

REVISED EDITION

# Which Winegrape Varieties are Grown Where?

a global empirical picture



Kym Anderson and Signe Nelgen



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## Which Winegrape Varieties are Grown Where?

a global empirical picture (*Revised Edition*)

by Kym Anderson and Signe Nelgen

Endorsements for the First edition, which received the 2014 Prize for best viticulture book from the Organisation Internationale de la Vigne et du Vin and has been downloaded more than 100,000 times, include the following:

*'In an increasingly interconnected world wine market, evolving consumer demands, technologies, and climate have all contributed to large shifts in global patterns of production and consumption of wine. These shifting patterns of wine production and consumption have entailed changes in the vineyard in terms of total area planted, production practices, and the mix of grape varieties grown. In this book, for the first time, we have a detailed empirical picture, country by country and region by region within countries, of which varieties of grapes have been grown where, and how those varietal choices have changed over time. This statistical compendium will be directly useful for anyone interested in knowing about and understanding the changing patterns of production of wine and wine grapes around the world. It also will serve as an invaluable resource for economists and others who seek to analyze those patterns and their causes.'*

Professor Julian Alston, Director of the Robert Mondavi Institute's Center for Wine Economics,  
University of California, Davis

*'This new database charts exactly what varieties are grown in which regions around the world. Since the data sets are based on two broad census periods, in 2000 and 2010, readers can also follow major planting trends around the world during the first decade of this new century. This colossal trawl makes it the perfect complement to last year's publication of Wine Grapes by the doughty Robinson, Harding and Vouillamoz.'*

(Jefford on Monday: The Great Grape Census, 09 Dec 2013) Andrew Jefford is a wine writer for Decanter and The World of Fine Wine, and author of The New France

*'Kym Anderson is a pioneer in the study of the economics of wine, and this book contains the raw materials for others to do the same kind of extraordinary research.'*

Professor Orley Ashenfelter, Princeton University, former Editor of the American Economic Review, and founder/author/publisher of the newsletter Liquid Assets



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## A Global Empirical Picture

*Revised edition*

**Kym Anderson and Signe Nelgen**



This volume, which is freely available as an ebook at [www.adelaide.edu.au/press/titles/winegrapes](http://www.adelaide.edu.au/press/titles/winegrapes), provides winegrape area data for the major winegrape regions of the world. It complements a volume on global wine markets which was published in 2017 by University of Adelaide Press as:

K. Anderson, S. Nelgen and V. Pinilla, ***Global Wine Markets, 1860 to 2016: A Statistical Compendium***, Adelaide: University of Adelaide Press, 2017 (also freely available as an ebook, at [www.adelaide.edu.au/press/titles/ global-wine-markets](http://www.adelaide.edu.au/press/titles/global-wine-markets)).

The data underlying both books are also freely available in Excel spreadsheets at <https://economics.adelaide.edu.au/wine-economics/databases>

The authors welcome comments on how to improve the quality and coverage of data and the way they have been summarized. Please send feedback to:

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Wine Economics Research Centre  
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Adelaide, South Australia



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## Authors' preface and acknowledgements

Over the past two decades the University of Adelaide has provided numerous editions of a global statistical compendium of annual time series data and various key indicators of national markets for grape wines. The ninth version was published by the University of Adelaide Press in 2017 as a book and e-book ([www.adelaide.edu.au/press/titles/global-wine-markets](http://www.adelaide.edu.au/press/titles/global-wine-markets)) and the data are freely available at the website of the University's Wine Economics Research Centre (<https://economics.adelaide.edu.au/wine-economics/databases>). However, very little of the data in that compendium relate to the grapes that are the key ingredient in winemaking. Nor are data included by wine region within each of the countries covered. One reason is space: that compendium is already almost 600 pages long, so subdividing each country's area and production data into regions would have turned the volume into a brick. Also, the readily available annual data for grapes do not distinguish winegrapes from grapes for fresh consumption or drying, and most countries release detailed winegrape area data by region and variety (cultivar) irregularly and rarely annually.<sup>1</sup>

Another reason for our global wine markets compendium including little information on winegrapes is that the relatively scant data on bearing area (and the even scantier data on winegrape production, yield and price) refer to varieties that have different names in different countries – and sometimes in different regions within countries – even though they may have the same DNA. This challenge has been reduced greatly, however, thanks to new DNA research. In particular, the well-known Robinson/Harding/Vouillamoz 2012 book called *Wine Grapes* (hereafter also referred to as RHV) provides a detailed guide to 1368 commercially grown 'prime' varieties, and it also identifies their various synonyms. The 'prime' name is chosen by those authors according to the name used in what they consider its country or region of origin. In addition, the Julius Kühn-Institut for Grapevine Breeding at the Federal Research Centre for Cultivated Plants in Geilweilerhof, Germany maintains a *Vitis International Variety Catalogue* ([www.vivc.de](http://www.vivc.de), hereafter referred to as VIVC). That very comprehensive resource provides additional DNA-based varietal information. As in RHV, the present volume defines prime names of varieties using Cyrillic letters if that is what is used by the country of origin. VIVC, by contrast, uses transliterated versions of those names, based on rules adopted by the journal *Chemical Abstracts*, thereby omitting any language-specific symbol (accent, cedilla, tilde, dieresis) in a prime name. Such transliterated spellings appear among the listed synonyms to our primes, in Table 15. Since there is still uncertainty about the country of origin of some varieties, it is unsurprising that VIVC considers a subset of our synonyms to be primes and nominates a different country of origin

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<sup>1</sup> For several decades Australia was among the exceptions. Its regional and varietal time series data are compiled in Anderson, K. (with the assistance of N.R. Aryal), *Growth and Cycles in Australia's Wine Industry: A Statistical Compendium, 1843 to 2013*, University of Adelaide Press, 2015. That volume is freely available as an e-book at [www.adelaide.edu.au/press/titles/austwine](http://www.adelaide.edu.au/press/titles/austwine), and in Excel format at <https://economics.adelaide.edu.au/wine-economics/databases>), and further details that include winegrape crush tonnages and prices are available in Excel at the bottom of that webpage ("Section V: Regional varietal area, production and price data, 1999 to 2013").

for some varieties. These are shown in Tables C to E of the Sources of Data part of these front pages.

With the far greater capacity now available to avoid spuriously indicating diversity of winegrape varieties across regions and countries, and with the European Union publishing decadal census data on bearing area by variety and region circa 2000 and 2010 for most of its winegrape-producing member countries, the first edition of our global compendium of data on bearing area by variety and region (and hence also by country) was produced in 2013. It is a supplement to *Wine Grapes* and *The World Atlas of Wine* (or similar atlases) for readers seeking an idea of the relative importance of the world's wine regions and varieties, at least as reflected in winegrape bearing area data since the turn of the century (with more-limited data on national and global varietal totals for 1990 and on a few nations' data back to 1960).

The volume's popularity surprised us. Not counting sales of hard copies, it took less than five years following its publication in 2013 for 100,000 copies of the 700-page ebook version to be downloaded.

Unexpectedly, the European Union recently published data on bearing area by variety and region for the 2015 vintage for the EU's winegrape-producing member countries. We therefore decided to update our global winegrape database and ebook to circa 2016 (that is, using late 2015 data from the northern hemisphere and early 2016 data from the southern hemisphere, or as close to those vintages as possible). That also gave us the opportunity to revise the database for earlier years in numerous minor ways, such as using the exact spelling for each variety as used in its nominated country of origin, ensuring the same names are used across the years for each region, and concording regional and super-regional names where aggregations within countries varied across time.

Assembling and 'cleaning' those new data has been once again an extremely time-consuming task, but it would have taken much longer (and in some cases been impossible) without the generous assistance of a large number of people in numerous countries. First and foremost, grateful thanks go to Jancis Robinson MW, Julia Harding MW and José Vouillamoz for promptly responding to emailed questions and for sharing their vast knowledge by reacting to drafts of numerous tables, as well as for providing 2010 data for such countries as China, Japan, Russia and Ukraine. Also extremely helpful for the latest revision and update were comments on varietal names/spellings and countries of origin by Domen Presern of the University of Oxford (and President of its Blind Tasting Society). As well, Erika Maul provided detailed information on VIVC prime names and synonyms. Peter Dry of the Australian Wine Research Institute and Gregory Jones of Linfield University in Oregon cast their eyes over our listings and provided many additional helpful comments.

Professor Gregory Jones also provided invaluable guidance on the nature and limitations of regional location and climate data. That he has helped us compile and report new data in Section VII of this volume. Our thanks too to Germán Puga, an Argentinean PhD student at the University of Adelaide, who provided excellent research assistance in concording regional names across years with those used in the 8<sup>th</sup> edition of *The World Atlas of Wine*, in assembling those data for Section VI, in finding the latitude and longitude of a representative town or city for each region, in aggregating these climate data in various ways as reported in Section VII, and in generating the Climatic National Similarity Index numbers in Section X.

We remain grateful also to the late Patrick Fegan of the Chicago Wine School, whose 2003 book *The Vineyard Handbook: Appellations, Maps and Statistics* helped with its 1990 varietal data and also circa 2000 data for several small wine-producing countries, for which we otherwise would have had only 2010 and 2016 information. The data for Italy for 1990 (and 1970) were greatly expanded to include many minor varieties, thanks to Table 3 of Ian D'Agata's 2014 book, *Native Wine Grapes of Italy* (University of California Press).

At the risk of accidentally omitting some names (for which we humbly apologize), our sincere thanks for providing or leading us to the following national data up to 2010 go to, in author alphabetical order, Julian Alston, Kate Fuller and Sandro Steinbach (California and Washington States, USA), Georgi Apkhazava (Georgia), Peter Bailey, Sheralee Davies, Alan Nankivell and Mark Rowley (Australia), Stefan Bojnec (Croatia, Serbia and Slovenia), Bruce Bordelon (Indiana, USA), Jasna Čačić (Croatia), Mark Chien (Pennsylvania, USA), Donald Cyr (Canada), Dominique Desbois (for carefully assembling French survey data for 2009, pending the publication of the official census data which have yet to be released), Christy Eckstein (Ohio, USA), Denis Gastin (Thailand), Anatassios Haniotis and Kargarita Koumanioti (for advance access to the 2009 Greek census data), Giulia Meloni (EUROSTAT data plus Brazil, Italy, Peru), Jimena Estrella, Javier Merino and Germán Puga (Argentina), Taner Öğütöglü (Turkey), Sergey Oleichenko, Dauren Oshakbaev and Alfinura Sharafeyeva (Kazakhstan), Bruce Reisch (New York State, USA), Jorge Tenorio (Mexico), Gabriel Tinguely (Switzerland), Áron Török (for advance access to the 2010 Hungarian census data), Angeliki Tsiolo of the OIV (for contacts in various countries), and last but definitely not least, the trio of Annalisa Zizza, Roberta Sardone and Eugenio Pomerici (for advance access to and heroic efforts to polish the 2010 Italian census data).

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We acknowledge and thank Australia's Grape and Wine Research and Development Corporation (GWRDC) for assisting with funding the research project that produced the initial data collection. We are grateful also to Lachlan Deer and Claire Hollweg for earlier research assistance with circa 2000 winegrape varietal data compilation for a dozen key countries that provided a prototype for the present much more comprehensive study (see Anderson, K., "Varietal Intensities and Similarities of the World's Wine Regions", *Journal of Wine Economics* 5(2): 270-309, Winter 2010). GWRDC has since been absorbed into Wine Australia which, together with the University of Adelaide's Faculty of Business, Economics and Law and its School of Agriculture, Food and Wine, has helped finance the current revision and update of this database and book. We also wish to acknowledge the very helpful advice of our research project's Industry Reference Group, comprising Peter Hayes (former

President of OIV), Brett McKinnon (Global Operations Director of Pernod Ricard Winemakers) and Marc Soccio (formerly of the beverage section of Rabobank's Food and Agribusiness Research division).

The previous revision of the database, following the publication of the 2013 book, was July 2014, in which two dozen very minor varietal names were corrected, the datasets for four countries (France, Italy, Germany and Romania) were expanded, and Ethiopia was added. For France, more-detailed regional and varietal data were provided for 2010 (its original 45 regions were further divided into 72 regions and there were 272 prime varieties, up from 96 previously). For Italy, more-detailed regional data were provided for 2010 (its original 20 regions were subdivided into 110 sub-regions, similar to the 103 regions for 2000). For Germany, the 'Other varieties' category was shrunk from around one-third to just 1% of the total bearing area, and there were 91 instead of 48 varieties shown in 2010 and 68 instead of 57 in 2000. For Romania, the 'Other varieties' category for 2010 was shrunk only a little but the bearing areas of more minor varieties were included, raising the total number of its varieties from 25 to 99. We are grateful to Norbert Tischelmayer of Austria for pointing to errors in some minor varietal names or colours, to Patrick Aigrain of France, Eugenio Pomarici of Italy, Steffen Schindler of Germany and Diana Mereanu of Romania for providing the more-detailed data for their countries, to Etsegenet Kiflu of the DebreZeit Agricultural Research Center for providing 2011/12 data for Ethiopia's emerging wine industry, to Patrick Fegan's 2003 *Vintage Handbook* for data for Israel and Taiwan for 2000 (assumed to be the same in 2010), and to [www.vivaioenotria.com](http://www.vivaioenotria.com) for 2011 data for Korea and for the newly added data for pre-2000 years for several countries. Together these revisions expanded the number of regions in the 2010 global dataset by 23% and the number of prime varieties by 14%.

For the 2016 collection, several EU countries provided less-detailed data than in their full census years of 2010 and 2000, while some other countries provided more-detailed data. That makes it difficult in some cases to compare across time the varietal mix of regions, or the importance of minor varieties (which, in less-detailed collections, get absorbed in the residual 'Other varieties' categories). We have also revised the spelling of numerous more-obscure varieties and added a little to the earlier and scantier national data for 1960, 1970, 1980 and 1990. Together these revisions have expanded the global dataset to more than 1700 prime varieties. In addition, there are more than 1350 synonyms for those prime varieties in the complete dataset. As for the number regions, there are 629 in 2016, a little below the 706 in 2010 but above the 489 in 2000. The extent of regional disaggregation varies over the past two decades though, such that there are more than 800 regions and sub-regions listed in those three years for the countries with such disaggregated data, as reported in Tables 67 to 69. For the convenience of the reader, regions within each state are identified for Australia, Italy and the United States in Table 70, some concordances of regions in a few other countries over time are provided in Table 71, and in Tables 72 to 74 concordances are provided between the regions in this database and the regions identified in the 8<sup>th</sup> edition (2019) of the Hugh Johnson/Jancis Robinson *World Atlas of Wine*.

The making of wine is intimately related to the climate in which its grapes are grown. The climate of each winegrowing region is a critical determinant of the suitability of the region to particular winegrape varieties, their potential wine style, and the region's overall productivity and profitability. Thus as climates change and planting areas expand in the various wine regions, so will the quality, productivity and profitability of the wines produced there. Hence the effort made to include in this new edition at least some key climate variables

for each of our identified wine regions. The geographic location of each region and its climate variables are shown in Section VII. By classifying each region as either cool, temperate, warm or hot as suggested by Gregory Jones, according to its growing season average temperature, we have been able to estimate shares of the national and global winegrape area of each variety growing in cool, temperate, warm and hot climates.

While we have made every effort to ensure the accuracy and currency of information within this compendium, we cannot accept responsibility for information that may later prove to be misrepresented or inaccurate, or for any reliance placed on the information by readers. We warmly welcome comments on the raw data and the indicators derived from them, and we would gratefully receive any new databases for omitted countries or updated, expanded or revised databases for those countries already included.

Kym Anderson and Signe Nelgen  
Adelaide, South Australia  
August 2020

## Sources of data

The most important source of winegrape bearing area data for this compendium is EUROSTAT, because it provides data by region for the European Union's member countries for the two most-recent decadal censuses, which were circa 2000 and 2010, and the update for 2015. They can be found at

[http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search\\_database](http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database) [In the Data Navigation Tree, click on “Agriculture, forestry and fisheries” then “Agriculture” then “Structure of orchards and vineyards” then “Vineyard ” and then “Basic vineyard survey”.] Since that source provides data for a large share of the world’s winegrape production, those years are the ones targeted for all other countries. For the majority of the EU countries the census dates were a year earlier, so 1999 and 2009 were the vintages targeted for other Northern Hemisphere countries while 2000 and 2010 (plus 2016) were targeted for Southern Hemisphere countries – bearing in mind that harvesting is late in the calendar year in the north and early in the calendar year in the south.

Not all EU-28 countries had their latest census data uploaded on that EUROSTAT website initially, so we approached government officials in the missing member countries (France, Greece, Hungary, Italy) to secure advance copies of the circa 2010 data that were yet to be uploaded in those countries, as we did also for Hungary and Romania for more-detailed 2015 data.

The national and regional data sources, and the exact years to which they relate, are listed in Table A of this section.

The choice of countries to include was determined primarily by national shares of global wine production, in addition to availability of data. The 53 countries for which data are available for circa 2016 account for 99% of global grapewine output. The only other country producing more than 0.1% of the world’s wine in 2010 is North Macedonia (0.3%), for which we were unable to locate varietal area data until 2016. Of the 44 countries reported for 2010, we were unable to secure reliable data for 2000 for 9 of them (China, Japan, Kazakhstan, Mexico, Myanmar, Peru, Thailand, Turkey, and Ukraine). The combined share of global wine production of those 9 countries in 2000 was only 1.6% (compared with 5.1% in 2010), but to retain their unusual varietal contributions we included them as a group (called “Missing 9 in 2000”) by assuming each of them had (i) the same varietal mix then as in 2010 and (ii) a national acreage in 2000 that was the same fraction of its 2010 acreage as was its national wine production volume. Of the extra countries added for 2016, four were included in our July 2014 update, and the other five represent only 0.2% of global wine production.

In many of the country tables we also include a ‘World’ total. In section I’s Tables 2 and 3 that includes an estimate for ‘Rest of the world’. Since that residual comprises no more than 1% of global wine production, we assume that share is also its share of the global winegrape area. Being so small, we ignore that residual in all other tables, where ‘World’ refers to the sum of the shown countries. This total is sub-divided into ‘Old World’ and ‘New World’, as summarized in column B of Table 1. ‘Old World’ refers to traditional winegrape-growing countries of Europe, the former Soviet Union, the Levant, and France’s former North African colonies. All others (‘New World’ countries) grow winegrapes in and for newer markets and include, unusually, Norway and the United Kingdom (although their

winegrape areas are so tiny that it makes little difference which sub-section includes them) plus Asian countries other than those of Central Asia that had been part of the Soviet Union. Prior to World War II, the ‘Old World’ accounted for all but 7% of global wine production, and as recently as the 1990s its share still exceeded 80%.

In addition to aggregate national data, bearing area data by variety are available for regions within 29 of our 53 countries in 2016, for 29 of 48 countries in 2010, and for 12 of 38 countries in 2000. In aggregate there are 629 unique within-country regions represented in 2016, 706 in 2010 and 489 in 2000. The degree of regional disaggregation of any one country varies through time though, as is evident in Tables 67-69. For the convenience of the reader, Table 71 reveals how some of them aggregate to super-regions, providing a total of 813 regions in the entire dataset. A concordance between these and the regions identified in the 8<sup>th</sup> edition of the Hugh Johnson/Jancis Robinson *World Atlas of Wine* is provided in Tables 72-74. For three countries, Table 70 shows in which State/Province each region is located.

As acknowledged in the Preface, our key source for identifying DNA-identical varieties and their synonyms is the Robinson/Harding/Vouillamoz book called *Wine Grapes: A Complete Guide to 1,368 Vine Varieties, Including their Origins and Flavours* (London: Allen Lane, 2012). Supplementing that source is the *Vitis International Variety Catalogue* ([www.vivc.de](http://www.vivc.de)), which also provides DNA-based varietal information. The RHV book’s prime varieties account for most of the global winegrape area. VIVC accounts for much of the rest, and for a larger share of the number of minor varieties’ prime names, as summarized in Tables B to E at the end of this section, with thanks to Erika Maul of VIVC for assisting with prime identifications. We also adopt RHV and VIVC berry colours, although we simplify their five categories to just three: the darkest two we call red, the lightest two we call white, and the middle colour we call ‘grey’ (which accounts for just 2.4% of the global area in 2016, 2.1% in 2010, and 1.4% in 2000, almost half of which is Pinot Gris/Grigio.<sup>2</sup>

There are two exceptions to our use of RHV prime names. One concerns Pinot, which is thought to have existed for two millennia and which therefore has many clones. Until recently the most popular clones – which include all three of our colour categories – were thought to be distinct varieties, and have been promoted separately to different niches in the market. For that reason we retain separately the following five, each of which has several synonyms identified by RHV: Pinot Blanc, Pinot Gris, Pinot Meunier, Pinot Noir, and Pinot Noir Précoce. The other exception is Garnacha, which also has both red and white mutations. In that case we retain separately the following four, each of which has several synonyms identified by RHV: Garnacha Blanca, Garnacha Peluda, Garnacha Roja, and Garnacha Tinta.

There are no official data on China’s winegrape area by variety and region, so reliance has been on estimates by well-informed individuals. For the latest numbers we drew on national estimates by Professor Yulin Fang, Dean of the College of Enology, Northwest Agricultural and Forestry University, who in turn drew on data for 2017 from the China Grape & Wine Industry Network (<http://www.chngw.net/Default.aspx>). The total area is consistent with the volume of wine produced from domestic grapes in China.<sup>3</sup> Senior staff at Pernod Ricard Asia in China agreed these were the best estimates available, but they felt the

<sup>2</sup> Numerous countries have an ‘other varieties’ category for each region, only some of which sub-divide that category according to berry colour. When no sub-division is provided, we assume the proportions of ‘other varieties’ that are red, white and grey are the same as the proportions for the named varieties for that region.

<sup>3</sup> As estimated by Anderson, K and K. Harada (2018), ‘How Much Wine is *Really* Produced and Consumed in China, Hong Kong and Japan?’, *Journal of Wine Economics* 13(2): 199-220.

share of Cabernet Sauvignon in that total was probably twice the actual share (as producers of various other red grape varieties try to suggest their vines are this noble variety). We therefore halved the area listed for that variety and included the other half in ‘Other red varieties’.

Australia’s official area data had been compiled by the Australian Bureau of Statistics (ABS) until 2015, but ceased thereafter. Hence we had to assume the varietal mix in 2016 was the same as in 2015, and lowered each varietal area by 1.4% so they summed to the 2016 total bearing area. Those ABS data include only the largest 40 or so varieties. However, annual estimates of the winegrape crush by every variety and source region have been assembled by Wine Australia. We calculated for 2015-17 (to help even out seasonal variations), for each of the smaller red and white varieties not separately showing in the 2015 ABS data, their share of the total tonnes of missing red and white winegrape varieties. We then assumed the average winegrape yield per hectare was the same for each variety within the missing red and white winegrape variety categories in each region. That allowed us to use those shares to divide the ABS’s aggregate areas of ‘Other red’ and ‘Other white’ for each region into estimates of bearing area for minor varieties, thereby expanding the number of varieties from 40 to 146. While those added varieties account for only 1.25% of the total bearing area for Australia in 2016, they provide an insight into the relative importance of what Darby Higgs calls the next 100 ‘Rare Ozzies’.<sup>4</sup>

We were unable to get 2015/16 data for several countries that were included in the 2010 dataset: Algeria, Ethiopia, Georgia, Kazakhstan, Korea, Mexico, Peru, Russia and Taiwan. Hence we assumed their varietal mix and total area were the same as in 2010. These countries accounted for just 2% of the global bearing area in 2010. In the case of Russia, though, we have added the region of Crimea (part of southeast Ukraine prior to its annexation by Russia in 2014) by assuming that region was half of Ukraine’s winegrapes area<sup>5</sup> and, less plausibly but in the absence of further evidence, that the varietal mix in Crimea was the same as in the rest of Ukraine in 2016.

For six important EU wine-producing countries – France, Greece, Italy, Portugal and Romania – the number of varieties reported in Eurostat was far smaller in 2016 than in 2010, as only major varieties were shown separately. So too was the number of regions, but a concordance between the more-detailed and less-detailed sets was easy to compile (Tables 71-74). So for each of these five countries we have added the minor varieties that were separated out in 2010 but not in 2016 by assuming that for each of those red, white and grey varieties not separately showing in the 2016 data, their 2016 share of total area for each region was the same as in 2010. We then subtracted the sum of those newly added areas of red or white or grey varieties from the 2016 ‘Other red’ or ‘Other white’ or ‘Other grey’ area for that region. Similar to Australia, those added varieties account for only a small fraction of the total bearing area for each country in 2016, but they help to indicate the relative importance of those minor varieties in the global bearing area.

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<sup>4</sup> Higgs, D. (2019), *Rare Ozzies: A Hundred Rare Australian Grape Varieties*, self-published in Willimastown, Victoria (see [www.vinodiversity.com/rareozzies.html](http://www.vinodiversity.com/rareozzies.html)). See also Halliday, J. (2018), *Varietal Wines: A Guide to 140 Varieties Grown in Australia and their Place in the International Wine Landscape*, London: Hardie Grant Books.

<sup>5</sup> Tsymbliuk, K. and Y. Larina (2017), ‘The Current State of the Vitiviniculture Sector in Ukraine’, *Baltic Journal of Economic Studies* 3(5): 431-36.

Apart from the bearing area data, various other variables are included in some of the tables and charts. Their sources are as follows:

Tables 2 and 3: FAOSTAT data for total grapevine area, total grape production, grape yield per hectare, and agricultural land (arable land and land used for permanent crops) (<http://faostat.fao.org>).

Table 4: In our 2013 book, varietal bearing area data for 1990 are from Fegan, P.W, *The Vineyard Handbook: Appellations, Maps and Statistics*, revised edition (Springfield IL: Phillips Brothers, 2003). We estimated the global winegrape bearing area in 1990 based on total and winegrape production data and taking into account that the global winegrape yield per hectare averages 15% less than the total grape yield, based on data in Anderson, K. and D. Norman, *Global Wine Production, Consumption and Trade, 1961 to 2001: A Statistical Compendium* (Adelaide: Centre for International Economic Studies, 2003).

Table 29: The list of fungal-resistant hybrid varieties (a collective whose German name is Pilzwiderstandsfähige Sorten, popularly known by the acronym PIWI), includes all those varieties listed at <http://www.zukunft-weinbau.de/forschung/piwi-liste/> that are reported in our global database. There may be others in production that are hidden in the ‘Other varieties’ residual catch-all for each country, but in almost all cases their bearing area is very minor as of 2016.

Section VII provides climate indicators for individual locations within or adjacent to the world’s wine regions. Specifically, Table 75 provides the latitude and longitude of the region’s most representative town or city and its elevation above sea level (from a Google Earth Pro app downloadable at <https://www.google.com/earth/versions/#earth-pro>) plus the growing season average temperature and precipitation. For convenience of readers, the page number of each region in the 8<sup>th</sup> edition of the Hugh Johnson/Jancis Robinson *World Atlas of Wine* also is provided in that table. Additional climate variables are provided in Table 76, taken from TerraClimate (see <http://www.climatologylab.org/terraclimate.html>) and updated to 2019 by Gregory Jones.<sup>6</sup> TerraClimate generate high-resolution (1/24°, 4-km) monthly data averaged over the period 1958-2019. This dataset includes the mean value for each longitude/latitude location for the following climate variables:

AnnP - annual precipitation (mm)

GSP - growing season precipitation (mm); growing season: April-October in the Northern Hemisphere, October-April in the Southern Hemisphere

RipeP - ripening month precipitation (mm); September in the Northern Hemisphere, March in the Southern Hemisphere

AnnT - annual average temperature (°C)

GST - growing season average temperature (°C); growing season: April-October in the Northern Hemisphere, October-April in the Southern Hemisphere

RPT - ripening period average temperature (°C); August and September in the Northern Hemisphere, February and March in the Southern Hemisphere

GDD - growing degree days (C° units); growing season: April-October in the Northern Hemisphere, October-April in the Southern Hemisphere<sup>7</sup>

<sup>6</sup> Abatzoglou, J., S. Dobrowski, S. Parks and K.C. Hegewisch (2018), ‘TerraClimate, a High-Resolution Global Dataset of Monthly Climate and Climatic Water Balance from 1958–2015’, *Scientific Data* 5: 170-191, 2018 ([www.nature.com](http://www.nature.com)). <https://doi.org/10.1038/sdata.2017.191>

<sup>7</sup> GDD is defined for temperatures above a base temperature such as 10°C and with no upper cut off. A variant is BEDD (biologically effective degree days), which is defined as for GDD but with a maximum of 9°C above

GSDTR - growing season diurnal temperature range (°C); growing season April-October in the Northern Hemisphere, October-April in the Southern Hemisphere

RPDTR - ripening period diurnal temperature range (°C); August-September in the Northern Hemisphere, February-March in the Southern Hemisphere

For the convenience of readers and to stimulate discussion, we have classified each region as either cool, temperate, warm or hot, based on their GST and as defined by Gregory Jones in Chart 29 (reproduced with his permission). Of course the elevation and climate of each vineyard vary within each region,<sup>8</sup> and their median values would not be exactly the same as for the town we have chosen to represent the region. Hence these data are necessarily just a proxy for the climate of the region's vineyards. More specifically, since those locations are all urban, and many are at a lower elevation than nearby vineyards, they are probably warmer than the median growing season average temperature in the wine region they are purporting to represent. However, the world has warmed since the start of the period covered by those data (1958), so the average GST in regions today may not be below that 1958-2019 average. When we class each location according to the following GST range, it divides our 813 regions and generates GST global averages as follows:<sup>9</sup>

Class name	GST range (°C)	Global GST (°C)	Share of global area <sup>a</sup> (%)	Share of regions (%)
Cool	<15	14.5	3	11
Temperate	15-17	16.3	18	22
Warm	17-19	18.0	35	24
Hot	>19	20.4	44	42
All regions		<b>18.6</b>	<b>100</b>	<b>100</b>

<sup>a</sup> Weighted average across regions with weights based on regional winegrape bearing areas in 2016.

Having classified each region as either cool, temperate, warm or hot, based on their GST, Table 98 in Section X uses that information to generate an index of national climate similarity between pairs of countries' winegrape regions and relative to the world's. And having determined an estimated GST for each region, Table 99 in Section X reports an indicator of the extent to which the bearing area of the 21 premium winegrape varieties in Chart 29 fall within the ideal GST range for premium winegrape production, by country and globally.

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the base. See Hall, A. and G.V. Jones (2009), 'Effect of Potential Atmospheric Warming on Temperature-Based Indices Describing Australian Winegrape Growing Conditions', *Australian Journal of Grape and Wine Research* 15(2): 97-119, June.

<sup>8</sup> Jones, G.V., R. Reid, and A. Vilks (2012), 'Climate, Grapes, and Wine: Structure and Suitability in a Variable and Changing Climate', pp. 109-133 in *The Geography of Wine: Regions, Terroir, and Techniques*, edited by P. Dougherty, New York: Springer.

<sup>9</sup> For the sake of comparison, we also derived a four-way classification of the locations from an optimum solution in a cluster analysis using kmeans, and it happened to divide the dataset into almost the same four GST ranges as in the table above.

Table A: Sources of national winegrape bearing area data<sup>a</sup>

<i>Country</i>	<i>Actual years</i>	<i>Data sources (latest, then earlier date)</i>
Algeria	2001, 2009, 2015	Fegan (2003); OIV (2018) for 2015; assumed same for 2009
Argentina	2002, 2011, 2016	Argentinean Instituto Nacional de Vitivinicultural (INV); provides more-detailed data in 2002 and 2011 than in 2000 and 2010, from <a href="http://www.inv.gov.ar">http://www.inv.gov.ar</a>
Armenia	2001, 2015	Fegan (2003); assumed unchanged for 2010; Nelli Hovhannisyan and Aramayis Mkrtchyan, personal communications
Australia	2001, 2010, 2015	<a href="http://www.wineaustralia.com">http://www.wineaustralia.com</a> ; more-detailed series begins in 2001; mix assumed same for 2016, and augmented with minor varieties as described in text above.
Austria	1999, 2009, 2015	EuroSTAT and <a href="https://www.oesterreichwein.at">https://www.oesterreichwein.at</a>
Brazil	2000, 2010, 2016	Fegan (2003; <a href="http://vitibrasil.cnpuv.embrapa.br/index.php?opcao=opt_03">http://vitibrasil.cnpuv.embrapa.br/index.php?opcao=opt_03</a> )
Bulgaria	2001, 2009, 2015	Fegan (2003); EUROSTAT; Venelin Roychev, personal communication (based on Roycheva, A.V., <i>Efficiency and Competitiveness of Bulgarian Viticulture</i> , PhD Dissertation, Plovdiv, 2019 and Roychev, A.V., <i>Ampelography</i> , Agricultural University Press, Plovdiv, 2012.)
Cambodia	2015	Denis Gastin, personal communication
Canada	2001, 2009, 2015	Fegan (2003); <a href="http://www.grapegrowersofontario.com/sites/default/files/2012%20annual%20report.pdf">www.grapegrowersofontario.com/sites/default/files/2012%20annual%20report.pdf</a> ; British Columbia data are 2011, not 2009, from <a href="http://www.winebc.com">www.winebc.com</a> ; British Colombia Grapegrowers' Association, Grapegrowers of Ontario, Grapegrowers' Association of Nova Scotia, Vignerons Indépendants du Québec <a href="http://www.odepa.qob.ca/odepaweb/servicios-informacion/publica/catastro-vides-2009.pdf">www.odepa.qob.ca/odepaweb/servicios-informacion/publica/catastro-vides-2009.pdf</a> ; Ministry of Agriculture, Catastro Viticola <a href="http://www.odepa.qob.ca/odepaweb/servicios-informacion/publica/catastro-2016.pdf">www.odepa.qob.ca/odepaweb/servicios-informacion/publica/catastro-2016.pdf</a> ; Nacinal 2016
Chile	2000, 2009, 2016	China Agricultural Yearbook 2010, via Julia Harding, personal communication for 2009; see text above re. 2015
China	2009, 2015	China Agricultural Yearbook 2010, via Julia Harding, personal communication for 2009; see text above re. 2015
Croatia	2001, 2011, 2015	Fegan (2003); Croatian Ministry of Agriculture; EUROSTAT
Cyprus	2000, 2009, 2015	Fegan (2003); EUROSTAT
Czechia	2001, 2009, 2015	Fegan (2003); EUROSTAT
Ethiopia	2009, 2015	Ministry of Agriculture for 2009; assumed unchanged for 2015
France	1999, 2010, 2015	EuroSTAT and personal communication with Dominique Desbois
Georgia	2004, 2009, 2015	Georgian Wine Association for 2004; assumed mix unchanged for 2000, small growth in area by 2009 and 2015 <sup>b</sup>
Germany	1999, 2009, 2015	EuroSTAT and <a href="http://www.deutscheweine.de">www.deutscheweine.de</a>
Greece	1999, 2009, 2015	EuroSTAT and Hellenic Statistical Authority
Hungary	2000, 2010, 2015	Fegan (2003); Hungarian Ministry of Agriculture; Áron Török and Gabriella Szmilko ( <a href="http://www.hnt.hu">www.hnt.hu</a> ), personal communications
India	2015	OIV (2018)
Israel	1999, 2009, 2015	Fegan (2003); OIV (2018) for 2015 and assumed same for 2009
Italy	2000, 2010, 2015	EuroSTAT; Italian Ministry of Agriculture
Japan	2009, 2015	Julia Harding, personal communication; Kimie Harada, person communication

Kazakhstan	2007, 2015	Dauren Oshakbaev, personal communication; assumed mix unchanged for 2010 and 2015
Korea, Rep.	1999, 2011, 2015	<a href="http://www.vivaoenotria.com">www.vivaoenotria.com</a> for 2011; assumed unchanged for 1999 and 2015
Lebanon	2015	OIV (2018)
Luxembourg	1999, 2009, 2015	EuroSTAT for 1999; OIV (2018) for 2015 and assumed same for 2009
Mexico	2011, 2015	Mexican Ministry of Agriculture, <a href="http://www.siap.gob.mx">www.siap.gob.mx</a> ; assumed unchanged for 2015
Moldova	2009, 2015	Moldovan Ministry of Agriculture; Carolyn Gilby and Irina Bistrițchi, personal communications
Morocco	1999, 2009, 2015	<a href="http://agriculture.ovh.org">http://agriculture.ovh.org</a> ; OIV (2018) for 2015; assumed same for 2009
Myanmar	2012, 2015	<a href="http://redmountain-estate.com/varieties.html">http://redmountain-estate.com/varieties.html</a> ; assumed unchanged for 2015
New Zealand	2000, 2009, 2016	<a href="http://wineinf.nzwine.com/statistics_outputs.asp?id=89&amp;cid=6&amp;type=en">http://wineinf.nzwine.com/statistics_outputs.asp?id=89&amp;cid=6&amp;type=en</a> ; survey not conducted in 2010
North Macedonia	2015	Wines of Macedonia <a href="https://winesofmacedonia.mk">https://winesofmacedonia.mk</a> ; Elena Miloshevska, personal communication
Norway	2019	Erik Lindås, personal communication
Peru	2008, 2015	<a href="http://www.minag.gob.pe/portal/download/pdf/herramientas/boletines/DocumentoFinalVid.pdf">www.minag.gob.pe/portal/download/pdf/herramientas/boletines/DocumentoFinalVid.pdf</a> ; assumed unchanged for 2015
Portugal	1999, 2009, 2015	EuroSTAT
Romania	2001, 2009, 2015	Fegan (2003); EUROSTAT; Diana Mereanu (Oficiul Național Al Viei și Produselor Vitivinicol), personal communication
Russia	2000, 2009, 2015	Fegan (2003); Julia Harding, personal communication; assumed mix unchanged for 2015 except Crimea transferred from Ukraine
Serbia	2001, 2009, 2015	Fegan (2003); assumed unchanged for 2009; National Office of Statistics, National Winery Register
Slovakia	2000, 2009, 2015	Fegan (2003); EUROSTAT
Slovenia	2000, 2009, 2015	Fegan (2003); EUROSTAT; Bruno Gabersek, person communication
South Africa	2002, 2011, 2016	<a href="http://www.wosa.co.za/sa/stats_sawis_annual.php">http://www.wosa.co.za/sa/stats_sawis_annual.php</a>
Spain	1999, 2009, 2015	EuroSTAT
Switzerland	1999, 2009, 2015	<a href="http://www.blw.admin.ch/themen/0013/00084/00344/index.html?lang=de">http://www.blw.admin.ch/themen/0013/00084/00344/index.html?lang=de</a> and <a href="http://www.swisswine.ch">www.swisswine.ch</a>
Taiwan	1999, 2009, 2015	Denis Gastin, personal communication
Thailand	2010, 2015	Thailand Grape Vine Survey, from Denis Gastin, personal communication
Tunisia	2000, 2009, 2015	Fegan (2003); assumed 6.3 kl/ha as in Algeria for 2015 and assumed same for 2009
Turkey	2010, 2015	Taner Öğütoglu of Wines of Turkey, personal communication; Umay Çeviker, personal communication
Ukraine	2009, 2015	Ukrainian Ministry of Agriculture via Julia Harding, personal communication; assumed unchanged for 2015 except Crimea transferred to Russia
United Kingdom	1999, 2009, 2015	Wines of Great Britain
United States <sup>c</sup>	1999, 2009, 2015	<a href="http://www.usda.gov">www.usda.gov</a> and see footnote c for individual states

Uruguay 2000, 2012, 2016 <http://www.inavi.com.uy/categoría/38-estadísticas-de-via-edges.html>; Robinson, J. *The Oxford Companion to Wine*, 3<sup>rd</sup> edition, 2006, p. 723;

Departamento Registro de Vinedos, *Estadísticas de Vinedos 2016*

<sup>a</sup> EUROSTAT data are available at [http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search\\_database](http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database). In addition, some data for 1990 are provided from Fegan, P.W. (2003), *The Vineyard Handbook: Appellations, Maps and Statistics*, revised edition, Springfield IL: Phillips Brothers, for the Chicago Wine School. Some data for 2015 are from OIV (2018), *Grapevine Varieties Area by Country*, Paris: Organisation Internationale de la Vigne et du Vin, March. [www.oiv.org](http://www.oiv.org)

<sup>b</sup> More-detailed Georgian data are also available for 1953, from page 18 of Ketskhoveli, N., M. Ramishvili and D. Tabidze (2012), *Georgian Ampelography*, Tbilisi: Exclusive Print, Ltd.

<sup>c</sup> Dates for the various US states vary according to availability:

Arizona-2008, 2015, Arkansas-2009, 2015, California-1991, 1999, 2009, 2015, Colorado-2009, 2015, Georgia-2009, 2015, Illinois-2011, 2015, Indiana-2011, 2013, Iowa-2006, 2015, Kentucky-2010, 2015, Michigan-2002, 2011, 2018, Minnesota-2007, 2015, Missouri-2010, 2015, New York-1990, 2001, 2011, 2015, North-Carolina-2009, 2015, Ohio-2008, 2015, Oregon-1990, 2000, 201, 2015, Pennsylvania-2008, 2015, Texas-2010, 2017, Virginia-2008, 2015, Washington-1990, 1999, 2011, 2016.

Table B: Sources of prime varietal names and their synonyms

Source ↓	No. of primes	%	2016 global area ('000 ha)	%
RHV	1091	64	4087	91
VIVC	549	32	50	8
Other	65	4	346	1
TOTAL	1705	100	4483	100

Table C: RHV prime names for which VIVC has one of our synonyms as their prime

RHV Prime ↓	RHV origin	RHV colour	VIVC Prime	VIVC origin	VIVC colour
Cabral	Portugal	R	Malvasia Cabral		
Damaschino	Italy	W	Planta Fina	Spain	
Enantio	Italy	R	Lambrusco a Foglia Frastagliata		G

Godello	Spain	W	Gouveio	Portugal
Graševina	Croatia	W	Welschriesling	Italy
Grechetto di Orvieto	Italy	W	Grechetto Bianco	
Hondarrabi Beltza	Spain	R	Ondarrabi Beltza	
Juan Garcia	Spain	R	Mouraton	
Királyléányka	Hungary	W	Fetească Neagră	Romania
Leányka	Hungary	W	Fetească Albă	Romania
Listain de Huelva	Spain	W	Manteudo	Portugal
Macabeo	Spain	W	Viura	
Malvasia di Lipari	Italy	W	Malvasia Dubrovacka	
Mammolo	Italy	R	Sciaccarello	
Negramoll	Spain	R	Mollar Cano	Portugal
Norton	USA	R	Cynthiana	
Preto Martinho	Portugal	R	Amostrinha	
Rouge de Fully	Switzerland	R	Durize	
Seyval Noir	Canada	R	Seyve Villard 5-247	France
Tribidrag	Croatia	R	Primitivo	
Zametovka	Slovenia	R	Kavcina Crna	

Table D: RHV prime names for which VIVC has an alternative country of origin

RHV Prime ↓	RHV origin	RHV colour	VIVC Prime	VIVC origin
Albana	Italy	W	Albana	Spain
Blauer Portugieser	Austria	R	Portugieser Blau	Slovenia
Cabernet Blanc	Switzerland	W	Cabernet Blanc	Austria
Chasselas (R)	Switzerland	W	Chasselas Rose	France
Fetească Albă	Moldova	W	Fetească Albă	Romania
Fetească Neagră	Moldova	R	Fetească Neagră	Romania

G

Frirter Veltliner	Austria	R	Veltliner Frhroter	Italy
Gouveio Real	Portugal	W	Gouveio Real	France
Grner Veltliner	Austria	W	Veltliner Gruen	Italy
Kalina	Switzerland	R	Kalina	Serbia
Loureiro	Portugal	W	Loureiro Blanc	Spain
Malvasia	Greece	W	Malvasia	Portugal
Roter Veltliner	Austria	G	Veltliner Rot	Italy
Trajadura	Portugal	W	Trajadura	Spain
Voskeat	Armenia	W	Voskeat	Azerbaijan

Table E: RHV prime names for which VIVC has an alternative prime not in our database

<i>Where different:</i>				
<b>RHV Prime ↓</b>	<b>RHV origin</b>	<b>RHV colour</b>	<b>VIVC Prime</b>	<b>VIVC origin</b>
Bariadorgia	Italy	W	Carcajolo Blanc	France
Carica l'Asino	Italy	W	Barbassese Bianco	
Casetta	Italy	R	Casetta	
Cavus	Turkey	W	Chaouch Blanc	
Chelva	Spain	W	Montua	
Completer	Switzerland	W	Malanstrabe	
Debit	Croatia	W	Ruzevina	
Dona Branca	Portugal	W	Branda	
Eyholzer Rote	Switzerland	R	Hibou Rouge	France
Gibi	Spain	W	Heben	
GR 7	USA	R	Geneva Red	
Incrocio Bianco Fedit			Dorona Veneziana	
51	Italy	W		
Karasakiz	Turkey	R	Sakiz Kara	

Kraljevina	Croatia	W	Koenigstraube Weiss	Austria
Lairen	Spain	W	Santa Magdalena	
Madeleine × Angevine	Germany	W	Madeleine Angevine	France
7672	Spain	R	Garro	
Mandon	Hungary	R	Medoc Noir	
Menoir	France	W	Arbois Blanc	
Menu Pineau	Hungary	W	Honigler	W
Mézes Fehér				
Moscato Rosa del				
Trentino	Italy	R	Tamjanika Crna	Balkans
Muscat Swenson	USA	W	Osceola Muscat	
Muskat Moravsky	Czech Rep.	W	Mopr	
Pampanuto	Italy	W	Lagorthi	Greece
Paolina	Italy	W	Montagna	Germany
Picardan	France	W	Araignan	
Piculit Neri	Italy	R	Picolit Nero	
Prie	Italy	W	Agostenga	
Prosecco	Italy	W	Glera	
Prosecco Lungo	Germany	W	Bela Dinka	
Räuschling	Spain	R	Raeuschling Rot	
Royal de Alloza	France	W	Derechero	
Sauvignonasse	Austria	W	Friulano	Italy
Silvaner (R)	Italy	G	Silvaner Rot	R
Termarina Rossa			Terminaria	R
Yamabudo	Japan	R	Vitis Coignetiae	
			Pulliat	

# Technical notes

This section provides definitions of the units used in, and the various indicators generated from, the raw data in this compendium.

## *Definitions of unit measures*

<i>Variable</i>	<i>Unit (per year)</i>
Grape vine bearing area	'000ha
Volume of grape production	kt
Grape yield	t/ha
Volume of wine production	ML
Volume of wine consumption	ML
Volume of wine exports and imports	ML
Value of wine exports and imports	current \$USm
Unit value of wine exports and imports	current \$US/L

## *Explanations of unit measures*

<i>Abbreviation</i>	<i>Definition</i>	<i>Conversion</i>
ha	hectare	10,000 square metres or 2.471 acres
t	tonne	1,000 kilograms or 2,205 pounds
kt	kilotonne	1,000 tonnes
L	litre	1,000 millilitres or 0.2642 US gallons
ML	megalitre	1 million litres

## *Definitions of two indexes of internationalization*

Two indexes of internationalization are presented in Tables 20 and 21: one of the relative importance of each country as a supplier of prime winegrape varieties to the world, and the other of the extent to which each nation's winegrape area is made up of exotic prime varieties (i.e., ones whose origin is another country). Specifically:

- The Index of Internationalization of Prime Varieties is defined for each country as the share of prime varieties originating from that nation in the global area of winegrapes divided by the share of that country in the global area of all winegrapes; and
- The Index of Internationalization of National Varietal Choice is defined for each country as the share of that nation's winegrape area made up of the rest of the world's prime varieties (i.e., ones whose origin is another country) divided by the share of prime varieties originating from all other nations in the global area of winegrapes.

## *Definitions of two indexes of varietal intensity*

A Varietal Intensity Index has been defined by Anderson (2010) as a variety's share of a region's winegrape area divided by that variety's share of the global winegrape bearing area. This Varietal Intensity Index is thus a complement to share information in that it indicates the importance of a variety in a region not relative to other varieties in that region but rather relative to that variety in the world.

Specifically, define  $f_{im}$  as the proportion of bearing area of grape variety  $m$  in the total winegrape bearing area in region or country  $i$  such that the proportions fall between zero and one and sum to one (i.e., there is a total of  $M$  different grape varieties across the world, and  $0 \leq f_{im} \leq 1$  and  $\sum_m f_{im} = 1$ ). For the world as a whole,  $f_m$  is the bearing area of grape variety  $m$  as a proportion of the total global winegrape area, and  $0 \leq f_m \leq 1$  and  $\sum_m f_m = 1$ . Then the Varietal Intensity Index,  $VII^m_i$  for variety  $m$  in region  $i$ , is:

$$(1) \quad VII^m_i = f_{im}/f_m$$

This VII is simple to calculate and explain, but it is not ideal for comparing across varieties within a country, across countries or across time. For example, the maximum value of  $VII^m_i$  is the inverse of  $f_i$ , the proportion of the total global winegrape area that is in country  $i$ . That means (a) it does not vary between that country's unique varieties, and (b) small wine-producing countries with unique varieties (i.e., not grown elsewhere) will have a higher common maximum VII than will larger wine-producing countries with unique varieties. As well, it has a value of one if that variety's importance is the same in country  $i$  as in the world as a whole, but its range is just from zero to one if variety  $m$  less important in country  $i$  than globally but it can range from one to the inverse of  $f_i$  if variety  $m$  is more important in country  $i$  than globally.

These weaknesses in the VII are similar to those for all such ratio-of-shares indexes. A solution has been suggested for the revealed comparative advantage index<sup>10</sup> that 'normalizes' for country size. It can be adapted for present purposes as follows to generate a normalized VII, call it NVII. Consider a neutral situation in which variety  $m$  is equally important in country  $i$  as it is globally ( $f_{im} = f_m$ ). In that case VII is one, but NVII will be zero. If variety  $m$  is more (less) important in country  $i$  than globally, NVII will be positive (negative). More than that, the extent of its divergence from zero for other varieties will be equally large for less-popular varieties as for more-popular varieties in country  $i$ , the only difference being that the former is negative while the latter is positive. To see that, define  $V$  as the global winegrape bearing area,  $V_i$  as the area in country  $i$ ,  $V^m$  as the global area of variety  $m$ , and  $V^m_i$  as the area of variety  $m$  in country  $i$ . Then a neutral situation for variety  $m$  in country  $i$  is where its area equals the global area for that variety times country  $i$ 's share of the total global area, that is,  $V^m_i = V^m(V_i/V)$ . The difference between that neutral situation and the actual situation for any variety,  $V^m_i - V^m(V_i/V)$ , is a measure of the intensity of that variety for country  $i$ . Normalizing that difference by dividing by  $V$  provides the definition of NVII, as follows:

$$(2) \quad NVII^m_i = V^m_i/V - V^m(V_i/V)/V$$

The NVII's have the properties that they are in the range -1 to +1 and they are additive across varieties. In particular, their sum over all countries for a particular variety  $m$  is zero ( $\sum_i$

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<sup>10</sup> Yu, R., J. Cai and P. Leung (2009), 'The Normalized Revealed Comparative Advantage Index', *Annals of Regional Science* 43(1): 267–282, March.

$\text{NVII}^m_i = 0$ ), and their sum over all varieties for a particular country  $i$  is zero ( $\sum_m \text{NVII}^m_i = 0$ ). Furthermore,

$$(3) \quad \text{NVII}^m_i = (\text{VII}^m_i - 1)(\text{V}^m/\text{V})(\text{V}_i/\text{V}) \equiv (\text{VII}^m_i - 1)(f_m)(f_i)$$

That is, in addition to  $f_{im}$  and  $f_m$  used to generate VII,  $f_i$  also impacts on NVII. Hence rankings using NVII in principle will differ from those using VII because the former does not include  $f_i$ , just as the rankings using VII in principle will differ from those using shares because of the inclusion of  $f_m$  in VII.

For practical reporting purposes and without loss of generality, the  $\text{NVII}^m_i$  generated in this report are multiplied by 1000 to avoid the need for lots of decimals.

### ***Definition of the Varietal National and Regional Similarity Indexes***

An Index of Varietal National or Regional Similarity has been defined by Anderson (2010) to measure the extent to which the varietal mix of one region or country matches that of another region or country or the world. It can also be used to compare the varietal mix of a region or country over time. In defining the index, Anderson (2010) borrows and adapts an approach introduced by Jaffe (1986) and Griliches (1979). That approach has been used subsequently by Jaffe (1989), and by others including Alston, Norton and Pardey (1998) and Alston et al. (2010, Ch. 4), to measure inter-firm or inter-industry or inter-regional technology spillover potential.<sup>11</sup>

The mix of grape varieties is a form of revealed preference or judgement by vigneron about what is best to grow in their region. That judgement is affected by not only terroir but also past and present economic considerations, including current expectations about future price and yield trends and fluctuations plus the sunk cost that would be involved in grafting new varieties onto existing rootstocks or grubbing out and replacing existing varieties.

The vector of grape varietal shares defined above,  $f_{im} = (f_{i1}, \dots, f_{iM})$ , locates region  $i$  in  $M$ -dimensional space. Noting that proximity is defined by the direction in which the  $f$ -vectors are pointing, but not necessarily their length, Jaffe (1989) proposes a measure called the angular separation of the vectors, which is equal to the cosine of the angle between them. If there were just two varieties,  $m$  and  $n$ , and region  $i$  had, say, 80 percent of its total vine area planted to variety  $m$  whereas only 40 percent of region  $j$  was planted to variety  $m$ , then their index of regional similarity is the cosine of the arrowed angle between the two vectors. When there are  $M$  varieties, this measure is defined as:

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<sup>11</sup> Alston, J.M., M.A. Andersen, J.S. James and P.G. Pardey (2010), *Persistence Pays: U.S. Agricultural Productivity Growth and the Benefits from Public R&D Spending*, New York: Springer.

Alston, J.M., G.W. Norton and P.G. Pardey (1998), *Science under Scarcity: Principles and Practice for Agricultural Research Evaluation and Priority Setting*, London: CAB International.

Anderson, K. (2010), ‘Varietal Intensities and Similarities of the World’s Wine Regions’, *Journal of Wine Economics* 5(2): 270-309, Winter.

Griliches, Z. (1979), ‘Issues in Assessing the Contribution of R&D to Productivity Growth’, *Bell Journal of Economics* 10: 92-116.

Jaffe, A.B. (1986), ‘Technological Opportunity and Spillovers of R&D: Evidence from Firms’ Patents Profits and Market Value’, *American Economic Review* 76(5): 984-1001,

Jaffe, A.B. (1989), ‘Real Effects of Academic Research’, *American Economic Review* 79(5): 957-70.

$$(4) \quad \omega_{ij} = \frac{\sum_{m=1}^M f_{im} f_{jm}}{\left( \sum_{m=1}^M f_{im}^2 \right)^{1/2} \left( \sum_{m=1}^M f_{jm}^2 \right)^{1/2}},$$

where again  $f_{im}$  is the area of plantings of grape variety  $m$  as a proportion of the total grape plantings in region  $i$  such that these proportions fall between zero and one and sum to one (i.e., there is a total of  $M$  different grape varieties across the world, and  $0 \leq f_{im} \leq 1$  and  $\sum_m f_{im} = 1$ ). This makes it possible to indicate the degree of varietal mix “similarity” of any pair of regions. The index also can be generated for each region relative to the average of the world’s  $N$  regions, call it  $\omega$ . In short,  $\omega_{ij}$  measures the degree of overlap of  $f_i$  and  $f_j$ . The numerator of equation (4) will be large when  $i$ ’s and  $j$ ’s varietal mixes are very similar. The denominator normalizes the measure to be unity when  $f_i$  and  $f_j$  are identical. Hence,  $\omega_{ij}$  will be zero for pairs of regions with no overlap in their grape varietal mix, and one for pairs of regions with an identical varietal mix. For cases in between those two extremes,  $0 < \omega_{ij} < 1$ . It is conceptually similar to a correlation coefficient. Like a correlation coefficient, it is completely symmetric in that  $\omega_{ij} = \omega_{ji}$  and  $\omega_{ii} = 1$ . Thus the results can be summarized in a symmetric matrix with values of 1 on the diagonal, plus a vector that reports the index for each region (or nation) relative to the global varietal mix.

### ***Definition of the Climatic National Similarity Index***

Equation (4) can also be used to define a Climatic National Similarity Index, where  $f_{im}$  is the area of plantings in climate zone  $m$  ( $m$  = Cool, Temperate, Warm or Hot) as a proportion of the total winegrape plantings in country  $i$  such that these proportions fall between zero and one and sum to one (i.e., there is a total of  $M$  (in this case 4) different climate zones in each country, and  $0 \leq f_{im} \leq 1$  and  $\sum_m f_{im} = 1$ ). The index also can be generated for each country relative to the world’s  $N$  (in this case 53) countries. The numerator of equation (4) will be large when country  $i$ ’s and country  $j$ ’s mix of climates among their wine regions are very similar. Hence,  $\omega_{ij}$  will be zero for pairs of countries with no overlap in their climate mix, and one for pairs of countries with an identical mix of wine region climates. For cases in between those two extremes,  $0 < \omega_{ij} < 1$ . Again it is conceptually similar to a correlation coefficient and, like a correlation coefficient, it is completely symmetric in that  $\omega_{ij} = \omega_{ji}$  and  $\omega_{ii} = 1$ . Thus the results can be summarized in a symmetric matrix with values of 1 on the diagonal, plus a vector that reports the index for each country or set of countries relative to the global winegrape-growing climate mix.

### ***A premium climate indicator***

Chart 29 reproduces what Gregory Jones has found to be the ideal GST ranges for premium winegrape production for 21 varieties. Using that information, it is possible to generate the share of the bearing area of each of those varieties in each country that are grown within that ideal GST range. We report those shares by country in Table 99 and for the world as a whole in Chart 37.

# Where in the world various winegrape varieties are grown

The dramatic globalization of the world's wine markets over the past three decades (Anderson 2004; Anderson and Pinilla 2018) has brought forth many new producers and opened up new wine regions, and at the same time generated countless new wine consumers. This has added to both opportunities and competitive challenges for producers seeking to differentiate their product, or join the bandwagon of successful marketing of others, so as to attract the attention of consumers. Consumers in turn are always looking for new types and styles of wines, and more so as wines within at least the lower-priced product ranges become more homogeneous with multinationalization of both wineries and wine retailers.

One strategy for producers to attract consumer attention has been to display names of (especially popular) grape varieties on wine bottle labels. Its success, particularly for lower-priced New World wines, has led to demands in the European Union for freeing up labelling laws so as to allow such labelling there also. Meanwhile, producers in the New World are increasingly realizing the marketing value of going beyond country of origin to regional labelling as another form of product differentiation – something that has long been practiced by Europe's traditional producers, and for good reasons as outlined recently by Patterson and Buechsenstein (2018) and in recent surveys of the value of geographical indications (e.g., Ay 2020; Haeck, Meloni and Swinnen 2019; Raimondi et al. 2019).

In addition to striving to differentiate their product, producers are well aware also of the impact climate changes (higher temperatures, more extreme weather events) are having on their winegrape quality and vineyard yields. Adaptation strategies include switching to warmer-climate or more-resilient grape varieties, and re-locating to a region at a higher latitude or elevation to retain the current mix of grape varieties. Especially in the New World, where regions are still trying to identify their varietal comparative advantages and where regulations do not restrict varietal choice, winegrowers are continually on the lookout for attractive alternative varieties that do well in climates similar to what they expect theirs to become in the decades ahead. Moreover, the biotechnology revolution is providing breeders with new opportunities, which is increasing the interest in exploring traits of little-known varieties.

These marketing and climate adaptation needs are generating a rapidly growing demand for information on which winegrape varieties are grown in the world's various wine regions. Since 1971 *The World Atlas of Wine* has provided a great deal of information about where winegrapes are grown (the 8<sup>th</sup> Edition is by Johnson and Robinson 2019). That has been complemented by the seminal book called *Wine Grapes*, by Robinson, Harding and Vouillamoz (2012), which provides a detailed guide to 1368 commercially grown 'prime' varieties – and to their various synonyms, based on the latest DNA research. (The authors chose each 'prime' name according to the name used in its country or region of origin.) Neither of those books provides comprehensive global data on the bearing areas of winegrapes by region and variety. That is why we decided to fill that lacuna with the first

(2013) edition of this book, following a preliminary and partial attempt three years earlier (Anderson 2010).

Another reason for compiling a comprehensive global matrix of winegrape bearing areas by variety and region is because concern has been expressed that the diversity of winegrapes is narrowing to a few ‘international’ varieties. Johnson and Robinson (2013, page 8) note that vignerons are at last beginning to respond by reverting to neglected local varieties in the Old World and by exploring alternatives to the main ‘international’ varieties in the New World.<sup>1</sup> But how severe is the current concentration compared with earlier times; and how different is the concentration in the Old World compared with the New World? Answering that question requires first re-naming synonyms with their prime, to avoid overstating the degree of diversification.<sup>2</sup> That task is now possible, thanks to the book by Robinson, Harding and Vouillamoz (2012),<sup>3</sup> which in turn has been made possible by the DNA profiling of recent years that has added hugely to traditional ampelography (identification and description based on physical characteristics of the vine’s appearance) as part of ampelology (grapevine science, see D’Agata 2014, p. 15).<sup>4</sup>

### **What’s been added in this revised edition?**

When a collection of 2015 data on winegrape varieties by region within EU countries became available recently (Eurostat 2019), we were stimulated to update our global database by compiling data for other Northern Hemisphere countries as of late 2015 and Southern Hemisphere data as of early 2016.<sup>5</sup> The combined dataset is referred to here as 2016, consistent with our treatment of data for our 2000 and 2010 compilations.

This provided an opportunity to revise and expand our presentation of the global time series in several other ways as well. First, we have moved to the precise spelling of varieties according to their country of origin, and listed transliterated spellings among our synonyms.

<sup>1</sup> As defined in the front pages under Sources of Data, the ‘Old World’ refers here to traditional winegrape-growing countries of Europe, the former Soviet Union, the Levant, and France’s former North African colonies. All others (‘New World’ countries) grow winegrapes in and for newer markets and include, unusually, Norway and the United Kingdom plus Asian countries other than those of Central Asia that had been part of the Soviet Union. Prior to the World War II, the ‘Old World’ accounted for all but 7% of global wine production, and as recently as the 1990s its share still exceeded 80% (Anderson, Nelgen and Pinilla 2017).

<sup>2</sup> Some varieties are not as rare as previously believed. For example, Zinfandel is genetically identical not only to Pimitivo (in Puglia) but also to Tribidrag (in Croatia). Also identical are the two ‘varieties’ in Italy’s Liguria region, near Genoa, of Pigato and Vermentino – which are also genetically identical to Favorita (in Italy’s Piedmont) and Rolle (in southern France). Their prime name, according to Robinson et al., is Vermentino.

<sup>3</sup> The Vitis listing compiled by JKI (2020) for European countries provides another list of primes and synonyms. There is also a list of varieties and their 2015 bearing areas maintained by the OIV (2017, 2018) but, because OIV is an inter-governmental organization, it uses only the names adopted by each member country. Nor does it have within-country regional data.

<sup>4</sup> Scientific publications from that vine profiling began in South Australia in 1993 and in California at UC Davis in 1997, and have surged ahead since then. When one parent is missing, it is still possible for DNA profiling to identify parent-offspring relationships. And even when both parents are unknown, a probabilistic approach can be used to detect siblings, grandparents or grandchildren. The latter has been done for Syrah, for example: its parents were discovered to be Mondeuse Blanche and Dureza, its great grandparent is very likely Pinot (according to Vouillamoz and Grando 2006), and it is either a grandchild or a half-sibling of both Mondeuse Noire and Viognier. Undoubtedly further DNA profiling will reduce this uncertainty and add to our stock of knowledge of these and the other 10,000 or so grape varieties currently available globally.

<sup>5</sup> The EU’s next decennial census data will not be published before the latter half of 2022, see <https://ec.europa.eu/eurostat/web/agriculture/census-2020>

Second, we have homogenized the spelling across the years of names of within-country winegrape-growing regions and, where the degree of regional disaggregation varied through time, we now provide a table to show the regions within each super-region so that trends in the latter are more-easily discernible. We also provide in Section VI a concordance between the names of regions in France, Italy and Spain as listed in the original national data source and the (sometimes more common) names of regions adopted in Johnson and Robinson's 8<sup>th</sup> *World Atlas of Wine*.

Third, we have introduced two new indexes of internationalization of varieties. One shows the extent to which various countries' native winegrape varieties have been adopted abroad; the other shows the extent to which each nation's varietal choice is focused on exotic (non-native) varieties.

Fourth, five additional countries have been added: Cambodia, India, Lebanon, North Macedonia and Norway. While these are all small producers of wine, they range from very low to very high Northern latitudes and so add to the diversity of climates and thus varieties.

Most importantly, this edition of the book has a new set of tables (Section VII) focused on the climate of each of the world's 800+ winegrape-growing regions. Based on the location (latitude and longitude) of the region's main town, nine climate variables have been extracted by Gregory Jones from the 1958-2019 records of its nearest weather station. His research over the past quarter-century has found that growing season average temperature (GST) is the best single indicator of viticultural relevance, and his cluster analysis has determined that the world's winegrape regions can be usefully divided into four climate classifications: cool, temperate, warm and hot. The GST ranges over which Professor Jones finds key winegrape varieties thrive in premium wine regions are shown in Chart 29. After allocating each region to one of those four classifications, we have been able to determine the weighted average GST for each super-region (e.g. Bourgogne, made up of Cote-d'Or, Nievre, Saone-et-Loire and Yonne), by using regional winegrape bearing areas as weights. Those same weights have allowed us to estimate the national and global shares of each winegrape variety's bearing area in each of our four climate classifications. We report estimates for 2000 and 2016, to see to what extent if any vigneron have re-located their vines this century to cooler regions in response to global warming.

Drawing on our newly revised, updated and expanded global database (Anderson and Nelgen 2020), we have again estimated numerous indicators that capture changes over the first two decades of this century in the varietal mix and regional distribution of the world's vineyards. It builds directly on an earlier study that examined data for circa 2000 for just 12 countries (Anderson 2010) and the first edition of this book (Anderson 2013). Those earlier publications defined two helpful indicators: a varietal intensity index, which captures the degree of each region's specialization in certain varieties; and a varietal-based regional similarity index, which captures the degree of similarity of each region's varietal mix with that of any other region (or of the nation or world). Those and several other indicators are used in the present study too.

The years chosen correspond to the agricultural census periods of the European Union, which were 1999 or 2000 and 2009 or 2010, and an exceptional semi-decadal compilation of 2015. For the non-EU countries, data have been sought for the earlier year in the Northern Hemisphere and the latter year (and 2016) in the Southern Hemisphere, so they

refer to vintages that were less than 6 months apart. Inevitably not all countries or regions had data for exactly those vintages, but those exceptions account for a very small fraction of the data (see Table A in the Sources of Data section at the front of this volume).

The database on which this volume draws thus involves the three years circa 2000, 2010 and 2016 (plus data for a subset of countries and an estimate of global data for the world's most important 50 or so varieties for 1990) and covers up to 813 regions (in 53 countries), and around 1705 prime varieties and 1350 synonyms. Such a large three-dimensional database of 4.2 million cells (many of which are zeros) is difficult to digest in the form of large spreadsheets, hence the present volume's attempt to summarize the data in numerous ways including through calculating various shares and indexes.

This Introduction provides a guide to the summary charts and tables, and is structured as follows. The next two sections describe the country and varietal coverage of the database in more detail. The following section reports on a key empirical indicator derived from the share data: an index of internationalization of each variety, to highlight its spread from its country of origin. Another indicator is then employed (the index of varietal intensity) to see how the degree of concentration on certain varieties varies across countries. The focus then turns to varieties, and then to regions within countries. The regional coverage of each country is first revealed, followed by location and climate indicators of those regions. The final sections report a series of regional climactic similarity indexes, used to distinguish between regions and countries according to their overall mix of varieties and climates.

## Coverage of countries

Data on bearing area of winegrapes are available by variety and region for most key wine-producing countries. In the case of the European Union countries, plantings are available from one source (Eurostat 2019), while for other countries they are typically available online from a national wine industry body or the national statistical agency. The United States and Canada are key exceptions, where data are collected at the state/provincial level and only for those with significant wine production. The raw data have been compiled, and varietal synonyms have been changed to prime varietal names, by Anderson and Nelgen (2020).

Table 1 lists the 53 countries included in the dataset and shows the number of regions and prime varieties in each country in 2000, 2010 and 2016. The relative importance of those countries in global winegrape area and global wine production is reported in Table 2, which also shows another 20 countries reported to be producing wine. The latter set collectively account for just 0.8% of global wine output. Indeed, our sample covers 99% of the world's winegrapes in all three years. A more-extensive set of key indicators of grape production in those three years is provided in Table 3.

The **vast differences between countries in their winegrape bearing areas** are depicted in Chart 1. The biggest three, Spain, France and Italy, account for just over half of the world's winegrape vineyard area. The next biggest is the United States, but its share was just 5.3% in 2016, up from 3.6% in 2000. The United States accounts for 11% of global wine production, thanks to its relatively high yields. Likewise, while Australia was 10<sup>th</sup> in terms of its share of the world's vineyard area in 2016, it was 5<sup>th</sup> in terms of wine production. More generally, Table 2 reveals that the **differences between countries are greater in global wine production volume than they are in winegrape area**. Moreover, there are huge differences

in the winegrape intensity of national cropland usage. Chart 2 shows that **the shares of national cropland under winegrapes are 6-12% in the seven countries where this indicator is highest (Chile, Georgia, Portugal, Italy, Slovenia, Moldova and New Zealand)**, but that share is just 0.6% in China, 0.4% in Australia and just over 0.25% in the United States (Table 3).

**China is the country whose winegrape vineyard area had grown fastest during 2000-16, in both absolute and percentage terms.** The next biggest rise in national hectares is in the United States, followed by Chile and New Zealand; but the next biggest in percentage terms are for three cool-climate countries: New Zealand (bearing area almost quadrupled), the United Kingdom (more than doubled) and Canada (increased 62%). Despite those increases, **the global area of winegrapes has declined by 8% over this period.** The biggest falls were in Spain (13%), France, and several countries in southeastern Europe and North Africa (Chart 3 and Table 4). That overall decline continues an earlier trend: **the global winegrape area fell 8% in the final decade of the 20<sup>th</sup> century** (Anderson 2013, 2014).

### Coverage of varieties

Drilling down from total winegrape area to the area under different varieties, Table 5 lists alphabetically all the prime varieties in the dataset in 2000, 2010 and 2016, while Table 6 ranks all but the smallest of them according to their 2016 shares of global area. The data for 1990 for the top 50 varieties are in Table 7.

**The extent of varietal concentration in the world's vineyard has increased non-trivially between 2000 and 2016.** Half the world's plantings were accounted for by 21 varieties in 2000 but, by 2010, that total had dropped to 15 varieties and it rose only by one, to 16, in 2016 (Chart 4). This **varietal concentration is more apparent in New World countries**, where in 2010 the top seven varieties accounted for over half of all plantings, whereas 16 varieties were needed in the Old World then to get to the half-way point (Anderson 2014, Figure 2).

Those changes in varietal concentration in the world's vineyard are reflected in the marked changes in the global rankings of varieties over the period since 1990. **Cabernet Sauvignon and Merlot have more than doubled their shares to take them from 8<sup>th</sup> and 7<sup>th</sup> to 1<sup>st</sup> and 2<sup>nd</sup> places, and Tempranillo and Chardonnay have more than trebled their shares to take 3<sup>rd</sup> and 5<sup>th</sup> places, while Syrah has jumped from 36<sup>th</sup> to 6<sup>th</sup>. Sauvignon Blanc and Pinot Noir are the other two to move into the top ten.** These have all been at the expense of Airén, which has fallen from 1<sup>st</sup> to 4<sup>th</sup>, Garnacha Tinta from 2<sup>nd</sup> to 7<sup>th</sup>, and Trebbiano Toscana from 5<sup>th</sup> to 9<sup>th</sup>. These changes ensure that the chart of the world's top 40 varieties as ranked in 1990 shows a quite different mix and rank ordering to the comparable chart for 2016 (Charts 5 and 6).

The decline in varietal diversity in the world's vineyard since 1990 was due in part to the large fall in the importance of the six most-common winegrape varieties in 1990 (especially low-quality Airén and Sultaniye) plus Monastrell and Boba. Airén was planted to huge areas of the low-rainfall La Mancha region because of its drought tolerance, and was destined mostly to brandy production. But with the decline in popularity of brandy relative to wine, plus the change in regulations in 1996 to allow irrigation to be used in Spain, this variety was removed or replaced by more-profitable varieties. Apart from tiny areas in North

Africa, Spain is the only country to grow this variety. Sultaniye is grown predominantly as a table grape and for drying. In the past it was used for making low-quality wine in such places as California (where it is known as Thompson Seedless) and Australia when the relative price of winegrapes was high enough, but its use in the wine industry has all but disappeared now thanks to the greater emphasis on quality upgrading and varietal labelling on bottles. Those varieties have been dramatically superseded by the rise in importance of several others. In order of increased hectares they are Tempranillo, Cabernet Sauvignon, Syrah, Sauvignon Blanc, Chardonnay, Merlot and Pinot Noir. These changes occurred as regions sought to improve both the quality of their winegrapes and the popularity of their wines. The world's most-expanded and most-contracted varietal plantings are depicted in Charts 7 and 8.

As part of that transformation in the varietal mix, **the share of red varieties in the global winegrape bearing area has risen considerably: from 46% to 56% between 1990 and 2016**, as white's share fell from 53% to 41% and grey's share trebled to 2.4% (Chart 9). The very considerable changes in the rankings of the top 30 red and top 30 white varieties are shown in Charts 10 and 11. Details for all three colours are in Tables 8 to 11.

**The share of reds is higher in the New World than in the Old World, and has risen more in the New World: from 57% in 2000 to 65% in 2016, compared with a rise from 48% to 53% in the Old World.** In 2016 that share was very high in China (86%) and very low in New Zealand (22%) but even lower in Kazakhstan, Georgia, and Luxembourg (Chart 12 and Table 9). Less than one-fifth of countries have raised the white varieties' share of their bearing area (Chart 13).

Within the red and white winegrape categories, **the varietal concentration is slightly greater for reds than whites, and it has increased for reds while changing little for white winegrapes over the 2000 to 2016 period.** For reds, 80% of the world's plantings were accounted for by 28 varieties in 2000 but, by 2016, that number had dropped to 24 varieties, whereas for whites it took the top 35 varieties to account for 80% of the world's plantings in both 2000 and 2016 (Chart 14).

## Internationalization of varieties

Other ways to explore the varietal diversity issue involve examining how internationalized varieties have become. One way is to look at what share of the global area is devoted to varieties by their country of origin. In 2000, French and Spanish varieties dominated the global landscape, accounting for almost three-fifths of the world's winegrape vineyard area, with Italian varieties boosting that share to 70%. By 2016 that share had risen slightly to 72%, but France now dominates much more at the expense of Spain. Specifically, **between 2000 and 2016 the global winegrape share devoted to French varieties rose from 29% to 39%, while Spain's share fell from 29% to 21%** (Chart 15).

**In terms of the number of prime varieties planted globally, Italy is the dominant country of origin followed by France, Portugal and Spain.** Together those 'big 4' countries contributed 67% of all the prime varieties in production in 2000, and by 2016 their share was still 56% (Chart 15). The next-ranked countries of origin in terms of number of prime varieties are the United States and Hungary, bringing the total to 70% in 2016 (Table 12). Details of the varieties involved, including their synonyms, are shown in Tables 13 to 15.

How important are the varieties from the various countries of origin in each wine-producing country is revealed by shares in Tables 16 to 18 and by the normalized varietal intensity index in Tables 19 to 21.

Tables 22 to 24 reveal for each country of origin the distribution of the globally planted area of its varieties across the various wine-producing countries. It is not surprising that the varieties of the three biggest countries of origin dominate globally, because those countries are by far the world's three biggest producers of winegrapes (Table 3).<sup>6</sup> Yet France differs greatly from Spain and Italy in the spread of their native varieties to other countries. Chart 16 shows there are seven other countries where French varieties dominate more than they do in their native France, whereas Charts 17 and 18 show that the vast majority of the world's vine area devoted to Spanish and Italian varieties are in their country of origin. That is even more the case for varieties originating in Portugal, with no more than 9% of their global area being outside of Portugal in the past decade (Tables 23 and 24).

**Particularly striking in Chart 16 is the high and increasing dominance of winegrapes of French origin in the New World's vineyards: that share averaged 68% in 2016, up from 59% in 2000 as Spain's share fell from 5% to 3% and Italy's remained at just 2%. French varieties' dominant and rising shares in the New World compare with a similar increase for the Old World's vineyards but from a much lower base: from 21% to 29% (Tables 16 and 18).**

Yet the winegrape variety that has expanded its share of global plantings most since 2000 is Spain's Tempranillo (followed by France's Cabernet Sauvignon, Syrah, Sauvignon Blanc and Chardonnay, see Chart 7); and this is despite Spain being the country that has lost by far the most vineyard area this century (Chart 3). **The explanation for Tempranillo's expansion is not that it has become more international, but rather that it has largely replaced Airén as Spain's most planted grape variety:** between 2000 and 2016, Spain's area of Airén shrank 184,000 ha while its area of Tempranillo increased by 114,000 ha. Chart 19 makes clear that more than 80% of the world's plantings of this variety are still in Spain, and the only other significant area is next door in Portugal.

By contrast, **Syrah is more important in Australia and South Africa than in its native France, and the next three countries where it is a significant variety are also New World countries** (Chart 20). Its importance has grown substantially in at least 15 countries, so much so that even though its shares of Australian and French vineyards were higher in 2016 than in 2000, those increases were smaller than in the rest of the world and so the Syrah's Varietal Intensity Index (its national share divided by its global share of all vineyards) has fallen for both Australia and France while rising for Argentina, Chile, the United States, Spain and Italy (Chart 21). For Tempranillo, however, its Varietal Intensity Index has increased for Spain, from 3.5 to 4.5, because all but one-tenth of the increased planting of this variety since 2000 has been in Spain and most of the rest has been in Portugal. Note, though, from the lines in Chart 21 that the normalized varietal intensity index (NVII) has risen since 2000 for Australia, in contrast to the fall in its VII. This divergence is possible because of the rising importance of Syrah in the global bearing area.<sup>7</sup>

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<sup>6</sup> In terms of number of varieties, Portugal appears to have a large global share but that is because it has introduced a particularly detailed reporting system that by 2010 captured many of its native varieties that are planted to a small fraction of 1% of its total plantings.

<sup>7</sup> See equation (3) in the Technical Notes at the front of this book.

The propensity for prime varieties to spread beyond their country of origin is captured for each country of origin in Chart 22 and for each country of planting in Chart 23. Not surprisingly, **those with the smallest share of exotic varieties in their national bearing area are all Old World countries**. By contrast, in most New World countries their local varieties account for less than 10% of their vineyard area.

To normalize for the size of each country of origin, Table 25 presents an Index of Internationalization of Prime Varieties that is defined for each country as the share of prime varieties originating from that nation in the global area of winegrapes divided by the share of that country in the global area of all winegrapes. By this measure, **the varieties of three smaller countries are more internationalized than those of France (Croatia, the UK and Greece), and three other countries' varieties are almost as internationalized as those of France, namely Georgia, Austria and Germany**. Only after those seven do Spain and Italy appear in that ranking. Most of the remaining varieties are from Southeastern Europe and the countries surrounding the Black and Caspian seas (Chart 24).

A complementary Index of Internationalization of National Varietal Choice is defined for each country as the share of that nation's winegrape area made up of the rest of the world's prime varieties (i.e., ones whose origin is another country) divided by the share of prime varieties originating from all other nations in the global area of winegrapes (Table 26). This Index, which is similar to the indicator in Chart 23 except for large providers of prime varieties, indicates that the vast majority of countries are heavily dependent on exotic winegrape varieties.

Yet another indicator of internationalization of varietal choices is the proportion of all the countries in our database that are growing particular varieties. Chart 25 depicts that for the world's top 30 varieties: in the most-recent decade, **Cabernet Sauvignon and Chardonnay were grown in at least three-quarters of our sample countries, and the next three (Merlot, Sauvignon Blanc and Pinot Noir) were grown in at least two-thirds of countries**. Table 27 extends that list to the top 100 varieties and shows the shares of our total number of intra-country regions that grow those varieties. In 2016, at least one-quarter of our 629 regions for that year grew those same five varieties plus Syrah. The next-most popular by this measure are Riesling, Cabernet Franc and Pinot Gris, which are grown in at least one-fifth of regions (Chart 26).

Finally in this section, Table 28 shows trends in the share of the national area taken by the top ten varieties. While the top variety's share on average for the world has not increased since 2000 (Chart 27), the shares of the top 3 and top 10 varieties nationally have increased slightly. This adds further weight to the argument that **varietal choices are becoming more concentrated even while they are becoming more internationalized** – notwithstanding efforts to breed new varieties to overcome vine pests and diseases (Table 29). The next section focuses on this from the viewpoint of the world's top 60 varieties, rather than countries.

### National winegrape areas for world's top varieties

To see which countries have been most important in the growing of the top varieties, Tables 30 to 32 rank countries for the top 24 reds, top 24 whites and top 8 grey varieties. For Cabernet Sauvignon, for example, France, Chile, the United States and Australia have been

the top four producers, although China may have nudged into 4<sup>th</sup> place by 2016 (Chart 65). For Merlot, it is France, Italy and the United States that hold the top three places, with China again nudging into 4<sup>th</sup> place by 2016. Spain and Chile have risen this past decade to be next in line (Chart 72).

Leaving aside Spain's dominant variety for producing brandy (Airén), Chardonnay is the world's top white variety. The ranking of the top five nations producing this variety was unchanged between 2000 and 2016: France, the United States, Australia, Italy and Chile, with South Africa and Spain close behind in recent years (Table 31 and Chart 67). As for grey varieties, Pinot Gris dominates. Again the ranking of the top five countries this past decade remains unchanged at Italy, the United States, Germany, Australia and France, but New Zealand is now close to joining that top group (Table 32 and Chart 76).

Tables 33-41 show the area of each of the top 30 red varieties, the national shares of the global area of each of those varieties, and their share of each nation's winegrape area, while Table 42 shows the change in their national areas since 2000. Tables 43 to 52 show similar data for the world's top 30 white varieties; and Tables 53-56 likewise for the few grey varieties.

### **Winegrape areas and Varietal Intensity Indexes for national top 15 varieties**

The Varietal Intensity Index is defined by Anderson (2010) as a variety's share of a region's total winegrape area divided by that variety's share of the global winegrape area. This index is thus a complement to national share information in that it indicates the importance of a variety in a region not just relative to other varieties in that region but also taking account of that variety's importance in the world. It also complements information on a country's share of the global area for a variety: like that share, the VII can change for a region – even if its area remains unchanged – when that variety's area in the rest of the world changes.

That complementarity is exposed in Tables 57 and 58, which show the top 15 varieties for each country ranked in order of their national share in 2000 or 2016, and alongside that is shown the country's global share of that variety and its Varietal Intensity Index. For example, France's varietal mix altered relatively little over the period 2000 to 2016, yet its VIIIs altered considerably. On the one hand, the **VIIIs for France's four biggest varieties of French origin (Merlot, Syrah, Chardonnay and Cabernet Sauvignon) each fell by 10% or more, in each case because bearing areas of those varieties expanded considerably in the rest of the world.** On the other hand, France's VIIIs for one of its three biggest varieties of non-French origin (Garnacha Tinta) rose by about 10%, in that case because its bearing area fell much more in the rest of the world than in France. Mazuelo was the big exception: its area in France fell by 67%, compared with a fall of 63% globally, and France's total winegrape area fell by 6% between 2000 and 2016, so its VII for that variety fell (from 4.2 to 3.7).

By contrast, the **global area of each of Spain's seven biggest varieties apart from Tempranillo contracted, and so even though the Spanish areas of each of those seven also contracted, the contractions were smaller in Spain than globally and Spain's total area shrunk by one-quarter, hence its VIIIs rose for almost all of them** (the exception being Garnacha Tinta, whose VII for Spain fell slightly).

Another example of global interest relates to Argentina, where Côt (main synonym: Malbec) was the country's 3<sup>rd</sup> biggest variety in 2000 but its biggest in 2016 (19.6% of the national winegrape area), when it accounted for 77% of the world's Côt plantings. Since that variety represented only 1.17% of the global area of all varieties in that year, **Argentina's Varietal Intensity Index for Côt was 16.8 in 2016. But that was slightly smaller than its VII of 17.2 in 2000, because over that period the global area of Côt doubled.** Note also that for Argentina, Côt is not even ranked in the top 15 varieties in terms of VIIIs in 2016 (Table 58), because there are numerous varieties that are unique to Argentina and that therefore have the even higher VII of 21.7 (see Chart 36: when a variety is grown only in one country, its VII is necessarily the inverse of the proportion of the global winegrape area accounted for by that country – and so is identical for each unique variety in that country and year).

To further illustrate the difference between the national share of a variety and its VII, consider again the national shares and the VII's for Syrah (main synonym: Shiraz). This is the most important variety in Australia, and its share of Australia's total winegrape area rose from 22% to 29% in the period 2000 to 2016. However, Charts 20 and 21 reveal that Syrah has become more important in numerous other countries as well since 2000. Thus its share of the global vineyard area rose, from 2.1% in 2000 to 4.0% in 2016. As a result, **Australia's share of Syrah's global area has fallen from 29% to 21% (Chart 20) and so Syrah's VII for Australia has fallen from 10.7 to 7.3 over that period** (Charts 22 and 37).

The fall in the VII for Australia is not unique to Syrah. Table 57 shows that of all top 14 varieties for which there were more than 1000 hectares in Australia in 2016, there are only two whose VII has risen since 2000 (Sauvignon Blanc and Colombard). Only a small fraction of that can be explained by Australia's share of the global area becoming larger, since its share has risen only marginally over that period (from 2.6% to 2.9%). The much more important reason for the VII falling for most of the key varieties in Australia is that the country's mix of varieties is becoming more similar to the global average.

Table 59 to 66 show by country the VIIIs and NVIIIs for each of 48 key varieties. And in sections B and C of the Charts at the front of this book, charts are provided for each of 25 key wine-producing countries to show the share and VII of the top 20 varieties in that country, and for each of the world's top 25 varieties to show the share and VII of the top 20 countries growing that variety.

### **Regional coverage of each country**

Interest in winegrapes and wine tend to be even more focused on regions than on whole countries. For that reason we have assembled bearing area data by variety also at the regional level wherever possible. The total area of each region's winegrapes are reported in Tables 67 to 69.

Needless to say, the average area of vineyard regions within countries vary across countries, but it also varies a lot across time for some countries because of variations in the degree of regional aggregation in each year's published data. How those regions fit into states/provinces/departments are shown for Australia, Italy and the United States in Table 70, and Table 71 shows how they concord over time between smaller and residual regions of various countries. How they concord with the regions depicted in the latest (8<sup>th</sup>) edition of the

*World Atlas of Wine* (Johnson and Robinson 2019) are shown for France, Italy and Spain in Tables 72 and 73. Table 74 shows the precise regions for which varietal area data are available in each of 2000, 2010 and 2016 and how the more-disaggregated regions fit into less-disaggregated ones for all the countries for which this is an issue. It also provides the page numbers in the *World Atlas of Wine* for each region. The VIIIs and NVIIIs for the top regions for the world's top varieties are provided in Tables 80 to 87.

## Location and climate indicators of the world's wine regions

The making of wine is intimately related to the climate in which its grapes are grown. The climate of each winegrowing region is a critical determinant of the suitability of the region to particular winegrape varieties. Hence vigneron's keen interest in climate change. As climates alter and planting areas expand or contract in the various wine regions, so will the quality, styles, productivity and profitability of the wines produced there. In Section VII some key climate variables are reported for each of the 813 regions in our database, after locating (in terms of latitude and longitude plus elevation above sea level) a representative town within or adjacent to each region. This is not perfect of course, given the variability of terroir in each region, but it provides a start to understanding how different are the climates of the world's various wine regions from each other and from national and global averages. It also allows one to see the range of climates over which the various winegrape varieties are grown in each country and globally. We summarize these patterns by classifying each region as either cool, temperate, warm or hot, as suggested by Gregory Jones (see Chart 29). That enables us to estimate shares of the national and global winegrape area of each variety that are growing in each of those climate zones.

Table 75 provides the latitude and longitude of each region's representative town and its elevation above sea level plus the average growing season temperature (GST) and precipitation (GSP). (For convenience of readers, the page number of each region in the 8<sup>th</sup> edition of the Hugh Johnson/Jancis Robinson *World Atlas of Wine* also is provided in that table.) These are from TerraClimate's high-resolution (1/24°, 4-km) monthly data, kindly averaged by Gregory Jones over the period 1958-2019. Seven additional climate variables from that same source are provided in Table 76. They are the mean value for each location of the following climate variables: annual average temperature, ripening period average temperature, growing season diurnal temperature range, ripening period diurnal temperature range, growing degree days, annual precipitation, and ripening month precipitation.

Jones and many others have found that GST is the most representative single indicator of climate insofar as it affects viticulture, so that is used here to summarize regional climates by classifying regions as either cool, temperate, warm or hot. True, towns are usually warmer than surrounding vineyards, whose elevation and climate can vary considerably within each region (Jones, Reid, and Vilks 2012). However, the world has warmed over the past six decades and so most regions' GST today would be higher than the representative location's 1958-2019 average.<sup>8</sup>

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<sup>8</sup> For example, the 1958-2019 average GSTs for towns representing Australian regions were compared with those recently generated for a new Climate Atlas by Remenyi et al. (2019). The latter are for the regions themselves, from gridded data for the more-recent 1997-2017 period. Instead of it being cooler than the towns' GSTs, its unweighted average was 0.4°C warmer across Australia's 64 GI regions.

The GST variable suggests that **44% of the world's vineyard area in 2016 was located in hot climates and only 3% in cool climates**. The hot share is down from 51% in 2000, indicating that vine-pulls this century have been concentrated in the hottest regions, particularly in the New World (Chart 30). Even so, **the share of New World vines in cool regions rose from 0.3% to 1.1% between 2000 and 2016, while in the Old World it has risen from 2.6% to 3.2%**. The cool regions are smaller in area than warmer regions, so their share of the number of regions in the world is somewhat higher, but still only 11%. These low shares are consistent with the fact that growing winegrapes in cool regions is more risky and perhaps less profitable today – although possibly not so in the future as those historically cool regions become warmer.

Table 77 ranks the world's top 120 varieties, in terms of bearing area, by their regional area-weighted average of the GSTs in which they were grown in 2016. Chart 31 depicts the climate zonal range for the world's top 40 varieties (again in terms of bearing area), revealing that **Riesling and Pinot Noir are in the coolest areas, Merlot and Chardonnay are on average in the temperate range, Côt and Syrah (Synonyms: Malbec and Shiraz) are on average in the warm range, and Tribidrag (Synonym: Zinfandel) and Colombard are closer to the hot end of the spectrum**. Similar data are shown in Table 77 also for the Old World and for the New World, while in Table 78 these same types of shares are shown for each of the top 25 wine-producing countries. That makes it possible to spot countries where the varieties shown in Chart 29 are being grown in what may be less-than-perfect climates for premium production. Australia, for example, grows cool-climate Pinot Gris and Gerwüzttraminer in climates that have area-weighted average GSTs of 19.7°C and 20.6°C, respectively, when according to Chart 29 they do best where GSTs are in the 13-15°C range. Similarly, Merlot and Syrah do best in regions where GSTs are in the 16-19°C range but in Australia their area-weighted average GSTs are 19.3°C and 19.6°C, respectively.

Conversely, Table 79 shows the distribution of each country's plantings over those four climate zones. The top 40 of those countries, in terms of bearing area, are depicted in Chart 32, again ranked by average GST from the coolest (Switzerland, Germany, Canada) to the warmest (such as Greece, Cyprus, Turkey).

## Varietal Similarity Indexes

While the Varietal Intensity Index is helpful in indicating the extent of specialization of a region or country in any particular variety vis-à-vis the rest of the world, a measure of how similar or different a region's overall mix of varieties is to that of other regions or the world also can be helpful. For that purpose an index of similarity of varietal mix between regions or countries or over time has been developed. As defined and explained in the Technical Notes at the front of this volume, this Varietal Similarity Index provides an indication of how closely the shares of different varieties in the winegrape area in one location match the shares in another location or in the world, or in that same location in another time period. The closer (further away) that match, the closer the index is to one (zero). That is, the index will be zero for pairs of regions with no overlap in their winegrape varietal mix, and one for pairs of regions with an identical varietal mix. The index is conceptually similar to a correlation coefficient in that it is completely symmetric so the results can be summarized in a symmetric matrix with values of 1 on the diagonal, plus a vector that reports the index for each region relative to the global varietal mix.

Various questions can be addressed with the help of this Varietal Similarity Index (VSI), given the heterogeneity across regions and even countries in their winegrape varietal mixes. The most obvious is: how similar is each country to the global average mix of varieties? The range of national-world VSI's is quite wide (Tables 88 to 90 and Chart 33), with a handful of countries above 0.55 and another handful below 0.15. Not surprisingly, the varietal mix in France is closest to the global mix, but there have been major changes since 2000: that for France and numerous other countries are now closer to the world average (i.e., VSI closer to 1), reflecting the fact that many other countries have adopted more French varieties over the past two decades. That global move toward French varieties has also contributed to the sharp rise in the VSI for the United States – and the small drop for Spain. Australia's VSI has risen in part because so many other countries have expanded their plantings of Australia's most-popular variety, namely Syrah.

The fact that the VSI with the world rose between 2000 and 2016 for New World countries except Canada and for two of the three biggest Old World countries (Chart 33) is a further reflection of the recent increase in varietal concentration in the world's vineyard over that decade. Meanwhile, the VSIs for many of the former communist countries of the Old World (but not Serbia, Bulgaria or Moldova) have fallen substantially since 2000 as those countries continue to restructure their vineyards and move toward more-profitable (including local) varieties.

The VSI is useful also for indicating, for any one region or country, how close its varietal mix in 2016 is to what it was in 2000 (Table 91). Chart 34 lays that out for each country for which there are comparable data for the two periods. While some countries have an across-time VSI close to one (Switzerland 0.98, Austria and Romania 0.97), others are below 0.5 which reflects considerable changes in their varietal mix of bearing areas over that decade.

The main use of the VSI is in examining the extent to which a region or country has a varietal mix similar to that of other regions or countries. **In both 2000 and 2016, the New World countries have varietal mixes closest to other New World countries, whereas the varietal mixes of Old World countries are closest to one of their neighbours** (Table 92 to 94). The latter is especially the case among the countries of Eastern Europe and the former Soviet Union. This shows up in Chart 34, which ranks countries according to their VSI with the country that has the closest varietal mix to theirs in 2016: half of the first 20 countries are former communist countries of the Old World, and their closest-matched country is also from that region – as are several of their other closest-matched countries shown in Table 94. So even though those countries tend to have varietal mixes very different from the world average (they are biased toward the right-hand side of Chart 33), those mixes are very similar to each other. By contrast, **several West European countries have no other country with a similar varietal mix, notably Greece, Portugal, Spain and Italy** (Chart 35). Such varietal distinctiveness may or may not be a good thing economically, depending on how unique their terroir is and how valued their local varieties are by consumers.

There are of course considerable differences in varietal mixes between regions within each country as well. That information may be helpful for producers thinking of altering their varietal mix or re-locating to a region with a higher latitude or elevation so as to maintain their firm's current varietal mix in the wake of global warming. Tables 95 to 97 show that for some countries such as Italy, the regions with the closest mix to theirs are neighbouring Italian regions, whereas the closest matches for many French regions are in other countries.

## Climatic Similarity Index

The Climatic National Similarity Index draws on the shares of each country's winegrape area that are in Cool, Temperate, Warm and Hot climate zones. As explained in the Technical Notes at the front of this book, it is designed to see how similar the climate mix of one country's wine regions is to the climate mix of other countries or of the world. Table 98 reports those indexes as between each of the 53 countries in our sample, as well as with the Old World, the New World, and the world as a whole. Chart 36 ranks the top 35 wine-producing countries' climate mixes according to their proximity to the world's average for winegrape-growing regions. It suggests the United States, Australia and Portugal are the closest to that global average, and Canada, Germany and Switzerland are the countries most distant from that average.

## A premium climate indicator

Chart 29 suggests the ideal GST ranges for premium winegrape production for 21 key varieties. Using that information, Table 99 provides the share of the bearing area of each of those varieties in each country that is grown within that ideal GST range. Chart 37 summarizes those data for the world. It indicates that two Italian varieties (Dolcetto and Nebbiolo) are ranked highest by this measure. That is perhaps because all but 6-7% of the area planted to those varieties globally are in Italy. By contrast, less than 40% of Chardonnay, Pinot Gris and Tribidrag globally is growing in ideal climates.

Between 2000 and 2016, as winegrapes globally have both internationalized and become more concentrated, 12 of the 21 varieties have seen a decline in the share of their area in ideal climates. Perhaps surprisingly, however, in the New World over that same period, only 4 of the 21 varieties have seen a decline in the share of their area in ideal climates (Table 99).

## Summary data for each key variety and country

To assist readers wishing to focus on a particular variety or country, Chart sections B and C at the front of this book provide, in alphabetical order, charts for the top 25 wine-producing countries and for the world's top 25 varieties. In Table 100 a complete matrix of data is provided on how many hectares of each of the world's top 300 varieties are planted in each of our 53 various countries as of 2016 (and in the Old World, New World, and world as a whole).

## Final word

While this volume provides a great deal of information about which winegrapes have been grown in various regions during the first two decades of the 21<sup>st</sup> century, it leaves open the question of *why* those varieties have been produced where they are. Is it driven mainly by what grows best in each location (the terroir explanation)? Gergaud and Ginsburgh (2008) argue that even in Bordeaux that has not been the main explanation. Is the increasing concentration on major French varieties because non-French producers – particularly in

newly expanding wine-producing countries – find it easier to market them because of France's strong reputation with those varieties? Might part of the explanation be that those varieties do well in a wide range of growing environments (including in the warmest regions of New World countries where popular commercial wines are produced by huge firms), or have been found to be desirable for blending with the traditional varieties of a region? Is the increasing concentration on red varieties simply because of China's rising demand for (overwhelmingly red) imported wines? These and other centripetal forces during the first decades of this century apparently have dominated the possible centrifugal forces mentioned at the start of this Introduction. It remains to be seen whether the latter will be strong enough to dominate the former over the next decade or so. Regardless, climate changes are going to encourage producers to consider a wider range of varieties in the future. Thankfully there are thousands of varieties from which to choose, even if one only focused on Italy (D'Agata 2014), Iberia, Eastern Europe (Gilby 2018) and the Caucasus (Ketskhoveli 2012, Maghradze et al. 2012, Yesayan et al. 2018, and Serdyuk 2020).

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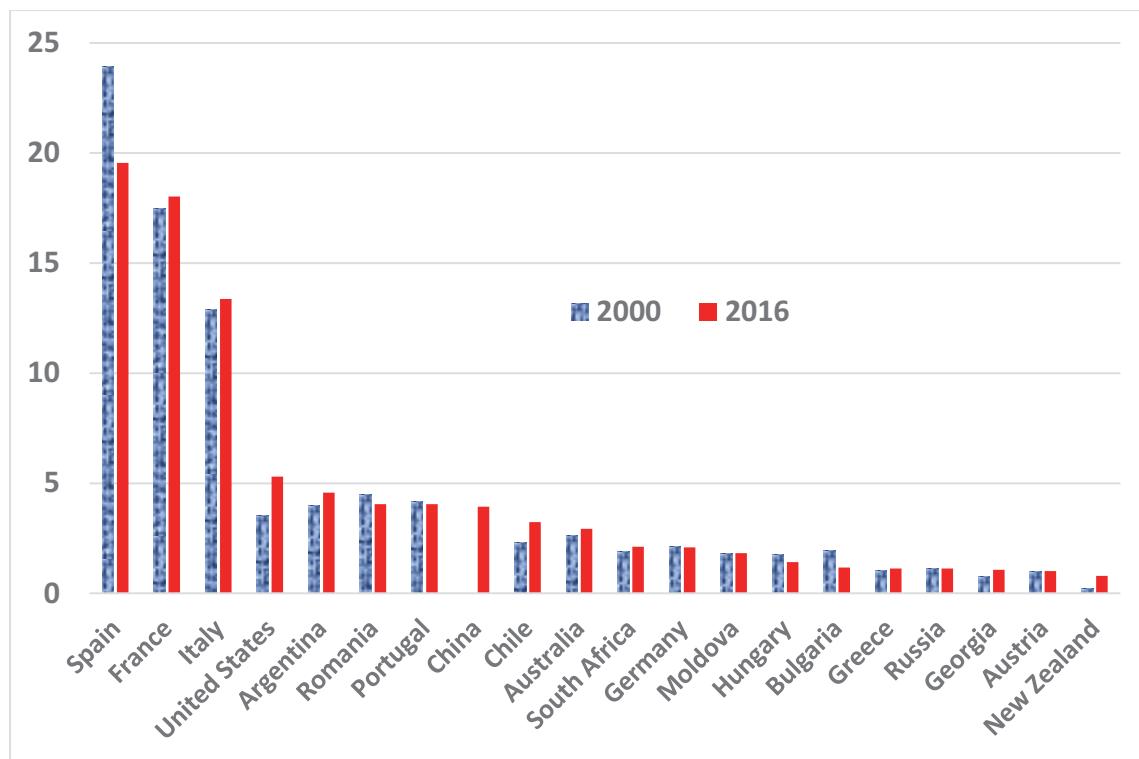
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# **Charts**

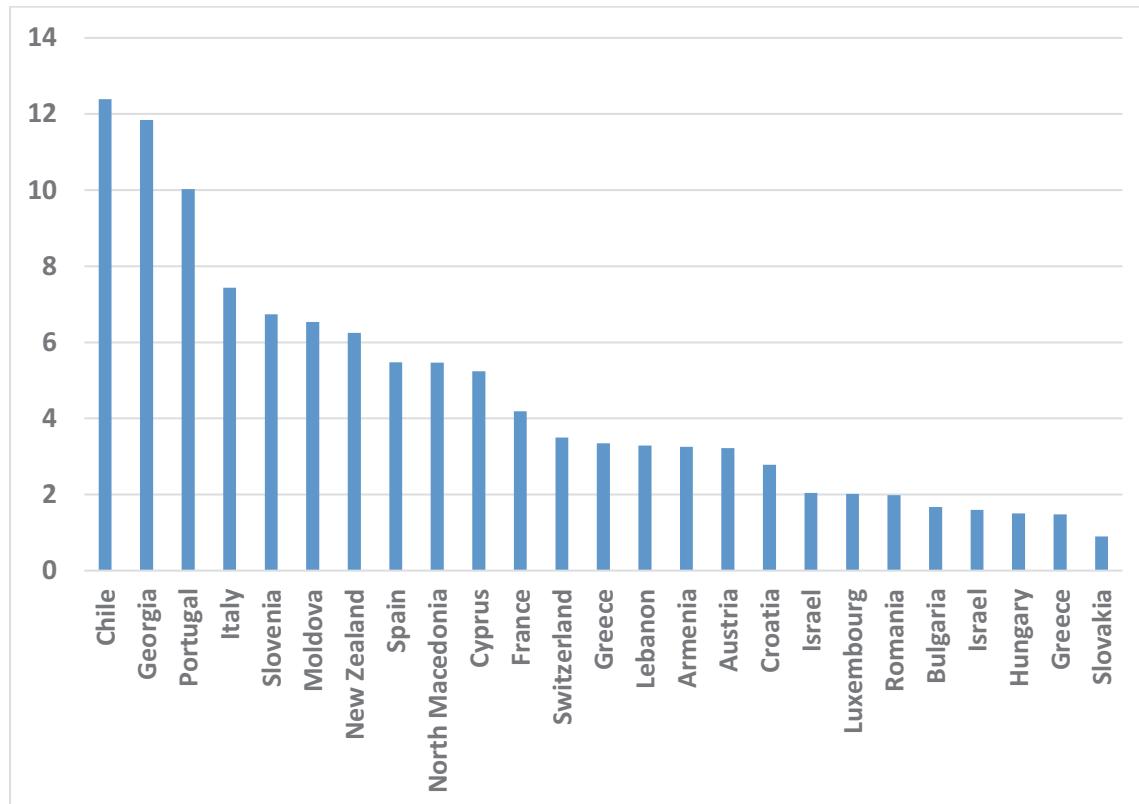
## **A. Overview**

**World's winegrape varieties at a glance**

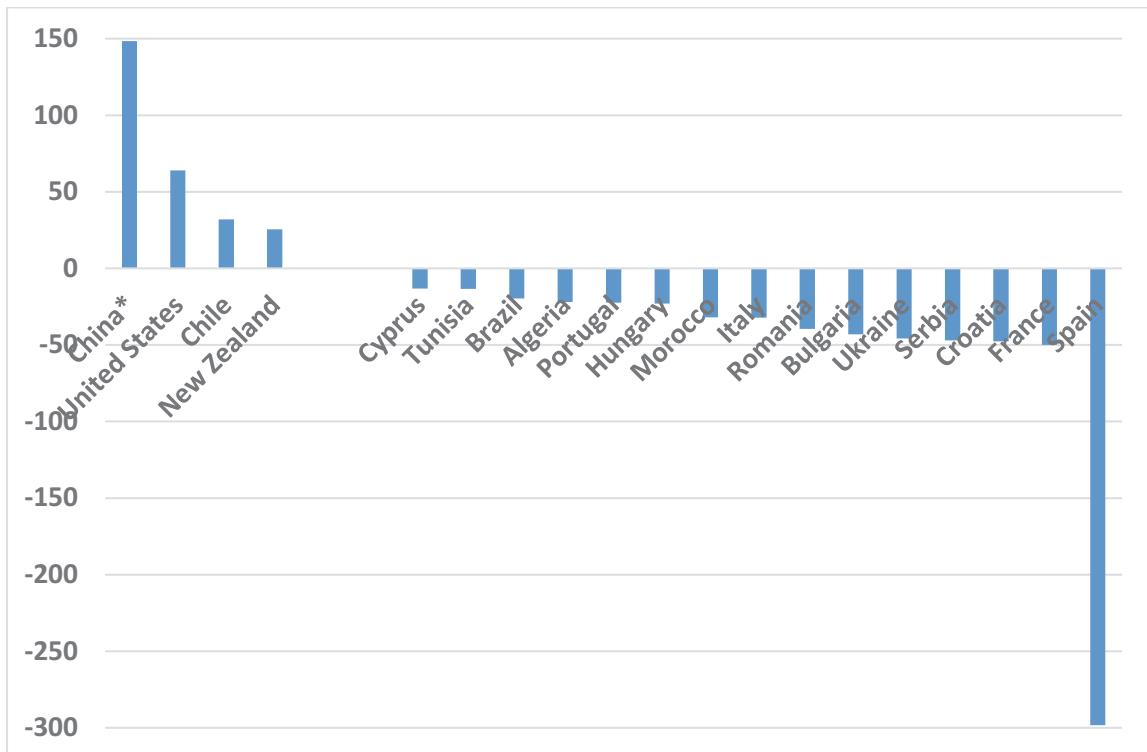
## 1. National shares of global winegrape area, 2000 and 2016 (%)



## 2. Share of national agricultural crop area under winegrapes, 2016 (%)

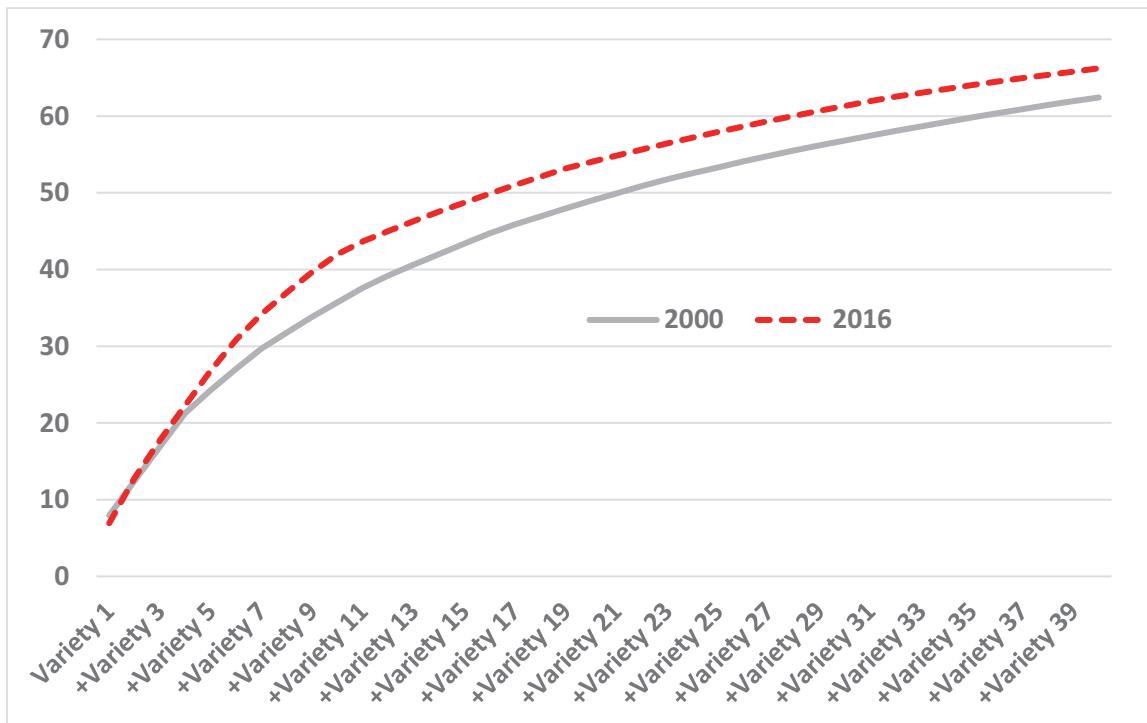


**3. Largest increases and decreases in national winegrape bearing area, 2000\* to 2016 ('000 ha)**

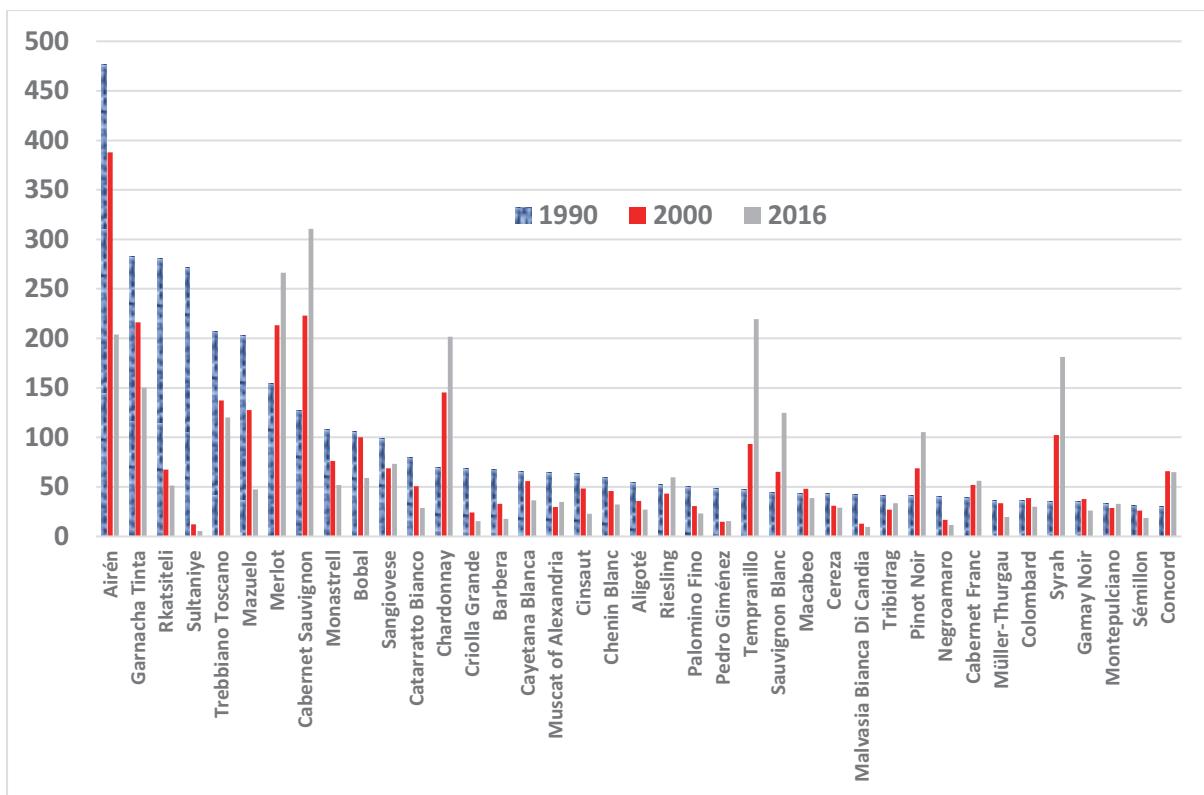


\*For China, the increase shown is from 2010 to 2016, since the 2000 area is unknown

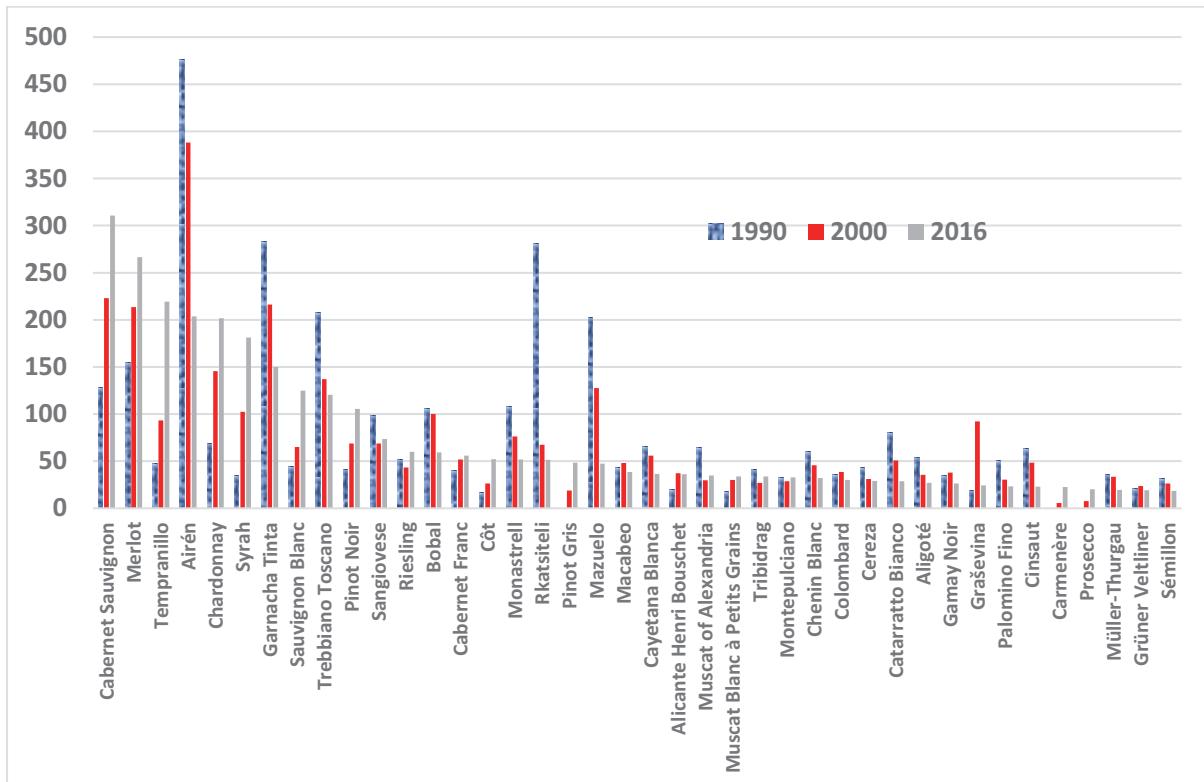
**4. Cumulative varietal shares of global winegrape area, 2000 and 2016 (%)**



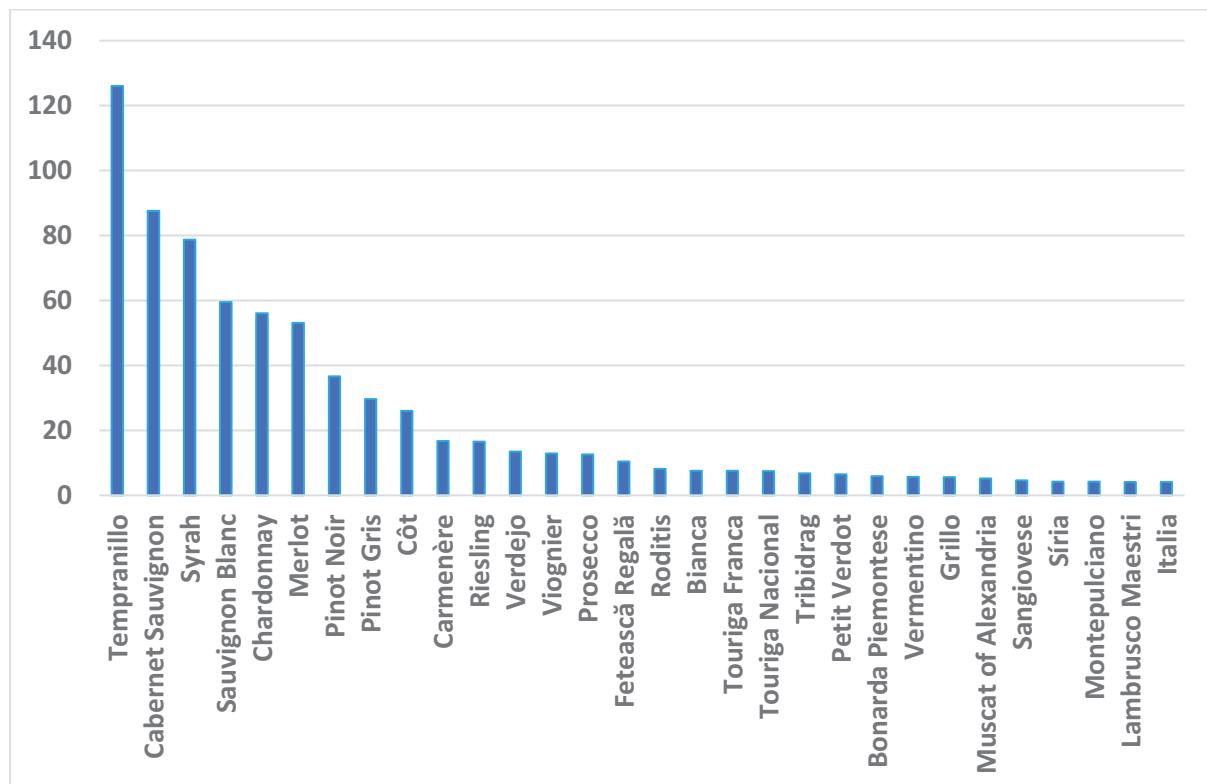
## 5. World's top 40 varieties in 1990 compared with 2000 and 2016 ('000 ha)



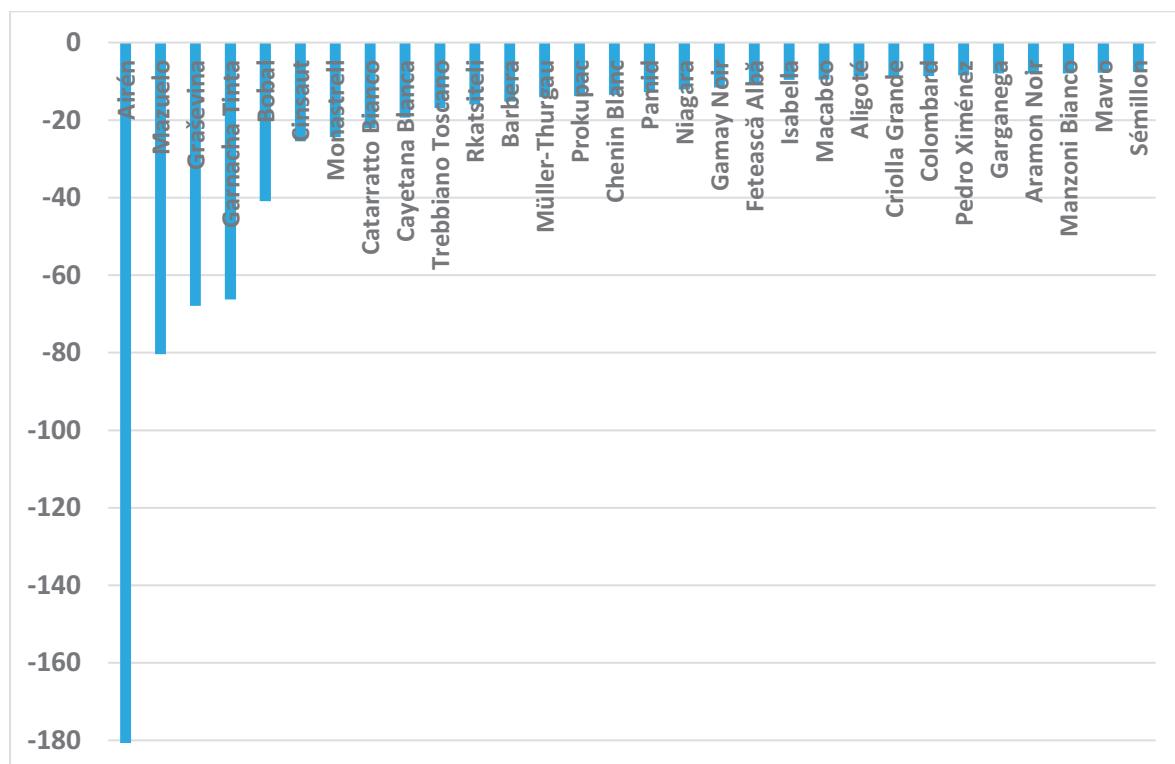
## 6. World's top 40 varieties in 2016 compared with 1990 and 2000 ('000 ha)



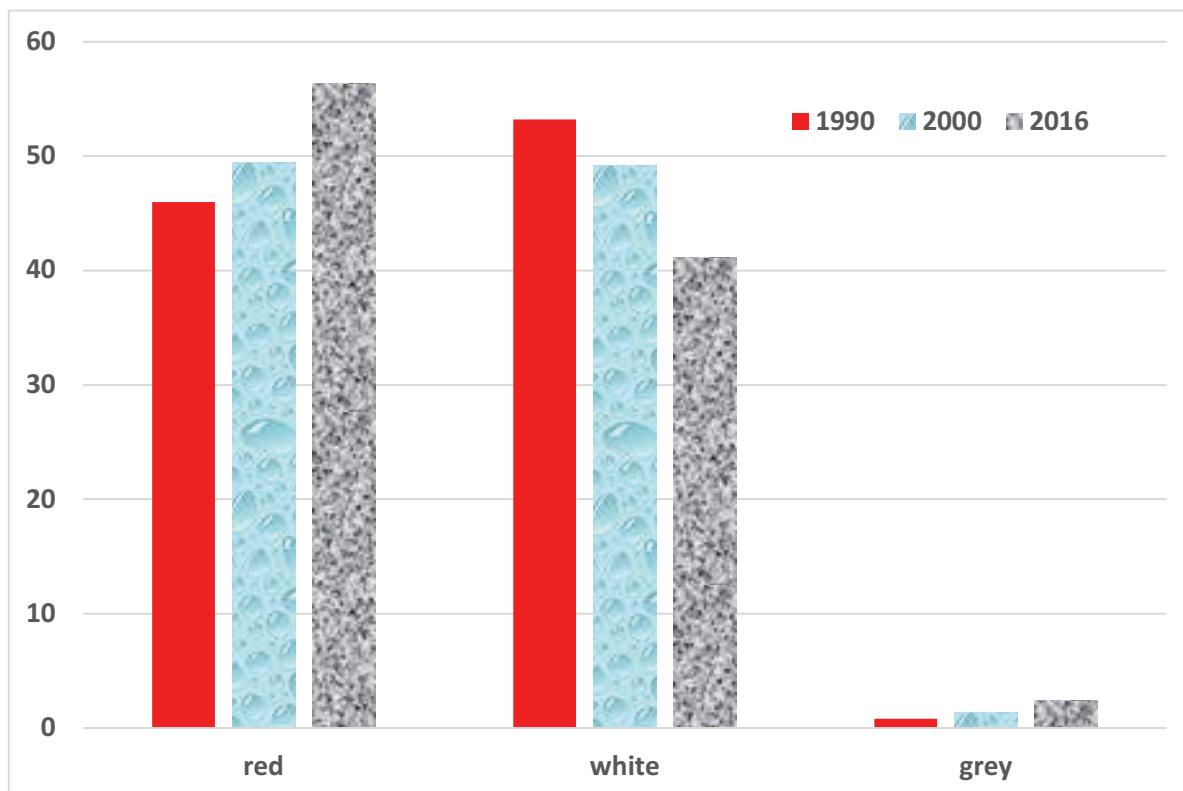
**7. World's 30 winegrape varieties with most-expanded areas, 2000 to 2016 ('000 ha)**



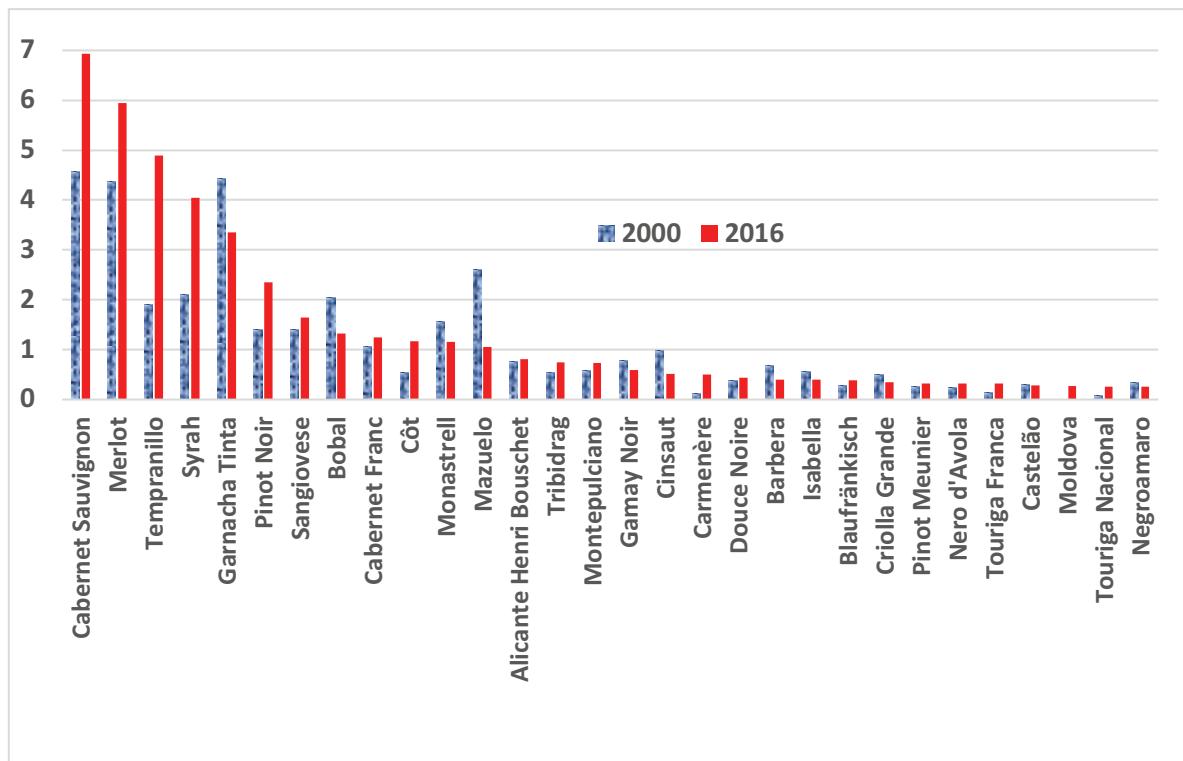
**8. World's 30 winegrape varieties with most-contracted areas, 2000 to 2016 ('000 ha)**



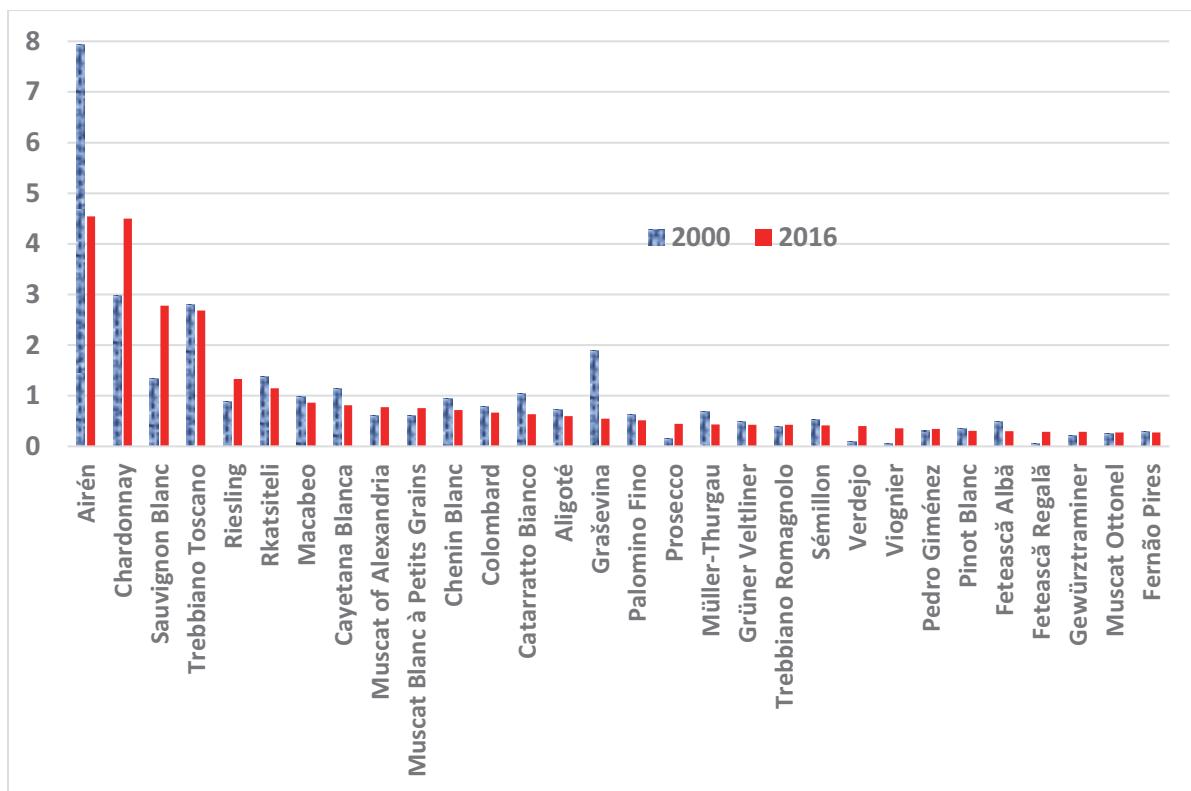
**9. Red, white and grey varietal shares of global winegrape area, 1990, 2000 and 2016 (%)**



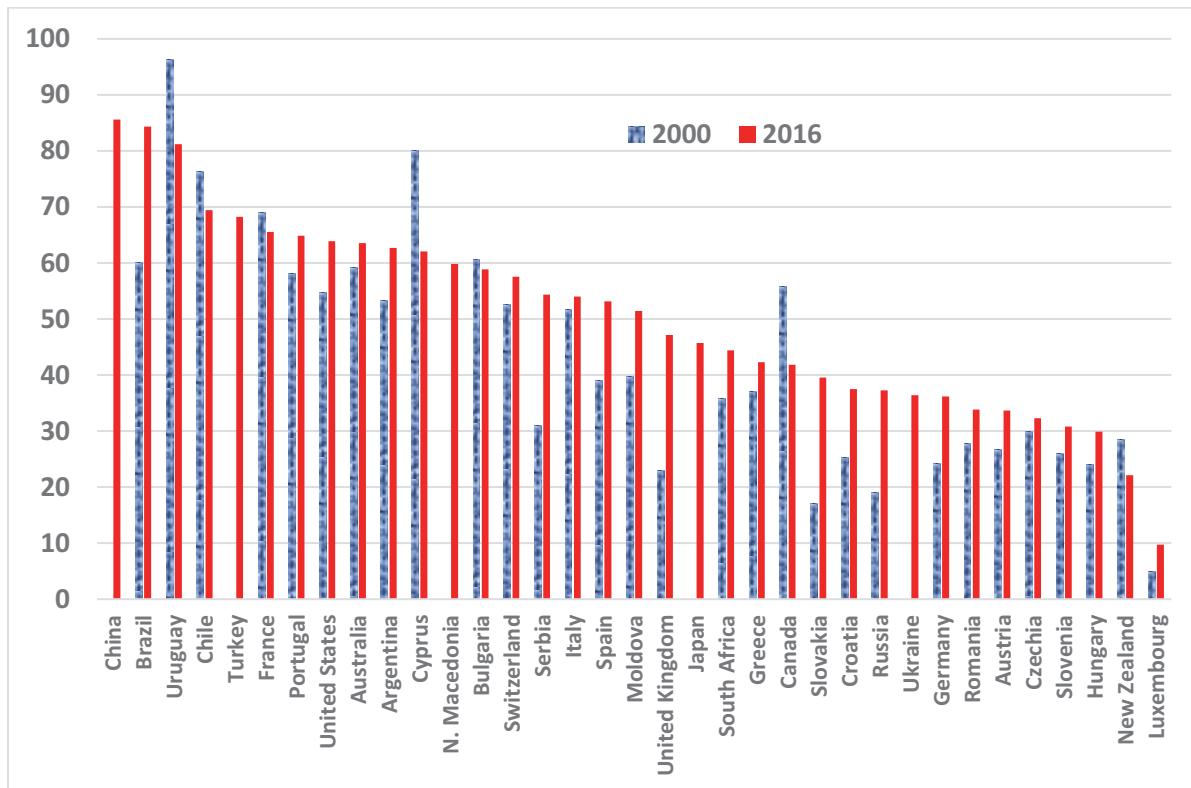
**10. Top 30 red varieties' shares of global wine area, 2000 and 2016 (%)**



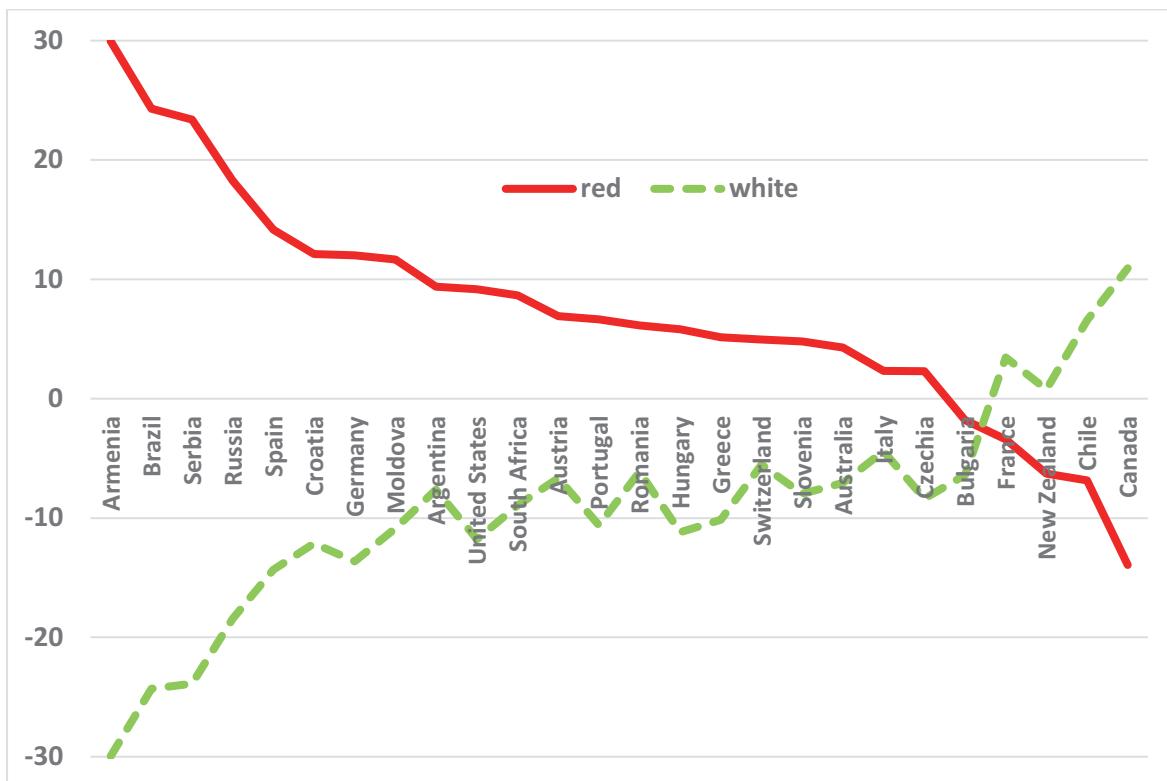
## 11. Top 30 white varieties' shares of global wine area, 2000 and 2016 (%)



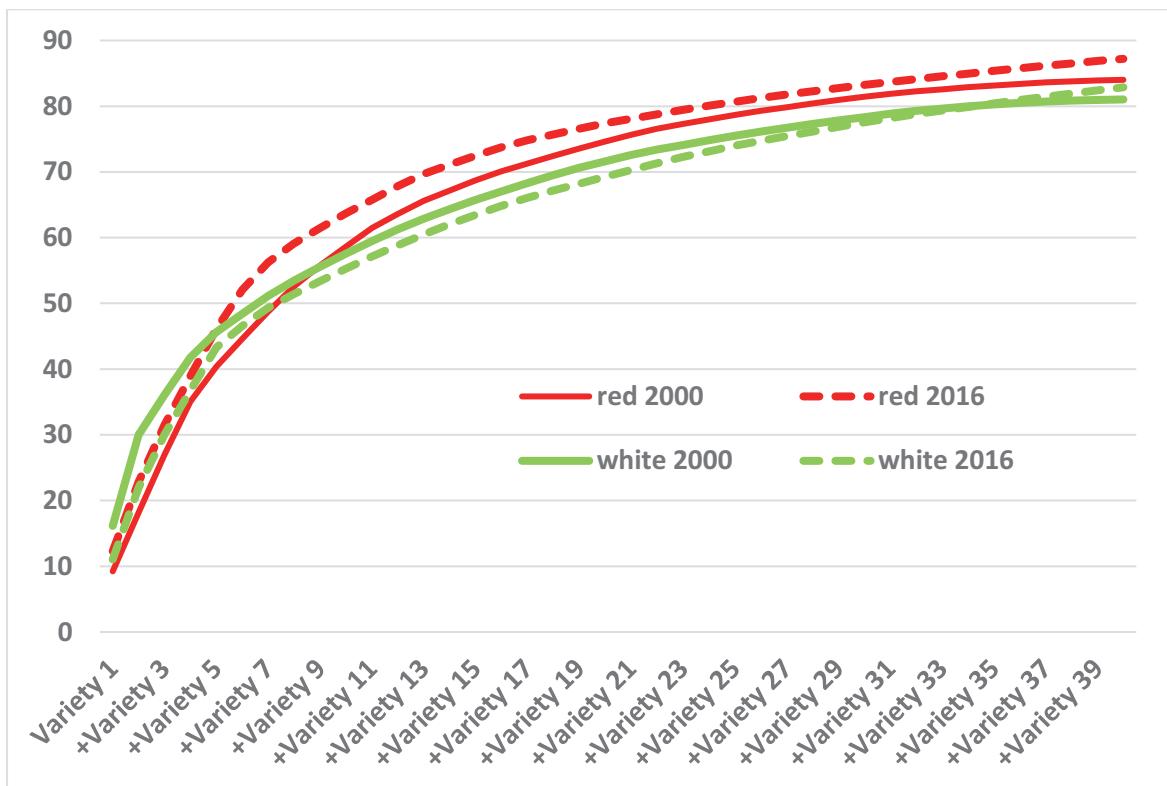
## 12. Share of red varieties in national winegrape area, 2000 and 2016



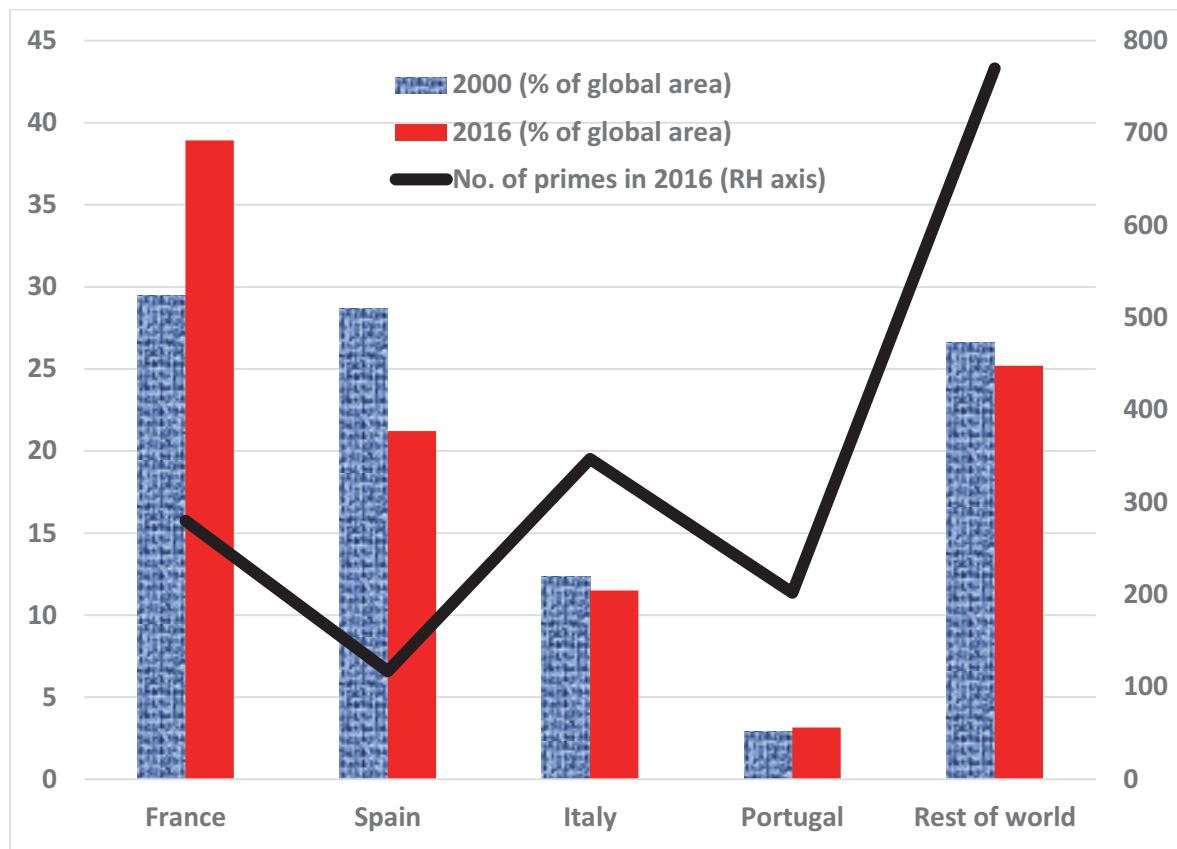
**13. Percentage point changes in shares of red and white varieties in national winegrape area, 2000 to 2016**



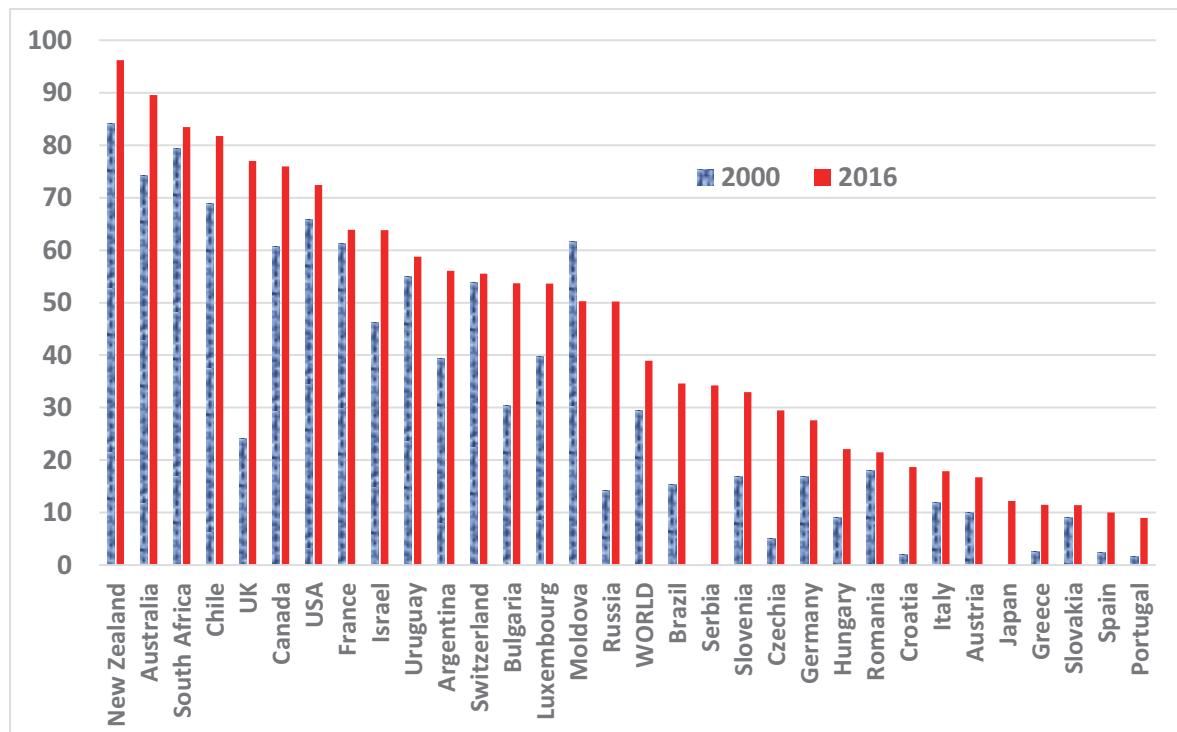
**14. Cumulative varietal shares of world's red and white winegrape areas, 2000 and 2016 (%)**



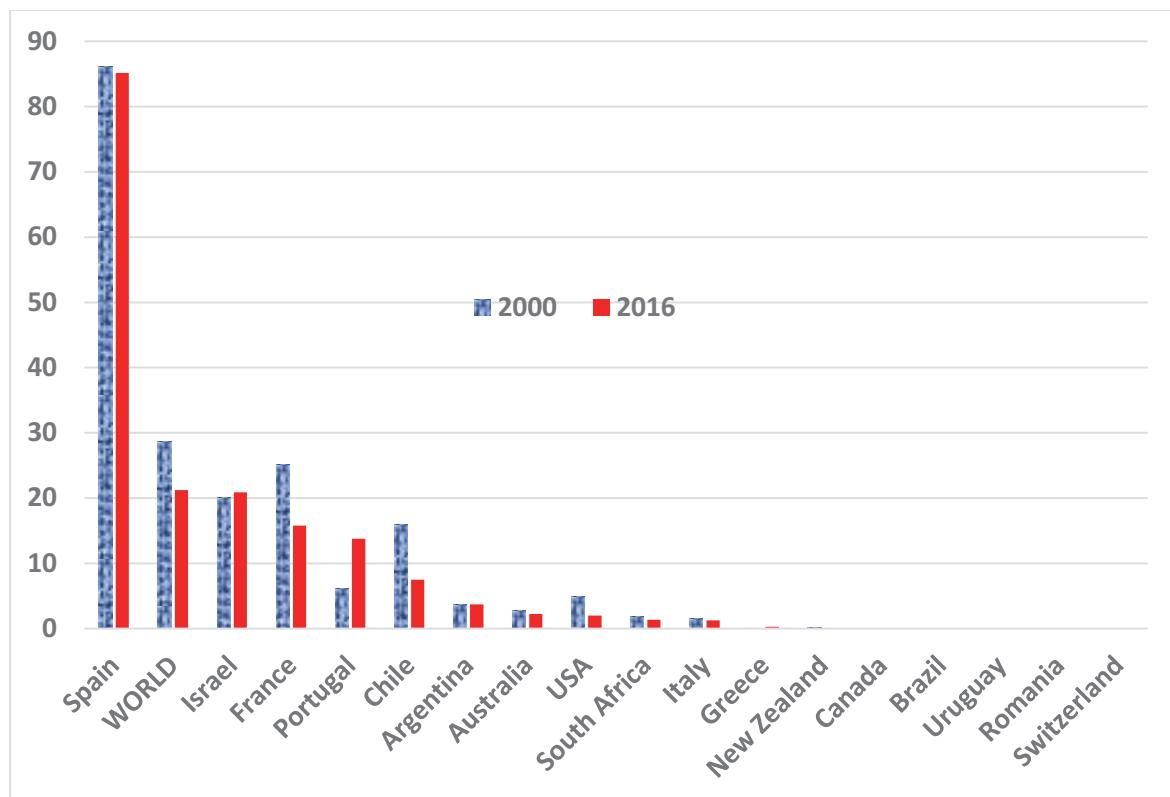
**15. Number of prime varieties and their share of global bearing area, by country of origin of primes, 2000 and 2016 (# and %)**



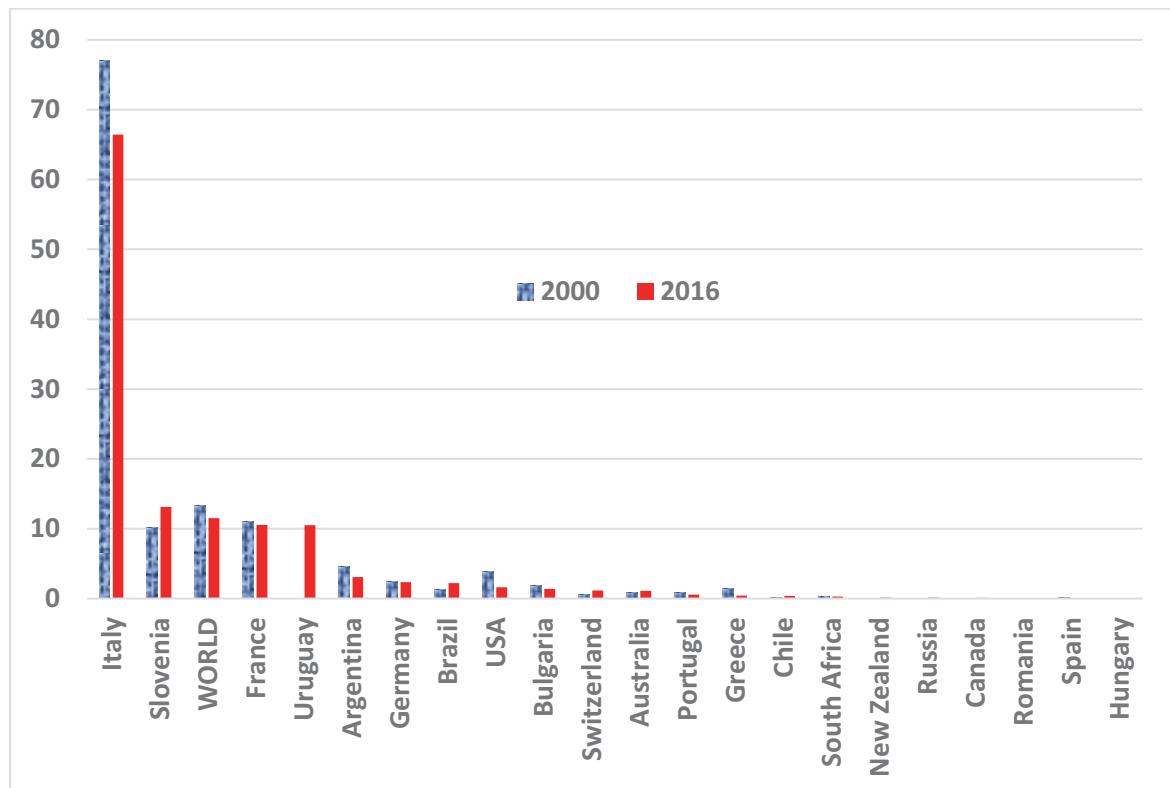
**16. Shares of French varieties in national winegrape areas, 2000 and 2016 (%)**



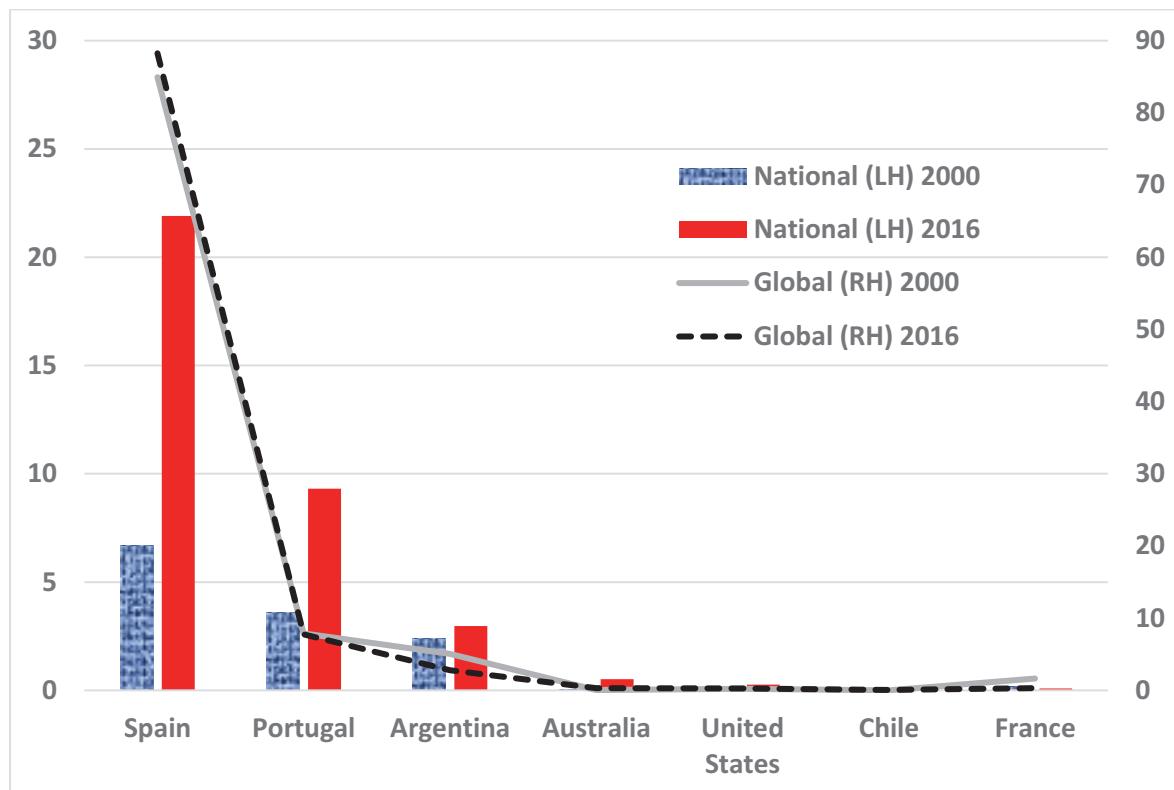
**17. Shares of Spanish varieties in national winegrape areas, 2000 and 2016 (%)**



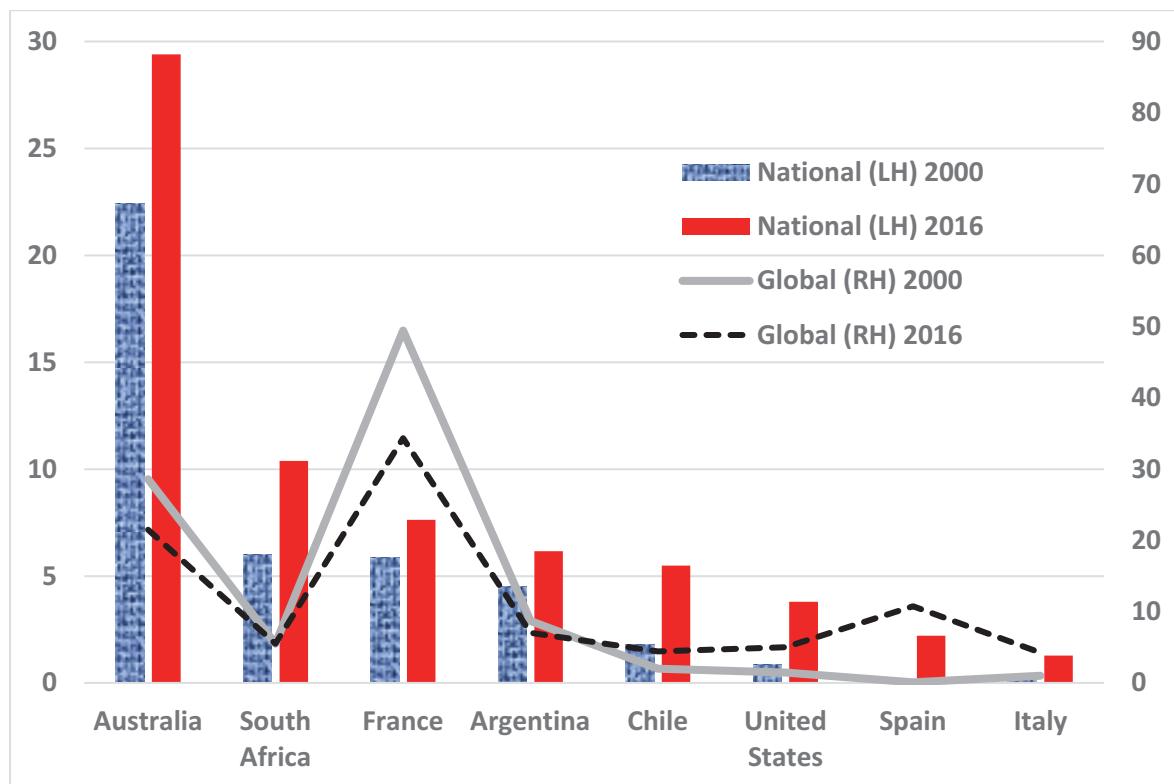
**18. Shares of Italian varieties in national winegrape areas, 2000 and 2016 (%)**



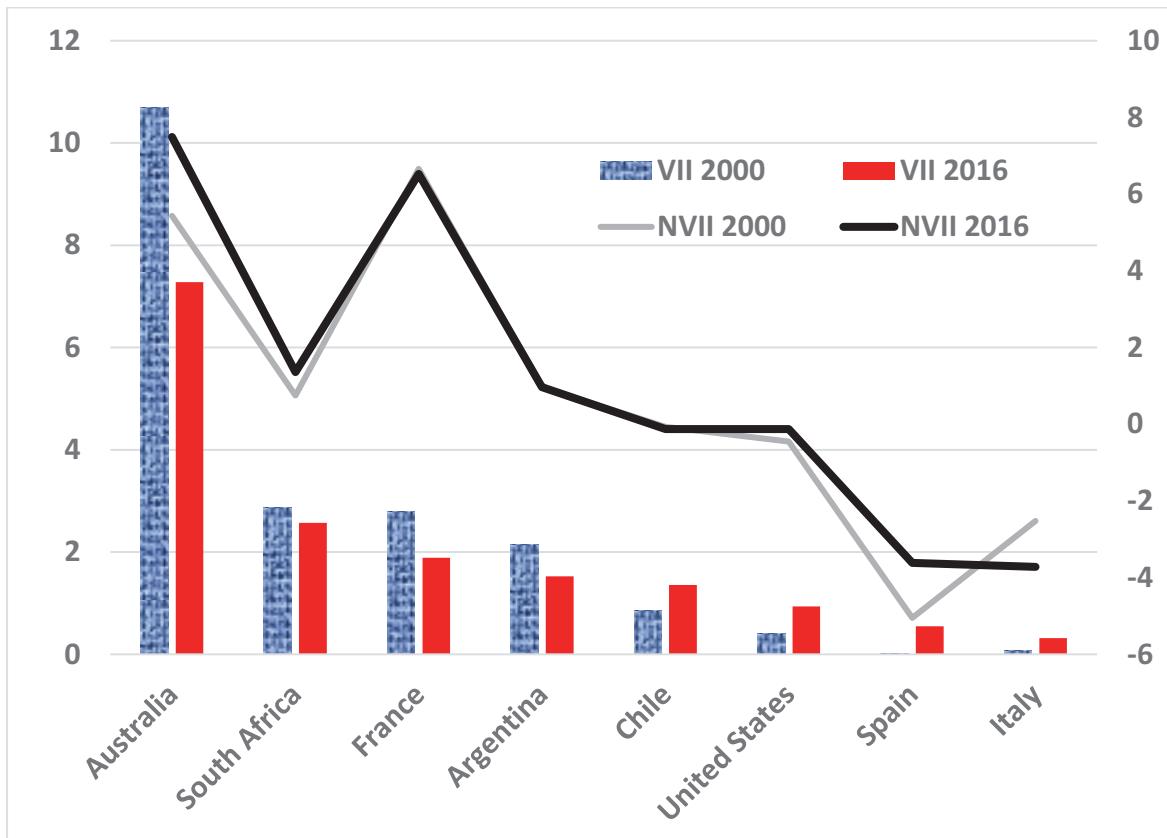
**19. Shares of Tempranillo in national winegrape area and national shares of global Tempranillo area, 2000 and 2016 (%)**



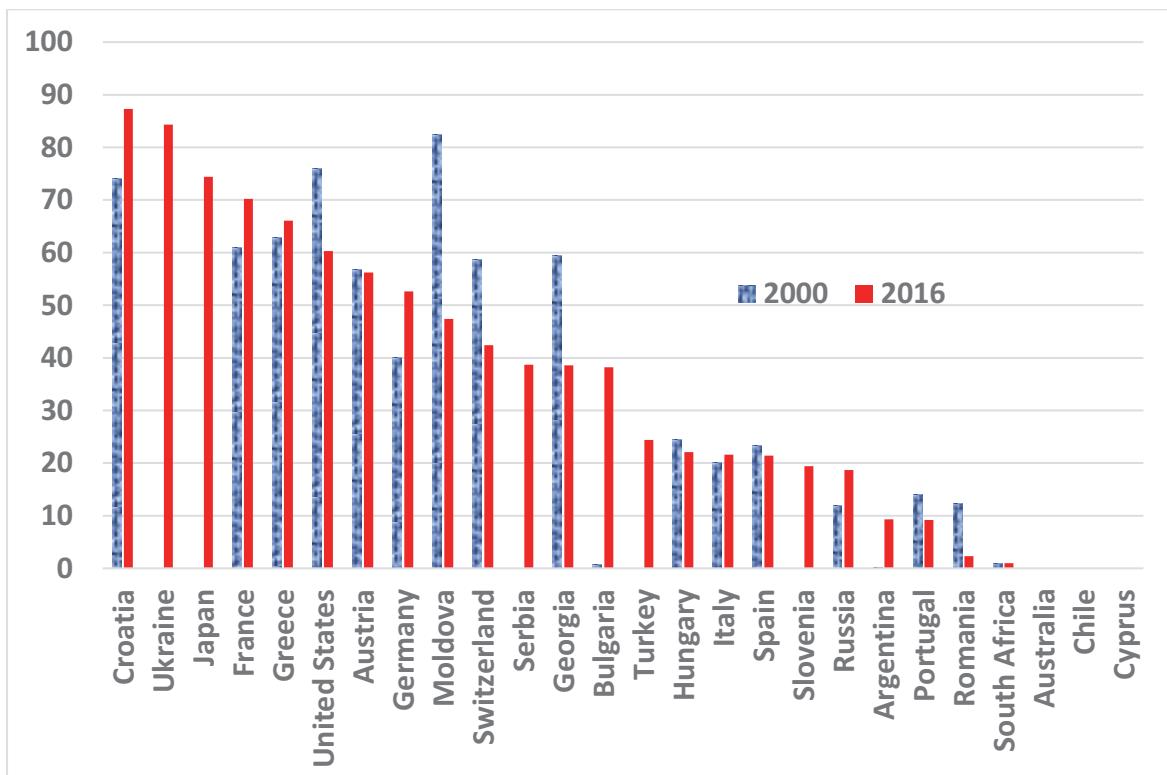
**20. Shares of Syrah in national winegrape area and national shares of global Syrah area, 2000 and 2016 (%)**



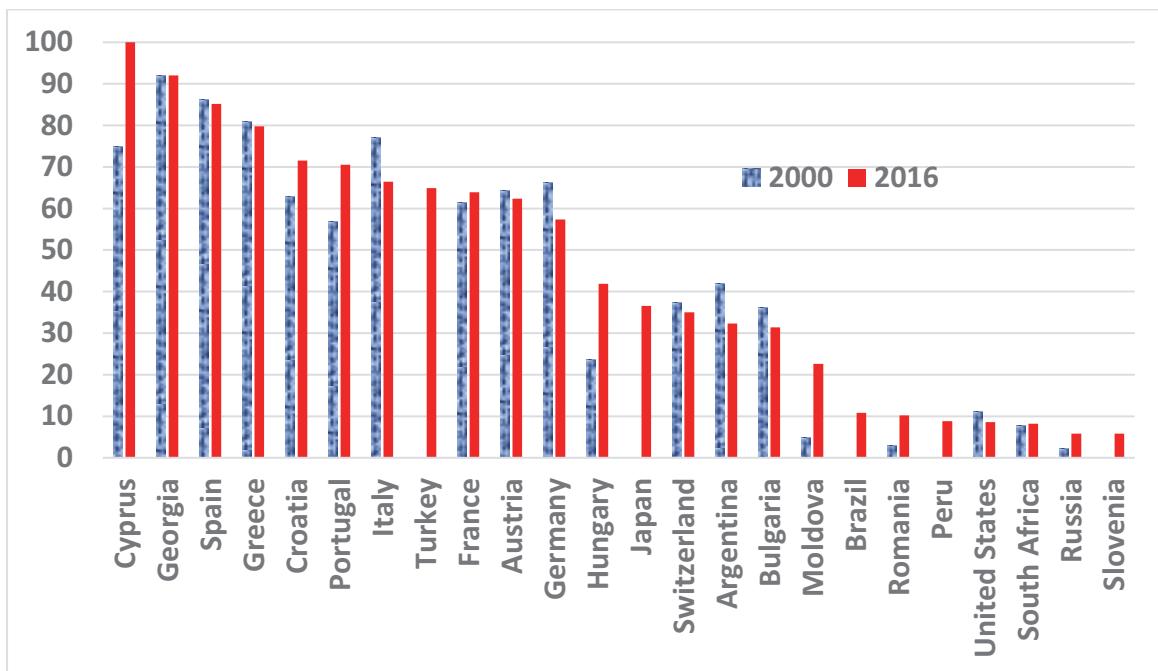
**21. Varietal Intensity Indexes (VII and NVII), Syrah, key producing countries, 2000 and 2016**



**22. Share of global bearing area of prime varieties that is outside the country of origin, by country of origin, 2000 and 2016 (%)**

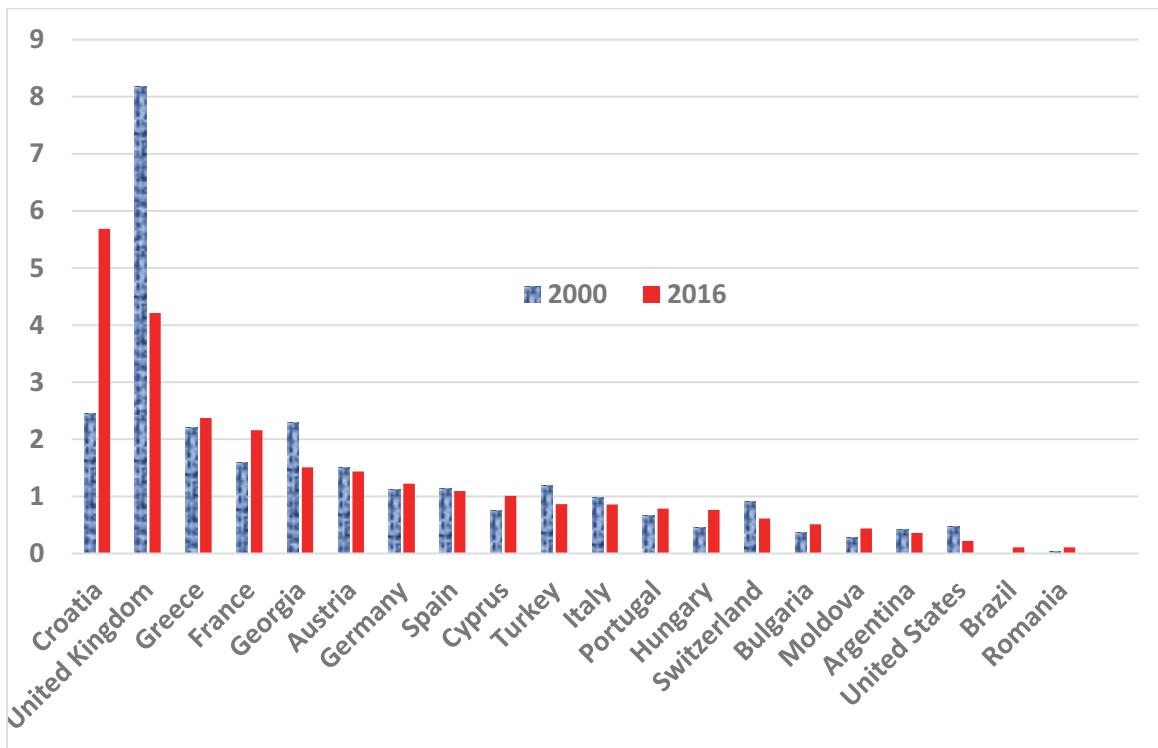


**23. Share of national bearing area that is own countries' prime varieties, by country of planting,<sup>a</sup> 2000 and 2016 (%)**

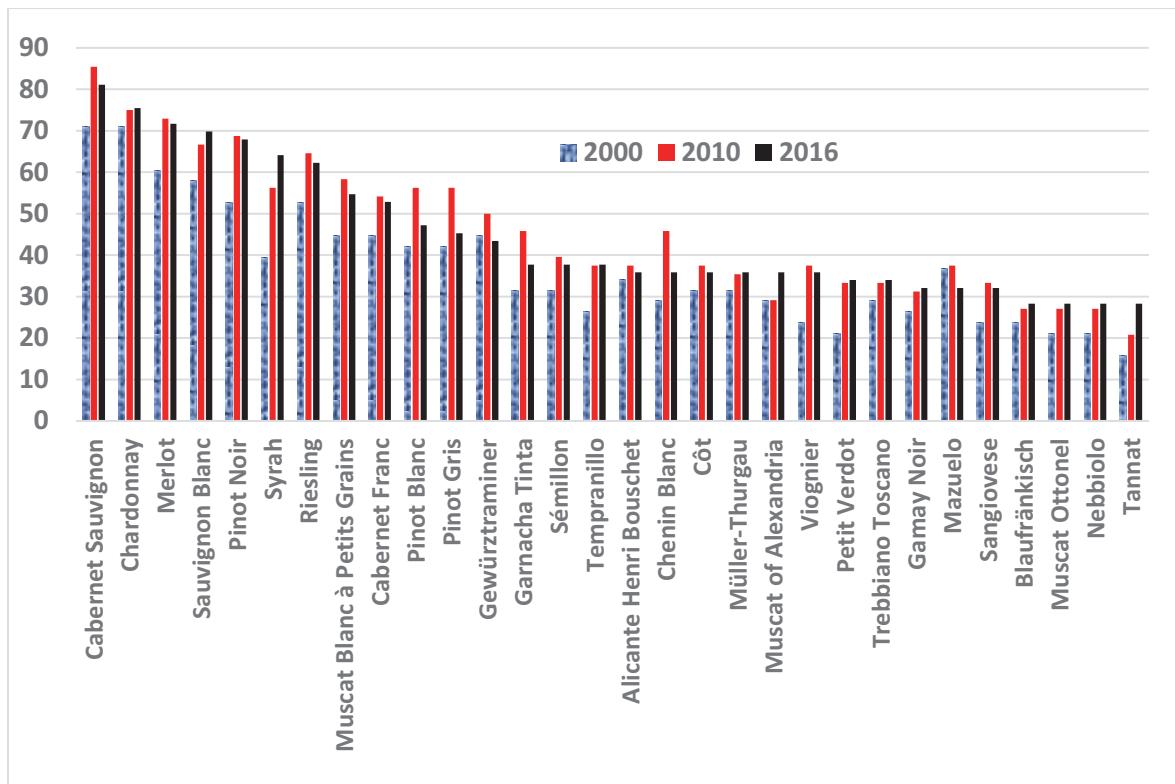


<sup>a</sup> All other countries are <5%.

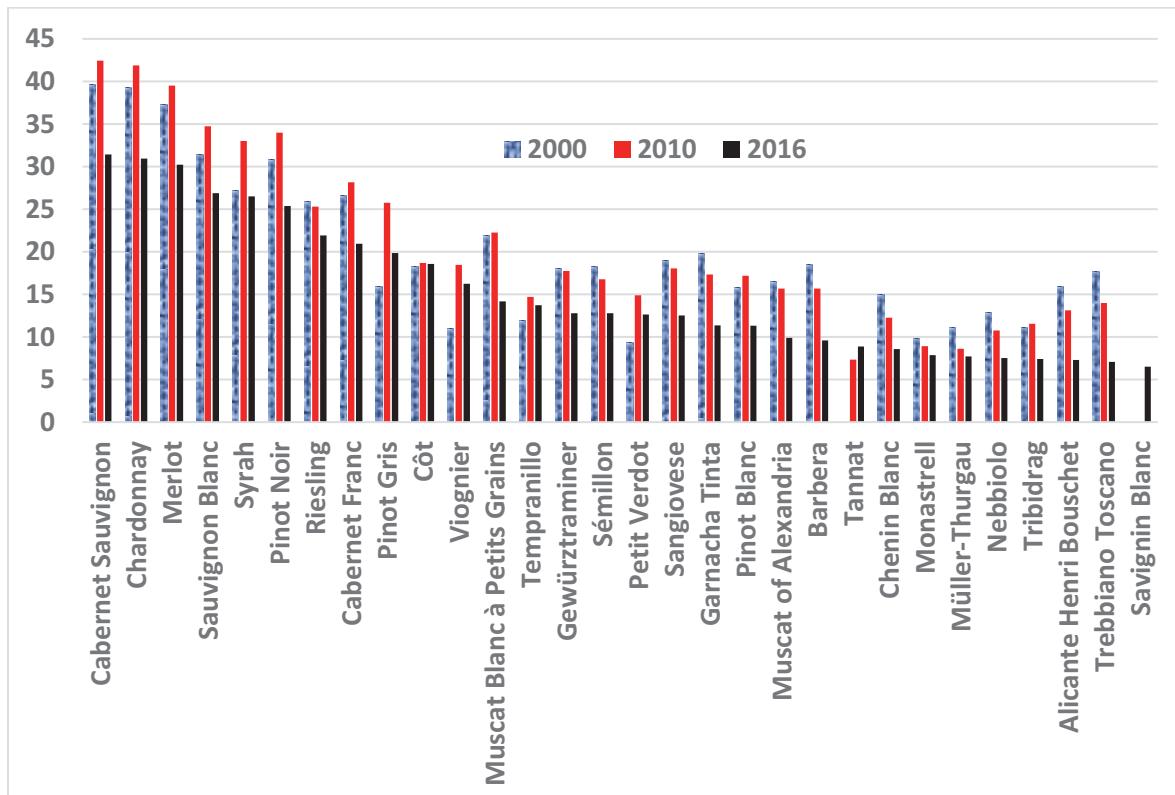
**24. Index of internationalization of prime varieties, by country of origin, 2000 and 2016**



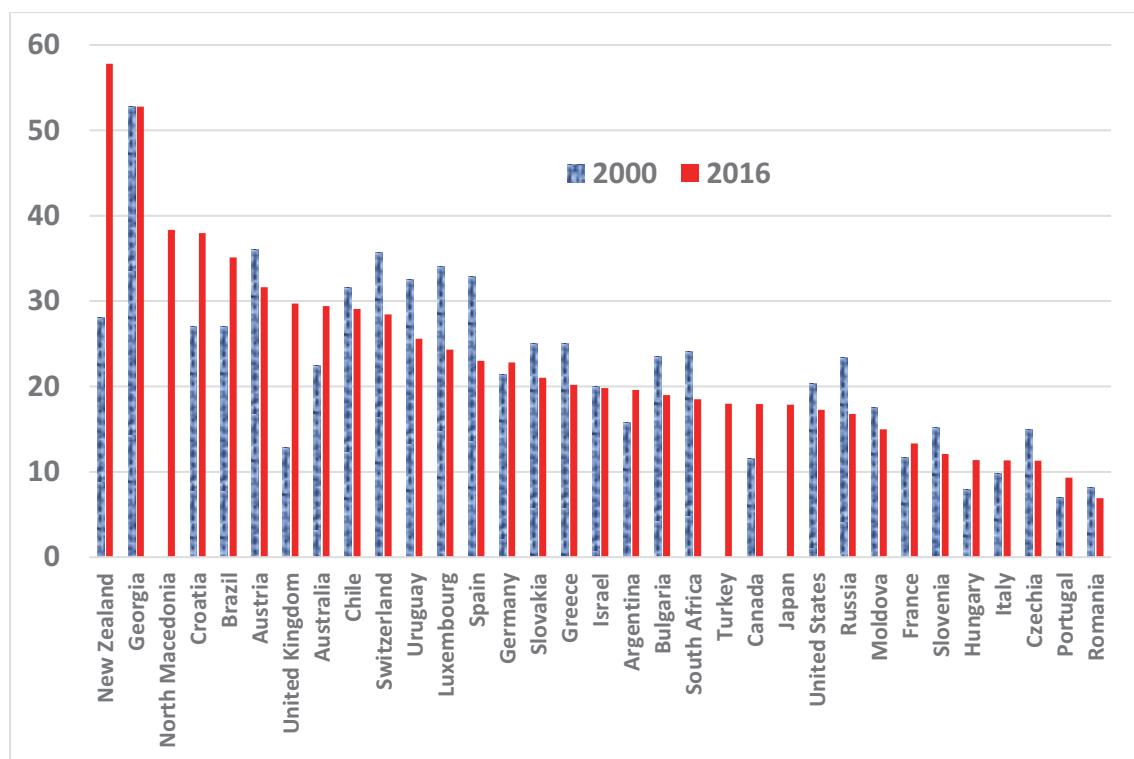
**25. Share of database's countries growing top 30 varieties, 2000, 2010 and 2016 (%)**



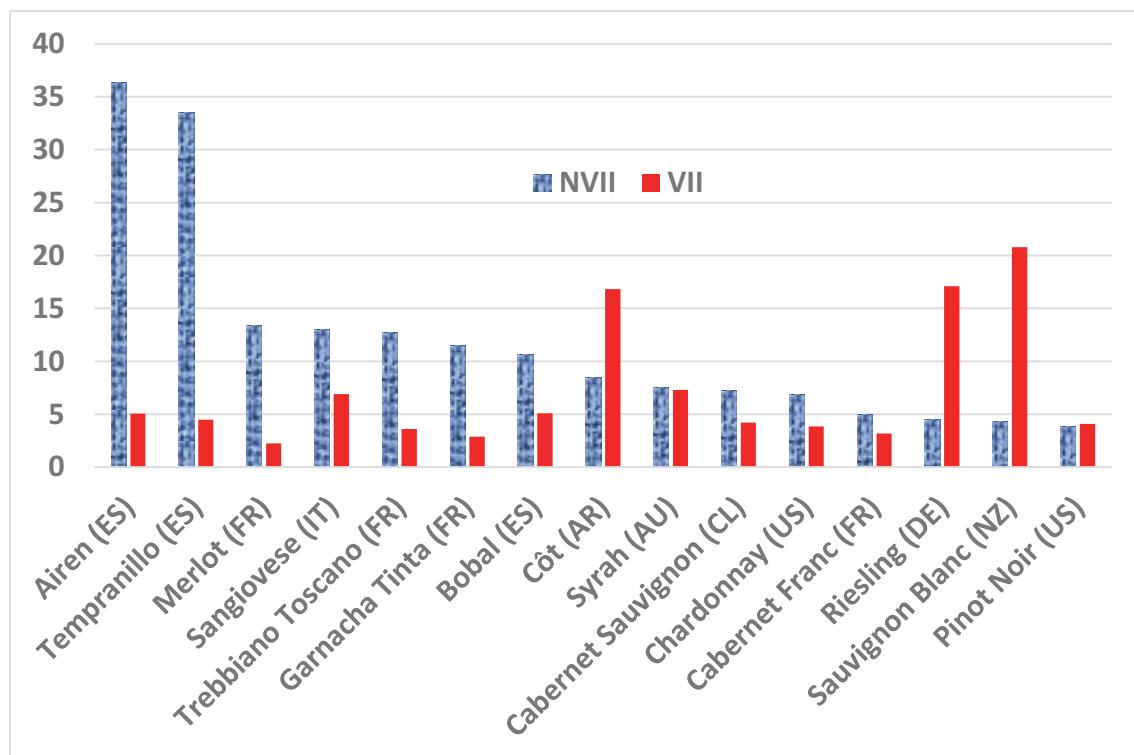
**26. Share of database's regions growing top 30 varieties, 2000, 2010 and 2016 (%)**



## 27. Share of top variety in national winegrape area, 2000 and 2016 (%)

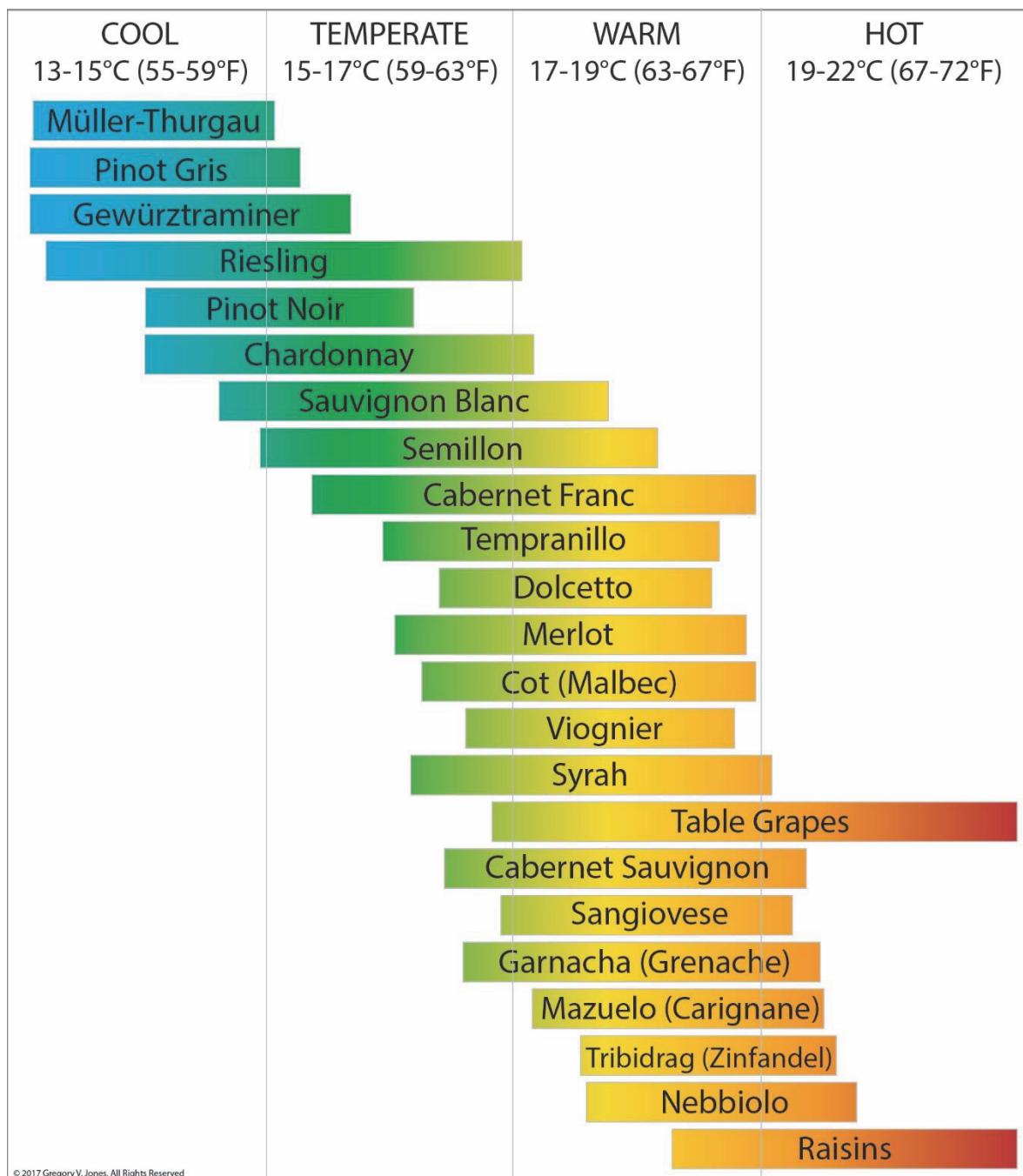


## 28. Highest national NVII<sup>a</sup> and corresponding VII for each of world's top 15 varieties, 2016



<sup>a</sup> NVII has been multiplied by 1000

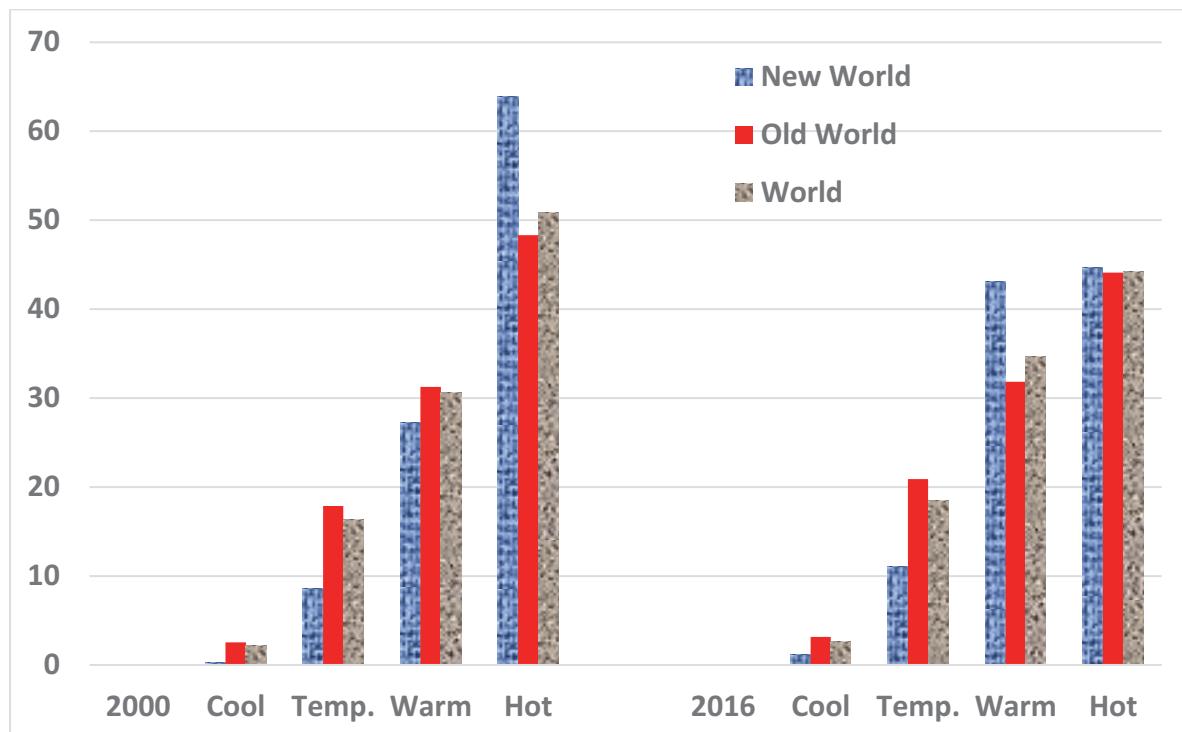
**29. Average growing season ripening temperature ranges for key winegrape varieties in premium regions (°C and °F)**



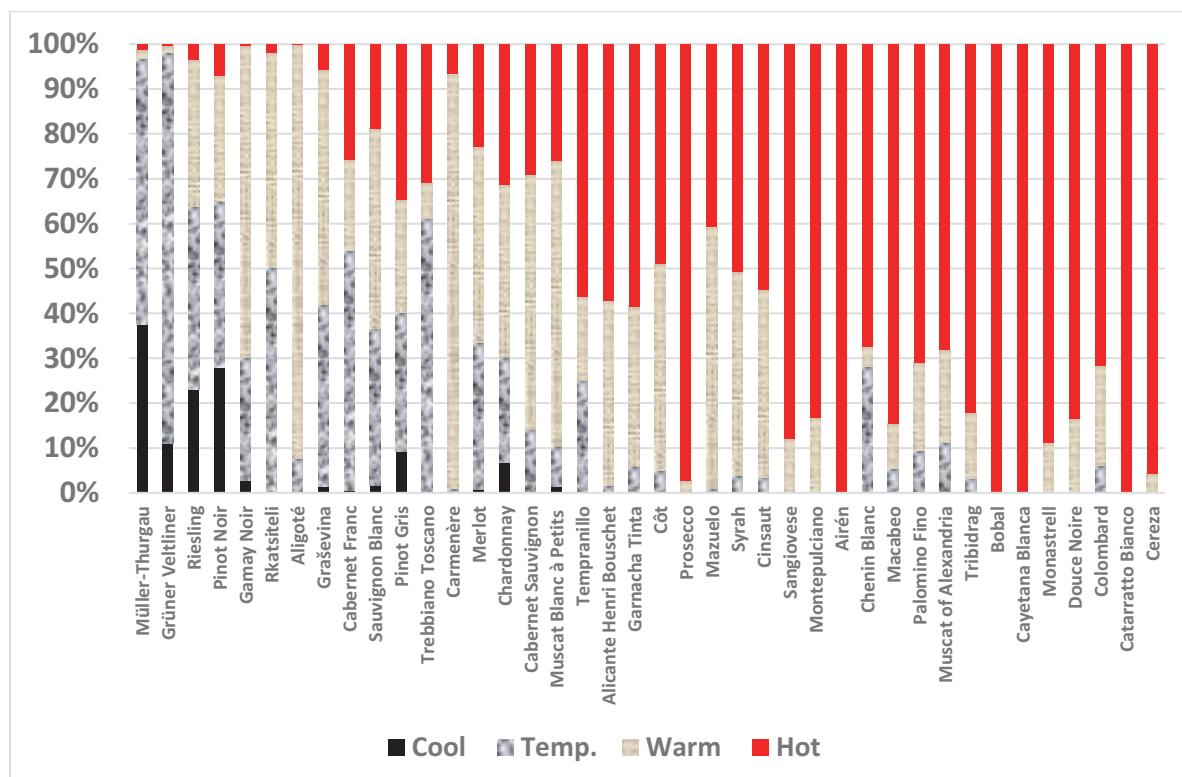
Note: Northern Hemisphere April–October, Southern Hemisphere October–April. Horizontal bars represent the range of temperatures that each variety is known to ripen and produce premium-quality wine in the world's benchmark regions. Adjustments may occur as more research and data become available, but changes of more than +/-0.5°C for any variety are highly unlikely. The figure is used with permission by its author, Professor Gregory V. Jones.

Sources: Jones, G.V. (2006), "Climate and Terroir: Impacts of Climate Variability and Change on Wine", in *Fine Wine and Terroir: The Geoscience Perspective*, edited by R.W. Macqueen and L.D. Meinert, Geoscience Canada Reprint Series Number 9, Geological Association of Canada, St. John's, Newfoundland; and Jones, G.V., R. Reid and A. Vilks (2012), "Climate, Grapes, and Wine: Structure and Suitability in a Variable and Changing Climate", pp. 109-133 in *The Geography of Wine: Regions, Terroir, and Techniques*, edited by P. Dougherty, New York: Springer.

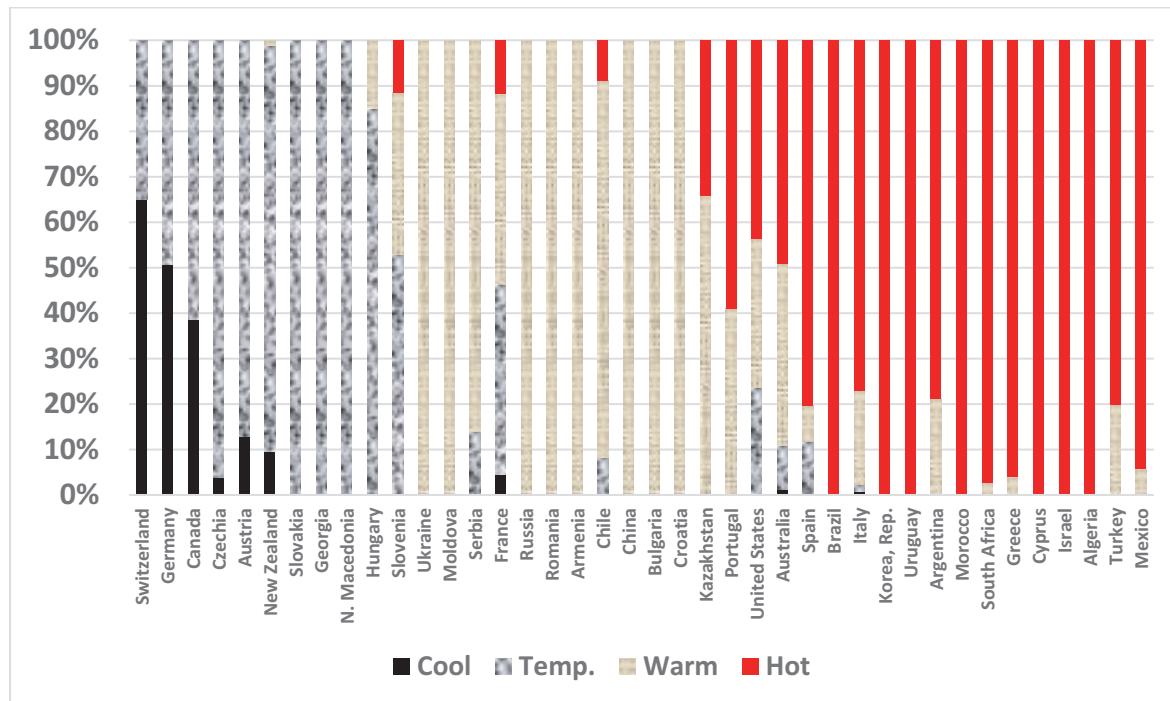
**30. Shares of winegrape area in cool, temperate, warm and hot climate regions, New World, Old World and World, 2000 and 2016 (%)**



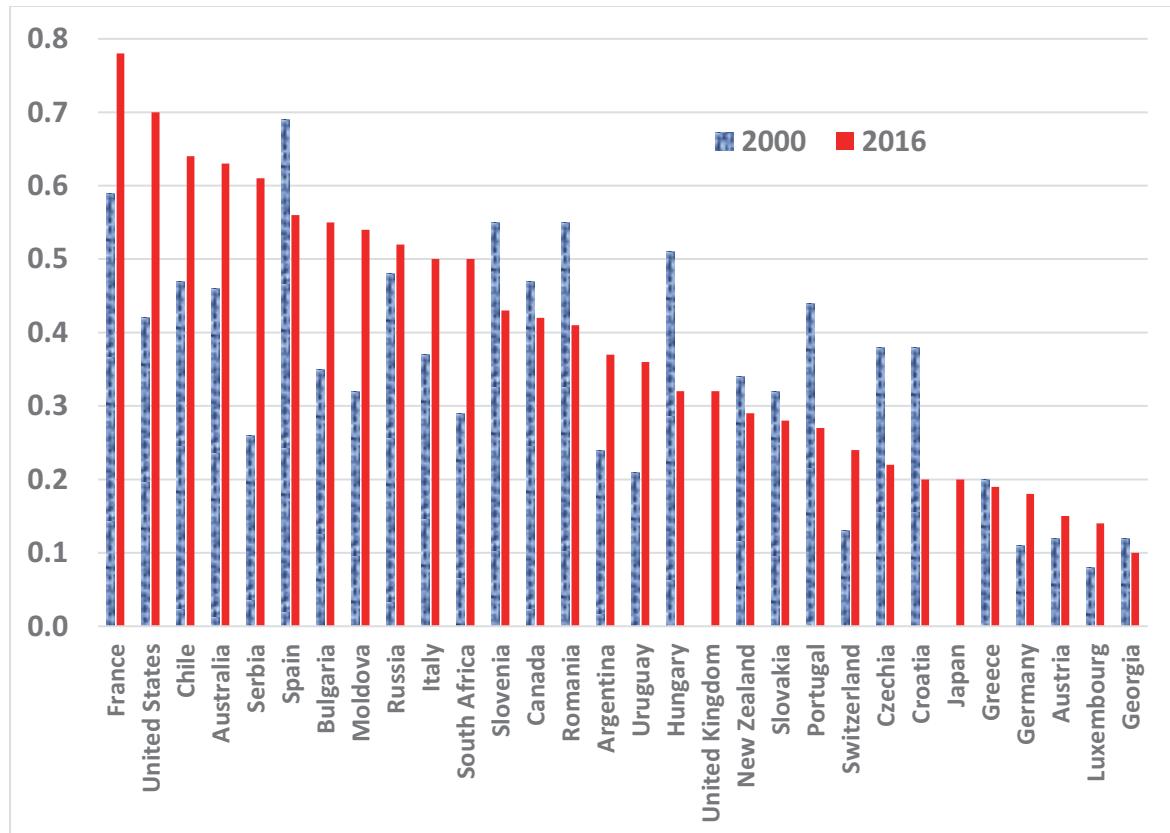
**31. Shares of winegrape area in cool, temperate, warm and hot climate regions, top 40 varieties and all countries, 2016 (%)**



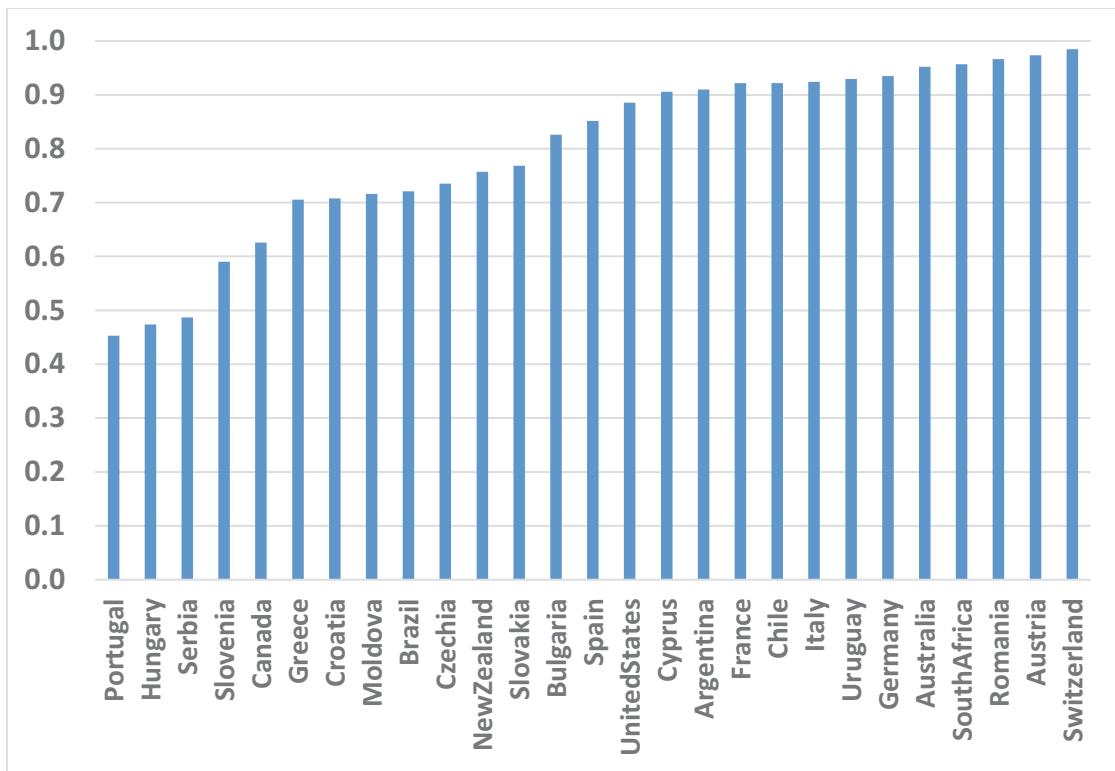
**32. Shares of winegrape area in cool, temperate, warm and hot climate regions, top 40 countries and all varieties, 2016 (%)**



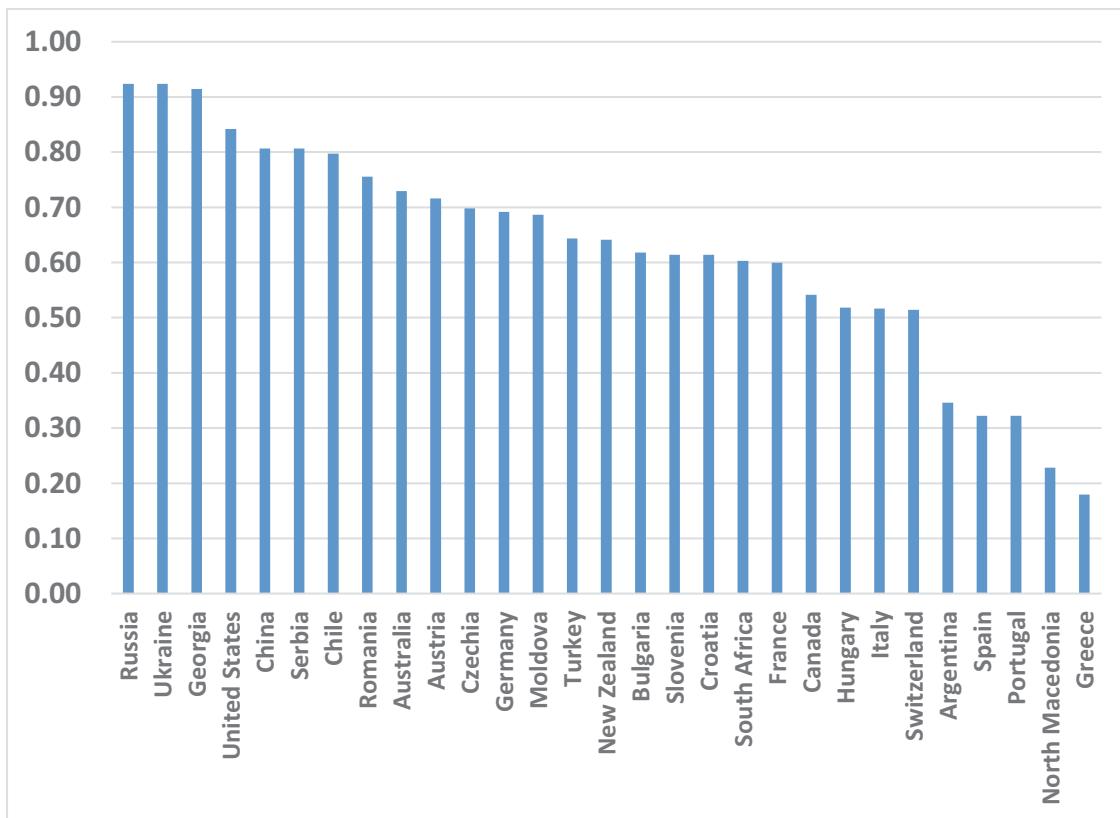
**33. Index of Varietal Similarity of each country with the world, 2000 and 2016**



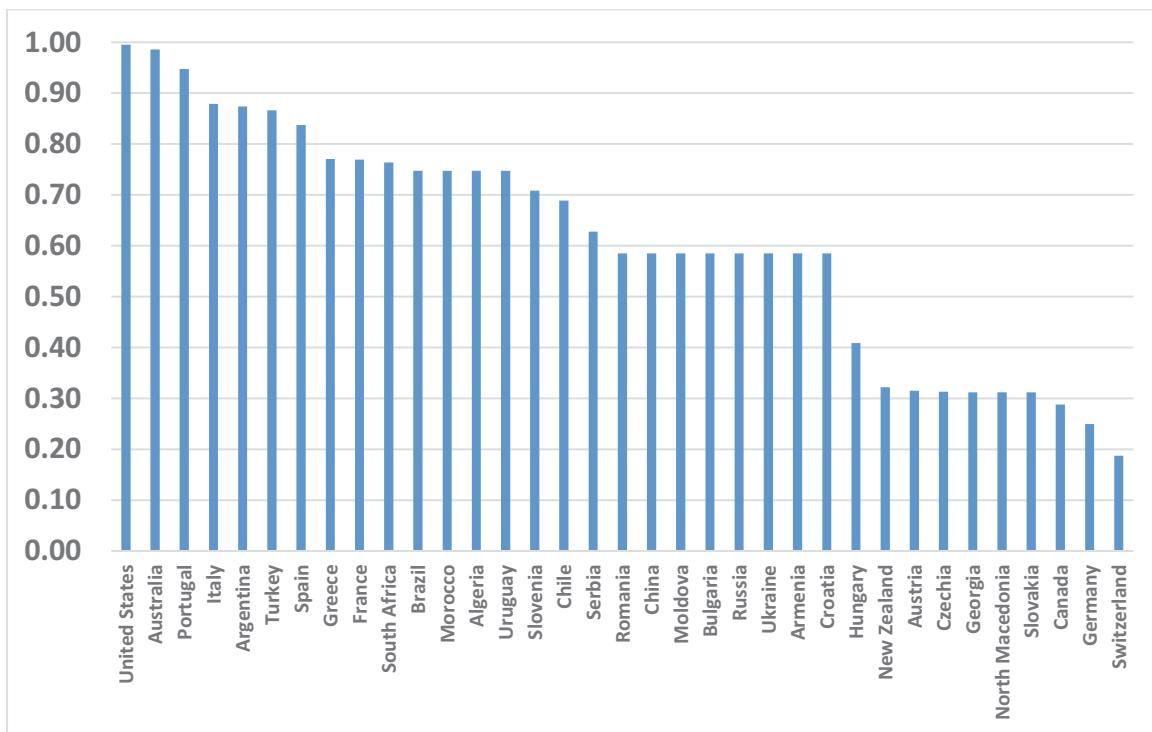
**34. Index of Varietal Similarity between 2000 and 2016 for each country**



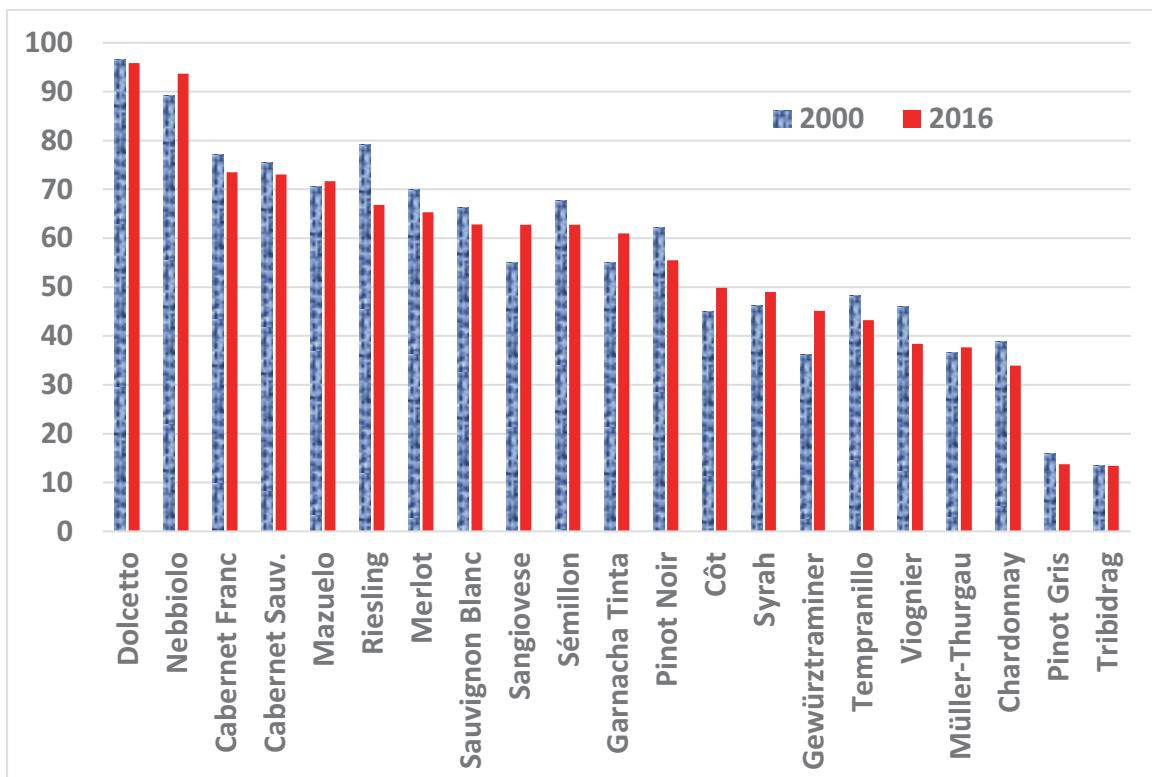
**35. Index of Varietal Similarity of each country with the country with closest varietal mix, 2016**



**36. Index of Climatic Similarity of each country with the world, top 35 countries, 2016**



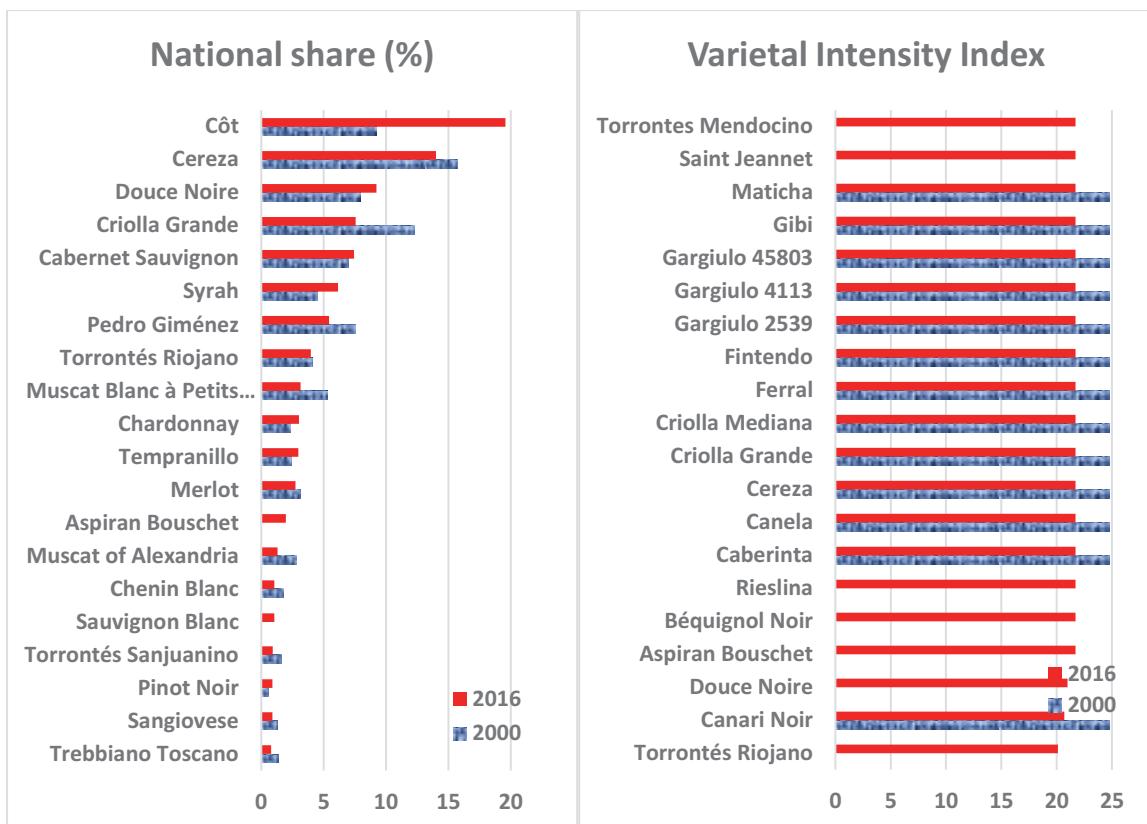
**37. Global shares of selected varieties' bearing area within the ideal GST range for premium winegrapes, 2000 and 2016 (%)**



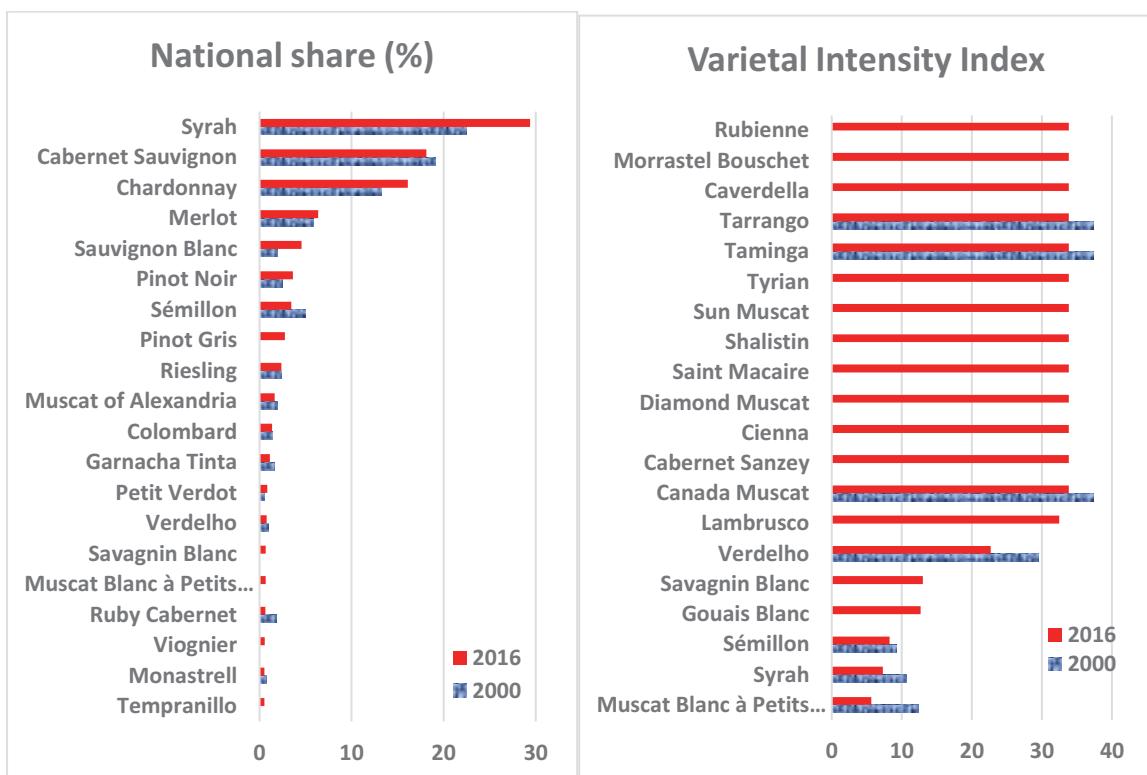
## **B. Top 25 wine-producing countries**

**20 leading varieties**

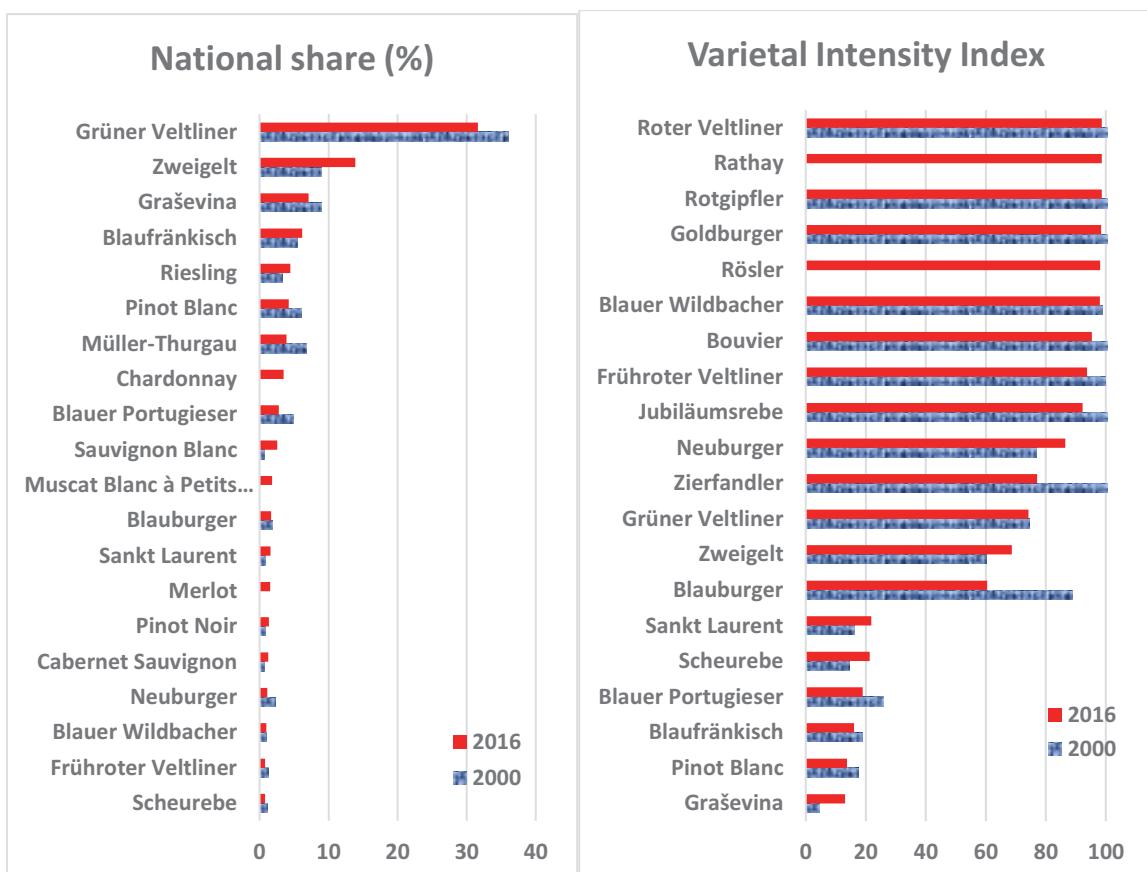
## 38. Argentina



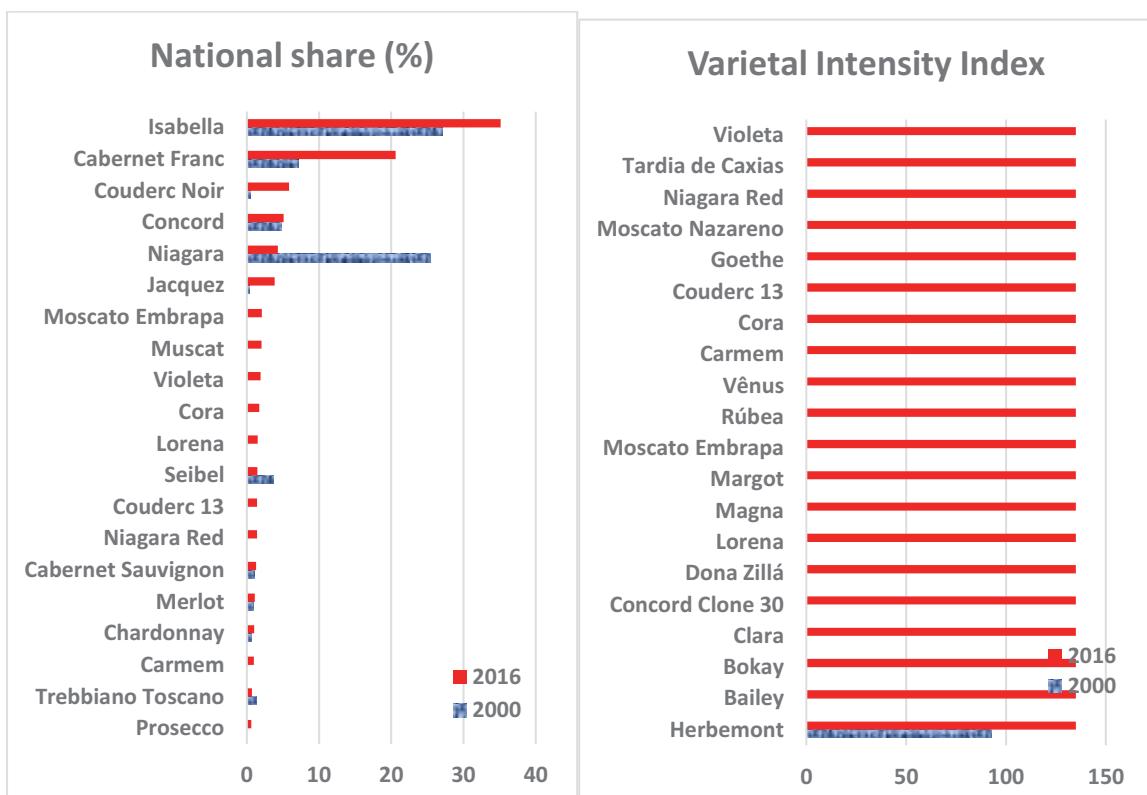
## 39. Australia



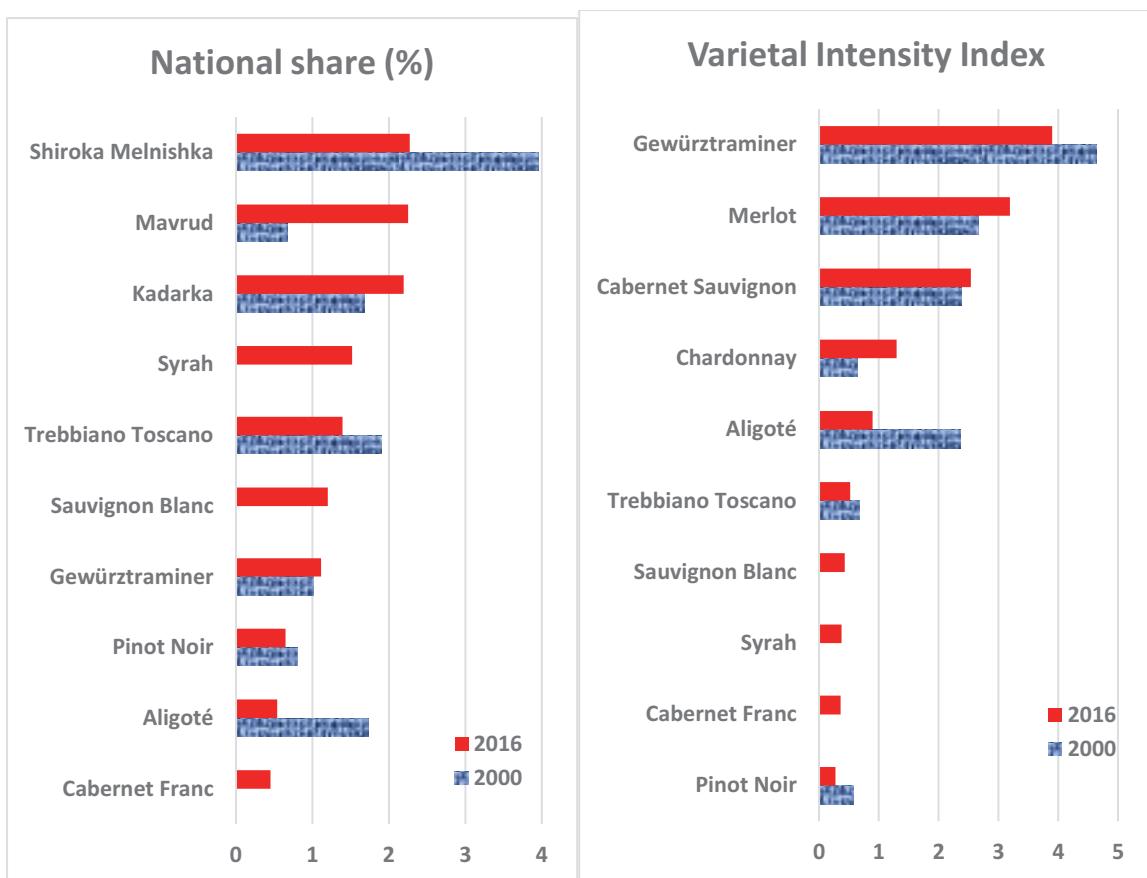
## 40. Austria



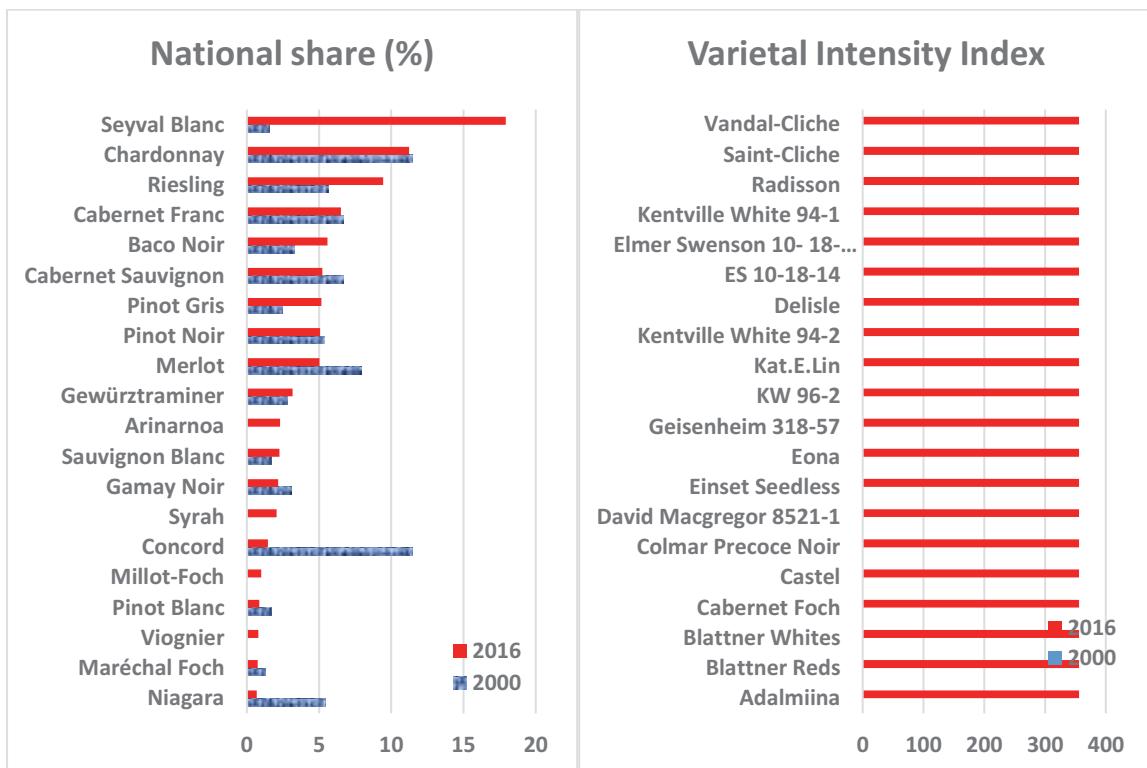
## 41. Brazil



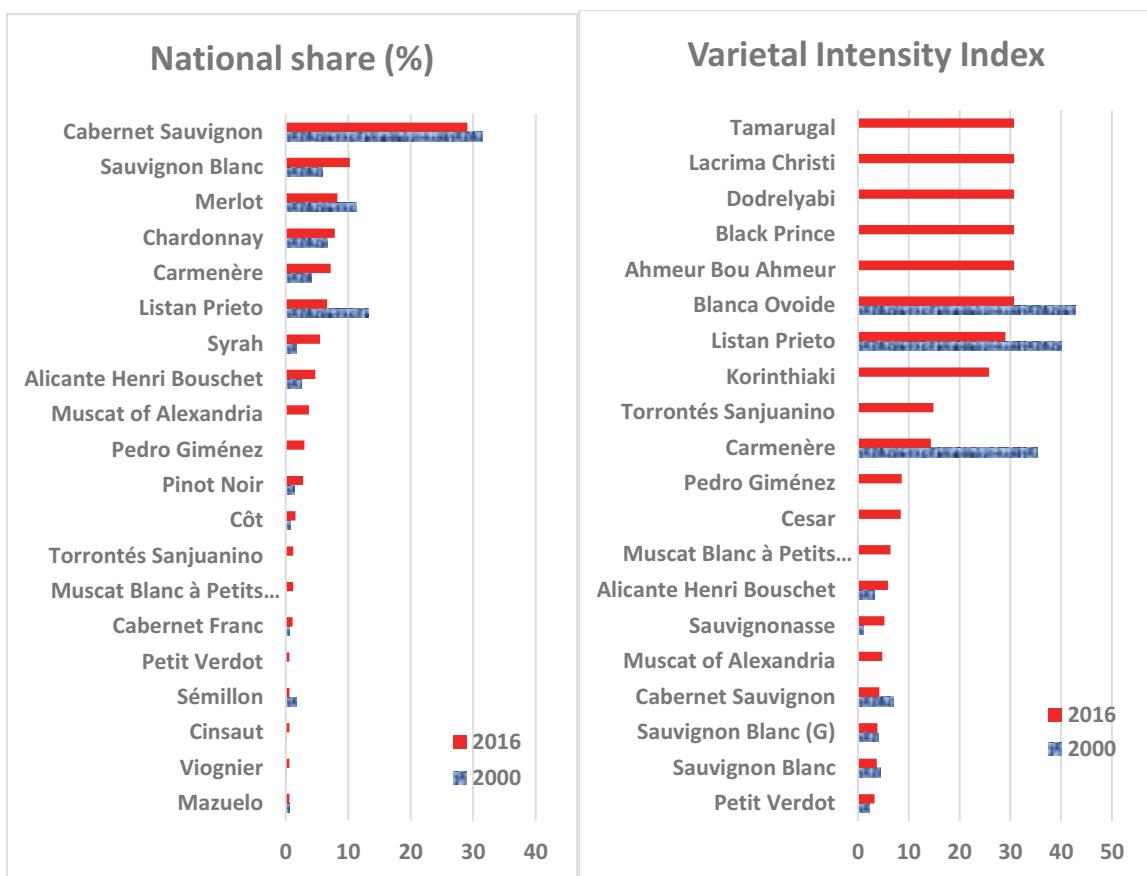
## 42. Bulgaria



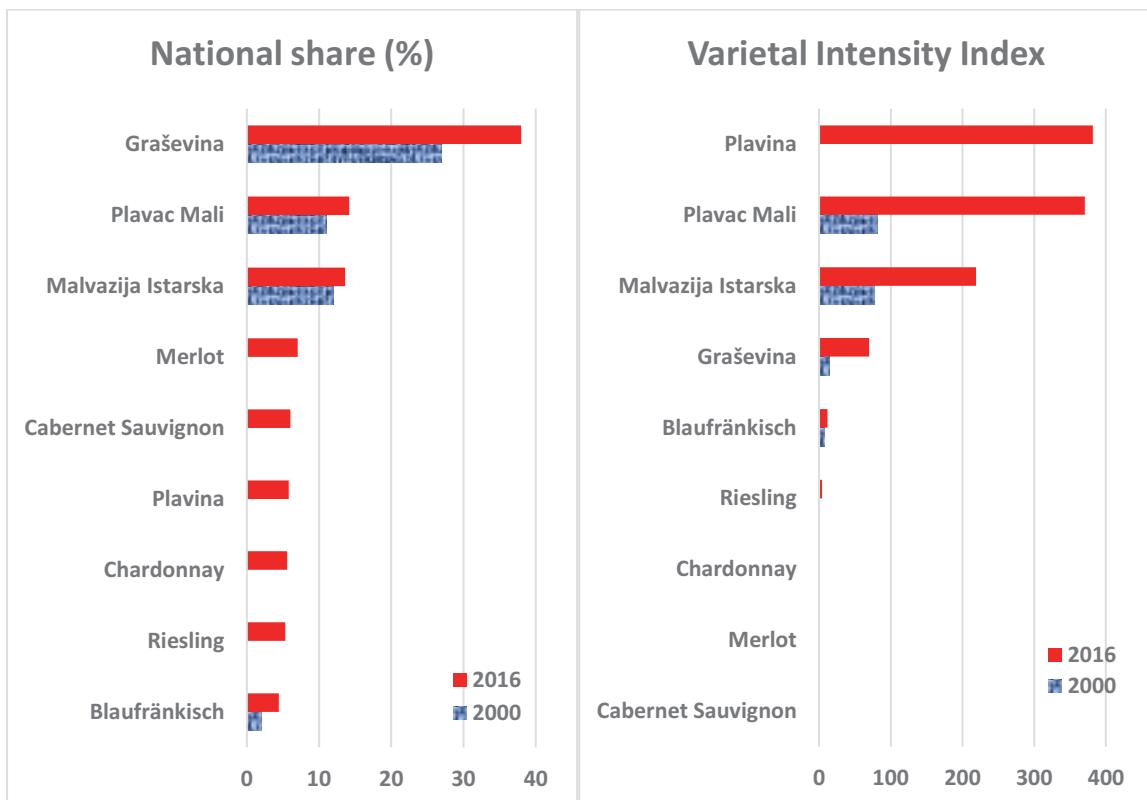
## 43. Canada



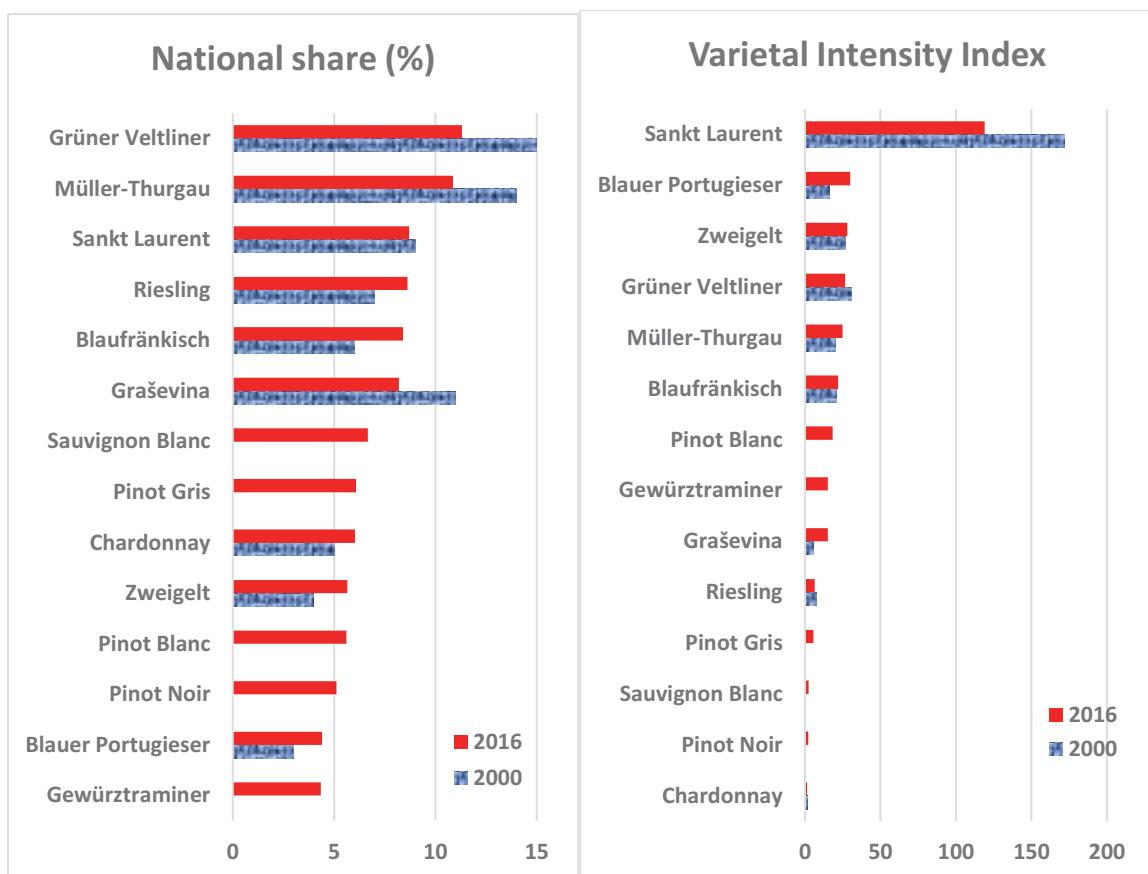
#### 44. Chile



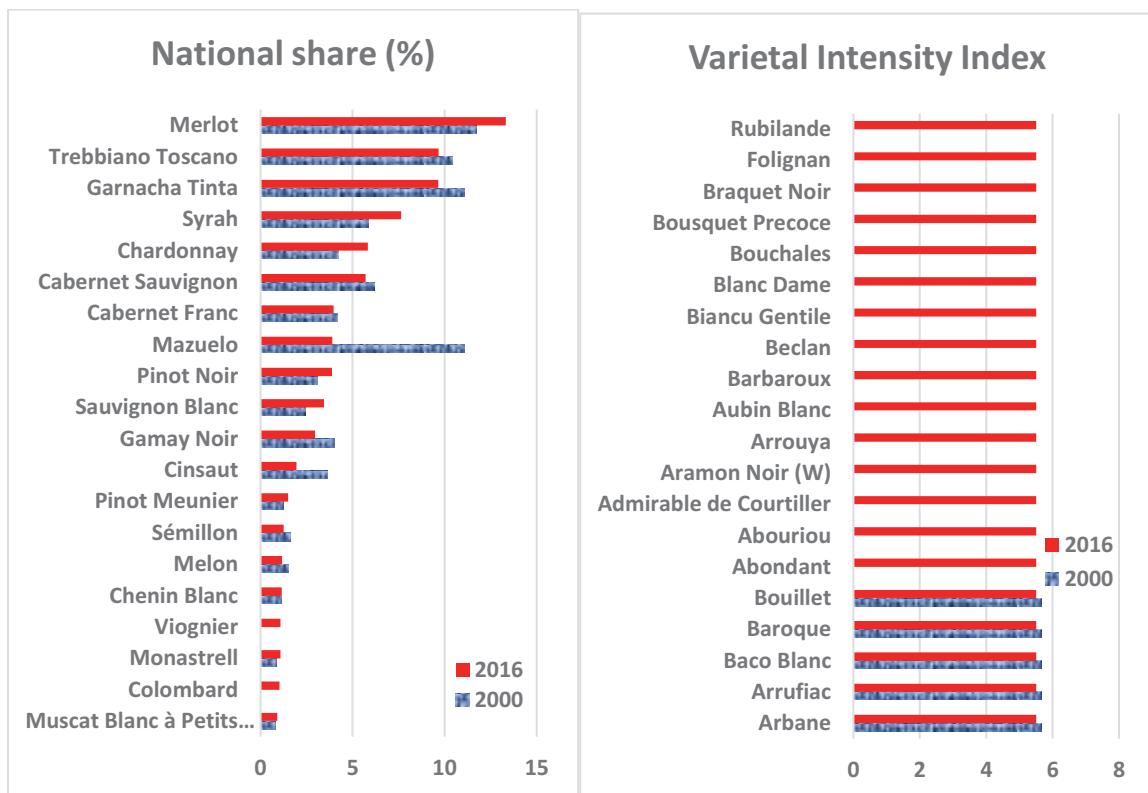
#### 45. Croatia



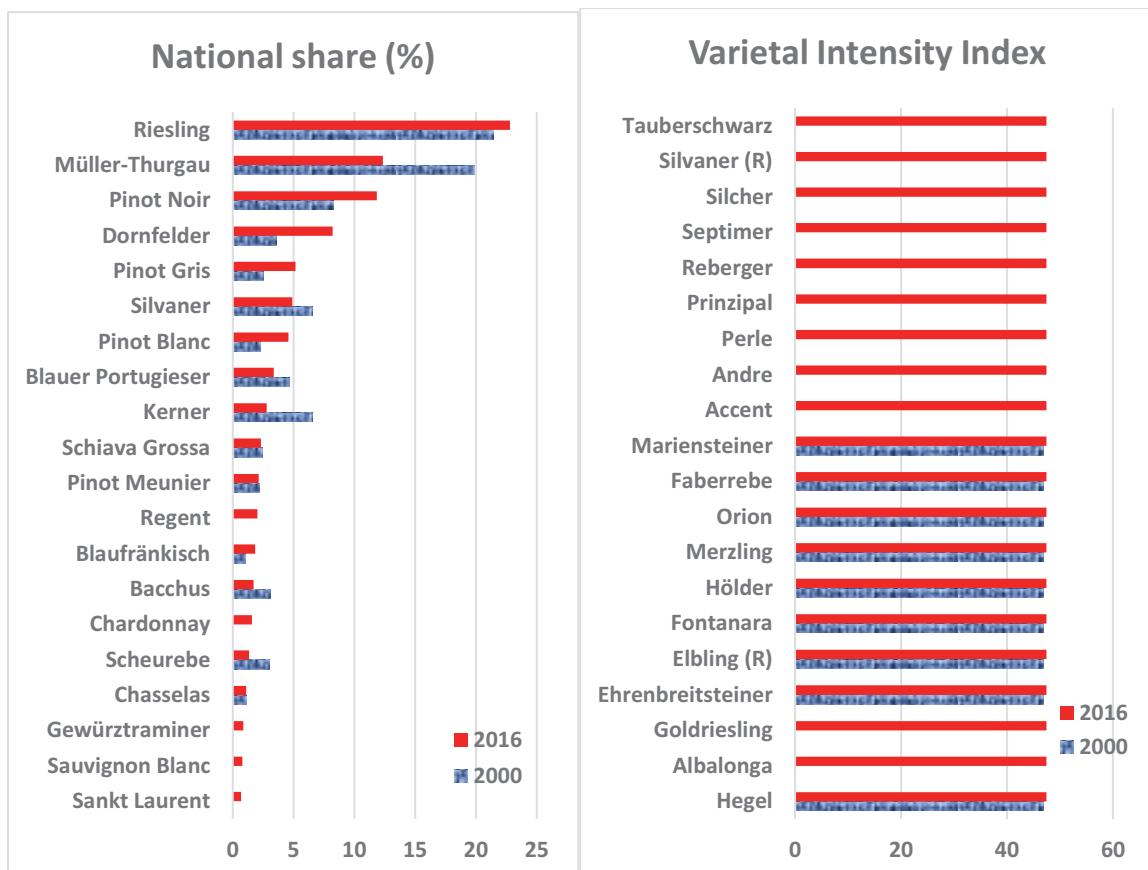
## 46. Czechia



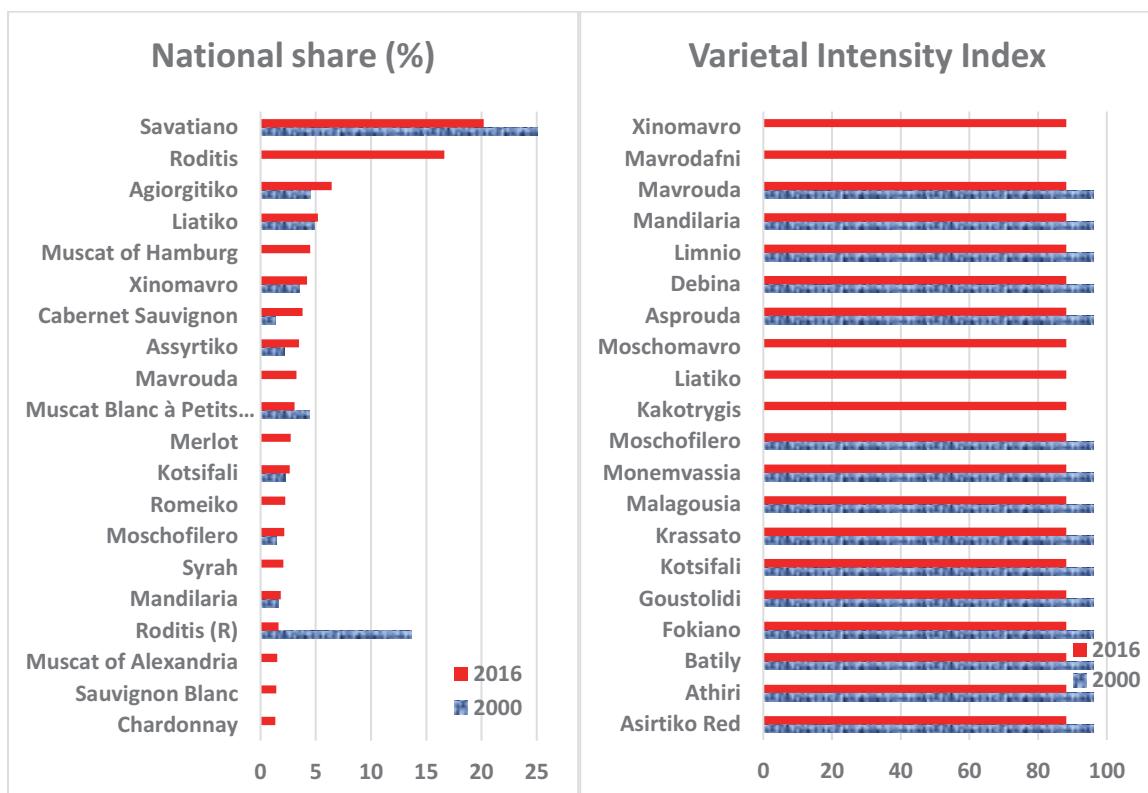
## 47. France



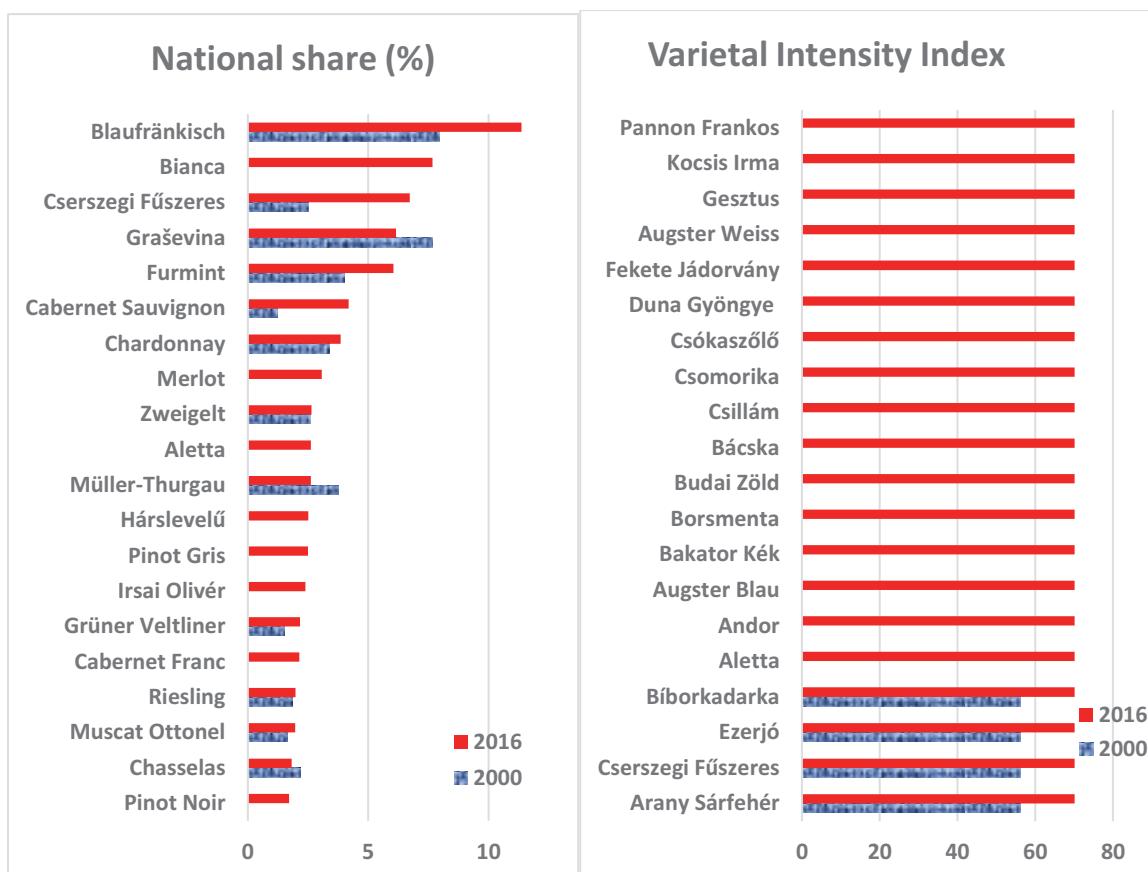
## 48. Germany



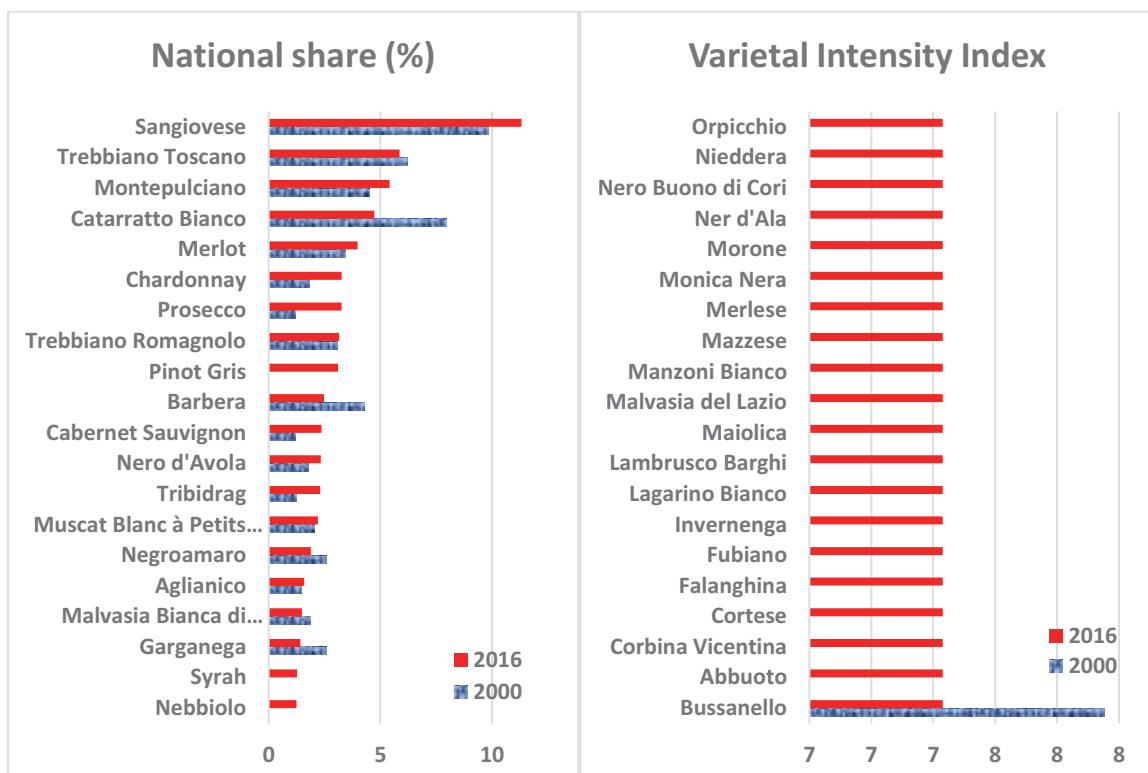
## 49. Greece



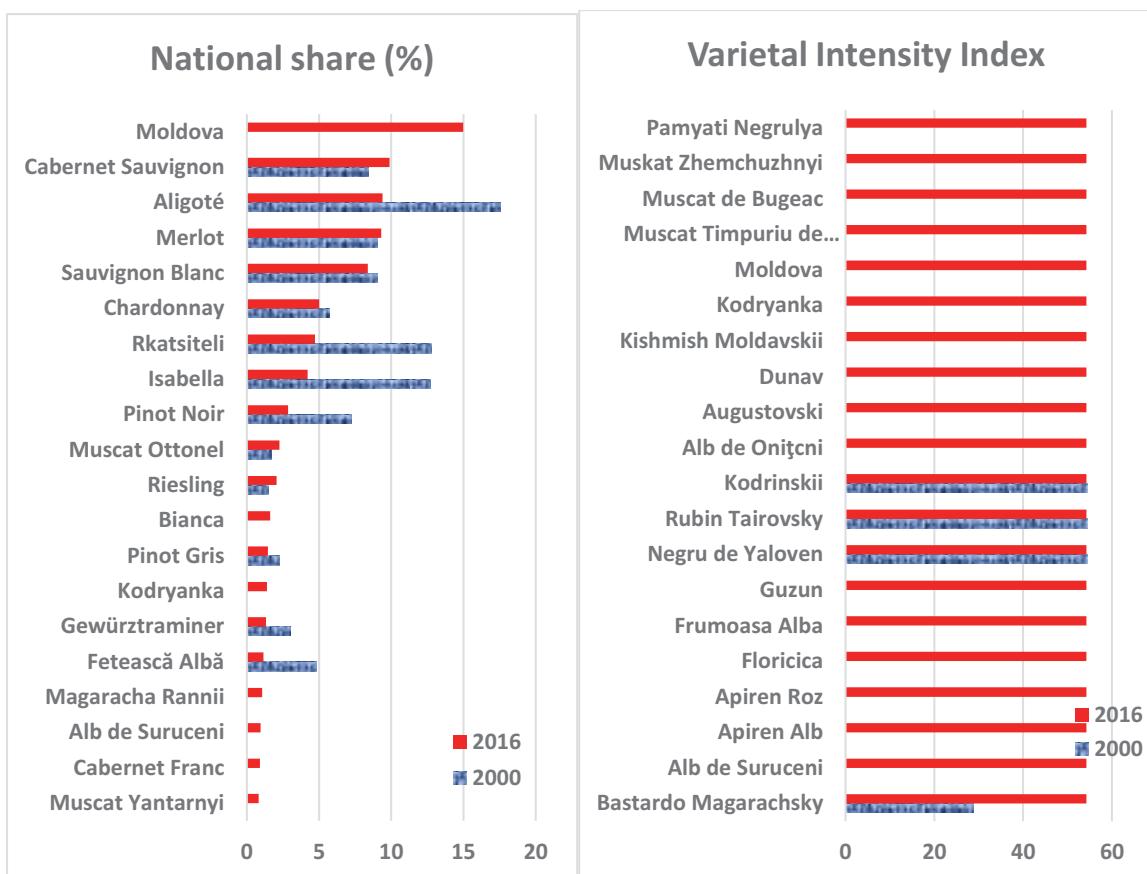
## 50. Hungary



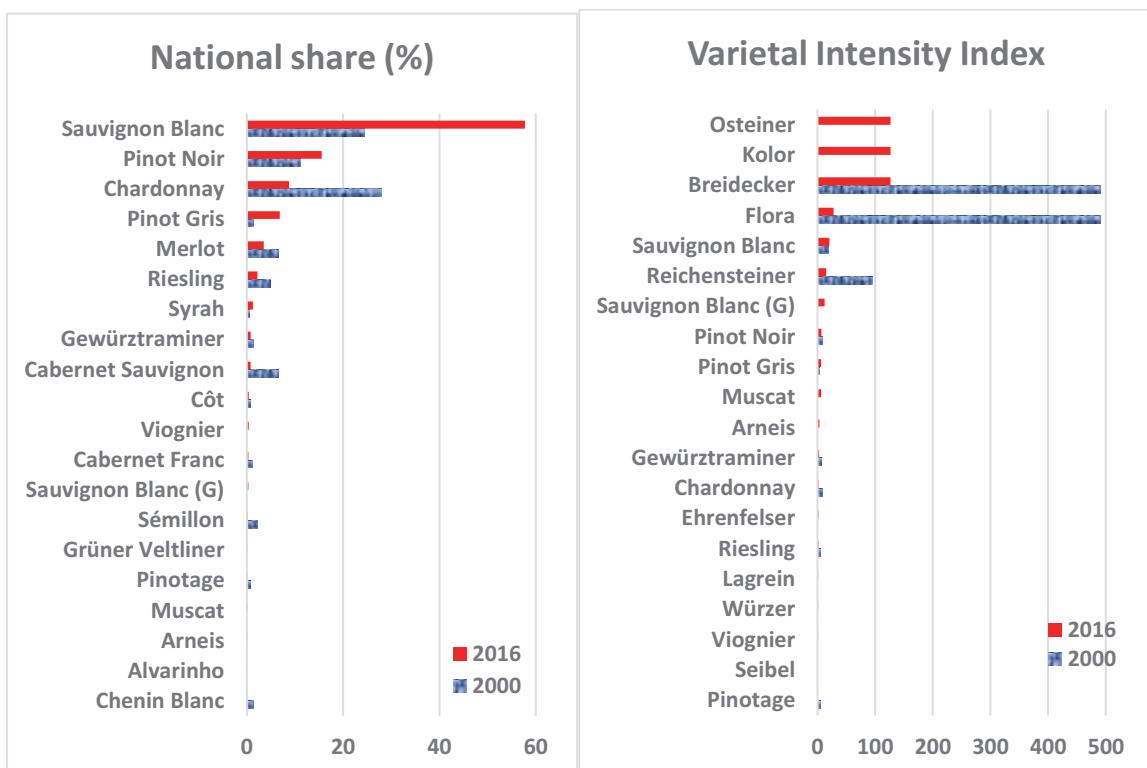
## 51. Italy



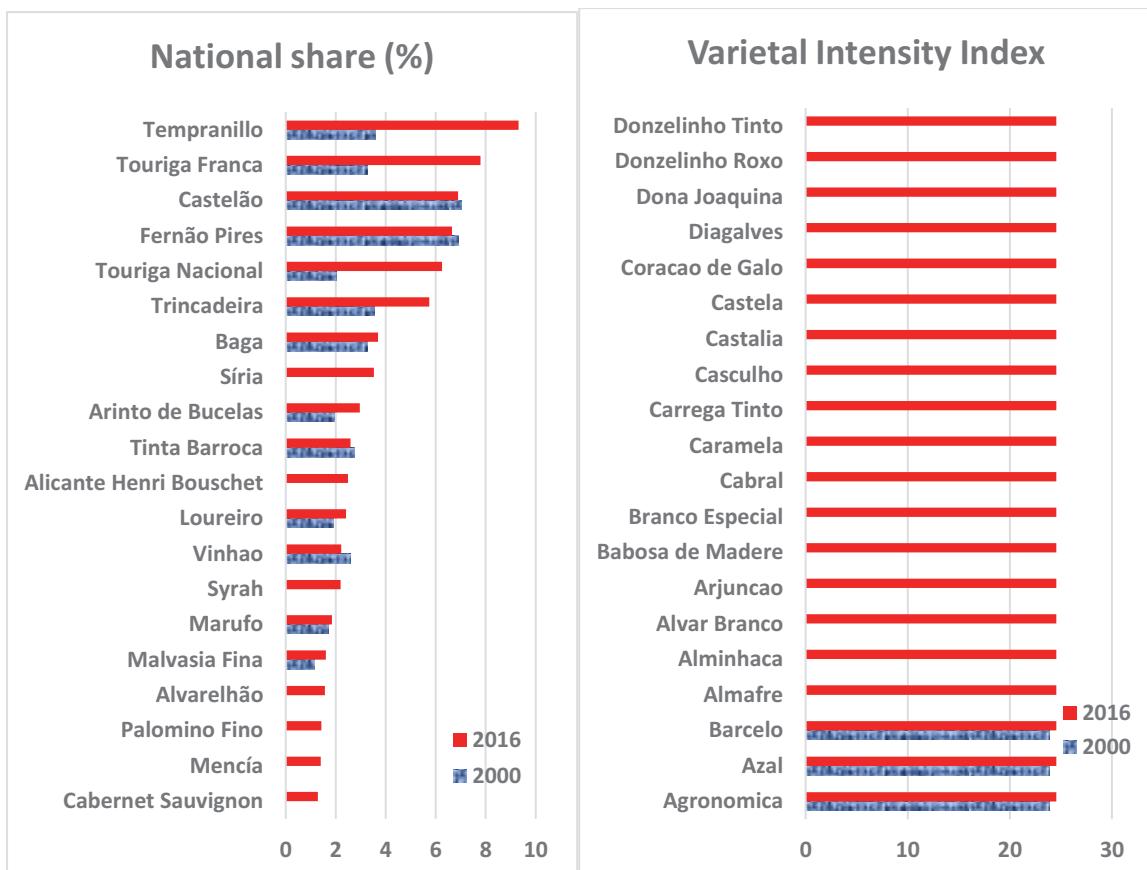
## 52. Moldova



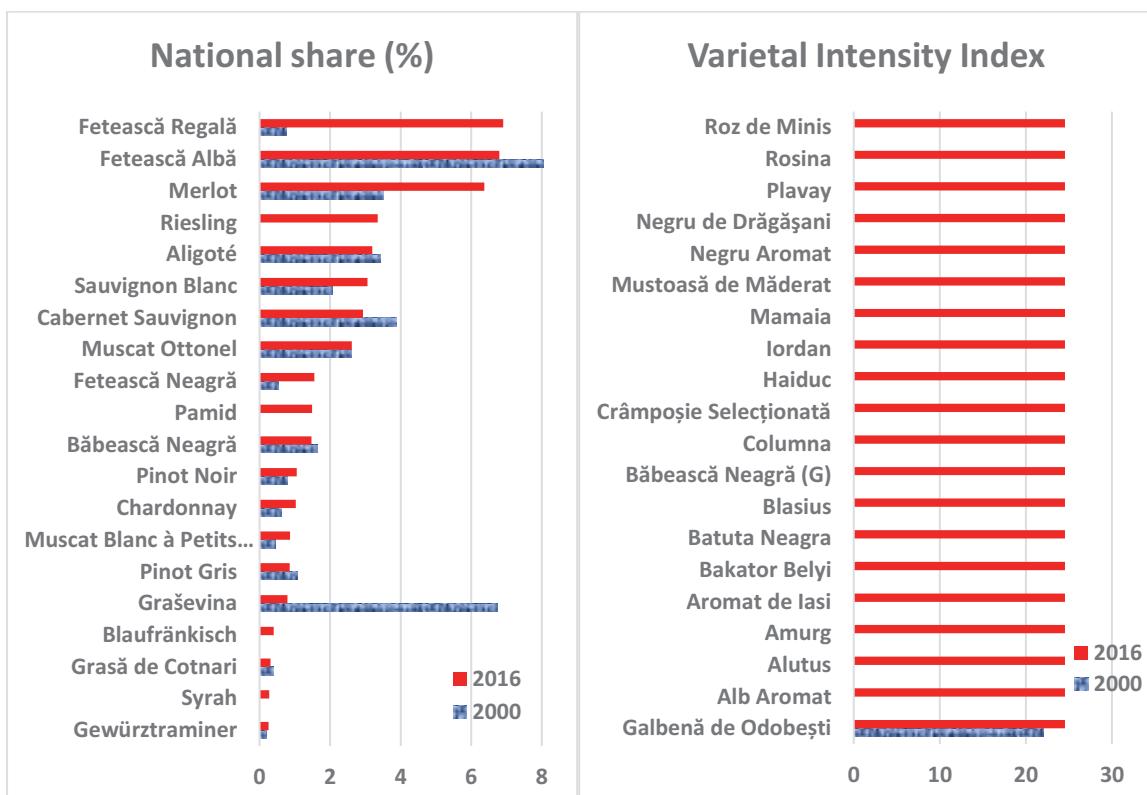
## 53. New Zealand



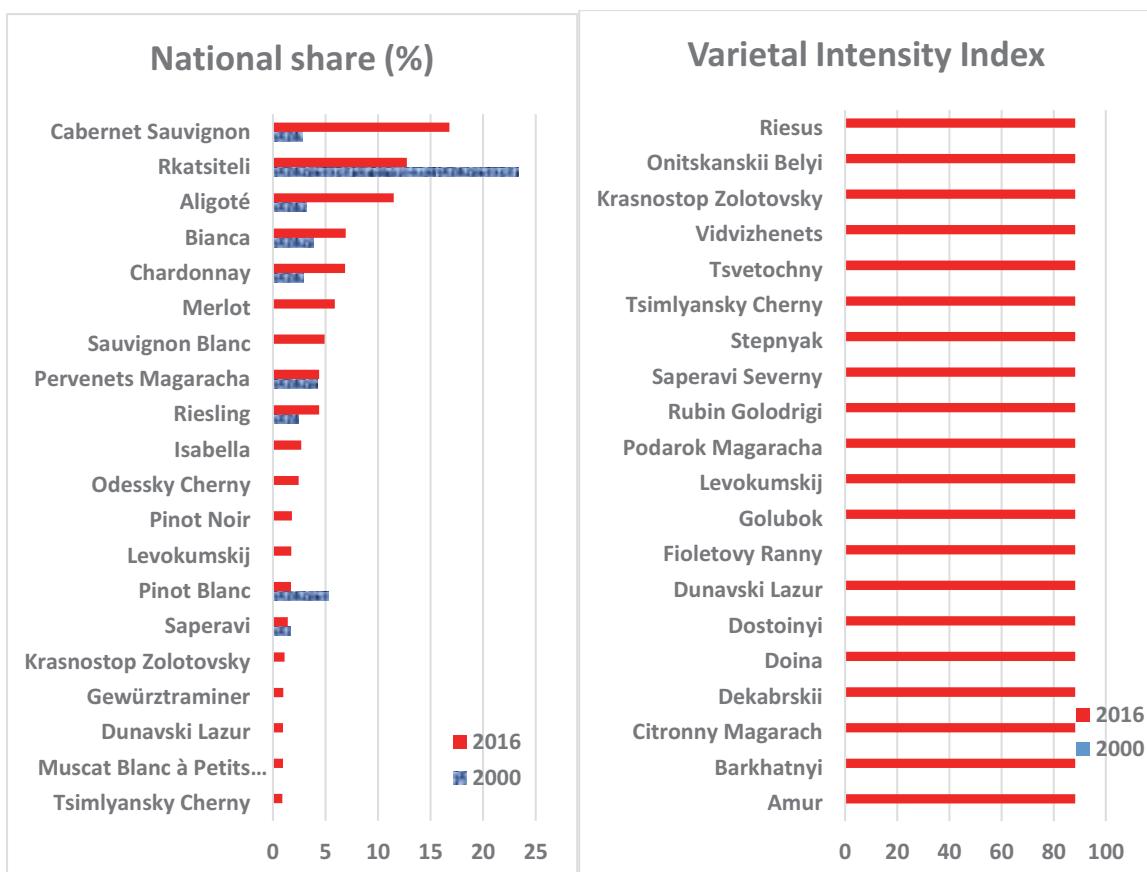
## 54. Portugal



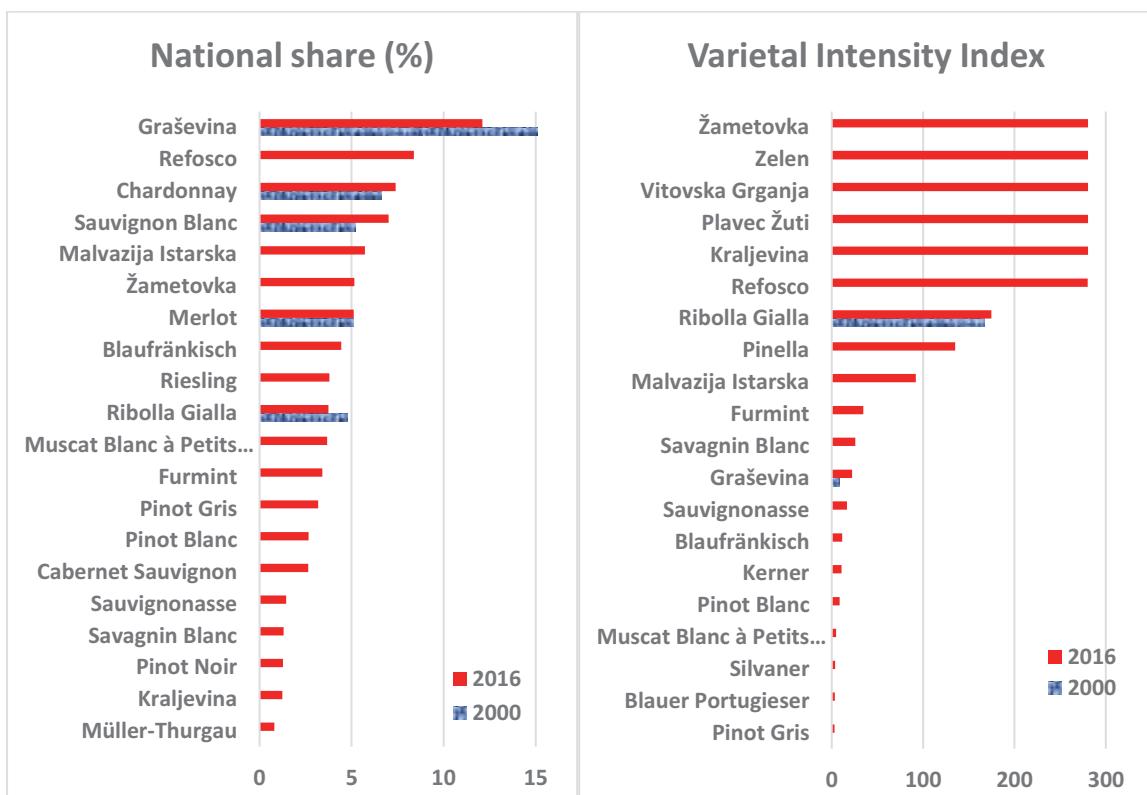
## 55. Romania



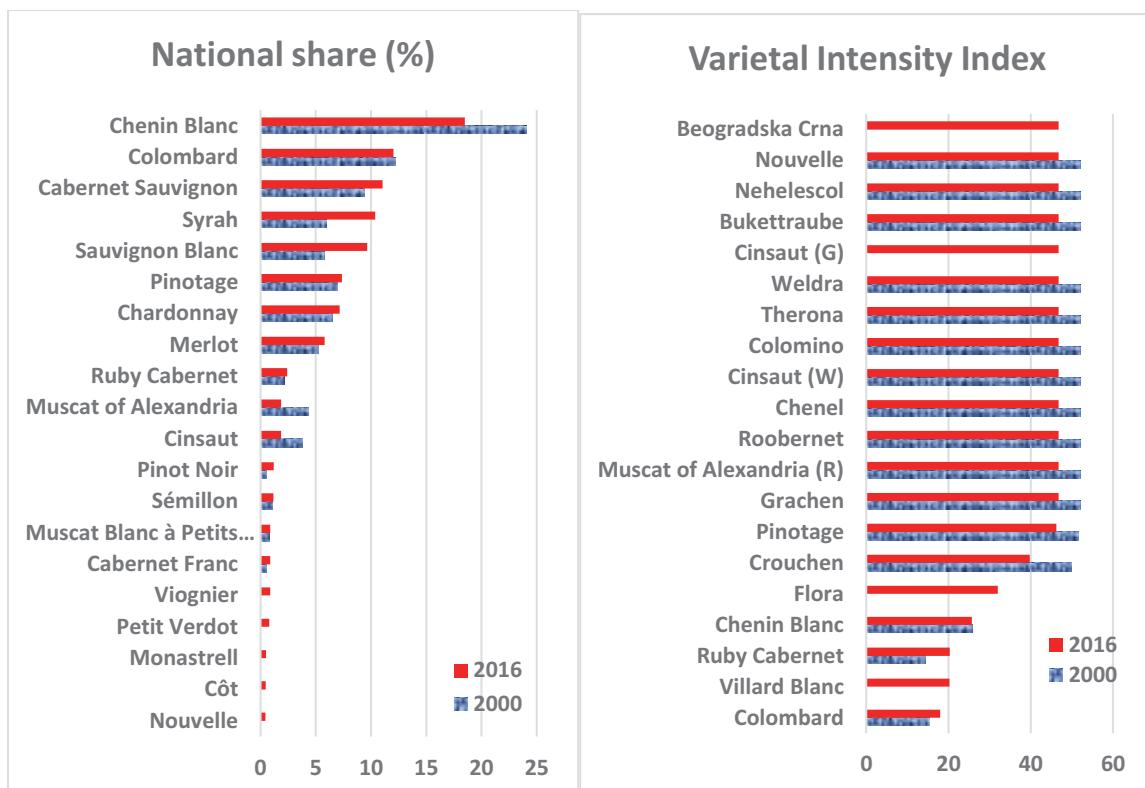
## 56. Russia



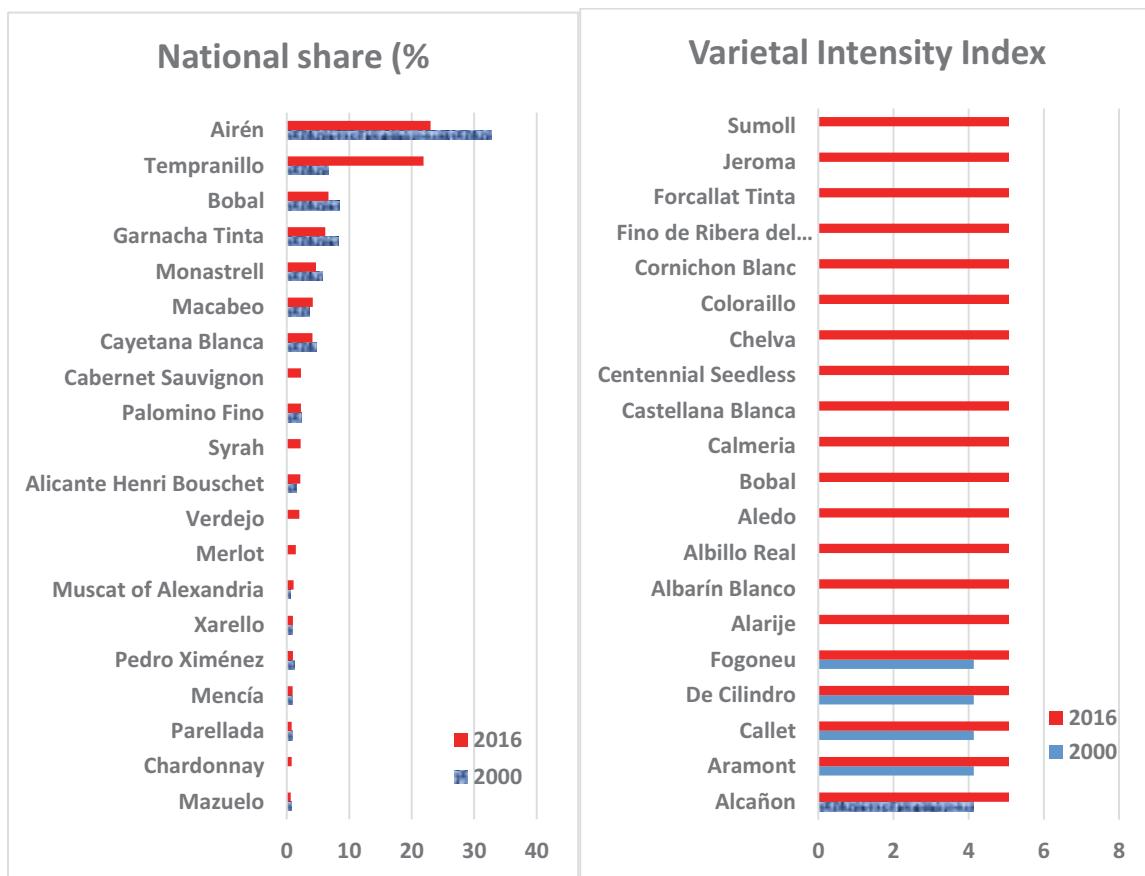
## 57. Slovenia



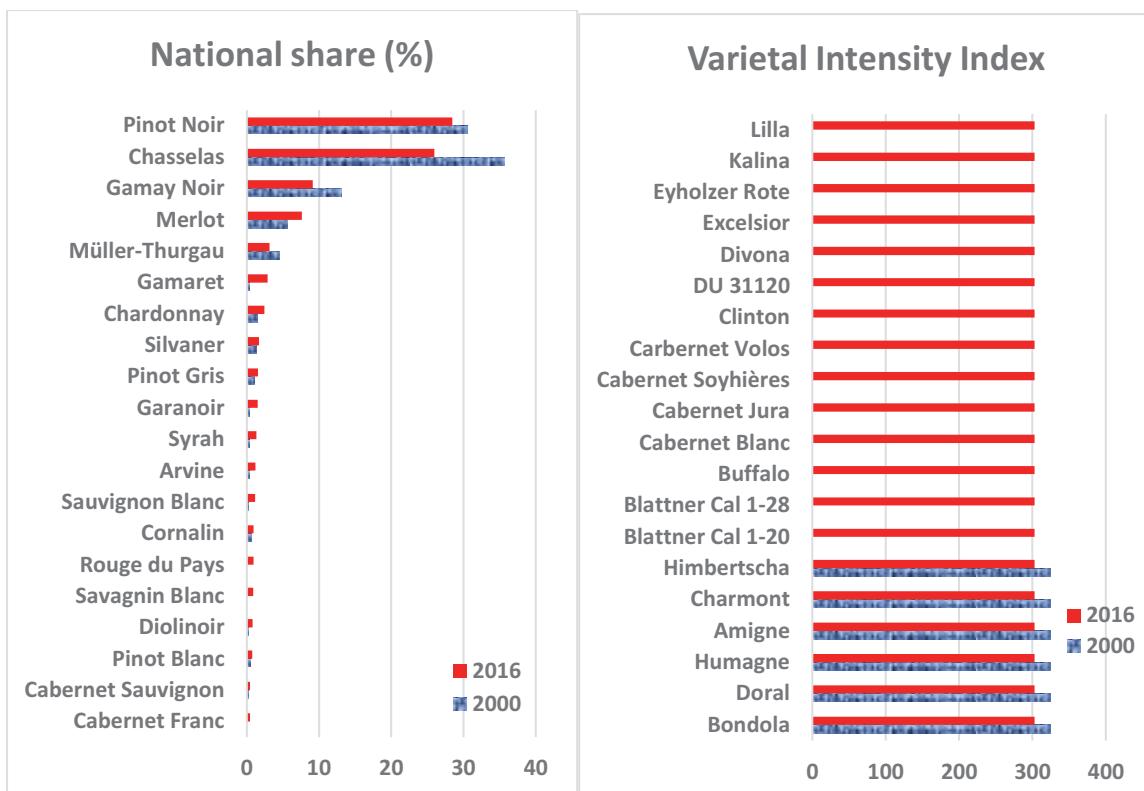
## 58. South Africa



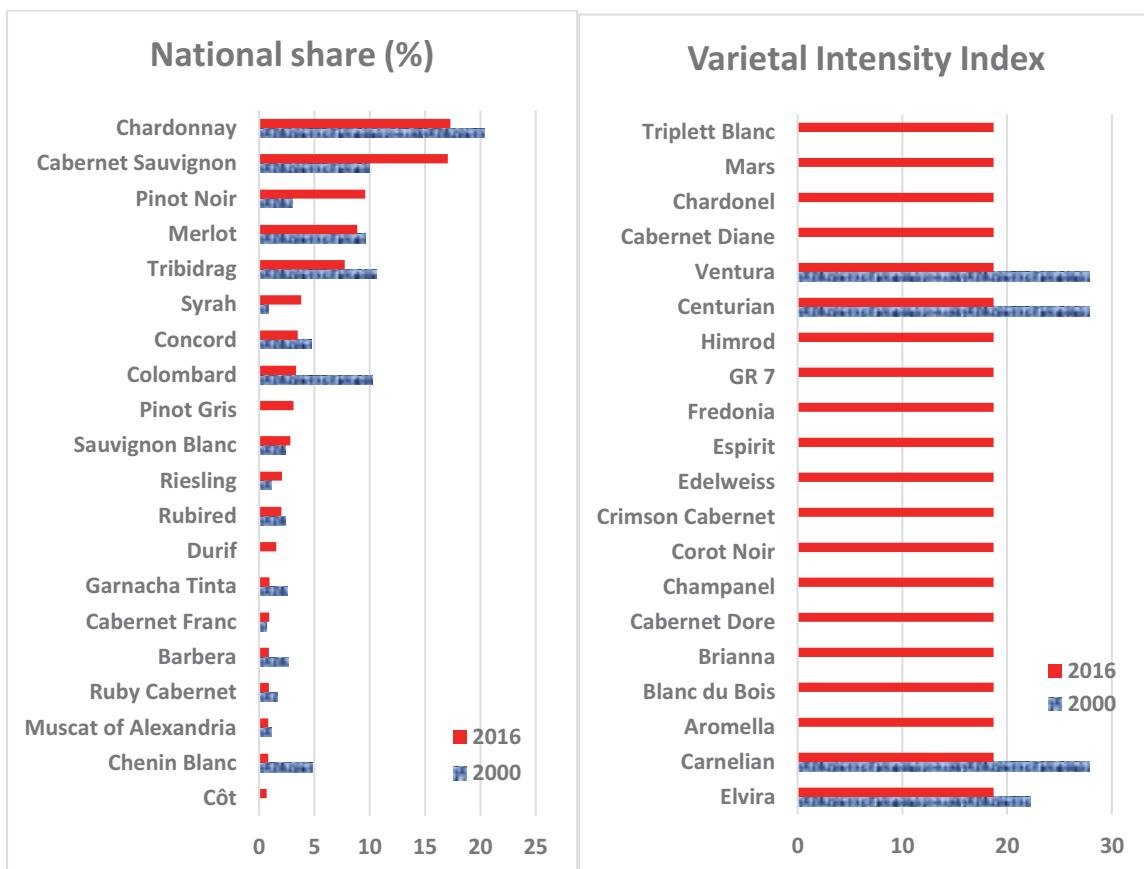
## 59. Spain



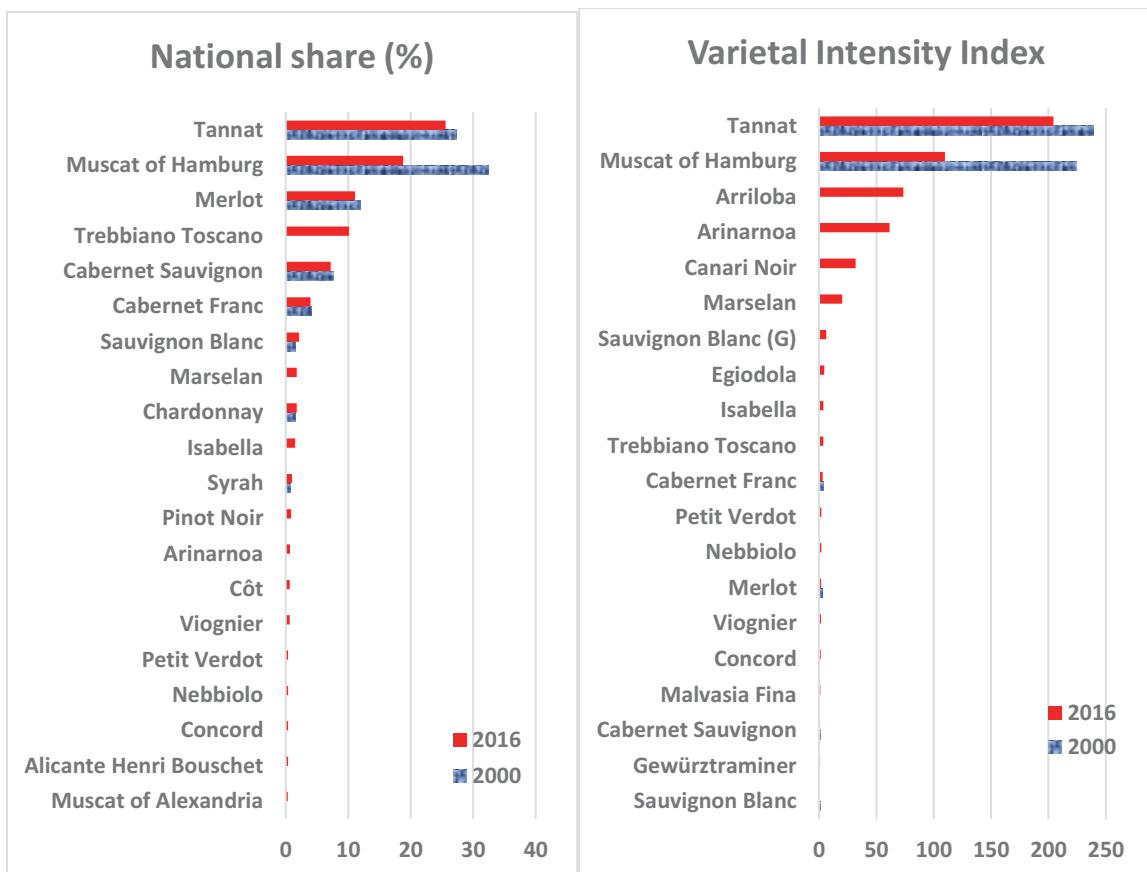
## 60. Switzerland



## 61. United States



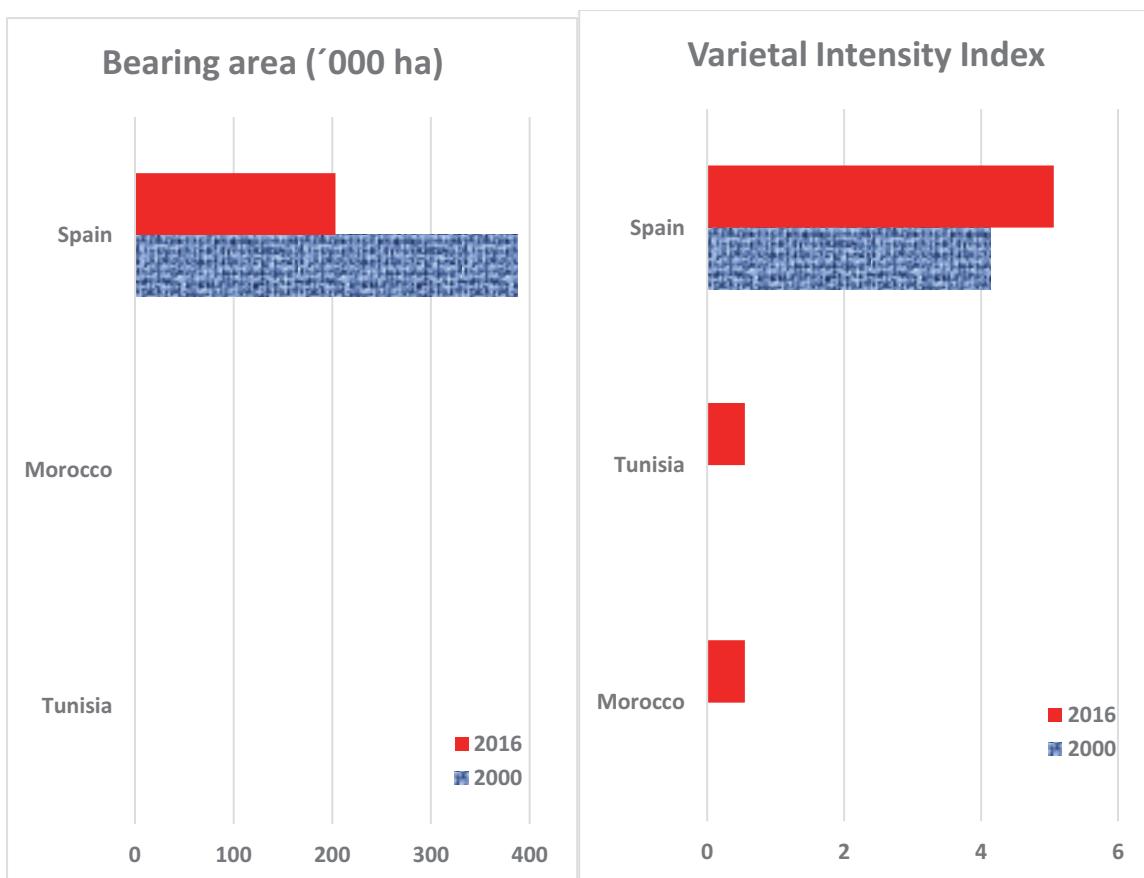
## 62. Uruguay



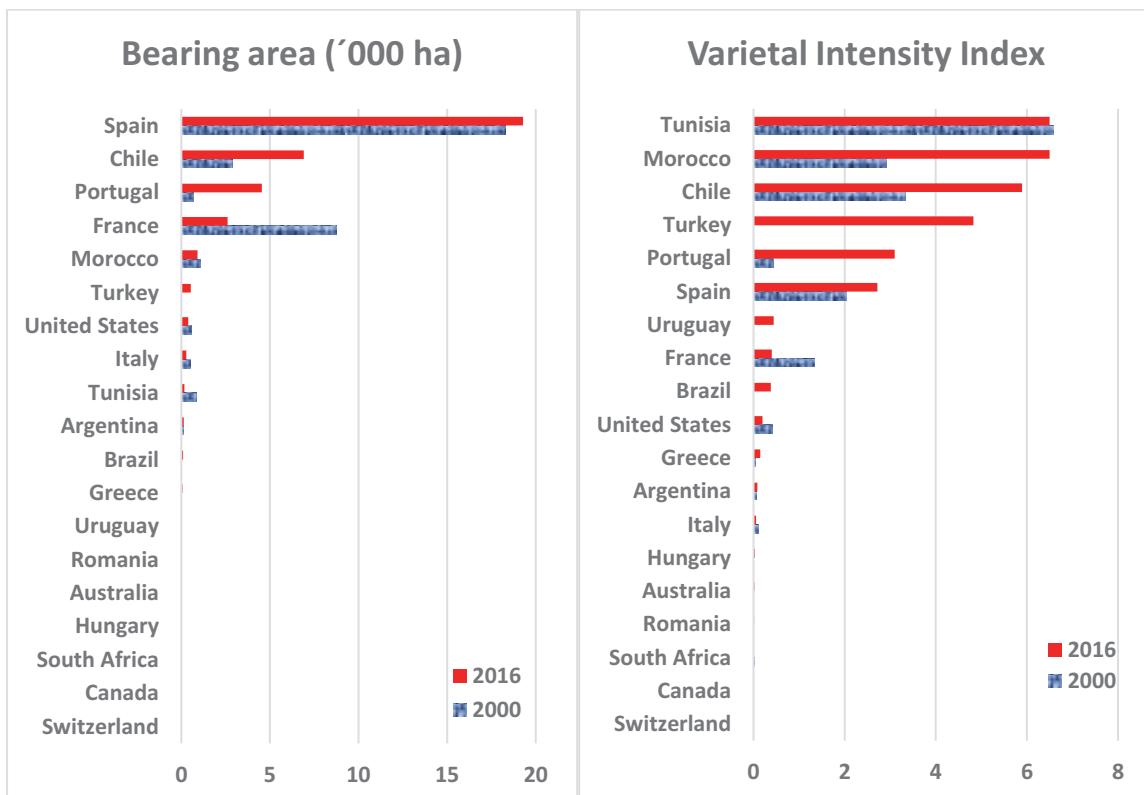
## **C. Top 25 varieties**

**20 leading countries**

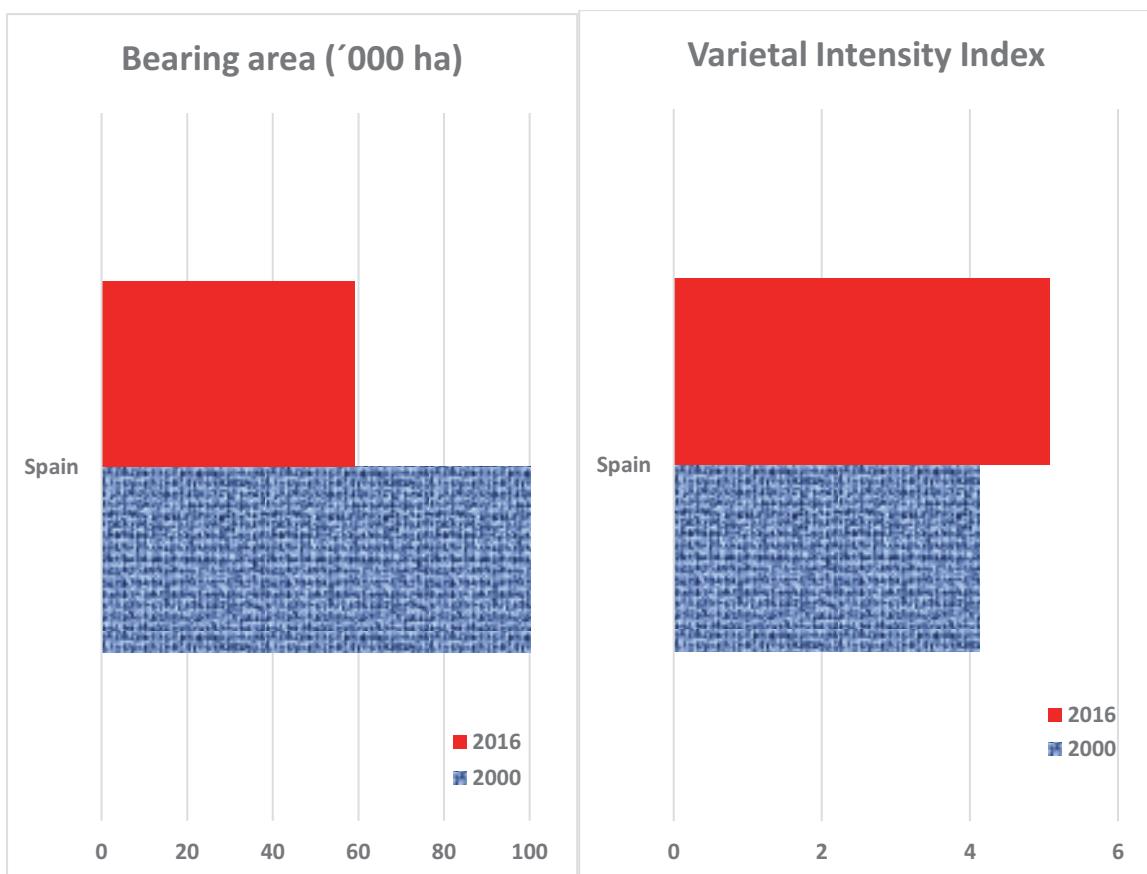
### 63. Airén



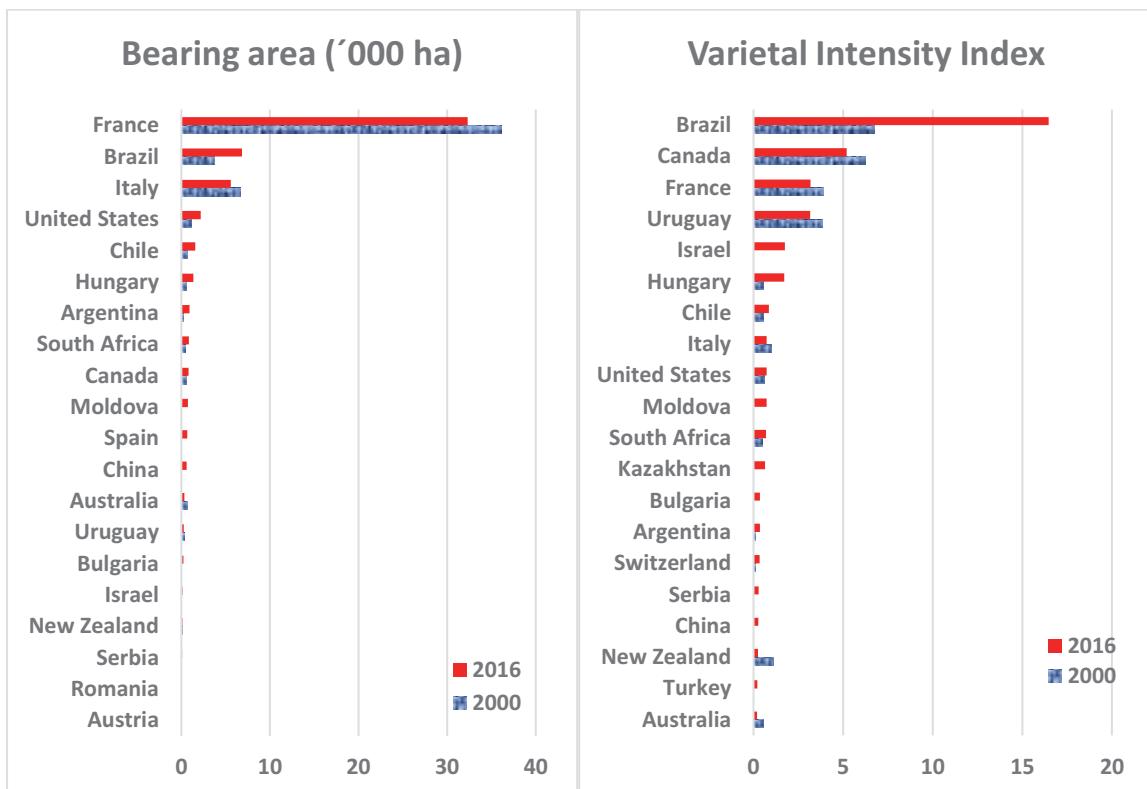
### 64. Alicante Henri Bouschet



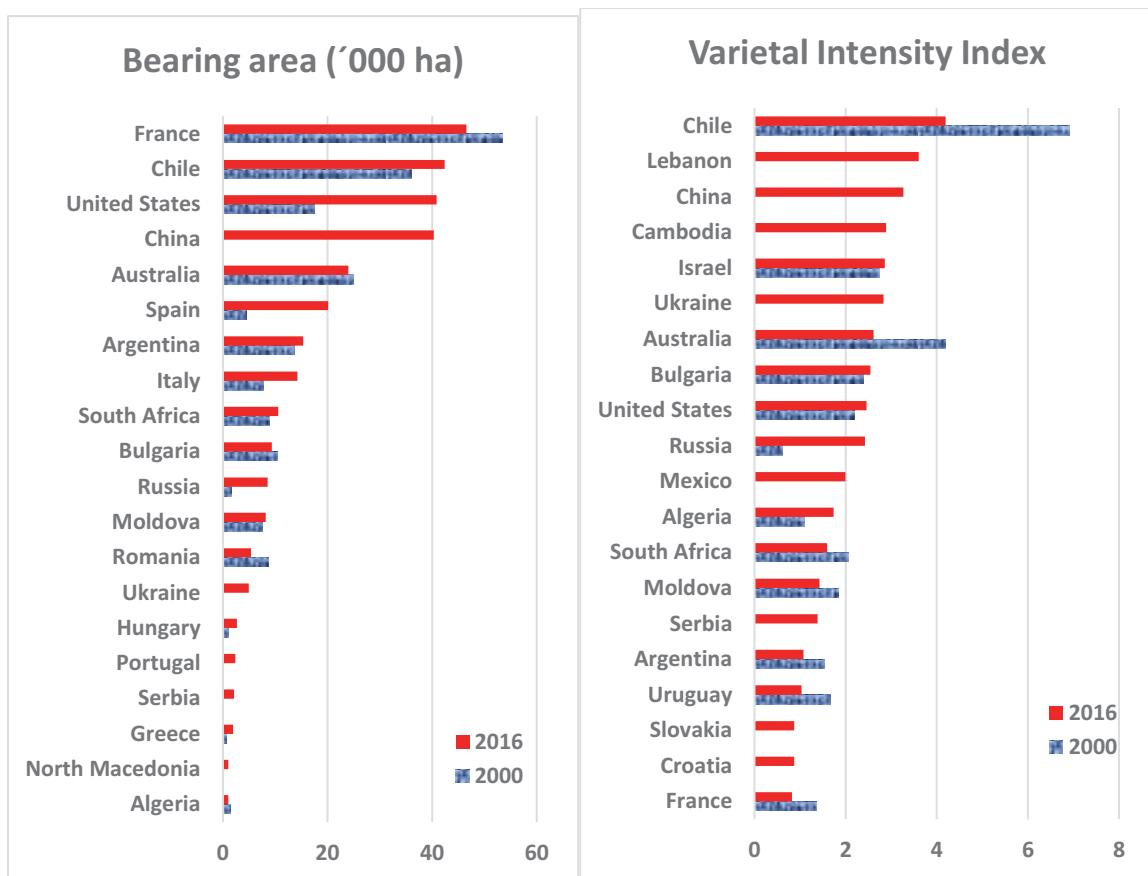
## 65. Bobal



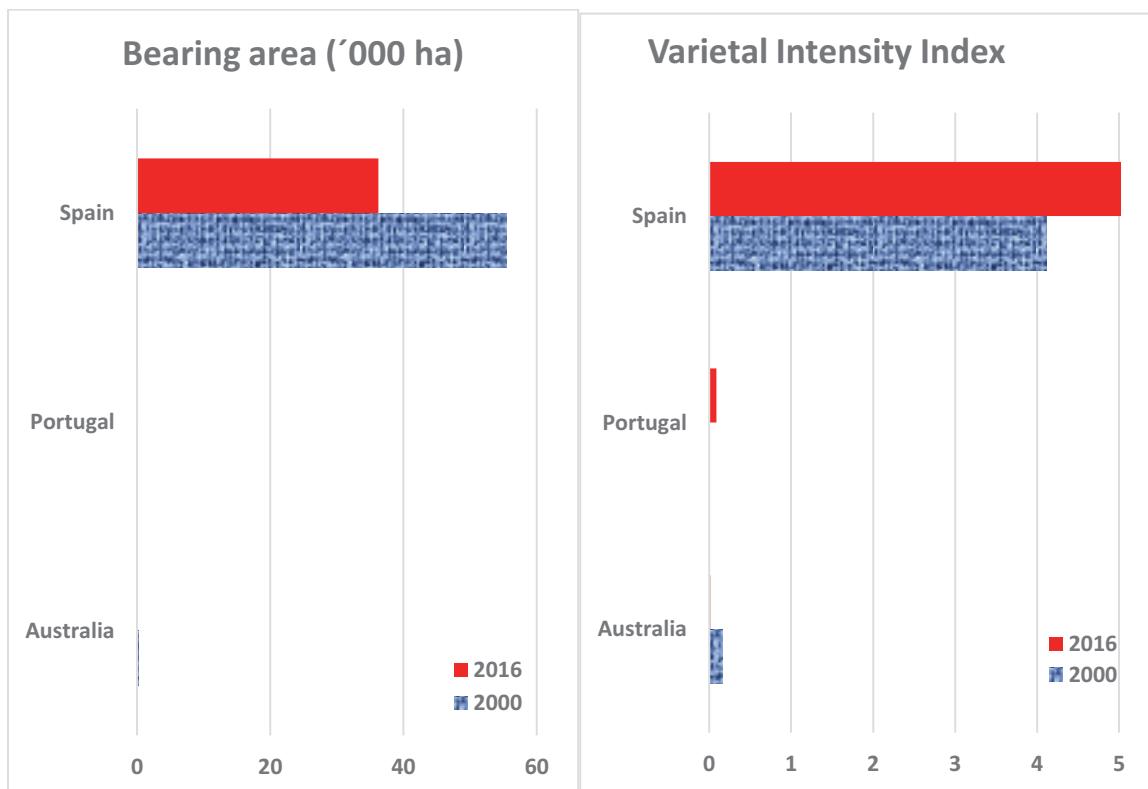
## 66. Cabernet Franc



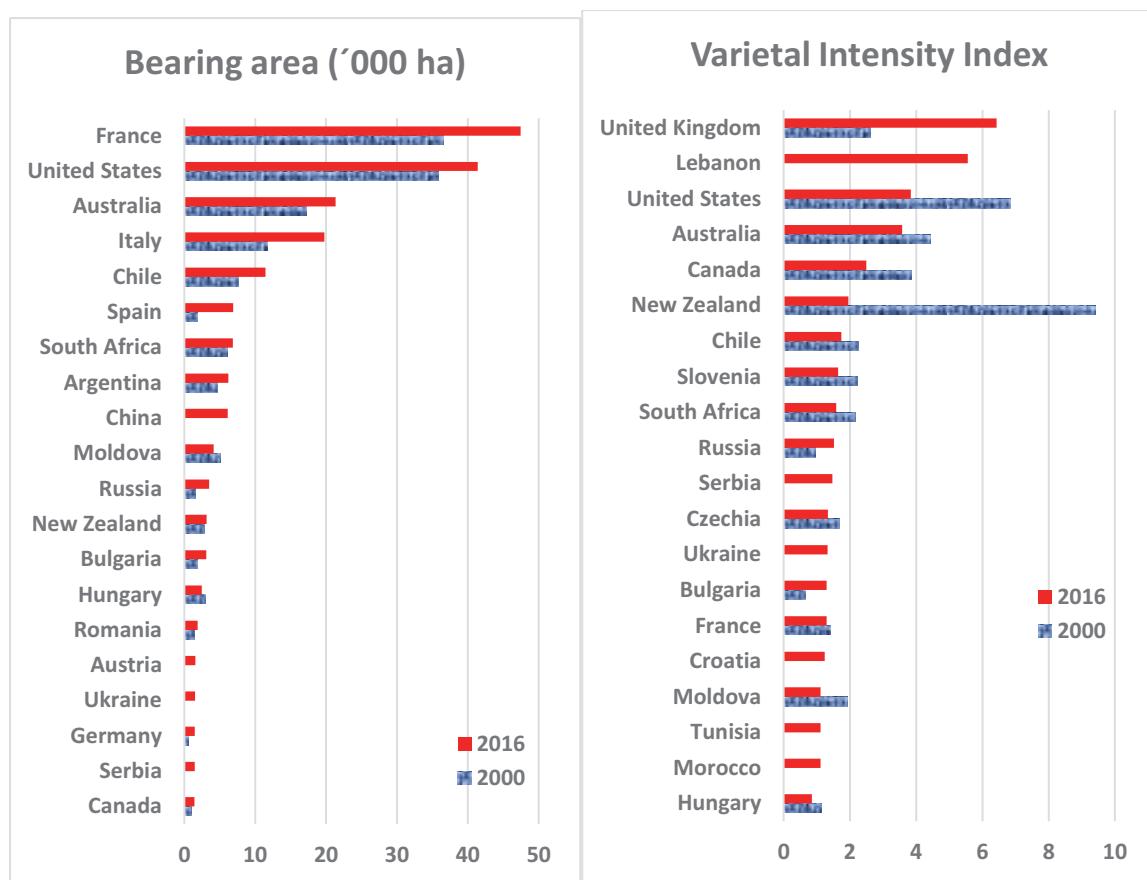
## 67. Cabernet Sauvignon



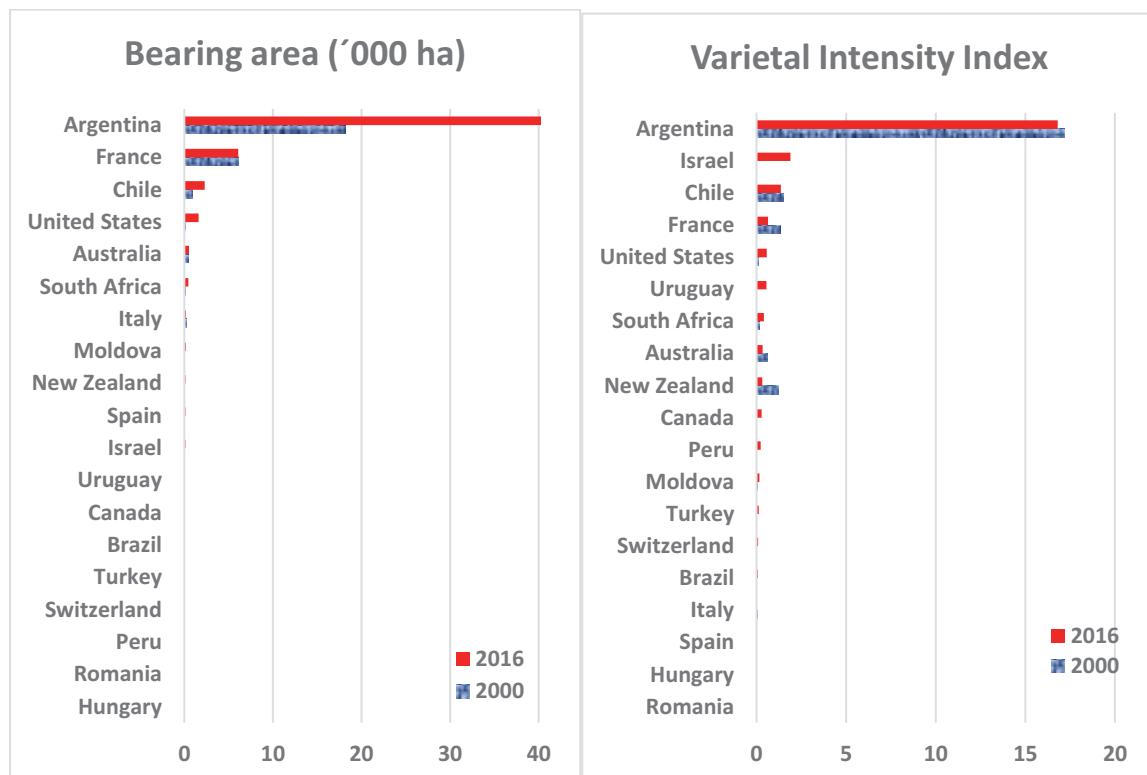
## 68. Cayetana Blanca



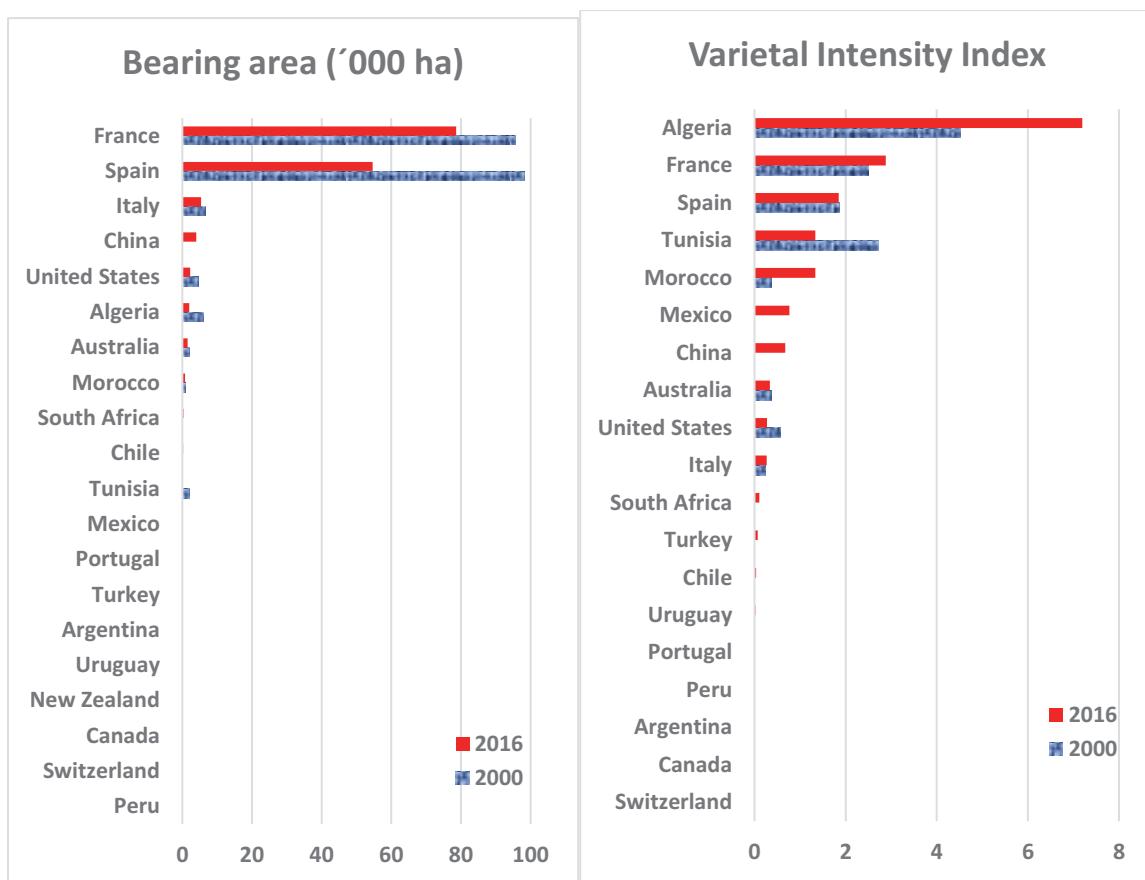
## 69. Chardonnay



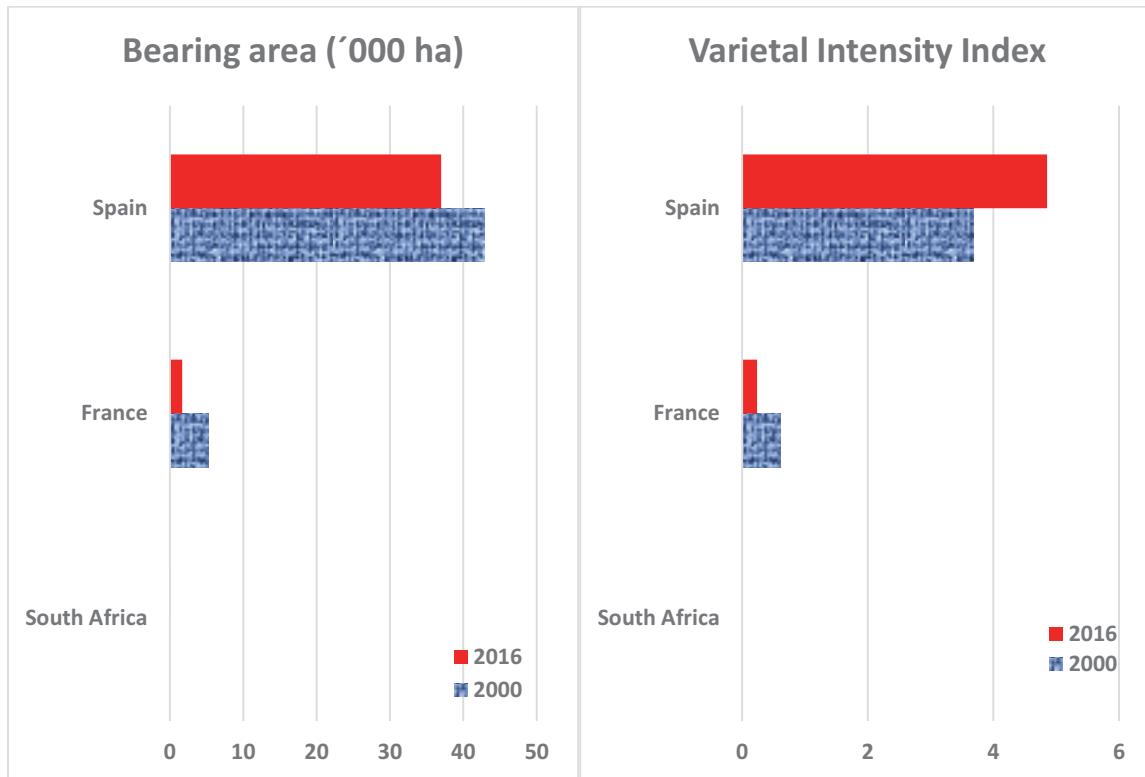
## 70. Côt



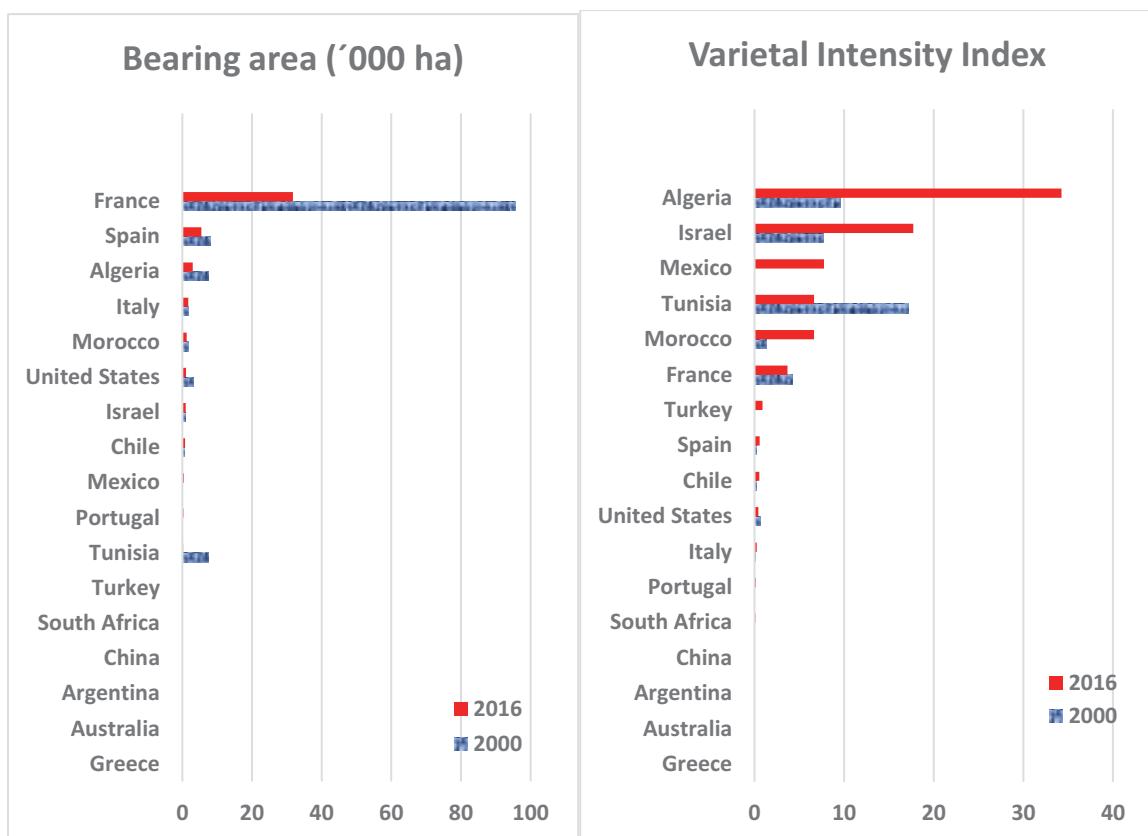
## 71. Garnacha Tinta



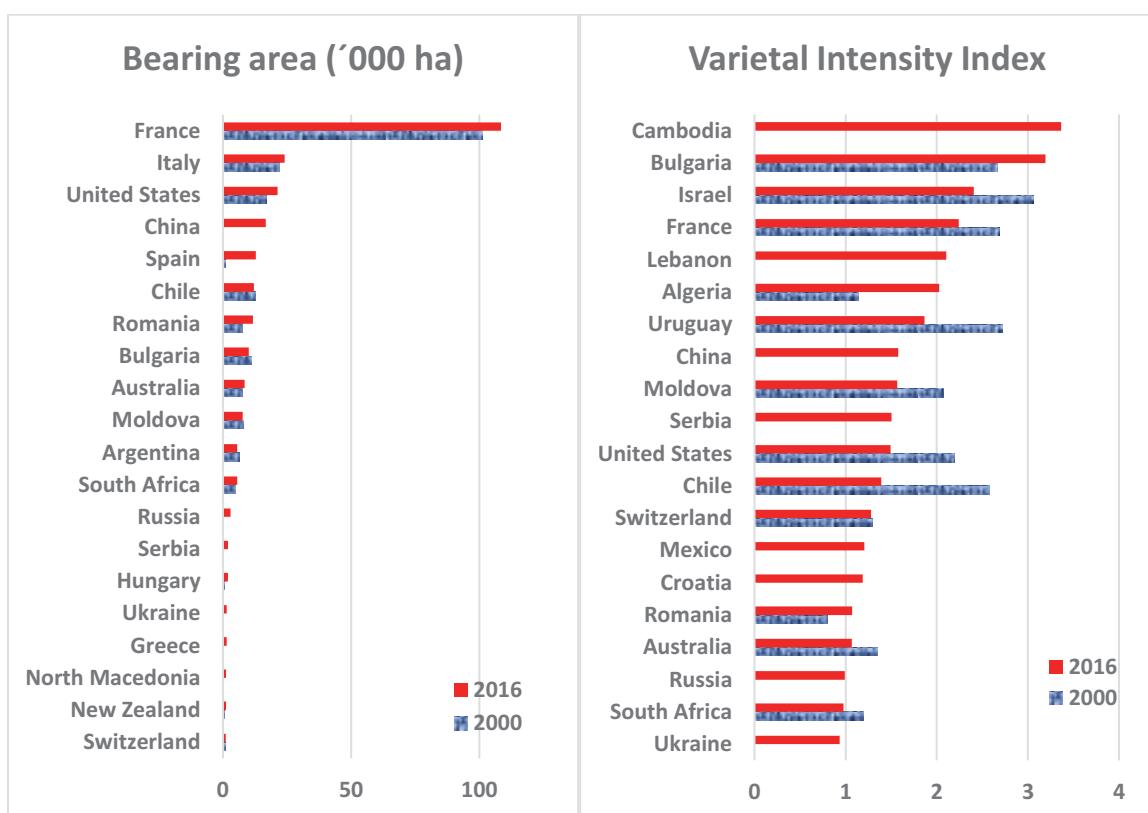
## 72. Macabeo



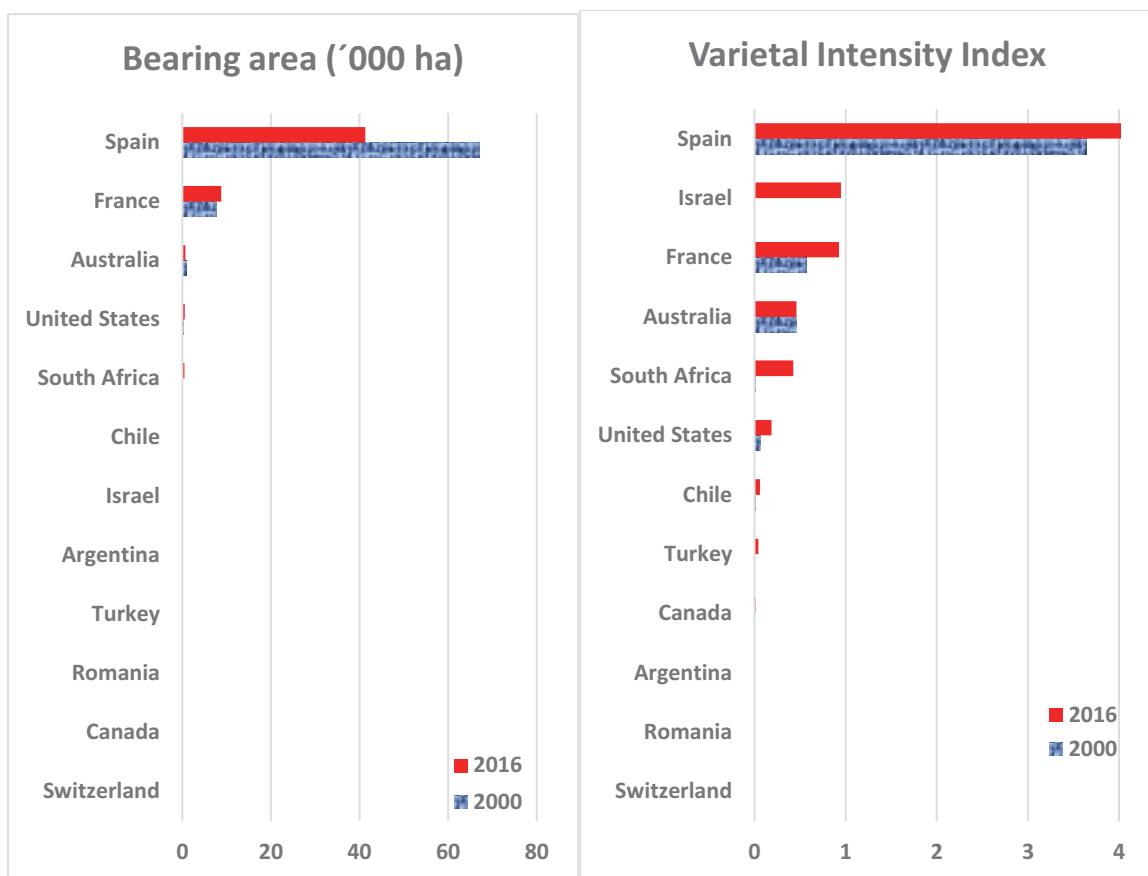
### 73. Mazuelo



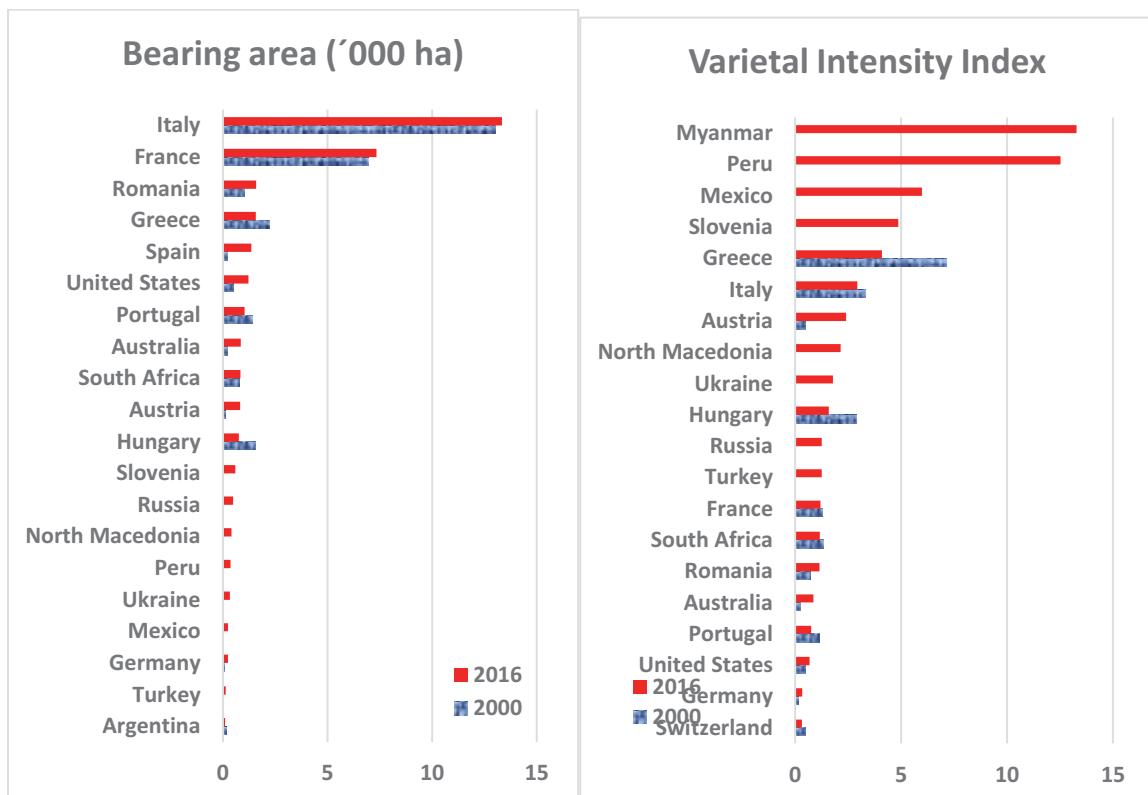
### 74. Merlot



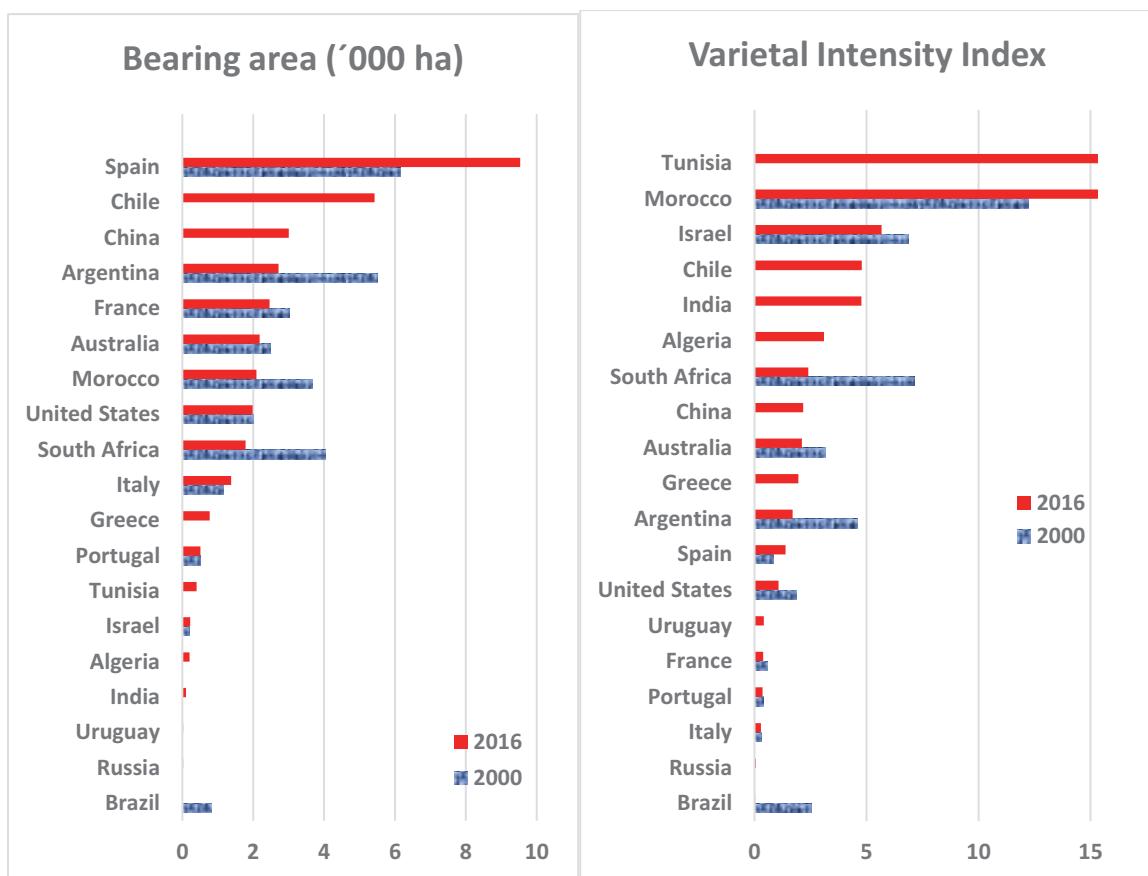
## 75. Monastrell



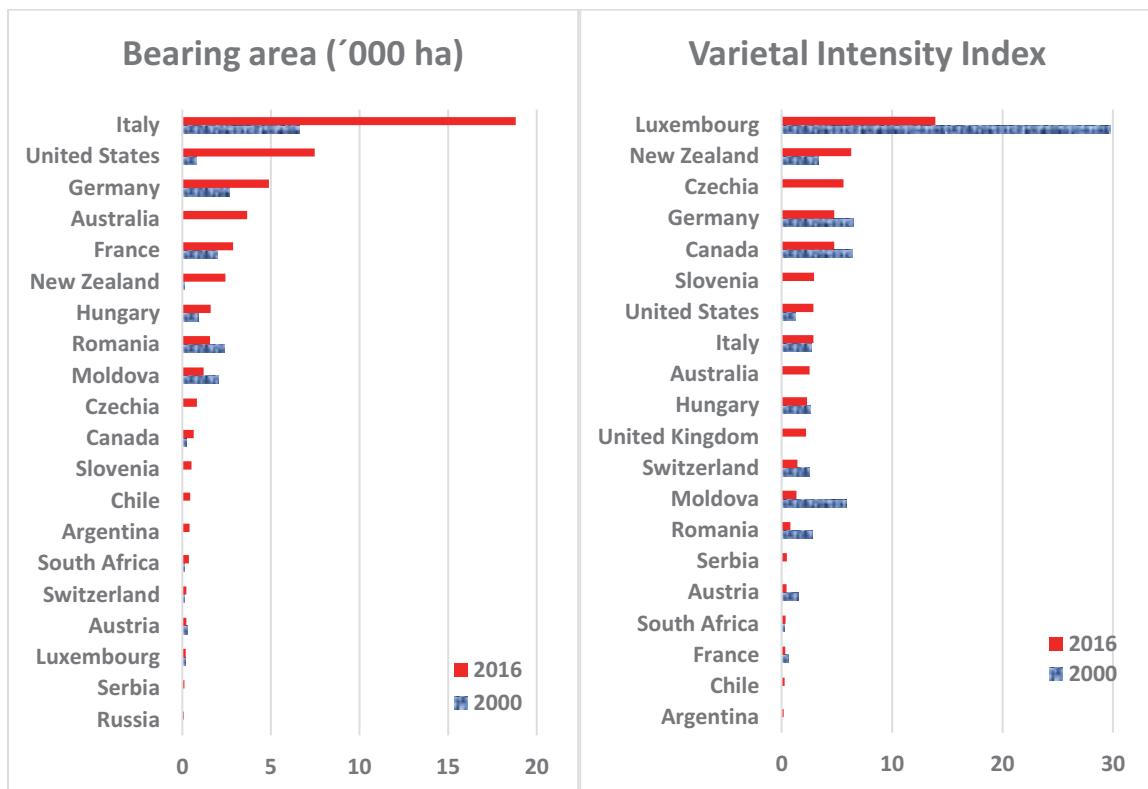
## 76. Muscat Blanc à Petits Grains



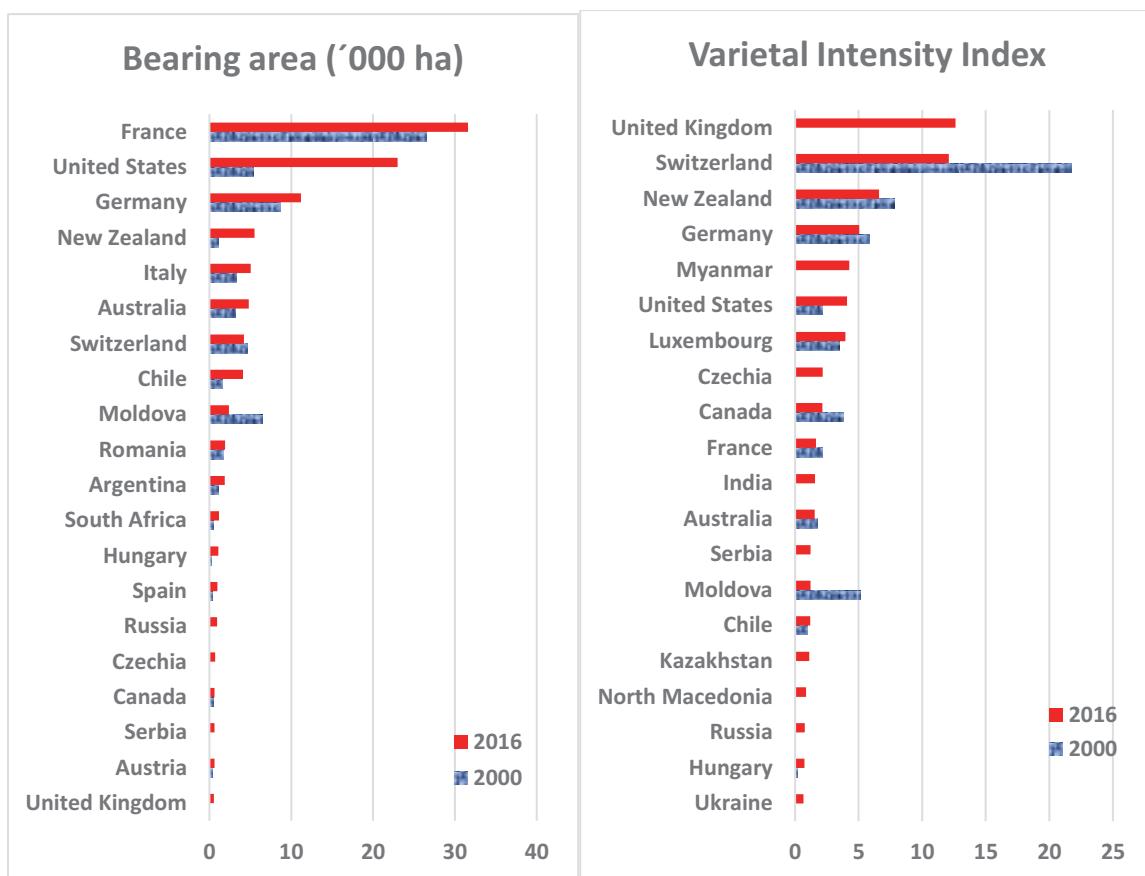
## 77. Muscat of Alexandria



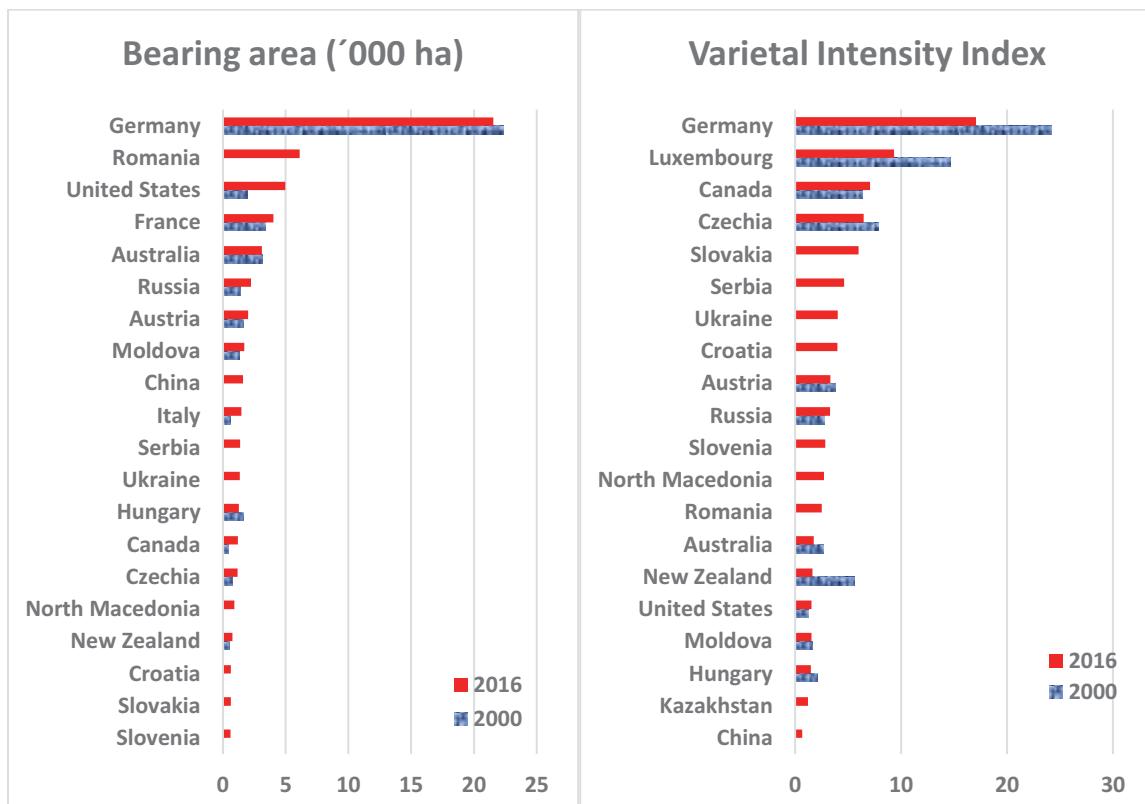
## 78. Pinot Gris



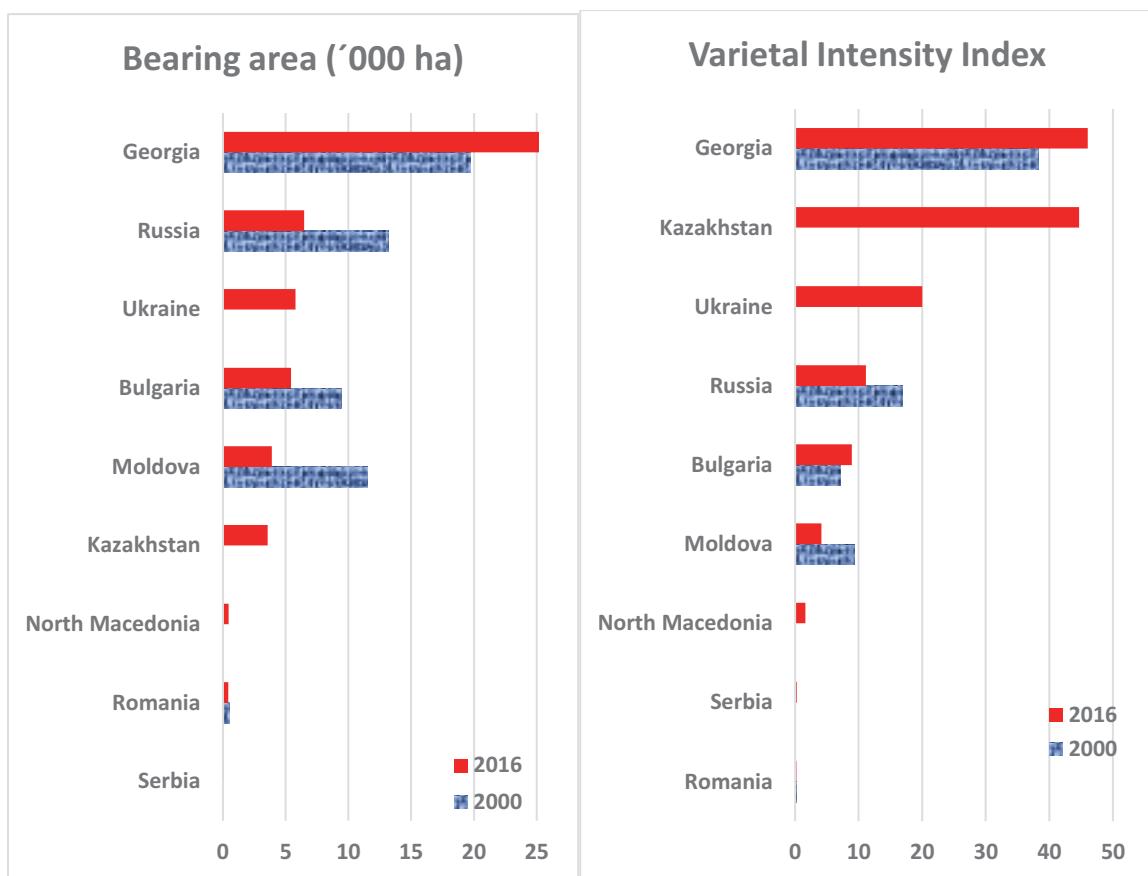
## 79. Pinot Noir



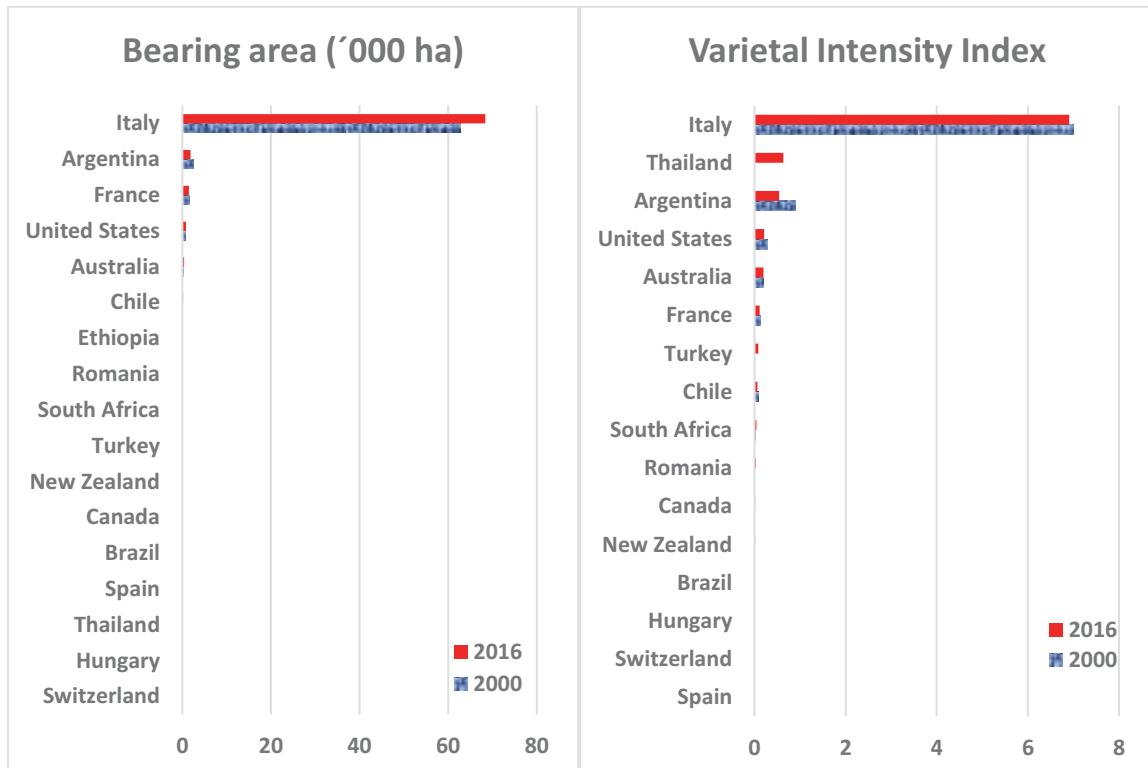
## 80. Riesling



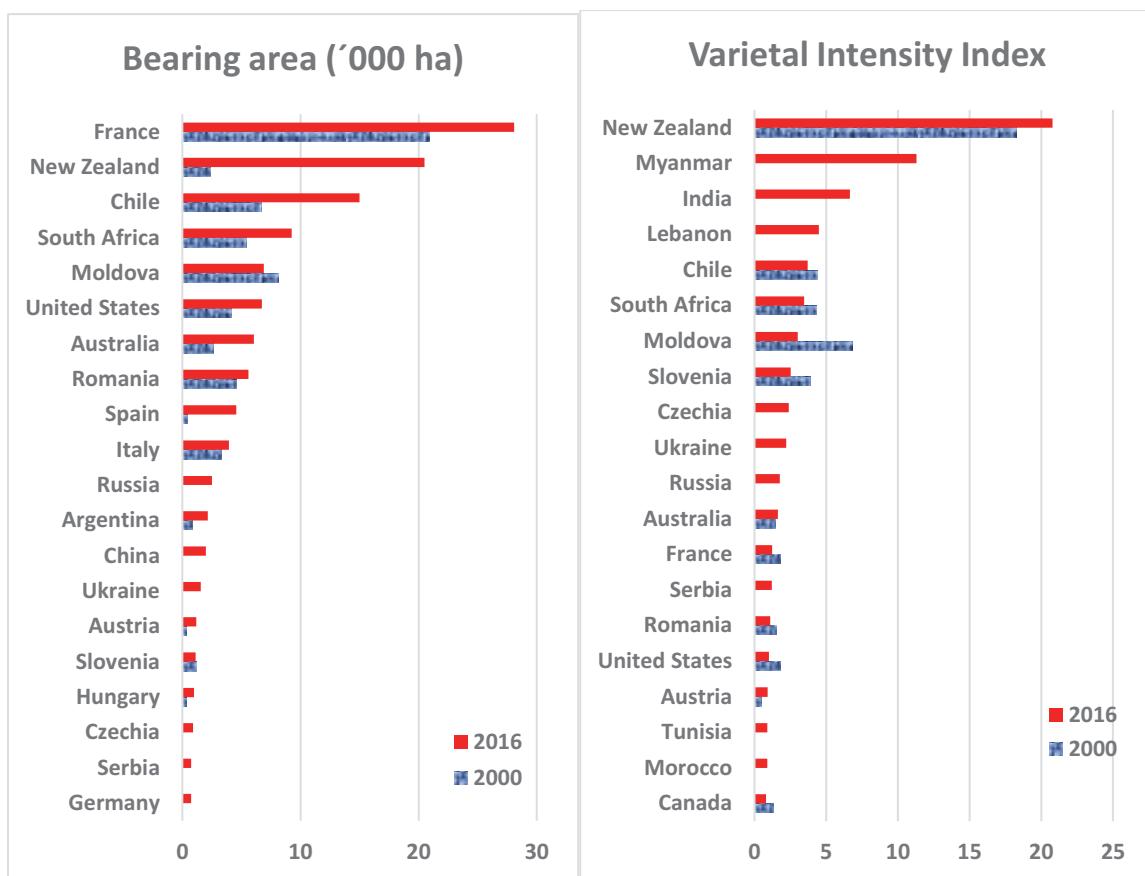
## 81. Rkatsiteli



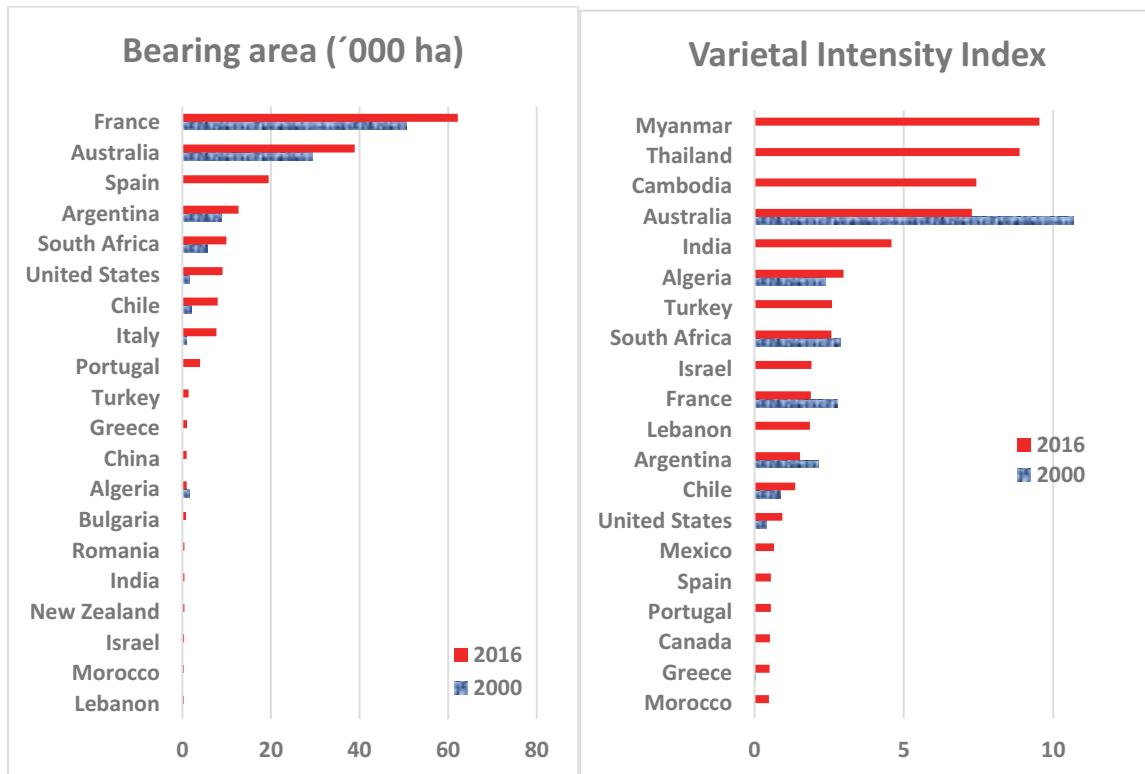
## 82. Sangiovese



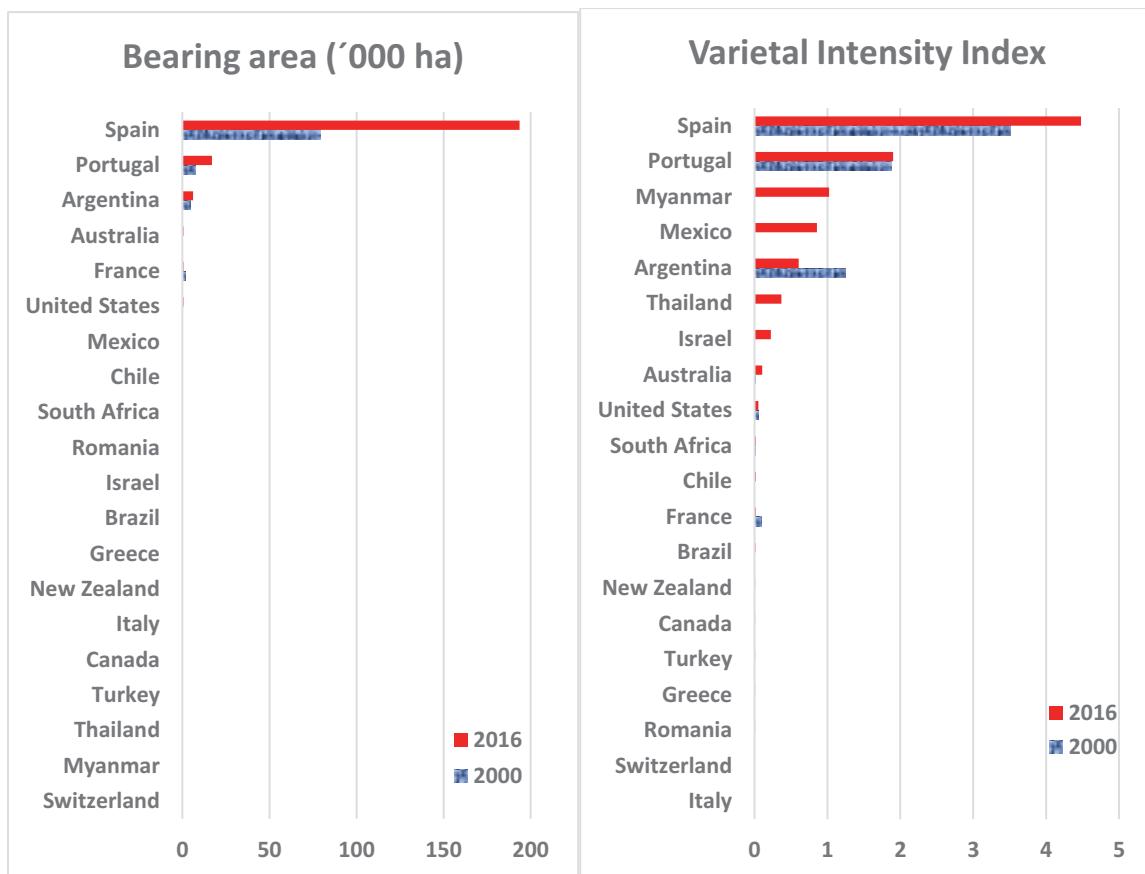
### 83. Sauvignon Blanc



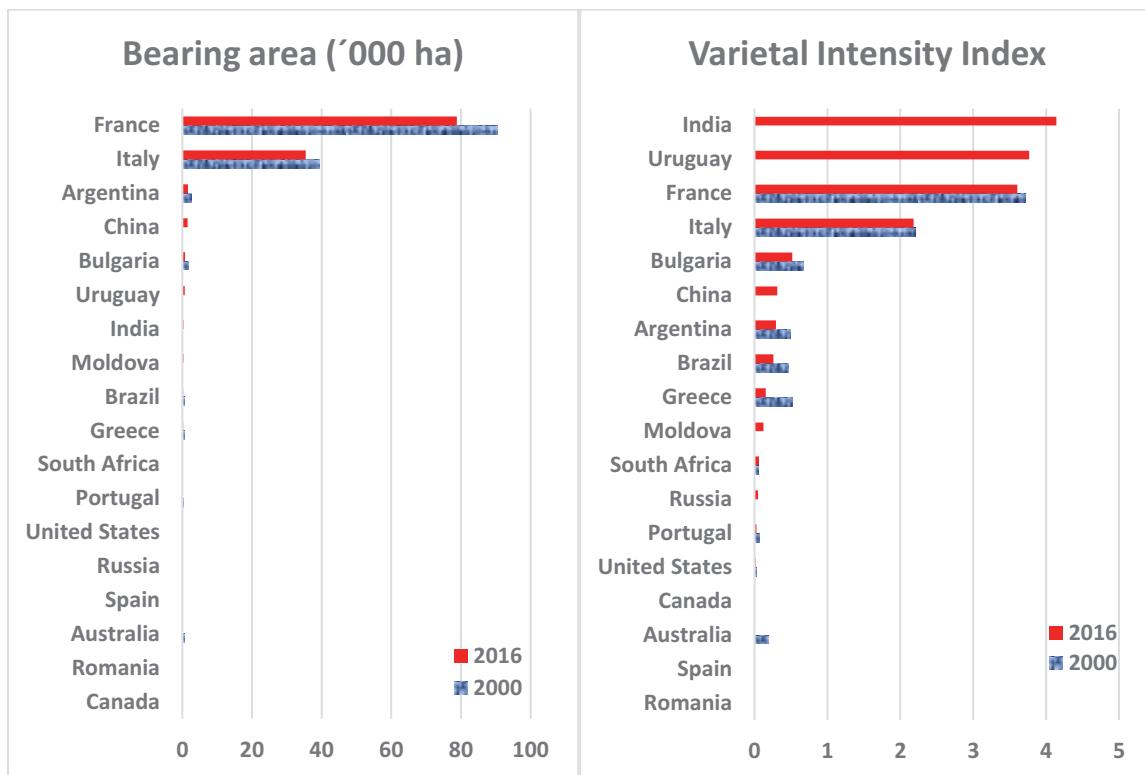
### 84. Syrah



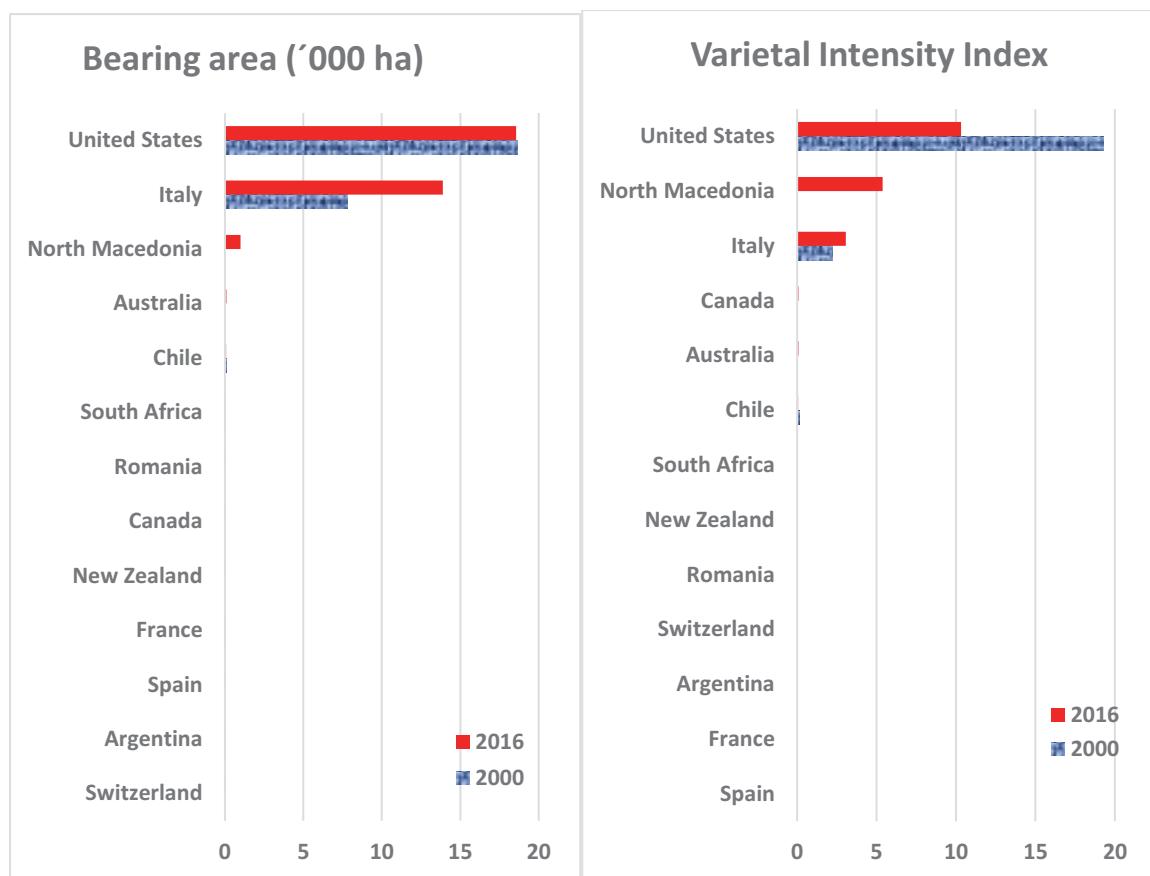
## 85. Tempranillo



## 86. Trebbiano Toscano



## 87. Tribidrag



# **Tables**

## **I. Country coverage**

Table 1: Number of prime varieties and regions, by country, 2000, 2010 and 2016

Country	Code	2000		2010		2016		
		No. of prime varieties	No. of regions	No. of prime varieties	No. of regions	No. of prime varieties	No. of regions	
Algeria	OW	DZ	8	1	8	1	7	1
Argentina	NW	AR	111	75	117	92	107	123
Armenia	OW	AM	6	1	6	1	2	1
Australia	NW	AU	43	76	40	94	146	94
Austria	OW	AT	31	4	35	4	35	19
Brazil	NW	BR	18	1	98	1	86	1
Bulgaria	OW	BG	21	1	16	6	18	6
Cambodia	NW	KH					4	1
Canada	NW	CA	20	1	76	2	137	5
Chile	NW	CL	35	8	53	9	72	12
China	NW	CN			17	10	18	1
Croatia	OW	HR	7	1	71	13	9	2
Cyprus	OW	CY	2	1	15	1	2	1
Czechia	OW	CZ	10	1	32	2	14	5
Ethiopia	NW	ET			6	1	6	1
France	OW	FR	273	29	266	72	266	18
Georgia	OW	GE	21	1	21	1	21	1
Germany	OW	DE	67	13	74	13	103	13
Greece	OW	EL	53	13	52	13	54	13
Hungary	OW	HU	34	1	137	22	157	22
India	NW	IN					8	1
Israel	OW	IL	10	1	10	1	16	1
Italy	OW	IT	321	103	392	110	393	21
Japan	NW	JP			15	5	28	7
Kazakhstan	OW	KZ			14	6	14	6
Korea, Rep.	NW	KR	4	1	4	1	4	1
Lebanon	OW	LB					5	1
Luxembourg	OW	LU	11	1	10	1	11	1
Mexico	NW	MX			17	5	17	5
Moldova	OW	MD	39	1	39	1	87	1
Morocco	OW	MA	8	1	8	1	15	1
Myanmar	NW	MM			11	1	7	1
New Zealand	NW	NZ	22	10	45	11	51	11
North Macedonia	OW	MK					19	1
Norway	NW	NO					2	1
Peru	NW	PE			30	4	30	4
Portugal	OW	PT	78	9	252	9	253	7
Romania	OW	RO	18	1	99	8	102	1
Russia	OW	RU	11	1	53	2	55	3
Serbia	OW	RS	4	1	4	1	31	20
Slovakia	OW	SK	11	1	35	6	8	4
Slovenia	OW	SI	6	1	21	10	34	9
South Africa	NW	ZA	66	9	68	9	98	10
Spain	OW	ES	154	36	144	36	162	17
Switzerland	OW	CH	51	18	58	18	222	29
Taiwan	NW	TW	4	1	4	1	3	1
Thailand	NW	TH			13	1	15	1
Tunisia	OW	TN	9	1	9	1	15	1
Turkey	OW	TR			35	7	35	7
Ukraine	OW	UA			22	1	13	1
United Kingdom	NW	UK	9	1	43	1	16	1
United States	NW	US	83	61	129	89	142	98
Uruguay	NW	UY	8	1	40	1	38	15
"Missing 9 in 2000"		M9	100	1				
<b>Total</b>			<b>1001</b>	<b>489</b>	<b>1384</b>	<b>706</b>	<b>1558</b>	<b>629</b>

Table 2: National shares of global winegrape area and global wine production volume, 2000, 2010 and 2016 (%)

Included wine-producing countries	Share (%) of global winegrape area			Share (%) of global wine production			Non-sampled wine-producing countries	Share (%) of global wine prodn, 2016
	2000	2010	2016	2000	2010	2016		
Algeria	0.61	0.65	0.18	0.16	0.18	0.19	Turkmenistan	0.13
Argentina	3.99	4.59	4.57	4.60	6.19	3.49	Uzbekistan	0.12
Armenia	0.23	0.24	0.33	0.02	0.02	0.02	Belarus	0.10
Australia	2.64	3.26	2.93	3.15	4.39	4.86	Albania	0.06
Austria	0.98	0.98	1.01	0.86	0.66	0.72	Montenegro	0.05
Brazil	1.07	1.06	0.73	1.10	1.29	0.48	Colombia	0.04
Bulgaria	1.94	1.21	1.17	0.67	0.57	0.45	Cuba	0.04
Cambodia			0.00	0.00	0.00	0.00	Estonia	0.04
Canada	0.17	0.22	0.28	0.16	0.21	0.20	Azerbaijan	0.03
Chile	2.31	2.40	3.23	2.09	3.54	3.72	Bolivia	0.03
China		0.64	3.94	1.09	3.62	3.92	Madagascar	0.03
Croatia	1.20	0.45	0.26	0.69	0.18	0.17	Bosnia and Herzegc	0.03
Cyprus	0.37	0.19	0.11	0.20	0.04	0.04	Lithuania	0.02
Czechia	0.23	0.35	0.30	0.19	0.17	0.17	Egypt	0.02
Ethiopia		0.00	0.00	0.00	0.00	0.00	Belgium	0.01
France	17.50	17.96	18.03	21.10	17.26	16.84	Latvia	0.01
Georgia	0.76	1.03	1.06	0.26	0.39	0.33	Malta	0.01
Germany	2.11	2.20	2.09	3.61	2.63	3.34	Zimbabwe	0.01
Greece	1.03	1.17	1.13	1.35	1.28	0.93	Kyrgyzstan	0.01
Hungary	1.76	1.50	1.41	1.58	0.69	1.05	Paraguay	0.01
India			0.06	0.01	0.05	0.08		<b>0.80</b>
Israel	0.10	0.10	0.11	0.00	0.00	0.02		
Italy	12.88	13.45	13.38	19.83	16.54	16.95		
Japan		0.08	0.09	0.06	0.05	0.06		
Kazakhstan		0.15	0.15	0.00	0.06	0.07		
Korea, Rep.	0.11	0.12	0.12	0.10	0.10	0.12		
Lebanon			0.09	0.00	0.05	0.05		
Luxembourg	0.03	0.03	0.03	0.11	0.05	0.06		
Mexico		0.12	0.12	0.38	0.13	0.14		
Moldova	1.82	1.93	1.83	0.41	0.48	0.56		
Morocco	1.00	1.05	0.39	0.11	0.13	0.13		
Myanmar		0.00	0.00	0.00	0.00	0.00		
New Zealand	0.20	0.69	0.78	0.22	0.72	1.16		
North Macedonia			0.55	0.34	0.27	0.26		
Norway			0.00	0.00	0.00	0.00		
Peru		0.08	0.08	0.20	0.22	0.23		
Portugal	4.15	3.51	4.04	2.34	2.63	2.23		
Romania	4.50	3.66	4.04	2.00	1.25	1.22		
Russia	1.14	0.55	1.12	1.13	2.90	2.45		
Serbia	1.40	1.48	0.49	0.59	0.78	0.72		
Slovakia	0.32	0.27	0.17	0.16	0.10	0.11		
Slovenia	0.47	0.35	0.35	0.14	0.09	0.07		
South Africa	1.89	2.17	2.12	3.07	3.75	3.91		
Spain	23.91	22.10	19.55	15.10	13.46	14.83		
Switzerland	0.30	0.32	0.33	0.47	0.39	0.41		
Taiwan	0.06	0.06	0.00	0.00	0.00	0.00		
Thailand		0.00	0.00	0.00	0.00	0.00		
Tunisia	0.34	0.36	0.08	0.15	0.08	0.08		
Turkey		0.28	0.30	0.09	0.11	0.16		
Ukraine		1.12	0.56	0.47	1.14	0.45		
United Kingdom	0.02	0.03	0.04	0.01	0.01	0.01		
United States	3.55	4.90	5.30	8.55	10.09	11.68		
Uruguay	0.18	0.16	0.15	0.33	0.25	0.28		
"Missing 9 in 2000"	1.62							
Rest of world	1.11	0.79	0.80	1.11	0.79	0.80		
<b>Total</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>		

Table 3: Key indicators of national grape area and production, 2000, 2010 and 2016

2000	Share of grapevine area		Share of wine- harvested <sup>a</sup> area		Share of grapes in total area (%)		Share (%) of national agr. crop		Grape yield (tonnes per ha.)	Share of world grape prod'n (%)	
	Total harvested <sup>a</sup> ( '000ha)	Share (%)	Total wine- harvested ( '000ha)	grape area ( '000ha)	world grape area (%)	grapevine area (%)	of national agr. crop	Grape yield (tonnes per ha.)	Total grape prod'n (kt)	world grape prod'n (%)	
Algeria	51	0.7	30.2	0.6	59	0.4	3.8	193	0.3		
Argentina	201	2.7	197.4	4.0	98	0.7	12.2	2461	3.9		
Armenia	15	0.2	11.2	0.2	76	2.3	7.9	116	0.2		
Australia	137	1.9	130.6	2.6	95	0.3	10.0	1374	2.2		
Austria	48	0.7	48.5	1.0	100	3.3	6.9	332	0.5		
Brazil	61	0.8	52.8	1.1	87	0.1	16.5	1005	1.6		
Bulgaria	117	1.6	96.0	1.9	82	2.5	3.6	419	0.7		
Canada	8	0.1	8.5	0.2	100	0.0	8.1	69	0.1		
Chile	160	2.2	114.0	2.3	71	5.4	11.0	1758	2.8		
Croatia	59	0.8	59.4	1.2	100	5.9	6.2	369	0.6		
Cyprus	18	0.2	18.3	0.4	100	13.0	5.6	103	0.2		
Czechia	12	0.2	11.3	0.2	97	0.3	5.8	67	0.1		
France	865	11.8	864.8	17.5	100	4.4	8.9	7676	12.3		
Georgia	62	0.9	37.4	0.8	60	3.5	3.1	193	0.3		
Germany	104	1.4	104.2	2.1	100	0.9	13.6	1415	2.3		
Greece	126	1.7	50.9	1.0	40	1.3	9.8	1242	2.0		
Hungary	90	1.2	86.9	1.8	97	1.8	7.7	688	1.1		
Israel	7	0.1	4.9	0.1	69		14.6	102	0.2		
Italy	870	11.9	636.7	12.9	73	5.6	10.4	9073	14.5		
Korea, Rep.	29	0.4	5.4	0.1	18	1.5	5.6	163	0.3		
Luxembourg	1	0.0	1.3	0.0	100	3.2	9.2	12	0.0		
Moldova	146	2.0	89.8	1.8	61	4.1	3.8	558	0.9		
Morocco	50	0.7	49.6	1.0	100	0.5	5.6	277	0.4		
New Zealand	10	0.1	9.9	0.2	97	0.6	7.5	77	0.1		
Portugal	235	3.2	205.0	4.1	87	8.6	4.3	1014	1.6		
Romania	248	3.4	222.2	4.5	90	2.3	4.8	1178	1.9		
Russia	61	0.8	56.3	1.1	93	0.0	4.2	254	0.4		
Serbia	69	0.9	69.0	1.4	100	1.8	0.5	34	0.1		
Slovakia	18	0.2	15.6	0.3	88	1.0	3.7	65	0.1		
Slovenia	23	0.3	23.5	0.5	100	11.6	4.7	111	0.2		
South Africa	108	1.5	93.7	1.9	87	0.7	13.4	1446	2.3		
Spain	1182	16.1	1181.8	23.9	100	6.5	4.9	5806	9.3		
Switzerland	15	0.2	15.0	0.3	100	3.4	10.8	163	0.3		
Taiwan		0.0	2.8	0.1		0.0			0.0		
Tunisia	28	0.4	16.8	0.3	60	0.3	4.9	139	0.2		
United Kingdom	1	0.0	0.9	0.0	100	0.0	1.6	1	0.0		
United States	376	5.1	175.7	3.6	47	0.1	16.5	6197	9.9		
Uruguay	9	0.1	8.9	0.2	97	0.6	13.3	122	0.2		
"Missing 9 in 2000"	995	13.6	80.2	1.6	8		7.9	7889	12.6		
Rest of the world	744	10.2	54.9	1.1	7	0.0	11.4	8509	13.6		
<b>World</b>	<b>7323</b>	<b>100.0</b>	<b>4942.5</b>	<b>100.0</b>	<b>67</b>	<b>0.3</b>	<b>8.5</b>	<b>62408</b>	<b>100.0</b>		

Table 3 (cont.) Key indicators of national grape area and production, 2000, 2010 and 2016

2010	Total grapevine area harvested <sup>a</sup> ( '000ha)	Share of world grapevine area (%)	Total wine- grape harvested ('000ha)	Share of world wine- grape area (%)	Share of grapes in total grapevine area (%)	Share (%) of national agr. crop area under grapevine	Grape yield (tonnes per ha.)	Total grape prod'n (kt)	Share of world grape prod'n (%)
Algeria	70	1.0	30.2	0.6	43	0.4	6.9	485	0.7
Argentina	223	3.1	213.4	4.6	96	0.5	11.3	2516	3.7
Armenia	14	0.2	11.2	0.2	77	2.3	15.2	220	0.3
Australia	158	2.2	151.8	3.3	96	0.3	11.0	1732	2.5
Austria	46	0.6	45.5	1.0	100	3.2	6.7	307	0.5
Brazil	82	1.2	49.4	1.1	60	0.1	17.2	1421	2.1
Bulgaria	88	1.2	56.1	1.2	64	1.7	2.9	252	0.4
Canada	11	0.2	10.1	0.2	94	0.0	6.7	72	0.1
Chile	200	2.8	111.5	2.4	56	6.3	14.4	2884	4.2
China	547	7.7	29.5	0.6	5	0.0	15.6	8519	12.5
Croatia	33	0.5	20.8	0.4	63	2.1	6.2	206	0.3
Cyprus	9	0.1	8.6	0.2	100	7.3	3.2	28	0.0
Czechia	16	0.2	16.2	0.3	100	0.5	4.2	69	0.1
Ethiopia	2	0.0	0.2	0.0	10		2.9	5	0.0
France	847	11.9	835.6	18.0	99	4.4	7.3	6162	9.1
Georgia	49	0.7	48.0	1.0	99	8.8	2.9	143	0.2
Germany	102	1.4	102.1	2.2	100	0.8	11.2	1146	1.7
Greece	100	1.4	54.4	1.2	54	1.5	9.4	938	1.4
Hungary	75	1.1	69.7	1.5	93	1.5	5.7	432	0.6
Israel	6	0.1	4.9	0.1	85		16.6	95	0.1
Italy	768	10.8	625.7	13.4	81	6.6	10.0	7715	11.4
Japan	18	0.3	3.7	0.1	21	0.1	10.3	187	0.3
Kazakhstan	10	0.1	6.9	0.1	72	0.0	5.8	56	0.1
Korea, Rep.	18	0.2	5.4	0.1	31	1.0	17.4	306	0.4
Luxembourg	1	0.0	1.3	0.0	100	2.1	12.9	17	0.0
Mexico	27	0.4	5.5	0.1	20	0.0	10.8	288	0.4
Moldova	132	1.9	89.8	1.9	68	4.3	4.4	587	0.9
Morocco	49	0.7	49.0	1.1	100	0.5	7.2	355	0.5
Myanmar		0.0	0.1	0.0		0.0			0.0
New Zealand	33	0.5	32.0	0.7	97	5.8	7.3	238	0.4
Peru	15	0.2	3.8	0.1	25	0.1	18.5	281	0.4
Portugal	180	2.5	163.5	3.5	91	8.8	4.6	826	1.2
Romania	179	2.5	170.3	3.7	95	1.8	4.9	870	1.3
Russia	43	0.6	25.6	0.6	59	0.0	8.0	345	0.5
Serbia	69	1.0	69.0	1.5	100	1.9	5.2	362	0.5
Slovakia	13	0.2	12.6	0.3	100	0.9	3.0	37	0.1
Slovenia	16	0.2	16.4	0.4	100	8.3	7.0	114	0.2
South Africa	113	1.6	101.0	2.2	89	0.8	11.5	1305	1.9
Spain	1028	14.4	1028.3	22.1	100	6.0	5.7	5817	8.6
Switzerland	15	0.2	14.8	0.3	100	3.5	9.0	134	0.2
Taiwan		0.0	2.8	0.1					0.0
Thailand	4	0.1	0.1	0.0	3	0.0	17.5	77	0.1
Tunisia	29	0.4	16.8	0.4	58	0.3	3.5	103	0.2
Turkey	476	6.7	12.9	0.3	3	0.1	9.0	4272	6.3
Ukraine	69	1.0	52.3	1.1	76	0.2	6.7	466	0.7
United Kingdom	1	0.0	1.2	0.0	100	0.0	0.8	1	0.0
United States	385	5.4	227.9	4.9	59	0.1	17.4	6721	9.9
Uruguay	8	0.1	7.7	0.2	96	0.4	13.5	108	0.2
Rest of the world	748	10.5	36.8	0.8	5	0.0	12.2	9142	13.5
<b>World<sup>a</sup></b>	<b>7128</b>	<b>100.0</b>	<b>4652.6</b>	<b>100.0</b>	<b>65</b>	<b>0.3</b>	<b>9.5</b>	<b>67955</b>	<b>100.0</b>

<sup>a</sup>Non-sample countries, which have a high (mostly non-wine) grape area harvested in 2009-11, are (in '000ha): Iran-230, Uzbekistan-108, India-991, Egypt-64, Afghanistan-61, Syria-51, Tajikistan-35, Macedonia-20, Turkmenistan-18, Korea-18, Pakistan-15, Yemen-14, Azerbaijan-11, Saudi Arabia-11, Lebanon-11

Table 3 (cont.) Key indicators of national grape area and production, 2000, 2010 and 2016

2016	Share of world grapevine area harvested ('000ha)		Share of world wine- grape area ('000ha)		Share of wine- grapes in grapevine area (%)		Share (%) of national agr. crop	Grape yield (tonnes per ha.)*	Total grape prod'n (kt)*	Share of world grape prod'n (%)*
	Total grapevine area ('000ha)	Share of world grapevine area (%)	Total wine- grape area ('000ha)	Share of world wine- grape area (%)	total grapevine area (%)	area under grapevine				
Algeria	66	0.8	8.3	0.2	13	0.8	8.2	571	0.7	
Argentina	224	2.9	206.3	4.6	92	0.6	7.9	1758	2.0	
Armenia	16	0.2	14.7	0.3	90	3.2	10.9	179	0.2	
Australia	136	1.7	132.4	2.9	97	0.4	13.0	1773	2.0	
Austria	45	0.6	45.4	1.0	100	3.2	5.7	260	0.3	
Brazil	77	1.0	33.2	0.7	43	0.1	14.4	1113	1.3	
Bulgaria	53	0.7	53.0	1.2	100	1.5	4.0	211	0.2	
Cambodia	na	0.0	0.0	0.0	na	0.0				0.0
Canada	na	0.0	12.6	0.3	na	0.0	9.0	117	0.1	
Chile	214	2.7	145.9	3.2	68	12.4	10.3	2200	2.5	
China	799	10.2	178.0	3.9	22	0.6	16.8	12629	14.5	
Croatia	26	0.3	11.7	0.3	46	2.8	5.4	124	0.1	
Cyprus	7	0.1	5.1	0.1	78	5.2	2.9	18	0.0	
Czechia	16	0.2	13.6	0.3	86	0.6	4.8	76	0.1	
Ethiopia	2	0.0	0.2	0.0	7	0.0	2.2	5	0.0	
France	815	10.4	814.9	18.0	100	4.2	7.7	6247	7.2	
Georgia	57	0.7	48.0	1.1	85	11.8	2.8	159	0.2	
Germany	100	1.3	94.5	2.1	95	0.8	12.3	1226	1.4	
Greece	110	1.4	50.8	1.1	46	3.3	11.9	1083	1.2	
Hungary	72	0.9	63.9	1.4	88	1.6	7.0	476	0.5	
India	120	1.5	2.7	0.1	2	0.1	21.2	2590	3.0	
Israel	8	0.1	5.0	0.1	62	2.0	8.2	66	0.1	
Italy	673	8.6	604.6	13.4	90	7.4	12.3	8202	9.4	
Japan	17	0.2	3.9	0.1	23	0.4	10.5	179	0.2	
Kazakhstan	15	0.2	6.9	0.2	47	0.0	5.1	75	0.1	
Korea, Rep.	15	0.2	5.4	0.1	35	0.9	14.9	229	0.3	
Lebanon	8	0.1	4.0	0.1	47	3.3	8.3	70	0.1	
Luxembourg	1	0.0	1.3	0.0	100	2.0	8.5	11	0.0	
Mexico	28	0.4	5.5	0.1	19	0.1	13.0	337	0.4	
Moldova	129	1.6	82.6	1.8	64	6.5	4.8	616	0.7	
Morocco	45	0.6	17.6	0.4	39	0.5	7.9	365	0.4	
Myanmar	na	0.0	0.1	0.0	na	0.0				0.0
New Zealand	40	0.5	35.5	0.8	88	6.3	10.6	436	0.5	
North Macedonia	25	0.3	24.8	0.5	100	5.5	14.5	333	0.4	
Norway	na	0.0	0.0	0.0	na	0.0				0.0
Peru	28	0.4	3.8	0.1	14	0.6	24.7	690	0.8	
Portugal	183	2.3	182.6	4.0	100	10.0	4.2	774	0.9	
Romania	183	2.3	182.8	4.0	100	2.0	4.0	737	0.8	
Russia	63	0.8	50.8	1.1	81	0.1	8.7	601	0.7	
Serbia	22	0.3	22.0	0.5	100	0.8	6.6	146	0.2	
Slovakia	9	0.1	7.7	0.2	88	0.6	4.3	38	0.0	
Slovenia	16	0.2	16.0	0.4	100	6.7	5.9	95	0.1	
South Africa	120	1.5	95.8	2.1	79	1.0	16.3	1966	2.3	
Spain	941	12.0	883.6	19.6	94	5.5	6.5	6103	7.0	
Switzerland	15	0.2	14.8	0.3	100	3.5	9.2	136	0.2	
Taiwan	3	0.0	0.1	0.0	5	0.4	27.1	80	0.1	
Thailand	5	0.1	0.2	0.0	5	0.0	17.7	80	0.1	
Tunisia	22	0.3	3.4	0.1	15	0.4	6.7	134	0.2	
Turkey	462	5.9	13.7	0.3	3	1.9	9.2	4000	4.6	
Ukraine	50	0.6	25.2	0.6	50	0.1	8.8	378	0.4	
United Kingdom	2	0.0	1.8	0.0	100	0.0	1.1	1	0.0	
United States	414	5.3	239.6	5.3	58	0.3	17.1	6983	8.0	
Uruguay	7	0.1	6.7	0.1	99	0.3	15.4	105	0.1	
Rest of the world	1320	16.9	36.1	0.8	3	0.2	6.2	20018	23.1	
<b>World</b>	<b>7824</b>	<b>100.0</b>	<b>4519.2</b>	<b>100.0</b>	<b>58</b>	<b>0.5</b>	<b>11.3</b>	<b>86799</b>	<b>100</b>	

\* These final three columns refer to 2014

Table 4: National winegrape areas, 2000, 2010 and 2016, and changes from 2000 to 2016 and 2010 to 2016 (ha and %)

<i>Country</i>	<i>Area in 2000</i> (hectares)	<i>Area in 2010</i> (hectares)	<i>Area in 2016</i> (hectares)	<i>Hectare change, 2000 to 2016</i>	<i>Hectare change, 2010 to 2016</i>	<i>% change, 2000-16</i>	<i>% change, 2010-16</i>
Algeria	30200	30200	8300	-21,900	-21,900	-73	-73
Argentina	197418	213372	206342	8,924	-7,030	5	-3
Armenia	11206	11206	14705	3,499	3,499	31	31
Australia	130602	151788	132435	1,833	-19,353	1	-13
Austria	48496	45533	45439	-3,057	-94	-6	0
Brazil	52840	49412	33205	-19,635	-16,207	-37	-33
Bulgaria	95997	56133	52974	-43,023	-3,159	-45	-6
Cambodia			10				
Canada	8498	10096	12600	4,102	2,504	48	25
Chile	113966	111525	145873	31,907	34,348	28	31
China		29545	178000				502
Croatia	59448	20754	11746	-47,702	-9,008	-80	-43
Cyprus	18282	8608	5133	-13,149	-3,475	-72	-40
Czechia	11331	16242	13600	2,269	-2,642	20	-16
Ethiopia		169	169				0
France	864846	835554	814882	-49,964	-20,672	-6	-2
Georgia	37419	48001	48000	10,581	-1	28	0
Germany	104233	102135	94501	-9,732	-7,634	-9	-7
Greece	50915	54390	50845	-70	-3,545	0	-7
Hungary	86886	69715	63881	-23,006	-5,835	-26	-8
India			2700				
Israel	4851	4851	5000	149	149	3	3
Italy	636662	625700	604551	32,111	21,149	-5	-3
Japan		3715	3869				4
Kazakhstan		6938	6938				0
Korea, Rep.	5400	5400	5400	0	0	0	0
Lebanon			4000				
Luxembourg	1348	1304	1300	-48	-4	-4	0
Mexico		5465	5465				0
Moldova	89844	89844	82600	-7,244	-7,244	-8	-8
Morocco	49600	49000	17590	-32,010	-31,410	-65	-64
Myanmar		75	70				-7
New Zealand	9942	31964	35463	25,521	3,500	257	11
North Macedonia			24777				
Norway			13				
Peru		3831	3831				0
Portugal	205003	163522	182649	-22,354	19,127	-11	12
Romania	222173	170292	182762	-39,411	12,470	-18	7
Russia	56332	25628	50794	-5,538	25,166	-10	98
Serbia	68999	68999	22014	-46,985	-46,985	-68	-68
Slovakia	15580	12637	7748	-7,832	-4,889	-50	-39
Slovenia	23472	16354	15989	-7,483	-365	-32	-2
South Africa	93656	101016	95775	2,120	-5,241	2	-5
Spain	1181806	1028258	883558	-298,248	-144,700	-25	-14
Switzerland	15042	14820	14793	-249	-27	-2	0
Taiwan	2833	2833	149	-2,684	-2,684	-95	-95
Thailand		149	208				39
Tunisia	16836	16836	3400	-13,436	-13,436	-80	-80
Turkey		12856	13704				7
Ukraine		52293	25166				-52
United Kingdom	873	1198	1839	966	641	111	54
United States	175693	227949	239632	63,938	11,683	36	5
Uruguay	8880	7657	6743	-2,137	-914	-24	-12
"Missing 9 in 2000"	80221						
<b>Old World subtotal</b>	<b>4006807</b>	<b>3658602</b>	<b>3373338</b>	<b>-570,272</b>	<b>-285,264</b>	<b>-16</b>	<b>-8</b>
<b>New World subtotal</b>	<b>800601</b>	<b>957160</b>	<b>1109790</b>	<b>245,992</b>	<b>152,631</b>	<b>39</b>	<b>16</b>
<b>World total</b>	<b>4887629</b>	<b>4615761</b>	<b>4483128</b>	<b>-404,501</b>	<b>-132,633</b>	<b>-8</b>	<b>-3</b>



## **II. Winegrape varietal coverage**

Table 5: Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016  
(ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Abbau	R	2375	0.05	187	2375	0.05	170			
Abbuoto	R	696	0.01	332	37	0.00	789	18	0.00	869
Abondant	W	0	0.00	974	0	0.00	1317	0	0.00	1401
Abouriou	R	419	0.01	401	329	0.01	437	310	0.01	417
Abrusco	R	399	0.01	406	423	0.01	395	215	0.00	473
Accent	R							1	0.00	1297
Acolon	R				490	0.01	379	477	0.01	362
Adakarası	R	48	0.00	648	69	0.00	691	89	0.00	602
Adalmiina	W							5	0.00	1076
Adirondac	R							24	0.00	830
Admirable de Courtiller	W				28	0.00	841	27	0.00	808
Afus Ali	W	1837	0.04	212	381	0.01	409	211	0.00	477
Agadai	W	1265	0.03	261						
Agasfark	R							0	0.00	1519
Agiorgitiko	R	2320	0.05	190	2905	0.06	153	3272	0.07	139
Aglianico	R	9346	0.19	78	9995	0.22	72	9734	0.22	73
Aglianicone	R	148	0.00	514	62	0.00	709	30	0.00	781
Agni	R				6	0.00	1061			
Agronomica	R	19	0.00	742	327	0.01	439	299	0.01	422
Agua Santa	R				78	0.00	671	76	0.00	633
Ahmeur Bou Ahmeur	R	3	0.00	867	1	0.00	1247	0	0.00	1407
Airén	W	387978	7.94	1	252364	5.47	3	203801	4.55	4
Aladasturi	R	46	0.00	650	59	0.00	718	59	0.00	665
Alarije	W	1686	0.03	220	1726	0.04	199	4407	0.10	126
Alb Aromat	W				24	0.00	863	24	0.00	832
Alb de Ialoveni	W	2	0.00	903	2	0.00	1175			
Alb de Suruceni	W							780	0.02	286
Albalonga	W	57	0.00	631	15	0.00	934	12	0.00	935
Albana	W	2487	0.05	183	1523	0.03	210	782	0.02	285
Albanello	W	117	0.00	541	18	0.00	911	2	0.00	1181
Albaranzeuli Bianco	W	72	0.00	601	7	0.00	1046	2	0.00	1164
Albaranzeuli Nero	R	40	0.00	665	49	0.00	754	28	0.00	800
Albarín Blanco	W				23	0.00	878	48	0.00	706
Albarola	W	4090	0.08	130	197	0.00	522	95	0.00	587
Albarossa	R	5	0.00	851	80	0.00	664	70	0.00	645
Albilló Mayor	W	5	0.00	848	1319	0.03	232	1152	0.03	241
Albilló Real	W	3368	0.07	148	861	0.02	296	601	0.01	329
Alcañon	W	54	0.00	637	60	0.00	716	27	0.00	804
Aleatico	R	458	0.01	391	346	0.01	429	165	0.00	512
Aledo	W				7	0.00	1043	2	0.00	1170
Aleksandrouli	R	219	0.00	476	281	0.01	463	281	0.01	436
Aletta	W				723	0.02	318	1676	0.04	196
Alfrocheiro	R	523	0.01	380	1188	0.03	249	1216	0.03	232
Alicante Henri Bouschet	R	37157	0.76	28	38462	0.83	24	36031	0.80	24
Aligoté	W	35668	0.73	29	36120	0.78	26	26929	0.60	33
Alionza	W	41	0.00	662	11	0.00	986	9	0.00	988
Almafra	W				0	0.00	1335	0	0.00	1495
Alphonse Lavallée	R	15	0.00	764	862	0.02	294	634	0.01	319
Altesse	W	294	0.01	444	359	0.01	419	227	0.01	464

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Alutus	R				2	0.00	1197	2	0.00	1217
Alvar Branco	W				0	0.00	1329	0	0.00	1457
Alvar Roxo	G				2	0.00	1192	2	0.00	1208
Alvarelhão	R	5272	0.11	117	5701	0.12	107	2910	0.06	147
Alvarelhao Ceitao	R				0	0.00	1381	0	0.00	1539
Alvarinho	W							5545	0.12	106
Amaral	R	582	0.01	362	92	0.00	634	93	0.00	589
Amigne	W	21	0.00	732	43	0.00	771	42	0.00	722
Amur	R				146	0.00	563	146	0.00	523
Amurg	R				3	0.00	1133	3	0.00	1119
Ancellotta	R	4405	0.09	122	4681	0.10	115	2739	0.06	154
Andor	W							1	0.00	1349
Andre	W				477	0.01	382	5	0.00	1073
Antao Vaz	W	376	0.01	412	1252	0.03	239	1768	0.04	190
Apiren Alb	W							1	0.00	1247
Apiren Roz	R							0	0.00	1376
Ar110	G	1	0.00	950	1	0.00	1244	1	0.00	1299
Ar99	G	3	0.00	864	5	0.00	1085	5	0.00	1071
Aramon Bouschet	R	10	0.00	802						
Aramon Noir	R	9157	0.19	80	2601	0.06	163	1181	0.03	238
Aramon Noir (W)	R	43	0.00	654	15	0.00	937	14	0.00	912
Aramont	R	1	0.00	941				0	0.00	1454
Aranel	W	22	0.00	729	5	0.00	1080	5	0.00	1060
Arany Sárfehér	W	2914	0.06	164	1133	0.02	255	586	0.01	331
Arbane	W	1	0.00	930	2	0.00	1190	1	0.00	1256
Arcas	R				1	0.00	1260	1	0.00	1306
Argaman	R	202	0.00	483	202	0.00	518	275	0.01	437
Ariana	R				3	0.00	1136			
Arinarnoa	R	150	0.00	513	189	0.00	528	486	0.01	358
Arinto de Bucelas	W	3966	0.08	134	4482	0.10	121	5409	0.12	107
Arkadia	W							303	0.01	420
Arneis	W	738	0.02	327	1122	0.02	256	1179	0.03	239
Arnsburger	W	3	0.00	871	30	0.00	824	29	0.00	786
Aromat de Iasi	W				62	0.00	710	66	0.00	652
Aromella	W							3	0.00	1145
Arriloba	W	59	0.00	627	55	0.00	729	54	0.00	677
Arrouya	R				0	0.00	1382	0	0.00	1542
Arrufiac	W	126	0.00	530	80	0.00	663	9	0.00	987
Arvesiniadu	W	147	0.00	516	30	0.00	829	13	0.00	927
Arvine	W	61	0.00	622	172	0.00	540	192	0.00	492
Asirtiko Red	R	22	0.00	730	5	0.00	1088	5	0.00	1067
Aspiran Bouschet	R	433	0.01	398	2245	0.05	176	4088	0.09	130
Asproudha	W	433	0.01	397	113	0.00	598	120	0.00	556
Assaraky	W				1	0.00	1235	0	0.00	1364
Assyrtiko	W	1106	0.02	279	902	0.02	286	1770	0.04	189
Astra	W				0	0.00	1332	0	0.00	1432
Athiri	W	1350	0.03	251	748	0.02	312	577	0.01	335
Aubin Blanc	W	2	0.00	913	1	0.00	1258	1	0.00	1335
Aubun	R	1411	0.03	243	553	0.01	358	537	0.01	344
Augster Blau	R							0	0.00	1487
Augster Weiss	W				1	0.00	1277	1	0.00	1336
Augustovski	W							0	0.00	1409
Aurelius	W				70	0.00	689			

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Aurore	W	299	0.01	439	268	0.01	473	255	0.01	446
Auxerrois	W	2302	0.05	191	2785	0.06	156	2853	0.06	149
Avana	R	53	0.00	641	28	0.00	842	18	0.00	870
Avarengo	R	1453	0.03	238	987	0.02	274	153	0.00	518
Avesso	W	636	0.01	344	685	0.01	328	699	0.02	301
Azal	W	3302	0.07	150	1072	0.02	267	1443	0.03	215
Băbească Neagră	R	3722	0.08	141	3122	0.07	146	2696	0.06	156
Băbească Neagră (G)	R				328	0.01	438	297	0.01	424
Babić	R	1189	0.02	271	359	0.01	420			
Babica	R				18	0.00	910			
Babosa de Madere	W				2	0.00	1170	2	0.00	1227
Bacchus	W	3374	0.07	147	2113	0.05	182	1759	0.04	191
Baco Blanc	W	2137	0.04	203	739	0.02	314	528	0.01	348
Baco Noir	R	397	0.01	407	475	0.01	383	735	0.02	293
Bácska	G							7	0.00	1011
Baga	R	6730	0.14	101	4108	0.09	125	6750	0.15	97
Bailey	R				34	0.00	803	49	0.00	702
Bakator Belyi	W				11	0.00	987	11	0.00	944
Bakator Kék	R				3	0.00	1154	2	0.00	1166
Bakator Roz	R				16	0.00	928	16	0.00	887
Balada	R				0	0.00	1297	0	0.00	1368
Baleille	W	1	0.00	923						
Baratuciat	W				2	0.00	1191	2	0.00	1209
Barbarossa	G	16	0.00	757						
Barbaroux	G	79	0.00	586	30	0.00	828	29	0.00	787
Barbera	R	33041	0.68	31	24366	0.53	38	17824	0.40	46
Barbera Bianca	W	251	0.01	464	181	0.00	534	114	0.00	563
Barbera Sarda	R	326	0.01	430	84	0.00	651	70	0.00	644
Barcelo	W	34	0.00	682	23	0.00	880	26	0.00	809
Bariadorgia	W	0	0.00	972						
Barkhatnyi	W				30	0.00	827	30	0.00	783
Baron	R							1	0.00	1274
Baroque	W	169	0.00	499	94	0.00	631	83	0.00	613
Barreto de Semente	R				3	0.00	1158	3	0.00	1161
Barsaglina	R	20	0.00	734	17	0.00	918	9	0.00	989
Bastardo Branco	W				15	0.00	942	14	0.00	914
Bastardo Magarachsky	R	1969	0.04	209	2370	0.05	171	180	0.00	500
Batili	W	27	0.00	703						
Batily	R	38	0.00	671	54	0.00	734	1	0.00	1277
Batoca	W	80	0.00	584	11	0.00	974	8	0.00	999
Batuta Neagra	R				3	0.00	1150	3	0.00	1143
Bayanshira	W	451	0.01	394	645	0.01	336	645	0.01	316
Beba	W	8250	0.17	84	6524	0.14	96	2556	0.06	161
Beclan	R	0	0.00	985	0	0.00	1324	0	0.00	1504
Beibinghong	R							1600	0.04	206
Bellandais	R	2	0.00	917						
Bellone	W	1315	0.03	256	511	0.01	370	184	0.00	497
Beogradska Crna	W							0	0.00	1419
Bequignol Gris	W				3	0.00	1149	2	0.00	1175
Béquignol Noir	R	1083	0.02	285	891	0.02	289	616	0.01	325
Bianca	W	2180	0.04	201	6462	0.14	97	9766	0.22	72
Biancame	W	1330	0.03	253	2599	0.06	164	1336	0.03	223
Bianchetta Trevigiana	W	53	0.00	639	13	0.00	952	12	0.00	940

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Bianco d'Alessano	W	941	0.02	300	419	0.01	398	39	0.00	728
Biancolella	W	385	0.01	409	164	0.00	547	23	0.00	843
Biancone di Portoferaio	W	67	0.00	616	78	0.00	670	34	0.00	761
Biancu Gentile	W	1	0.00	940	9	0.00	1018	5	0.00	1058
Biborkadarka	R	202	0.00	482	136	0.00	575	109	0.00	573
Bical	W	912	0.02	305	924	0.02	281	1076	0.02	251
Birstaler Muskat	W							1	0.00	1288
Black Prince	R							1	0.00	1344
Black Queen	R	566	0.01	368	713	0.02	321	143	0.00	528
Blanc Dame	W	0	0.00	980	0	0.00	1338	0	0.00	1453
Blanc du Bois	W				28	0.00	838	81	0.00	620
Blanca Ovoide	W	107	0.00	551	40	0.00	778	44	0.00	718
Blanqueiro	W	1	0.00	958						
Blasius	W				14	0.00	946	15	0.00	899
Blattner Cal 1-15	R							0	0.00	1496
Blattner Cal 1-20	R							0	0.00	1369
Blattner Cal 1-22	R							0	0.00	1391
Blattner Cal 1-28	R							2	0.00	1216
Blattner Cal 1-31	R							0	0.00	1508
Blattner Cal 1-36	R							1	0.00	1252
Blattner Reds	R				39	0.00	781	8	0.00	995
Blattner Whites	W				25	0.00	855	7	0.00	1016
Blauburger	R	1002	0.02	292	1339	0.03	230	1223	0.03	231
Blauer Portugieser	R	9156	0.19	81	8027	0.17	87	6590	0.15	98
Blauer Wildbacher	R	472	0.01	388	368	0.01	415	437	0.01	377
Blaufränkisch	R	13997	0.29	59	17890	0.39	46	17180	0.38	48
Blush Seedless	R	10	0.00	799						
Boal Barreiro	W				1	0.00	1283	0	0.00	1418
Boal Vencedor	W				2	0.00	1161	2	0.00	1185
Bobal	R	100128	2.05	11	80120	1.74	13	59189	1.32	15
Boğazkere	R	773	0.02	321	1106	0.02	259	1436	0.03	218
Bogdanuša	W				48	0.00	759			
Boiziau	R	1	0.00	929						
Bokay	W							4	0.00	1094
Bombino Bianco	W	2903	0.06	165	1239	0.03	240	1147	0.03	242
Bombino Nero	R	1156	0.02	275	1201	0.03	247	865	0.02	275
Bonamico	R	336	0.01	427	233	0.01	497	149	0.00	521
Bonarda Grande	R	538	0.01	375						
Bonarda Piemontese	R	23	0.00	718	6	0.00	1064	5926	0.13	103
Bonda	R	3	0.00	873	7	0.00	1047	7	0.00	1008
Bondola	R	17	0.00	752	13	0.00	959	11	0.00	956
Borraçal	R	2654	0.05	177	683	0.01	329	512	0.01	350
Borsmenta	W							1	0.00	1292
Bosco	W	88	0.00	574	82	0.00	657	50	0.00	697
Bouchales	R	108	0.00	547	95	0.00	628	93	0.00	591
Bouillet	R	2	0.00	896	1	0.00	1265	1	0.00	1324
Bourboulenc	W	772	0.02	322	585	0.01	349	501	0.01	354
Bousquet Precoce	W	16	0.00	759	6	0.00	1071	0	0.00	1501
Bouvier	W	365	0.01	416	250	0.01	487	224	0.00	467
Bracciola Nera	R	89	0.00	572	26	0.00	850	4	0.00	1109
Brachetto del Piemonte	R	1534	0.03	232	1460	0.03	217	1694	0.04	194
Branco Escola	W				2	0.00	1189	2	0.00	1203
Branco Gouvaes	W				36	0.00	793	34	0.00	757

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Branco Sr. Joao	W				0	0.00	1299	0	0.00	1443
Branco Valente	W				0	0.00	1330	0	0.00	1471
Brandam	W				312	0.01	448	291	0.01	428
Braquet Noir	R	8	0.00	817	12	0.00	968	12	0.00	936
Breidecker	W	28	0.00	696	7	0.00	1042	0	0.00	1371
Brianna	W				12	0.00	964	21	0.00	853
Bric	R	21	0.00	733	2	0.00	1165	1	0.00	1242
Brocada	W	2	0.00	890						
Bronner	W				9	0.00	1017	6	0.00	1034
Brun Argente	R	14	0.00	772	11	0.00	978	11	0.00	954
Budai Zöld	W				6	0.00	1056	6	0.00	1045
Buffalo	R							0	0.00	1535
Bukettraube	W	280	0.01	447	71	0.00	685	54	0.00	676
Burdin	W	0	0.00	988	0	0.00	1365	0	0.00	1522
Bussanello	W	8	0.00	824	12	0.00	973	3	0.00	1132
Busuioacă de Bohotin	G				268	0.01	472	343	0.01	400
BX 81-83	R							1	0.00	1352
Cabaret Noir	R							3	0.00	1158
Caberinta	R	85	0.00	577	69	0.00	690	38	0.00	734
Cabernet Blanc	W							6	0.00	1033
Cabernet Cantor	R							1	0.00	1244
Cabernet Carbon	R							11	0.00	955
Cabernet Carol	R							6	0.00	1037
Cabernet Cortis	R							38	0.00	735
Cabernet Cubin	R				60	0.00	715	62	0.00	659
Cabernet Diane	R				0	0.00	1301	0	0.00	1374
Cabernet Dore	W				1	0.00	1219	1	0.00	1260
Cabernet Dorio	R				36	0.00	797	34	0.00	756
Cabernet Dorsa	R	43	0.00	655	252	0.01	486	272	0.01	438
Cabernet Early	R							0	0.00	1492
Cabernet Foch	R							2	0.00	1207
Cabernet Franc	R	51974	1.06	20	61295	1.33	17	56052	1.25	16
Cabernet Jura	R				19	0.00	899	27	0.00	802
Cabernet Malbec	R	34	0.00	681						
Cabernet Mitos	R				322	0.01	442	312	0.01	414
Cabernet Moravia	R				212	0.00	508			
Cabernet Sanzey	R							0	0.00	1475
Cabernet Sauvignon	R	223074	4.56	3	290083	6.28	1	310671	6.93	1
Cabernet Soyhières	R							1	0.00	1303
Cabernet x Maréchal Foch	R							0	0.00	1479
Cabertin	R							2	0.00	1223
Cabinda	R				362	0.01	418	355	0.01	395
Cabral	R				2	0.00	1186	2	0.00	1197
Caddiu	R	978	0.02	295	309	0.01	451	83	0.00	612
Caíño Blanco	W	69	0.00	609	128	0.00	586	77	0.00	630
Caladoc	R	1427	0.03	242	3675	0.08	132	5258	0.12	111
Calagrano	W	8229	0.17	85	4794	0.10	114			
Calitor Noir	R	85	0.00	579	26	0.00	849	26	0.00	817
Çalkarası	R	436	0.01	396	625	0.01	343	806	0.02	279
Callet	R	151	0.00	511	154	0.00	554	138	0.00	533
Calmeria	W							0	0.00	1404
Caloria	R	129	0.00	526	108	0.00	606	45	0.00	715
Calrao	R				1	0.00	1233	1	0.00	1305

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Camaralet de Lasseube	W	691	0.01	333	520	0.01	365	306	0.01	419
Campanario	R				2	0.00	1185	2	0.00	1200
Campbell Early	R	43	0.00	656	61	0.00	713	238	0.01	456
Canada Muscat	W	49	0.00	645				120	0.00	555
Canadice	R				0	0.00	1326	0	0.00	1373
Canaiolo Nero	R	2418	0.05	185	1068	0.02	268	1033	0.02	253
Canari Noir	R	218	0.00	479	163	0.00	549	84	0.00	611
Canela	G	0	0.00	984	1	0.00	1213	3	0.00	1146
Canelon	R	8	0.00	820	8	0.00	1024			
Canner Seedless	W				0	0.00	1368	0	0.00	1509
Canorroyo	W	157	0.00	509						
Capolongo	W				5	0.00	1079	0	0.00	1362
Caracol	W	14	0.00	773	33	0.00	814	33	0.00	766
Caramela	W				0	0.00	1292	0	0.00	1375
Carbernet Volos	R							0	0.00	1489
Cardinal	R	3870	0.08	136	536	0.01	361	1660	0.04	198
Carica l'Asino	W	299	0.01	438	17	0.00	913	5	0.00	1057
Carignan Bouschet	R	16	0.00	762	1	0.00	1203	1	0.00	1243
Carla	R				0	0.00	1358	0	0.00	1480
Carmem	R							328	0.01	405
Carmenère	R	5711	0.12	114	11366	0.25	65	22486	0.50	38
Carmine	R	10	0.00	805						
Carminoir	R				10	0.00	992	11	0.00	945
Carnelian	R	625	0.01	348	316	0.01	445	123	0.00	547
Carrega Branco	W				507	0.01	373	512	0.01	351
Carrega Tinto	R				17	0.00	917	17	0.00	880
Carricante	W	252	0.01	463	205	0.00	517	35	0.00	753
Cartouche	W	31	0.00	688						
Casavecchia	R				136	0.00	574	92	0.00	593
Cascade	R							22	0.00	848
Casculho	R				267	0.01	474	269	0.01	440
Casetta	R				12	0.00	962	14	0.00	922
Castalia	W				0	0.00	1333	0	0.00	1494
Castel	R	0	0.00	992	2	0.00	1169	3	0.00	1139
Castela	R				8	0.00	1026	7	0.00	1020
Castelão	R	14424	0.30	58	11088	0.24	66	12580	0.28	59
Castelão Branco	W				37	0.00	787	18	0.00	872
Castelino	R				147	0.00	560	144	0.00	525
Castellana Blanca	W							1	0.00	1272
Castelo Branco	W				5	0.00	1097	2	0.00	1176
Castets	R	0	0.00	998	0	0.00	1377	0	0.00	1545
Castiglione	R	83	0.00	581	18	0.00	906	4	0.00	1088
Castonotal	W	0	0.00	975						
Catalanesca	W				54	0.00	735	7	0.00	1019
Catanese Nero	R	76	0.00	592	15	0.00	941	7	0.00	1018
Catarratto Bianco	W	50711	1.04	21	34863	0.76	29	28613	0.64	32
Catawba	R	635	0.01	346	633	0.01	339	626	0.01	321
Caverdella	W							5	0.00	1066
Caivrara	R				23	0.00	877	1	0.00	1240
Çavuş	W							3	0.00	1151
Cayetana Blanca	W	55776	1.14	19	39781	0.86	23	36401	0.81	23
Cayuga White	W	108	0.00	549	212	0.00	509	217	0.00	470
Cellerina	R				2	0.00	1195	2	0.00	1222

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Centennial Seedless	W	2	0.00	888				1	0.00	1263
Centesimino	R				24	0.00	871	25	0.00	824
Centurian	R	134	0.00	520	34	0.00	805	33	0.00	764
Cep Rouge	R	0	0.00	996						
Cerceal Branco	W	597	0.01	358	379	0.01	410	261	0.01	443
Cereza	G	31113	0.64	32	29934	0.65	36	28887	0.64	31
Cesanese	R	1024	0.02	291	679	0.01	331	446	0.01	373
Cesar	R	8	0.00	815	10	0.00	989	15	0.00	909
Cetinka	W				35	0.00	802			
Chambourcin	R	257	0.01	460	1097	0.02	260	968	0.02	259
Champanel	R							1	0.00	1251
Chancellor	R	27	0.00	702	49	0.00	753	38	0.00	739
Chaouch Blanc	W	2	0.00	911	3	0.00	1156			
Chardonel	W				144	0.00	565	90	0.00	599
Chardonnay	W	145543	2.98	7	199743	4.33	5	201649	4.50	5
Chardoris	W							0	0.00	1448
Charmont	W	7	0.00	831	10	0.00	1003	10	0.00	968
Chasan	W	914	0.02	304	749	0.02	311	549	0.01	342
Chasselas	W	13318	0.27	60	13119	0.28	59	7377	0.16	93
Chasselas (R)	W	11	0.00	791	95	0.00	629	90	0.00	601
Chasselas Sabor	W				0	0.00	1370	0	0.00	1528
Chatus	R	15	0.00	765	79	0.00	667	71	0.00	640
Chelois	R				1	0.00	1202	2	0.00	1236
Chelva	W	10877	0.22	73	6168	0.13	102	5029	0.11	113
Chenanson	R	636	0.01	345	466	0.01	388	452	0.01	370
Chenel	W	339	0.01	425	79	0.00	666	33	0.00	765
Chenin Blanc	W	45761	0.94	24	35703	0.77	27	32221	0.72	29
Chenivesse	R	1	0.00	922						
Chinuri	W	955	0.02	298	1225	0.03	242	1225	0.03	230
Chkhaveri	G	20	0.00	736	26	0.00	852	26	0.00	815
Cianorie	R				2	0.00	1159	1	0.00	1255
Cidreiro	R				0	0.00	1344	0	0.00	1459
Cienna	R							70	0.00	642
Ciliegiolo	R	2527	0.05	182	1830	0.04	195	897	0.02	269
Cinsaut	R	48428	0.99	22	34751	0.75	30	22926	0.51	37
Cinsaut (G)	R							2	0.00	1237
Cinsaut (W)	R	41	0.00	660	7	0.00	1039	0	0.00	1442
Cinsaut Seedless	R	9	0.00	809	13	0.00	955			
Citronny Magarach	W				307	0.01	453	307	0.01	418
Cividin	W				4	0.00	1102	4	0.00	1091
Clairette	W	4359	0.09	124	3057	0.07	147	2420	0.05	165
Clara	W							0	0.00	1523
Clarín	W	11	0.00	792	6	0.00	1063	6	0.00	1046
Claverie	W	3	0.00	865	1	0.00	1264	1	0.00	1340
Clinton	R							0	0.00	1424
Coarnă Neagră	R							114	0.00	564
Cococciola	W	887	0.02	308	983	0.02	275	1671	0.04	197
Coda di Volpe Bianca	W	980	0.02	294	586	0.01	348	77	0.00	631
Codană	R				24	0.00	866	26	0.00	813
Codega de Larinho	W	4058	0.08	131	629	0.01	342	455	0.01	369
Codivarta	W	3	0.00	886	2	0.00	1167	1	0.00	1250
Colmar Precoce Noir	R							0	0.00	1426
Colobel	R	3	0.00	874	9	0.00	1007	8	0.00	1002

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Colombana Nera	R	126	0.00	528	38	0.00	784	16	0.00	886
Colombard	W	38632	0.79	26	32944	0.71	31	29996	0.67	30
Colomino	W	16	0.00	758	5	0.00	1096	2	0.00	1178
Coloraillo	R	614	0.01	350	374	0.01	412	109	0.00	574
Columna	W				24	0.00	870	26	0.00	818
Completer	W	2	0.00	899	3	0.00	1137	5	0.00	1078
Complexa	R	6	0.00	834	103	0.00	617	103	0.00	580
Concieira	R				52	0.00	742	53	0.00	685
Concord	R	11816	0.24	68	12238	0.27	61	10544	0.24	67
Concord Clone 30	R							196	0.00	489
Cora	R							570	0.01	336
Coracao de Galo	R				1	0.00	1257	1	0.00	1318
Corbina Vicentina	R				12	0.00	965	12	0.00	931
Cordenossa	R				5	0.00	1077	2	0.00	1211
Cornalin	R	93	0.00	568	256	0.01	481	147	0.00	522
Cornarea	R	22	0.00	731	13	0.00	953	8	0.00	997
Cornichon Blanc	W	4	0.00	859				1	0.00	1358
Cornifesto	R	259	0.01	458	499	0.01	377	509	0.01	352
Corot Noir	R				27	0.00	848	11	0.00	948
Cortese	W	3113	0.06	161	2953	0.06	152	2405	0.05	166
Corvina Veronese	R	4800	0.10	120	7496	0.16	91	6240	0.14	100
Corvinone	R	88	0.00	573	930	0.02	279	1140	0.03	244
Côt	R	26285	0.54	39	38158	0.83	25	52233	1.17	17
Couderc 13	W							474	0.01	363
Couderc Noir	R	614	0.01	351	3517	0.08	139	2136	0.05	174
Counoise	R	638	0.01	343	408	0.01	400	418	0.01	382
Courbu Blanc	W	47	0.00	649	43	0.00	770	32	0.00	769
Courbu Noir	R	2	0.00	915	1	0.00	1207	1	0.00	1254
Cove	W	56	0.00	633	6	0.00	1051	6	0.00	1039
Crâmpoie Selecționată	W				409	0.01	399	18	0.00	875
Crimposie	W				453	0.01	390	450	0.01	372
Crimson Cabernet	R				1	0.00	1218	1	0.00	1261
Crimson Seedless	R	1	0.00	927	8	0.00	1031	8	0.00	1006
Criolla Grande	R	24264	0.50	41	20745	0.45	42	15596	0.35	50
Criolla Mediana	R	1	0.00	920	3	0.00	1120	7	0.00	1017
Croatina	R	3116	0.06	160	5700	0.12	108	2695	0.06	157
Crouchen	W	2259	0.05	194	725	0.02	316	319	0.01	412
Crovassa	R	2	0.00	918	0	0.00	1325	0	0.00	1423
Cruciulita	W				0	0.00	1372	0	0.00	1510
Crystal	W	1	0.00	926	175	0.00	538	175	0.00	506
Csaba Gyöngye	W				89	0.00	638	175	0.00	505
Cserszegi Fűszeres	G	2185	0.04	200	3609	0.08	135	4299	0.10	128
Csillám	W				20	0.00	897	25	0.00	827
Csókaszőlő	R				2	0.00	1166	2	0.00	1232
Csomorika	W				0	0.00	1295	0	0.00	1367
Dakapo	R				51	0.00	747	68	0.00	649
Dalkauer	W	100	0.00	561						
Damaschino	W	3187	0.07	154	2171	0.05	178	1622	0.04	203
Danam	W				0	0.00	1322	0	0.00	1420
Danlas	W				255	0.01	482	203	0.00	482
Danuta	W				2	0.00	1171	2	0.00	1193
Dattier de St. Vallier	W				0	0.00	1298	0	0.00	1378
David Macgregor 8521-1	R							2	0.00	1214

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Prime variety	Col	2000			2010			2016		
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Dawn Seedless	W	19	0.00	740						
De Chaunac	R	186	0.00	487	91	0.00	636	102	0.00	581
De Cilindro	W	15	0.00	763				0	0.00	1540
Debina	W	455	0.01	393	239	0.01	495	14	0.00	917
Debit	W				403	0.01	404			
Deckrot	R	30	0.00	690	2	0.00	1172	12	0.00	934
Dedo de Dama	W				1	0.00	1259	1	0.00	1315
Dekabrskii	R				78	0.00	669	78	0.00	629
Delaware	G	234	0.00	470	227	0.00	503	421	0.01	380
Delhro	R				0	0.00	1334	0	0.00	1450
Deliciosa	R				0	0.00	1356	0	0.00	1477
Delisle	W							0	0.00	1484
Devin	W				133	0.00	582			
Diagvalves	W	1088	0.02	283	1156	0.03	254	1090	0.02	248
Diamond Muscat	W							2	0.00	1173
Dimrit	R	602	0.01	354	863	0.02	293	704	0.02	299
Dimyat	W	7740	0.16	88	2401	0.05	169	9696	0.22	74
Dindarella	R	9	0.00	814	7	0.00	1045	5	0.00	1070
Diolinoir	R	31	0.00	687	114	0.00	596	122	0.00	551
Dišeća Ranina	W				2	0.00	1188			
Divico	R							10	0.00	967
Divona	W							0	0.00	1458
Docal	R				0	0.00	1341	0	0.00	1451
Dodrelyabi	R							0	0.00	1389
Doina	R				227	0.00	502	227	0.01	463
Dolcetto	R	7197	0.15	96	6333	0.14	99	4545	0.10	123
Dolciame	W	6	0.00	835	11	0.00	988	6	0.00	1043
Domina	R	187	0.00	486	407	0.01	401	375	0.01	390
Dominga	W	0	0.00	981	1	0.00	1242			
Dona Branca	W	296	0.01	441	276	0.01	466	204	0.00	481
Dona Joaquina	W				24	0.00	873	11	0.00	949
Dona Zillá	R							1	0.00	1308
Donaris	W				1	0.00	1254	1	0.00	1287
Donzelinho Branco	W	59	0.00	628	65	0.00	701	64	0.00	657
Donzelinho Roxo	R				0	0.00	1353	0	0.00	1468
Donzelinho Tinto	R				33	0.00	811	34	0.00	760
Doral	W	3	0.00	876	27	0.00	846	35	0.00	747
Dorinto	W				115	0.00	595	70	0.00	643
Dornfelder	R	3766	0.08	139	8182	0.18	84	7871	0.18	89
Dostoinyi	R				65	0.00	702	65	0.00	654
Douce Noire	R	18323	0.37	47	19630	0.43	43	19733	0.44	40
Doukkali	R	16557	0.34	52	16557	0.36	50			
Doux d'Henry	R	26	0.00	704	9	0.00	1005	6	0.00	1038
Droujba	W	3	0.00	869	3	0.00	1135			
Drupeggio	W	617	0.01	349	286	0.01	460	81	0.00	622
DU 31120	R							0	0.00	1491
Duna Gyöngye	R				63	0.00	707	45	0.00	714
Dunaj	R				46	0.00	764			
Dunav	R							11	0.00	946
Dunavski Lazur	W				483	0.01	380	483	0.01	359
Dunkelfelder	R	280	0.01	448	356	0.01	422	291	0.01	429
Dunze	R	1	0.00	954						
Duras	R	972	0.02	297	892	0.02	288	785	0.02	282

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Durella	W	599	0.01	357	470	0.01	385	480	0.01	361
Durif	R	1197	0.02	269	3557	0.08	137	4807	0.11	116
Edelweiss	W				32	0.00	820	16	0.00	891
Ederena	R	0	0.00	964	1	0.00	1261	1	0.00	1313
Egiódola	R	315	0.01	433	349	0.01	426	285	0.01	434
Ehrenbreitsteiner	W	13	0.00	782	10	0.00	994	8	0.00	1001
Ehrenfelser	W	289	0.01	446	113	0.00	599	82	0.00	614
Einset Seedless	G							0	0.00	1403
Ekigaina	R	5	0.00	841	4	0.00	1118	3	0.00	1114
Ekim Kara	R	19	0.00	746	27	0.00	847			
Elbling	W	1208	0.02	268	935	0.02	277	972	0.02	258
Elbling (R)	W	4	0.00	855	9	0.00	1014	10	0.00	966
Elmer Swenson 10- 18- 30	W							0	0.00	1482
Elvira	W	344	0.01	423	263	0.01	478	231	0.01	458
Emerald Riesling	W	937	0.02	301	508	0.01	371	177	0.00	503
Emerald seedless	W	16	0.00	761						
Emir	W	480	0.01	387	688	0.01	326	89	0.00	603
Enantio	R	1062	0.02	287	724	0.02	317	178	0.00	502
Encruzado	W	291	0.01	445	282	0.01	462	132	0.00	536
Enfarine Noir	R				0	0.00	1376	0	0.00	1534
Ensanyo Tintas	R				27	0.00	844			
Ensayo Blancas	W				1	0.00	1251			
Eona	W							2	0.00	1215
Erbaluce	W	329	0.01	429	319	0.01	444	316	0.01	413
Erbamat	W				24	0.00	865	2	0.00	1235
Ervi	R	5	0.00	840	4	0.00	1100	3	0.00	1112
ES 10-18-14	W							0	0.00	1485
Esganacao Preto	R				0	0.00	1380	0	0.00	1538
Esganinho	W				0	0.00	1351	0	0.00	1500
Espadeiro	R	1682	0.03	221	469	0.01	386	357	0.01	394
Espadeiro Mole	R				0	0.00	1308	0	0.00	1388
Espirit	W							2	0.00	1204
Esther	R							0	0.00	1558
Estreito Macio	W				3	0.00	1146	1	0.00	1253
Etraire de l'Adui	R	8	0.00	826	5	0.00	1089	5	0.00	1086
Exalta	W				4	0.00	1116	3	0.00	1126
Excelsior	W							0	0.00	1416
Eyholzer Rote	R							0	0.00	1435
Ezerfürtű	W	405	0.01	404	406	0.01	402	295	0.01	426
Ezerjó	W	3157	0.06	159	1074	0.02	265	636	0.01	318
Faberrebe	W	1586	0.03	230	554	0.01	357	331	0.01	402
Falanghina	W	1658	0.03	222	3037	0.07	148	323	0.01	410
Falanghina Flegrea	W							3634	0.08	136
Favorit	W							3	0.00	1142
Fenile	W				5	0.00	1073	1	0.00	1316
Fepiro	R				0	0.00	1383	0	0.00	1552
Fer	R	1626	0.03	228	1854	0.04	193	1686	0.04	195
Fernão Pires	W	14545	0.30	57	9609	0.21	75	12211	0.27	62
Ferral	R	48	0.00	646	30	0.00	823	31	0.00	776
Fertilia	R	13	0.00	777	3	0.00	1124	2	0.00	1183
Fetească Albă	W	23828	0.49	42	17469	0.38	47	13382	0.30	56
Fetească Neagră	R	1214	0.02	266	1719	0.04	200	3248	0.07	142

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Fetească Regală	W	2578	0.05	180	13136	0.28	58	12991	0.29	57
Feunate	R	0	0.00	1000						
Fiano	W	758	0.02	323	1377	0.03	226	2187	0.05	171
Fiesta	W	161	0.00	508	230	0.00	499	230	0.01	459
Fino de Ribera del Fresno	W	332	0.01	428	45	0.00	767	8	0.00	1005
Fintendo	R	144	0.00	518	118	0.00	591	185	0.00	496
Fioletovy Ranny	R				50	0.00	750	50	0.00	695
Flame Seedless	R	548	0.01	371	55	0.00	726	55	0.00	671
Flavis	W	12	0.00	785	3	0.00	1130	3	0.00	1156
Fleurтай	W							0	0.00	1498
Flora	G	6	0.00	838	8	0.00	1030	12	0.00	938
Florental	R	1	0.00	956	26	0.00	854	11	0.00	943
Floricica	W							14	0.00	921
Fogarina	R				5	0.00	1078	3	0.00	1138
Foglia Tonda	R	40	0.00	663	101	0.00	620	68	0.00	648
Fogoneu	R	36	0.00	678	35	0.00	799	15	0.00	910
Fokiano	R	162	0.00	507	262	0.01	479	212	0.00	475
Fokiano (W)	R	57	0.00	630						
Folgasao	W	409	0.01	403	182	0.00	533	162	0.00	517
Folgasao Roxo	R				18	0.00	904	18	0.00	876
Folha de Figueira	W				3	0.00	1121	2	0.00	1221
Folignan	W				51	0.00	746	51	0.00	690
Folle Blanche	W	2648	0.05	178	1803	0.04	196	1574	0.04	207
Fontan	R	0	0.00	983						
Fontanara	W	2	0.00	904				1	0.00	1296
Fonte Cal	W	355	0.01	418	111	0.00	602	52	0.00	688
Forastera	W	543	0.01	373	208	0.00	514	8	0.00	991
Forcallat Tinta	R	2690	0.06	176	1163	0.03	253	535	0.01	345
Forgiarin	R	2	0.00	912	4	0.00	1106	3	0.00	1147
Forsellina	R	9	0.00	807	7	0.00	1037	7	0.00	1027
Fortana	R	1252	0.03	262	642	0.01	338	469	0.01	365
Francavidda	W	86	0.00	576	13	0.00	960	2	0.00	1229
Frâncușă	W				621	0.01	344	365	0.01	393
Frappato	R	784	0.02	318	752	0.02	310	580	0.01	333
Fredonia	R	86	0.00	575	37	0.00	791	28	0.00	794
Freisa	R	1450	0.03	240	1054	0.02	270	519	0.01	349
Freisamer	W	17	0.00	754	8	0.00	1022	6	0.00	1042
Frontenac	R				135	0.00	576	212	0.00	474
Frontenac (G)	R				59	0.00	720	92	0.00	594
Frontenac (W)	R							26	0.00	811
Frühröter Veltliner	R	632	0.01	347	856	0.02	298	388	0.01	388
Frumoasa Alba	W							8	0.00	993
Fubiano	W	2	0.00	891	9	0.00	1009	2	0.00	1168
Fuella Nera	R	4	0.00	857	20	0.00	894	20	0.00	861
Fumin	R	73	0.00	598	31	0.00	821	25	0.00	823
Furmint	W	3481	0.07	145	5276	0.11	109	4435	0.10	125
Gaglioppo	R	3592	0.07	143	4214	0.09	123	4626	0.10	122
Gaillard	R	0	0.00	994	0	0.00	1362	0	0.00	1533
Galbenă de Odobești	W	546	0.01	372	385	0.01	407	417	0.01	383
Galego Dourado	W	51	0.00	643	16	0.00	927	7	0.00	1013
Galotta	R				13	0.00	954	35	0.00	755
Gamaret	R	71	0.00	604	405	0.01	403	441	0.01	374
Gamay Noir	R	37798	0.77	27	31927	0.69	34	26221	0.58	34

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Gamay Teinturier de Bouze	R	318	0.01	432	278	0.01	464	255	0.01	447
Gamay Teinturier de Chaudenay	R	267	0.01	453	157	0.00	553	142	0.00	529
Gamay Teinturier Freaux	R	132	0.00	521	104	0.00	614	79	0.00	627
Gamba Rossa	R				1	0.00	1279	0	0.00	1366
Gänsfüsser	R				0	0.00	1374	0	0.00	1548
Ganson	R	28	0.00	695	3	0.00	1127	3	0.00	1127
Garandmak	W	931	0.02	302	931	0.02	278			
Garanoir	R	76	0.00	594	216	0.00	506	229	0.01	460
Garganega	W	16553	0.34	53	15397	0.33	52	8554	0.19	82
Gargiulo 14260	R	1	0.00	939	1	0.00	1236			
Gargiulo 2539	R	69	0.00	610	49	0.00	757	29	0.00	788
Gargiulo 26189	R	6	0.00	839						
Gargiulo 26879	W	4	0.00	852	3	0.00	1157			
Gargiulo 4113	R	7	0.00	827	6	0.00	1058	3	0.00	1157
Gargiulo 45803	W	4	0.00	860	8	0.00	1023	10	0.00	960
Garnacha Blanca	W	10821	0.22	74	7398	0.16	92	7409	0.17	91
Garnacha Peluda	R	2024	0.04	207	1206	0.03	245	898	0.02	268
Garnacha Roja (Gris)	G	2761	0.06	173	2366	0.05	173	1462	0.03	213
Garnacha Tinta	R	216349	4.43	4	181553	3.93	7	150096	3.35	8
Garonnet	R	7	0.00	832	14	0.00	945	10	0.00	974
Garrido Fino	W	174	0.00	495	59	0.00	719	54	0.00	682
Gascon	R	0	0.00	1003	1	0.00	1252	1	0.00	1301
Gateta	R	7	0.00	830	2	0.00	1176			
Gegić	W				11	0.00	979			
Geilweilerhof Ga- 48- 12	W							1	0.00	1283
Geisenheim 318-57	W				106	0.00	611	14	0.00	920
Generosa	W	9	0.00	808	107	0.00	609	328	0.01	404
Gesztus	W				0	0.00	1320	0	0.00	1414
Gewürztraminer	W	10670	0.22	75	14355	0.31	55	12823	0.29	58
Gibi	W	1227	0.03	264	1074	0.02	266	785	0.02	283
Ginestra	W				4	0.00	1112	1	0.00	1359
Giro Nero	R	537	0.01	376	200	0.00	520	144	0.00	526
GM 322	R				17	0.00	919			
Göcseji Zamatos	W				55	0.00	725	50	0.00	698
Godollo	W	1489	0.03	236	1332	0.03	231	1406	0.03	219
Goethe	R							20	0.00	859
Goldburger	W	309	0.01	434	140	0.00	570	98	0.00	586
Golden Muscat	W	1190	0.02	270	1191	0.03	248	50	0.00	694
Goldriesling	W	10	0.00	800	21	0.00	890	24	0.00	833
Goldtraminer	W				9	0.00	1012	5	0.00	1077
Golia	W				0	0.00	1361	0	0.00	1486
Golubok	R	50	0.00	644	87	0.00	641	37	0.00	743
Goncalo Pires	R				1	0.00	1270	1	0.00	1331
Gorgollasa	R							5	0.00	1064
Goruli Mtsvane	W	224	0.00	475	287	0.01	458	287	0.01	431
Gosen	R				1	0.00	1212	0	0.00	1493
Gouais Blanc	W	1	0.00	933				1	0.00	1270
Gouget Noir	R	1	0.00	948	10	0.00	998	3	0.00	1116
Goustolidi	W	112	0.00	544	68	0.00	693	19	0.00	866
Gouveio Preto	R				0	0.00	1315	0	0.00	1393
Gouveio Real	W				582	0.01	350	581	0.01	332

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
GR 7	R				32	0.00	818	13	0.00	924
Grachen	W	3	0.00	875	2	0.00	1164	0	0.00	1525
Graciano	R	1960	0.04	210	3123	0.07	145	2910	0.06	146
Graisse	W	22	0.00	725	14	0.00	949	1	0.00	1268
Gramon	R	14	0.00	776	3	0.00	1144	3	0.00	1149
Grand Manchen	W				8	0.00	1025			
Grand Noir	R	949	0.02	299	955	0.02	276	707	0.02	297
Grangeal	R				1	0.00	1225	1	0.00	1267
Granho	W				0	0.00	1323	0	0.00	1422
Grapariol	W				2	0.00	1168	2	0.00	1169
Grasă de Cotnari	W	850	0.02	313	685	0.01	327	632	0.01	320
Graševina	W	92306	1.89	13	61200	1.33	18	24384	0.54	35
Grassen	R	1	0.00	942	0	0.00	1366	0	0.00	1502
Grechetto di Orvieto	W	1177	0.02	273	1501	0.03	212	1824	0.04	185
Grechetto Rosso	R	111	0.00	545	49	0.00	756	35	0.00	752
Greco	W	1325	0.03	254	158	0.00	552	21	0.00	851
Greco Bianco	W	660	0.01	336	1604	0.03	206	2050	0.05	176
Greco Nero	R	3229	0.07	153	1256	0.03	238	437	0.01	376
Grignolino	R	1353	0.03	250	915	0.02	283	911	0.02	267
Grillo	W	1803	0.04	214	6295	0.14	100	7383	0.16	92
Grintet	W	74	0.00	597	25	0.00	856	15	0.00	898
Grolleau Noir	R	3006	0.06	163	2759	0.06	157	1949	0.04	179
Groppello di Mocasina	R	120	0.00	536	81	0.00	661	24	0.00	828
Groppello di Revo	R				12	0.00	967	12	0.00	937
Groppello Gentile	R	219	0.00	478	326	0.01	440	78	0.00	628
Gros Manseng	W	2160	0.04	202	2960	0.06	151	3069	0.07	144
Grossa	R				73	0.00	677	54	0.00	679
Grüner Veltliner	W	23604	0.48	43	18834	0.41	44	19118	0.43	42
Gualarido	W							18	0.00	871
Guardavalle	W	168	0.00	501	33	0.00	809	16	0.00	892
Guillemot	W	0	0.00	995						
Gutenborner	W				2	0.00	1181			
Guzun	W							3	0.00	1153
Gyöngyrizling	W				23	0.00	875	16	0.00	897
Haiduc	R				3	0.00	1143	3	0.00	1130
Hajnalka	W				0	0.00	1373	0	0.00	1521
Hamvas	W							0	0.00	1430
Hárslevelű	W	1296	0.03	257	1856	0.04	192	1618	0.04	204
Hasansky Sladky	R							1	0.00	1258
Hegel	R	10	0.00	803	9	0.00	1015	7	0.00	1014
Helfensteiner	R	26	0.00	706	19	0.00	902	14	0.00	918
Helios	W							6	0.00	1032
Herbemont	R	1453	0.03	239	764	0.02	309	112	0.00	567
Heroldrebe	R	199	0.00	484	134	0.00	580	112	0.00	568
Heuréka	W							0	0.00	1449
Hibernal	W							20	0.00	854
Himbertscha	W	0	0.00	986				0	0.00	1429
Himrod	W				0	0.00	1293	1	0.00	1360
Hölder	W	13	0.00	781	5	0.00	1081	2	0.00	1186
Hondarrabi Beltza	R	11	0.00	793	53	0.00	736	15	0.00	900
Hondarribi Zuri	W							624	0.01	322
Hrvatica	R	245	0.01	466	116	0.00	593	53	0.00	684
Humagne	W	9	0.00	811	30	0.00	825	29	0.00	790

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Huxelrebe	W	1289	0.03	259	630	0.01	340	466	0.01	368
Ignea	G				1	0.00	1267	1	0.00	1325
Ilichevskii Rannii	R	5	0.00	847	5	0.00	1082			
Imperial Napoleon	R				12	0.00	972	0	0.00	1526
Imperial Seedless	G	1	0.00	951	1	0.00	1243	1	0.00	1294
Impigno	W	60	0.00	625	7	0.00	1038	2	0.00	1213
Incrocio Bianco Fedit 51	W	11	0.00	790	5	0.00	1092	1	0.00	1314
Incrocio Bruni 54	W	12	0.00	784	12	0.00	966	3	0.00	1110
Incrocio Manzoni 2.15	R	166	0.00	506	86	0.00	648	72	0.00	639
Incrocio Terzi 1	R	65	0.00	618	44	0.00	769	12	0.00	933
Invernenga	W	32	0.00	686	7	0.00	1050	5	0.00	1075
Inzolia	W	9259	0.19	79	6133	0.13	103	4740	0.11	118
Iordan	W				315	0.01	446	311	0.01	415
IRAC 1933	R							0	0.00	1527
Irsai Olivér	W				1414	0.03	221	1790	0.04	188
Isa	W				9	0.00	1004	5	0.00	1084
Isabella	R	27450	0.56	37	32494	0.70	33	17813	0.40	47
Italia	W	1076	0.02	286	1463	0.03	216	5188	0.12	112
Italica	W	178	0.00	492	367	0.01	416	47	0.00	708
Ives	R	23	0.00	723	16	0.00	926			
Jacquere	W	1086	0.02	284	1014	0.02	272	621	0.01	323
Jacquez	R	226	0.00	474	2368	0.05	172	1443	0.03	216
Jádorvány	W							0	0.00	1402
Jampal	W	127	0.00	527	71	0.00	683	34	0.00	759
Jaoumet	W				0	0.00	1355	0	0.00	1472
Jardovany Fekete	R							0	0.00	1505
Jázmin	W							2	0.00	1198
Jeroma	R							0	0.00	1529
Joannes Seyve	R	3	0.00	887	1	0.00	1255	1	0.00	1309
Johanniter	W				86	0.00	646	111	0.00	569
Joubertin	R	2	0.00	916	1	0.00	1205			
Juan García	R	2077	0.04	205	1707	0.04	202	1545	0.03	209
Jubiläumsrebe	G	30	0.00	689	14	0.00	950	7	0.00	1026
Jubileum 75	R				194	0.00	525	91	0.00	595
Juhfark	W				186	0.00	530	195	0.00	490
Juliana	W				0	0.00	1327			
Jurançon Blanc	W	24	0.00	717	7	0.00	1040	2	0.00	1195
Jurançon Noir	R	1294	0.03	258	663	0.01	333	605	0.01	327
Jurie	W	0	0.00	1002						
Juwel	W	42	0.00	657	22	0.00	884	15	0.00	902
K.35	W				0	0.00	1337			
Kabar	W				18	0.00	909	30	0.00	782
Kadarka	R	2630	0.05	179	1181	0.03	251	1625	0.04	202
Kakotrygis	W				103	0.00	615	28	0.00	795
Kalecik Karası	R	601	0.01	355	861	0.02	297	704	0.02	298
Kalina	R							0	0.00	1382
Kangun	W	850	0.02	314	850	0.02	300			
Kanzler	W	53	0.00	640	33	0.00	813	28	0.00	796
Karalahna	R	3	0.00	883	4	0.00	1110	4	0.00	1097
Karasakiz	R	3	0.00	884	4	0.00	1109	4	0.00	1098
Karát	W				50	0.00	749	44	0.00	719
Kármin	R				36	0.00	794	24	0.00	837
Kat.E.Lin	R							0	0.00	1440

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Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Kay Gray	W				1	0.00	1217	2	0.00	1205
Kéknyelű	W				43	0.00	773	50	0.00	700
Kentville White 94-1	W						0	0.00	1415	
Kentville White 94-2	W						1	0.00	1342	
Kerner	W	7129	0.15	97	4093	0.09	127	2891	0.06	148
Khikhvi	W	5	0.00	844	6	0.00	1052	6	0.00	1028
Királyléányka	W				855	0.02	299	784	0.02	284
Kishmish Luchistyti	G						55	0.00	672	
Kishmish Moldavskii	R						28	0.00	799	
Kisi	W	20	0.00	737	26	0.00	853	26	0.00	816
Knipperlé	W	2	0.00	901	0	0.00	1352	0	0.00	1461
Kocsis Irma	W				11	0.00	984	2	0.00	1172
Kodrinskii	R	5	0.00	843	5	0.00	1084	229	0.01	462
Kodryanka	R						1143	0.03	243	
Kokur Bely	W	641	0.01	342	918	0.02	282			
Kolor	R				2	0.00	1173	7	0.00	1025
Königin der Weingärten	W	750	0.02	325	61	0.00	712	70	0.00	641
Korinthiaki	R	834	0.02	316	54	0.00	732	106	0.00	576
Korona	W				1	0.00	1284	1	0.00	1302
Koshu	G	118	0.00	539	168	0.00	543	690	0.02	302
Kosmopolita	G						1	0.00	1334	
Kotsifali	R	1148	0.02	277	2330	0.05	174	1338	0.03	222
Kövidinka	G	1214	0.02	265	1076	0.02	264	658	0.01	312
Kozma CS. 2	R				0	0.00	1364			
Kozmopoliten	W						0	0.00	1445	
Krakhuna	W	36	0.00	676	46	0.00	762	46	0.00	710
Kraljevina	W				447	0.01	392	199	0.00	484
Krasnostop Zolotovsky	R				562	0.01	355	562	0.01	340
Krassato	R	38	0.00	670	52	0.00	744	5	0.00	1087
Kreaca	W				29	0.00	831	30	0.00	780
Kuban	R						32	0.00	772	
Kujundžuša	W				206	0.00	515			
Kuldzhinskii	G	269	0.01	452	385	0.01	406	385	0.01	389
Kunbarát	W				9	0.00	1021	0	0.00	1379
Kunleány	W	1376	0.03	248	1211	0.03	244	974	0.02	257
Kuruczvér	R				0	0.00	1343	0	0.00	1478
KW 96-2	W						0	0.00	1439	
Kyoho (4N)	R	4003	0.08	132	4003	0.09	129	2762	0.06	152
L'Acadie Blanc	W						65	0.00	655	
La Crescent	W				77	0.00	672	94	0.00	588
La Crosse	W				25	0.00	857	26	0.00	814
Labrusco	R				81	0.00	660	79	0.00	626
Lacoste	R	1	0.00	937						
Lacrima Christi	R				85	0.00	649	226	0.01	465
Lacrima di Morro d'Alba	R	652	0.01	339	421	0.01	397	252	0.01	448
Lado	W	1	0.00	953	1	0.00	1241	2	0.00	1201
Lafnetscha	W	1	0.00	928			2	0.00	1234	
Lagarino Bianco	W				23	0.00	882	6	0.00	1053
Lagrein	R	471	0.01	389	718	0.02	319	251	0.01	450
Lairen	W	298	0.01	440	214	0.00	507	351	0.01	398
Lakhegyi Mézes	W	567	0.01	367	306	0.01	454	145	0.00	524
Lambrusca di Alessandria	R	888	0.02	307	137	0.00	573	58	0.00	667
Lambrusco	R	42	0.00	659	45	0.00	765	54	0.00	674

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Lambrusco Barghi	R				18	0.00	905	3	0.00	1154
Lambrusco di Sorbara	R	1409	0.03	244	1606	0.03	205	858	0.02	276
Lambrusco Grasparossa	R	1720	0.04	218	2734	0.06	159	954	0.02	261
Lambrusco Maestri	R	1513	0.03	233	2312	0.05	175	5657	0.13	104
Lambrusco Marani	R	2280	0.05	193	1394	0.03	224	1074	0.02	252
Lambrusco Montericco	R	262	0.01	455	70	0.00	686	25	0.00	821
Lambrusco Oliva	R				112	0.00	600	104	0.00	578
Lambrusco Salamino	R	4147	0.08	129	5003	0.11	111	6228	0.14	101
Lambrusco Viadanese	R	277	0.01	451	240	0.01	493	59	0.00	666
Lameiro	W				0	0.00	1305	0	0.00	1413
Landal	R	16	0.00	760	43	0.00	772	37	0.00	741
Landot Noir	R	0	0.00	976	3	0.00	1128	3	0.00	1128
Lariao	W				4	0.00	1114	5	0.00	1080
Lasina	R				14	0.00	944			
Laska	R	1	0.00	935				0	0.00	1513
Laurot	R				6	0.00	1062			
Lauzet	W	1	0.00	938	3	0.00	1152	3	0.00	1160
Leányka	W				838	0.02	303	719	0.02	295
Lecinaro	R				1	0.00	1274	0	0.00	1370
Leira	W				1	0.00	1281	0	0.00	1417
Len de l'El	W	734	0.02	328	629	0.01	341	603	0.01	328
Léon Millot	R	17	0.00	751	102	0.00	619	85	0.00	609
Leopoldo III	R	2	0.00	910						
Levokumskij	R				890	0.02	290	890	0.02	270
Liatiko	R	2476	0.05	184	1211	0.03	243	2633	0.06	159
Liatiko (W)	R	70	0.00	608						
Liliorila	W	3	0.00	885	4	0.00	1119	1	0.00	1257
Lilla	W							0	0.00	1559
Limnio	R	95	0.00	565	372	0.01	413	176	0.00	504
Limnio (W)	R	27	0.00	698						
Listain de Huelva	W	596	0.01	359	350	0.01	425	466	0.01	367
Listan Negro	R	3291	0.07	151	2666	0.06	162	2847	0.06	150
Listán Prieto	R	16589	0.34	51	4985	0.11	112	10267	0.23	70
Listrao Roxo	R	10	0.00	801						
Lival	R				101	0.00	621	99	0.00	585
Lomanto	R							3	0.00	1118
Longyan	R							1000	0.02	256
Lora	W							35	0.00	751
Lorena	W				519	0.01	366	500	0.01	356
Louise Swenson	W				3	0.00	1138	5	0.00	1063
Loureiro	W	4392	0.09	123	4054	0.09	128	4696	0.10	119
Lourela	R				0	0.00	1328	0	0.00	1431
Lucie Kuhlmann	R							21	0.00	850
Luisa Blanca	W							80	0.00	625
Lumassina	W	111	0.00	546	98	0.00	626	37	0.00	745
Lusitano	R				0	0.00	1354	0	0.00	1470
Luzidio	W				0	0.00	1321	0	0.00	1469
Lyana	W							41	0.00	723
Macabeo	W	48128	0.98	23	40864	1	22	38625	1	22
Maceratino	W	122	0.00	532	177	0.00	536	39	0.00	731
Madeleine × Angevine										
7672	W				52	0.00	745	48	0.00	705
Madeleine Royale	W				3	0.00	1125	3	0.00	1137

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Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Madeleines	W				7	0.00	1044	7	0.00	1024
Madrasa	R	20	0.00	739	28	0.00	840	28	0.00	797
Magaracha Rannii	R							884	0.02	272
Magliasina	R							0	0.00	1532
Magliocco Canino	R	579	0.01	364	539	0.01	360	679	0.02	308
Magliocco Dolce	R	243	0.00	467	87	0.00	644	51	0.00	689
Magna	R							30	0.00	779
Magyarfrankos	R				0	0.00	1302	0	0.00	1412
Maiolica	R	70	0.00	605	26	0.00	851	13	0.00	926
Maiolina	R				1	0.00	1201	0	0.00	1384
Maiskii Chernyi	R	77	0.00	591	110	0.00	605	110	0.00	572
Malaga Blanc	W	11	0.00	789	16	0.00	922	54	0.00	678
Malagousia	W	23	0.00	721	182	0.00	532	126	0.00	542
Malbo Gentile	R	106	0.00	552	211	0.00	510	219	0.00	469
Malegue	W	1	0.00	936						
Malingre Precoce	W	3	0.00	880	0	0.00	1294	0	0.00	1372
Maliverne	W	0	0.00	969						
Malvarisco	R				3	0.00	1129	3	0.00	1122
Malvasia	W	61	0.00	624	45	0.00	766	2184	0.05	172
Malvasia Bianca di Basilicata	W	875	0.02	310	210	0.00	511	32	0.00	774
Malvasia Bianca di Candia	W	12889	0.26	64	9351	0.20	76	9685	0.22	75
Malvasia Bianca Lunga	W	3937	0.08	135	2544	0.06	166	1247	0.03	229
Malvasia Branca de Sao Jorge	W	55	0.00	634	110	0.00	603	110	0.00	571
Malvasia del Lazio	W	2366	0.05	188	590	0.01	347	680	0.02	307
Malvasia di Candia Aromatica	W	1754	0.04	217	927	0.02	280	1208	0.03	233
Malvasia di Casorzo	R	98	0.00	563	107	0.00	607	99	0.00	584
Malvasia di Lipari	W	516	0.01	381	310	0.01	450	113	0.00	566
Malvasia di Sardegna Rosada	G				3	0.00	1141	3	0.00	1140
Malvasia di Schierano	R	181	0.00	490	89	0.00	639	82	0.00	617
Malvasia Fina	W	7102	0.15	98	3501	0.08	140	3282	0.07	138
Malvasia Fina Roxa	G				25	0.00	858	24	0.00	831
Malvasia Moscata	W				554	0.01	356			
Malvasia Nera di Basilicata	R	754	0.02	324	114	0.00	597	39	0.00	727
Malvasia Nera di Brindisi	R	3174	0.06	156	1314	0.03	233	1264	0.03	226
Malvasia Nera Lunga	R				38	0.00	783	14	0.00	919
Malvasia Parda	W				4	0.00	1099	4	0.00	1095
Malvasia Preta	R	2210	0.05	197	1903	0.04	191	1933	0.04	182
Malvasia Romana	W				0	0.00	1340	0	0.00	1467
Malvazija Istarska	W	7559	0.15	89	2740	0.06	158	2788	0.06	151
Malvia	W				0	0.00	1331	0	0.00	1434
Mamaia	R				0	0.00	1313	0	0.00	1387
Mammolo	R	777	0.02	320	841	0.02	301	911	0.02	266
Mandilaria	R	845	0.02	315	885	0.02	291	932	0.02	263
Mandon	R	261	0.01	456				1	0.00	1346
Manseng Noir	R	10	0.00	797	32	0.00	819	29	0.00	791
Manteudo Preto	R				16	0.00	921	11	0.00	953
Manto Negro	R	470	0.01	390	273	0.01	467	311	0.01	416
Manzoni Bianco	W	8290	0.17	83	382	0.01	408	339	0.01	401

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Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Manzoni Moscato	R				20	0.00	896	19	0.00	863
Manzoni Rosa	G				29	0.00	832	23	0.00	845
Mara	R							10	0.00	969
Maratheftiko	R				152	0.00	557			
Maréchal Foch	R	173	0.00	496	356	0.01	421	229	0.01	461
Marfal	W	35	0.00	679	2	0.00	1177	1	0.00	1269
Margot	R							2	0.00	1220
Mariensteiner	W	9	0.00	810				2	0.00	1189
Marmajuelo	W	37	0.00	672	24	0.00	867	20	0.00	857
Marquette	R				88	0.00	640	166	0.00	510
Marquinhas	W				11	0.00	983	5	0.00	1069
Marquis	W							1	0.00	1264
Mars	R				2	0.00	1182	2	0.00	1218
Marsanne	W	1512	0.03	234	1763	0.04	198	1838	0.04	184
Marselan	R	176	0.00	494	2731	0.06	160	3941	0.09	132
Marufo	R	6339	0.13	107	6579	0.14	95	4683	0.10	120
Marzemina Bianca	W	78	0.00	589	54	0.00	733	55	0.00	673
Marzemino	R	994	0.02	293	1091	0.02	262	785	0.02	281
Matica	W	354	0.01	419	311	0.01	449	257	0.01	444
Mátrai Muskotály	W				67	0.00	697	49	0.00	701
Maturana Blanca	W				18	0.00	912	13	0.00	925
Mauzac Blanc	W	3310	0.07	149	1933	0.04	189	1526	0.03	210
Mauzac Noir	R	10	0.00	804						
Mavro	R	10969	0.22	72	3575	0.08	136	3187	0.07	143
Mavro Messenikola	R	3	0.00	868						
Mavrodafni	R	537	0.01	377	345	0.01	432	324	0.01	409
Mavrouda	R	349	0.01	421	520	0.01	364	1658	0.04	199
Mavrud	R	647	0.01	341	1296	0.03	235	1193	0.03	237
Mayolet	R	4	0.00	858	7	0.00	1034	6	0.00	1047
Mazuelo	R	127692	2.61	9	75716	1.64	15	47312	1.06	21
Mazuelo (G)	R	25	0.00	713						
Mazuelo (W)	R	1035	0.02	289	3016	0.07	149	355	0.01	396
Mazzese	R	80	0.00	585	76	0.00	673	57	0.00	669
Mechta	R							19	0.00	865
Mecle de Bourgoin	R	2	0.00	897						
Medina	R				159	0.00	551	124	0.00	546
Melara	W	13	0.00	783	3	0.00	1147	1	0.00	1238
Melhorio	R				0	0.00	1367	0	0.00	1506
Melon	W	13253	0.27	61	12306	0.27	60	9551	0.21	76
Mencía	R	13138	0.27	62	10658	0.23	68	11052	0.25	66
Menoir	R				65	0.00	699	61	0.00	662
Menu Pineau	W	380	0.01	411	205	0.00	516	197	0.00	487
Mergeritar	W							0	0.00	1437
Merille	R	131	0.00	523	44	0.00	768	42	0.00	721
Merlese	R				14	0.00	943	8	0.00	1003
Merlot	R	213368	4.37	5	267888	5.80	2	266440	5.94	2
Merlot Blanc	W	176	0.00	493	46	0.00	761	44	0.00	717
Merlot Khorus	R							0	0.00	1446
Merseguera	W	7460	0.15	91	3946	0.09	130	2373	0.05	167
Merzling	W	5	0.00	842				1	0.00	1293
Meslier Saint-Francois	W	55	0.00	635	15	0.00	933	13	0.00	928
Meszi Kadarka	R							0	0.00	1365
Mézes Fehér	W				2	0.00	1163	1	0.00	1348

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Prime variety	Col	2000			2010			2016		
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Michele Palieri	R	24	0.00	714	1	0.00	1240	1	0.00	1332
Michurinets	R				0	0.00	1300	0	0.00	1377
Miguel del Arco	R	1267	0.03	260	468	0.01	387			
Milgranet	R	2	0.00	894	1	0.00	1208	1	0.00	1259
Milia	R				1	0.00	1210			
Millot-Foch	R							126	0.00	541
Mindelo	R				1	0.00	1287	1	0.00	1355
Minella Bianca	W	73	0.00	599	65	0.00	700	19	0.00	864
Minnesota Muscat	W							0	0.00	1398
Miorita	W				7	0.00	1041	8	0.00	1007
Mireille	W				0	0.00	1347	0	0.00	1462
Misket	W	3764	0.08	140						
Misket Cherven	G				4159	0.09	124	4349	0.10	127
Misket Varnenski	W				336	0.01	434			
Moldova	R							12375	0.28	61
Molette	W	30	0.00	691	29	0.00	834	18	0.00	878
Molinara	R	1637	0.03	226	717	0.02	320	609	0.01	326
Mollard	R	23	0.00	719	23	0.00	876	23	0.00	844
Monarch	R							10	0.00	970
Monastrell	R	76304	1.56	14	69742	1.51	16	51930	1.16	18
Monbadon	W	657	0.01	337	498	0.01	378			
Mondet	R				0	0.00	1314	0	0.00	1395
Mondeuse Blanche	W	22	0.00	727	6	0.00	1070	7	0.00	1022
Mondeuse Noire	R	1404	0.03	246	303	0.01	455	287	0.01	433
Monemvassia	W	418	0.01	402	481	0.01	381	81	0.00	619
Monerac	R	2	0.00	919	3	0.00	1131	3	0.00	1134
Monica Nera	R	2835	0.06	169	1404	0.03	222	1203	0.03	235
Monstruosa	W	2	0.00	893	1	0.00	1245			
Montepulciano	R	28728	0.59	36	34956	0.76	28	32935	0.73	28
Montils	W	131	0.00	522	164	0.00	546	165	0.00	511
Montonico Bianco	W	656	0.01	338	734	0.02	315	567	0.01	338
Montreal Blues	R							1	0.00	1343
Montu	W	1091	0.02	282						
Monvedro	R	14	0.00	774	6	0.00	1072	4	0.00	1102
Moore's Diamond	W	19	0.00	743	42	0.00	775	24	0.00	835
Moradella	R				6	0.00	1069	1	0.00	1248
Morava	W							34	0.00	758
Moravia Agraria	R	1092	0.02	281	550	0.01	359	222	0.00	468
Morenillo	R	39	0.00	668						
Morio-Muskat	W	1188	0.02	272	526	0.01	362	440	0.01	375
Moristel	R				147	0.00	561	247	0.01	451
Mornen Noir	R	1	0.00	944						
Morone	R	22	0.00	726	13	0.00	958	7	0.00	1009
Morrastel Bouschet	R	1	0.00	947				4	0.00	1106
Moscadet	W				4	0.00	1113	3	0.00	1129
Moscargo	R				0	0.00	1348	0	0.00	1463
Moscatel Lilaz	W				0	0.00	1385	0	0.00	1550
Moscatello Selvatico	W	105	0.00	553	35	0.00	800	5	0.00	1074
Moscato di Scanzo	R	73	0.00	600	53	0.00	738	10	0.00	975
Moscato di Terracina	W	229	0.00	473	138	0.00	572	22	0.00	847
Moscato Embrapa	W				862	0.02	295	683	0.02	306
Moscato Giallo	W	542	0.01	374	1467	0.03	215	1634	0.04	200
Moscato Nazareno	W				68	0.00	695	40	0.00	725

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Moscato Rosa del Trentino	R	93	0.00	569	81	0.00	659	39	0.00	733
Moschofilero	G	718	0.01	329	1111	0.02	257	1088	0.02	249
Moschomavro	R	2295	0.05	192	1428	0.03	219	113	0.00	565
Mostosa	W	95	0.00	566	24	0.00	872	16	0.00	895
Mourisco de Semente	R				60	0.00	714	61	0.00	660
Mourisco de Trevoes	R				2	0.00	1183	2	0.00	1192
Mourvaison	R	9	0.00	812	3	0.00	1148	3	0.00	1152
Mouyssagues	R	0	0.00	999	0	0.00	1363	0	0.00	1511
MRAC 1087	R							0	0.00	1452
MRAC 1099	R							0	0.00	1438
MRAC 1626	R							0	0.00	1543
MRAC 1817	R							0	0.00	1476
MRAC 40	R							0	0.00	1544
Mskhali	W	1093	0.02	280	1093	0.02	261			
Mtsvane Kakhuri	W	249	0.01	465	319	0.01	443	319	0.01	411
Müller-Thurgau	W	33587	0.69	30	22917	0.50	39	19501	0.43	41
Musann Blanc	W							5	0.00	1072
Muscadelle	W	2207	0.05	199	1637	0.04	204	1509	0.03	212
Muscardin	R	19	0.00	744	17	0.00	914	17	0.00	884
Muscaris	W							4	0.00	1092
Muscat	W							744	0.02	290
Muscat Bailey A	R	1372	0.03	249	1422	0.03	220	1821	0.04	186
Muscat Blanc à Petits Grains	W	29979	0.61	34	31259	0.68	35	33739	0.75	26
Muscat Blanc à Petits Grains (G)	W	10442	0.21	76	8761	0.19	82	8258	0.18	85
Muscat Blanc à Petits Grains (R)	W	1154	0.02	276	1459	0.03	218	1438	0.03	217
Muscat Bleu	R							3	0.00	1155
Muscat de Bugeac	R							2	0.00	1224
Muscat Fleur d'Oranger	W	36	0.00	675	91	0.00	637	299	0.01	421
Muscat of Alexandria	W	29590	0.61	35	27648	0.60	37	34805	0.78	25
Muscat of Alexandria (R)	W	11	0.00	794	6	0.00	1067	3	0.00	1150
Muscat of Hamburg	R	7068	0.14	99	8140	0.18	85	7680	0.17	90
Muscat Ottonel	W	12259	0.25	66	10340	0.22	70	12464	0.28	60
Muscat Swenson	W				24	0.00	861	37	0.00	746
Muscat Timpuriu de Bucuresti	W							15	0.00	908
Muscat Yantarnyi	W							683	0.02	304
Muscatin	W							0	0.00	1466
Muskat de Yaloven	W	20	0.00	735	32	0.00	815	16	0.00	894
Muskat Moravsky	W				514	0.01	368			
Muskat Zhemchuzhnyi	W							1	0.00	1239
Mustoasă de Măderat	W				255	0.01	483	282	0.01	435
Naia	W				0	0.00	1296	0	0.00	1411
Naparo	R	0	0.00	977	1	0.00	1250	0	0.00	1556
Narince	W	537	0.01	378	769	0.02	308	787	0.02	280
Nascetta	W				21	0.00	888	17	0.00	882
Nasco	W	166	0.00	505	141	0.00	568	91	0.00	596
Nebbiera	R	20	0.00	738	12	0.00	970	9	0.00	985
Nebbiolo	R	5264	0.11	118	6125	0.13	104	7997	0.18	87
Negoska	R	96	0.00	564	143	0.00	567	17	0.00	883

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Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Negramoll	R	3557	0.07	144	3195	0.07	143	3013	0.07	145
Négrette	R	1319	0.03	255	1202	0.03	246	1112	0.02	247
Negretto	R	280	0.01	449	75	0.00	674	35	0.00	749
Negroamaro	R	16619	0.34	50	11492	0.25	64	11449	0.26	65
Negru Aromat	R				1	0.00	1275	1	0.00	1338
Negru de Drăgăşani	R				16	0.00	929	18	0.00	874
Negru de Yaloven	R	15	0.00	766	15	0.00	936	141	0.00	530
Nehelescol	W	172	0.00	497	25	0.00	860	6	0.00	1041
Nektár	W				21	0.00	887	22	0.00	846
Ner d'Ala	R	8	0.00	823	30	0.00	826	10	0.00	965
Nerello Cappuccio	R	1501	0.03	235	508	0.01	372	125	0.00	543
Nerello Mascalese	R	4167	0.09	127	2883	0.06	154	1805	0.04	187
Neretta Cuneese	R	374	0.01	413	132	0.00	583	119	0.00	558
Neretto di Bairo	R	53	0.00	642	34	0.00	806	19	0.00	868
Nero Buono di Cori	R	114	0.00	542	135	0.00	577	58	0.00	668
Nero d'Avola	R	11323	0.23	69	16649	0.36	48	14281	0.32	53
Nero di Troia	R	1765	0.04	215	2572	0.06	165	2512	0.06	162
Neronet	R				72	0.00	680	6	0.00	1044
Neuburger	W	1434	0.03	241	1030	0.02	271	578	0.01	334
Nevoeira	R				0	0.00	1307	0	0.00	1383
New York Muscat	R				5	0.00	1087	12	0.00	930
New York Muscat and VG4111	R							2	0.00	1184
Neyret	R	76	0.00	593	41	0.00	776	12	0.00	929
Niagara	W	15343	0.31	54	4670	0.10	116	3264	0.07	141
Niagara Red	R							469	0.01	366
Nieddera	R	58	0.00	629	107	0.00	608	91	0.00	597
Nigra	R	7	0.00	828	3	0.00	1155	1	0.00	1276
Nincusa	R				17	0.00	920			
Noah	W	260	0.01	457	563	0.01	354	200	0.00	483
Nobling	W	102	0.00	559	1	0.00	1246	52	0.00	686
Nocera	R	27	0.00	700	15	0.00	938	5	0.00	1068
Noir Fleurien	R	0	0.00	991	0	0.00	1342	0	0.00	1507
Noiret	R				33	0.00	812	25	0.00	826
Noria	W				1	0.00	1209			
Norton	R	0	0.00	979	329	0.01	436	328	0.01	406
Nosiola	W	191	0.00	485	79	0.00	665	65	0.00	656
Nosztori Rizling	W				1	0.00	1276	0	0.00	1444
Notardomenico	R	13	0.00	780	10	0.00	1001	9	0.00	977
Noual	W	1	0.00	962						
Nouvelle	W	2	0.00	909	422	0.01	396	428	0.01	379
Novac	R				73	0.00	676	74	0.00	637
Nuragus	W	3186	0.07	155	1345	0.03	229	1008	0.02	255
Oberlin	R	0	0.00	990	64	0.00	705	26	0.00	819
Oberlin White	W	1	0.00	943						
Odessky Cherny	R	1694	0.03	219	2686	0.06	161	2508	0.06	163
Odola	R	1	0.00	925	0	0.00	1318	0	0.00	1405
Odysseus	W				4	0.00	1098	25	0.00	822
Oeillade Bousche	R	10	0.00	798	1	0.00	1272	1	0.00	1339
Oeillade Noire	R				18	0.00	907	18	0.00	877
Oftalmo	R				141	0.00	569			
Ohanes	W	0	0.00	966	16	0.00	925	15	0.00	904
Ojaleshi	R	25	0.00	709	32	0.00	816	32	0.00	773

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Okanagan Riesling	W							1	0.00	1361
Öküzgözü	R	1033	0.02	290	1479	0.03	214	1601	0.04	205
Olivette Blanche	W				2	0.00	1187	2	0.00	1206
Olivette de Laconnex	W						0	0.00	1555	
Olivette Noire	R	0	0.00	968	16	0.00	924	16	0.00	896
Ondenc	W	12	0.00	786	8	0.00	1027	1	0.00	1356
Onitskanskii Belyi	W	5	0.00	846	71	0.00	682	490	0.01	357
Ontario	W						0	0.00	1554	
Optima	W	239	0.00	469	65	0.00	704	38	0.00	738
Ora	W				38	0.00	786	32	0.00	770
Oraniensteiner	W				3	0.00	1151	2	0.00	1177
Original	R						5	0.00	1079	
Orion	W	8	0.00	821	13	0.00	956	1	0.00	1295
Orpheus	W				0	0.00	1316	2	0.00	1233
Orcicchio	W				1	0.00	1290	0	0.00	1537
Ortega	W	1054	0.02	288	667	0.01	332	532	0.01	346
Ortrugo	W	485	0.01	386	611	0.01	345	709	0.02	296
Osceola Muscat	W						7	0.00	1012	
Oseleta	R				15	0.00	940	16	0.00	889
Osennii Ciornai	R						8	0.00	996	
Osteiner	W	3	0.00	870	1	0.00	1237	1	0.00	1327
Otskhauri Sapere	R	5	0.00	845	6	0.00	1053	6	0.00	1029
Padeiro	R				86	0.00	647	88	0.00	604
Palas	R						7	0.00	1015	
Palatina	W				6	0.00	1065	3	0.00	1123
Palava	G				230	0.00	500			
Pallagrello Bianco	W				55	0.00	730	6	0.00	1052
Pallagrello Nero	R				169	0.00	541	107	0.00	575
Palomino Fino	W	30513	0.62	33	22693	0.49	40	23190	0.52	36
Palot	W	4	0.00	863						
Pamid	R	22718	0.46	44	9827	0.21	74	9961	0.22	71
Pampanaro	W				5	0.00	1095	1	0.00	1322
Pamanuto	W	277	0.01	450	356	0.01	423	33	0.00	768
Pamyati Negrulya	R						123	0.00	549	
Pannon Frankos	R				16	0.00	923	12	0.00	932
Panonia	W						10	0.00	962	
Panse Valenciano	W	649	0.01	340	1	0.00	1248			
Paolina	W				1	0.00	1206	0	0.00	1474
Papazkarası	R	122	0.00	531	175	0.00	537	204	0.00	480
Pardillo	W	7272	0.15	93	4364	0.09	122	3283	0.07	137
Parellada	W	11188	0.23	70	8847	0.19	81	7137	0.16	94
Parraleta	R	167	0.00	503	348	0.01	427	212	0.00	476
Parreira Matias	R				1	0.00	1269	1	0.00	1333
Pascal Blanc	W	0	0.00	987	0	0.00	1378	0	0.00	1531
Pascale	R	1573	0.03	231	375	0.01	411	289	0.01	430
Passau	R	12	0.00	787	5	0.00	1076	3	0.00	1111
Passerina	W	715	0.01	330	894	0.02	287	933	0.02	262
Patagonia	W	29	0.00	692	40	0.00	780			
Patorra	R				10	0.00	997	10	0.00	964
Pátria	W				3	0.00	1139	5	0.00	1081
Patrizia Rosa	G	10	0.00	795	153	0.00	556			
Pavana	R	69	0.00	611	32	0.00	817	20	0.00	860
Pe Comprido	W				1	0.00	1229	1	0.00	1351

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Pecorello	W	16	0.00	756	34	0.00	807	9	0.00	978
Pecorino	W	166	0.00	504	1228	0.03	241	1742	0.04	192
Pecsi Szagos	W				1	0.00	1230	1	0.00	1320
Pedral	R	179	0.00	491	151	0.00	558	80	0.00	623
Pedro Giménez	W	14862	0.30	56	13502	0.29	57	15576	0.35	51
Pedro Ximénez	W	17272	0.35	48	9235	0.20	78	8810	0.20	80
Pelaverga	R	28	0.00	697	55	0.00	728	46	0.00	712
Pelaverga Piccolo	R	24	0.00	716	6	0.00	1068	6	0.00	1049
Peloursin	R	0	0.00	963						
Pelso	W				1	0.00	1273	1	0.00	1337
Pepella	W				3	0.00	1140	0	0.00	1441
Perdea	W	13	0.00	778	2	0.00	1160	2	0.00	1191
Perera	W	25	0.00	711	4	0.00	1107	2	0.00	1199
Perigo	W				4	0.00	1105	4	0.00	1089
Perla dei Vivi	R				1	0.00	1266	1	0.00	1350
Perlaut	W				1	0.00	1226	1	0.00	1278
Perle	G	121	0.00	533	34	0.00	804	18	0.00	873
Perlette	W	14	0.00	771	1	0.00	1214	2	0.00	1174
Perlita	W	1	0.00	931	1	0.00	1249			
Perola	W	68	0.00	615						
Perricone	R	580	0.01	363	228	0.00	501	80	0.00	624
Perruno	W	2831	0.06	170	1509	0.03	211	745	0.02	289
Persan	R	3	0.00	872	12	0.00	971	12	0.00	939
Pervenets Magaracha	W	2837	0.06	168	2881	0.06	155	2755	0.06	153
Pervomaisky	R	64	0.00	619	64	0.00	706			
Petit Bouschet	R	1	0.00	959	15	0.00	931	120	0.00	554
Petit Courbu	W	75	0.00	596	102	0.00	618	1	0.00	1271
Petit Manseng	W	613	0.01	352	1109	0.02	258	1299	0.03	224
Petit Meslier	W	3	0.00	866	4	0.00	1104	3	0.00	1117
Petit Rouge	R	100	0.00	560	84	0.00	652	68	0.00	650
Petit Verdot	R	1640	0.03	225	7195	0.16	94	8124	0.18	86
Petite Amie	W							0	0.00	1516
Petite Milo	G							6	0.00	1050
Petite Pearl	R							11	0.00	957
Pexem	R				3	0.00	1122	3	0.00	1144
Phoenix	W	24	0.00	715	67	0.00	696	46	0.00	711
Picapoll Blanco	W	34	0.00	680	37	0.00	790	40	0.00	724
Picardan	W				1	0.00	1263	1	0.00	1323
Piccola Nera	G	17	0.00	750	17	0.00	916	6	0.00	1056
Picolit	W	93	0.00	570	128	0.00	588	121	0.00	553
Piculit Neri	R	126	0.00	529	22	0.00	885	8	0.00	994
Piedirosson	R	896	0.02	306	699	0.02	323	593	0.01	330
Pignola Valtellinese	R	70	0.00	607	49	0.00	758	28	0.00	798
Pignoletto	W	6009	0.12	110	1707	0.04	201	1174	0.03	240
Pignolo	R	18	0.00	748	93	0.00	633	50	0.00	693
Pineau d'Aunis	R	430	0.01	399	437	0.01	394	413	0.01	384
Pinella	W	66	0.00	617	72	0.00	681	128	0.00	539
Pinorico	R							0	0.00	1400
Pinot Blanc	W	16983	0.35	49	14812	0.32	54	13779	0.31	55
Pinot Gris	G	18893	0.39	46	43773	0.95	21	48570	1.08	20
Pinot Meunier	R	13131	0.27	63	13566	0.29	56	14695	0.33	52
Pinot Noir	R	68810	1.41	16	98623	2.14	12	105480	2.35	12
Pinot Noir Précoce	R	85	0.00	578	273	0.01	468	251	0.01	449

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Pinotage	R	6574	0.13	104	6404	0.14	98	7132	0.16	95
Pinotin	R							0	0.00	1456
Pionnier	R							1	0.00	1245
Piquepoul Blanc	W	975	0.02	296	1492	0.03	213	1565	0.03	208
Piquepoul Bousch	R	0	0.00	965						
Piquepoul Gris	G	9	0.00	806	2	0.00	1196	2	0.00	1231
Piquepoul Noir	R	103	0.00	556	70	0.00	688	69	0.00	647
Piroso	R							4	0.00	1093
Plant Droit	R	40	0.00	666	19	0.00	900	19	0.00	867
Planta Mula	R	1	0.00	932	24	0.00	868	11	0.00	958
Planta Nova	W	2029	0.04	206	1395	0.03	223	888	0.02	271
Plantet	R	209	0.00	481	1060	0.02	269	420	0.01	381
Plassa	R	41	0.00	661	91	0.00	635	86	0.00	608
Plavac Mali	R	6539	0.13	106	1569	0.03	209	1714	0.04	193
Plavaie	W				209	0.00	513	152	0.00	520
Plavec Žuti	W				13	0.00	957	82	0.00	615
Plavina	R				643	0.01	337	683	0.02	305
Podarok Magaracha	W	148	0.00	515	504	0.01	374	292	0.01	427
Podarok Zaporozju	W							31	0.00	777
Pollera Nera	R	19	0.00	741	54	0.00	731	32	0.00	771
Pölöskei Muskotály	W				103	0.00	616	207	0.00	479
Portan	R	368	0.01	415	264	0.01	477	256	0.01	445
Portland	W	9	0.00	813	12	0.00	963	39	0.00	729
Pošip Bijeli	W	6539	0.13	105	253	0.01	485			
Pougnet	R	0	0.00	973						
Poulsard	R	295	0.01	442	307	0.01	452	90	0.00	600
Poulsard Blanc	W	14	0.00	775	0	0.00	1379	0	0.00	1541
Pozsonyi Fehér	W				10	0.00	990	10	0.00	972
Praca	W				166	0.00	544	169	0.00	508
Prairie Star	W				21	0.00	889	23	0.00	839
Prensal	W	114	0.00	543	105	0.00	613	129	0.00	537
Preto Cardana	R				5	0.00	1091	5	0.00	1083
Preto Martinho	R	428	0.01	400	163	0.00	548	163	0.00	515
Prezentabil	W							215	0.00	472
Prie	W	36	0.00	677	33	0.00	810	24	0.00	836
Prieto Picudo	R	3256	0.07	152	4587	0.10	118	4293	0.10	129
Prima	R				84	0.00	653	81	0.00	621
Primavera	R				40	0.00	779	39	0.00	730
Primetta	G	17	0.00	749	24	0.00	874	14	0.00	911
Prinzipal	W							2	0.00	1188
Prior	R							14	0.00	916
Prodest	R	2	0.00	889						
Prokupac	R	15180	0.31	55	15180	0.33	53	1361	0.03	220
Promissao	W				6	0.00	1057	3	0.00	1121
Prosecco	W	7507	0.15	90	18437	0.40	45	20109	0.45	39
Prosecco Lungo	W				1367	0.03	227	1450	0.03	214
Provareau	R	2	0.00	908						
Prunelard	R	2	0.00	895	20	0.00	893	19	0.00	862
Prunesta	R	92	0.00	571	36	0.00	795	31	0.00	778
Pugnitello	R				28	0.00	836	15	0.00	906
Purcsin	R							0	0.00	1406
Putzscheere	W	0	0.00	1001						
Quagliano	R	8	0.00	816	9	0.00	1010	9	0.00	979

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Prime variety	Col	2000			2010			2016		
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Quebranta	R	230	0.00	472	345	0.01	430	330	0.01	403
Quiebratinajas Tinto	R	6	0.00	837	5	0.00	1083	9	0.00	984
Rabigato	W	1133	0.02	278	1273	0.03	237	1969	0.04	178
Rabigato Moreno	W				1	0.00	1256	1	0.00	1304
Rabo de Anho	R				99	0.00	623	86	0.00	607
Rabo de Lobo	R				3	0.00	1126	3	0.00	1124
Rabo de Ovelha	W	2330	0.05	189	908	0.02	285	563	0.01	339
Raboso Piave	R	1334	0.03	252	776	0.02	307	665	0.01	309
Raboso Veronese	R	307	0.01	435	277	0.01	465	295	0.01	425
Radisson	R							8	0.00	1004
Raffiat de Moncade	W	16	0.00	755	7	0.00	1048	6	0.00	1030
Raisaine	W	1	0.00	934						
Rambella	W				6	0.00	1059	6	0.00	1031
Ramisco	R	72	0.00	602	34	0.00	808	33	0.00	767
Ranfol	W				134	0.00	581			
Ranna Melnishka Loza	R				249	0.01	488			
Rathay	R				9	0.00	1019	32	0.00	775
Räuschling	W	23	0.00	720	23	0.00	881	23	0.00	840
Ravat	R	1	0.00	945	1	0.00	1268	1	0.00	1329
Ravat Blanc	W	2	0.00	898	7	0.00	1049	6	0.00	1040
Rayada Melonera	R				1	0.00	1220	1	0.00	1300
Rayon d'Or	W	1	0.00	946	6	0.00	1066	6	0.00	1051
Reberger	R							2	0.00	1187
Rebo	R	37	0.00	673	125	0.00	589	92	0.00	592
Recantina	R				9	0.00	1006	4	0.00	1100
Red Globe	R	2113	0.04	204	242	0.01	492	242	0.01	453
Red Millennium	R							2	0.00	1226
Refosco	R							1341	0.03	221
Refosco dal Peduncolo										
Rosso	R	711	0.01	331	1082	0.02	263	1272	0.03	225
Refosco di Faedis	R	256	0.01	461	217	0.00	505	185	0.00	495
Refrén	W				0	0.00	1303	0	0.00	1381
Regent	R	340	0.01	424	2187	0.05	177	1974	0.04	177
Regner	W	150	0.00	512	46	0.00	763	21	0.00	852
Reichensteiner	W	319	0.01	431	247	0.01	489	120	0.00	557
Reliance	R				4	0.00	1117	4	0.00	1103
Réselle	W							1	0.00	1279
Retagliado Bianco	W	26	0.00	707	28	0.00	837	11	0.00	951
Reze	W	1	0.00	949						
Ribol	R				147	0.00	562	141	0.00	531
Ribolla Gialla	W	1406	0.03	245	1178	0.03	252	959	0.02	260
Rieslaner	W	70	0.00	606	84	0.00	650	73	0.00	638
Rieslina	W	219	0.00	477	174	0.00	539	103	0.00	579
Riesling	W	43316	0.89	25	50014	1.08	20	59805	1.33	14
Riesling Forte	W							2	0.00	1162
Riesus	W				115	0.00	594	115	0.00	561
Rio Grande	W	4	0.00	861	1	0.00	1288	0	0.00	1363
Ripolo	W				1	0.00	1224	1	0.00	1273
Riton	W	2	0.00	906	257	0.01	480	568	0.01	337
Rkatsiteli	W	67354	1.38	17	58641	1.27	19	51374	1.15	19
Roal	R				1	0.00	1222	1	0.00	1317
Robola	W	359	0.01	417	471	0.01	384	152	0.00	519
Roditis	G	299	0.01	437	4668	0.10	117	8463	0.19	84

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		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Roditis (R)	G	6945	0.14	100	3826	0.08	131	828	0.02	277
Rojal Tinta	R	2845	0.06	166	1801	0.04	197	736	0.02	292
Rollo	W	117	0.00	540	51	0.00	748	15	0.00	901
Rome	R	2	0.00	914	297	0.01	456	172	0.00	507
Romeiko	R	382	0.01	410	1597	0.03	207	1131	0.03	245
Romorantin	W	81	0.00	583	72	0.00	679	69	0.00	646
Romulus	W							1	0.00	1285
Rondinella	R	2797	0.06	171	2480	0.05	168	2684	0.06	158
Rondo	R				40	0.00	777	51	0.00	692
Roobernet	R	78	0.00	590	139	0.00	571	269	0.01	441
Rosa Arica	R	1	0.00	952	1	0.00	1238	1	0.00	1291
Rosaki	W							2	0.00	1180
Rosciola	G				2	0.00	1162	1	0.00	1280
Rose Ciotat	W							2	0.00	1196
Rose du Var	G	129	0.00	525	56	0.00	723	54	0.00	675
Rosina	W				1	0.00	1228	1	0.00	1266
Rösler	R				160	0.00	550	217	0.00	471
Rossara Trentina	R	29	0.00	694	8	0.00	1028	6	0.00	1035
Rossese	R	232	0.00	471	312	0.01	447	164	0.00	514
Rossese Bianco	W				7	0.00	1033	5	0.00	1065
Rossignola	R	295	0.01	443	188	0.00	529	49	0.00	703
Rossola Nera	R	102	0.00	558	86	0.00	645	29	0.00	793
Rotberger	R	26	0.00	705	17	0.00	915	11	0.00	947
Roter Milan	R							0	0.00	1455
Roter Veltliner	G	258	0.01	459	199	0.00	521	198	0.00	486
Rotgipfler	W	118	0.00	537	105	0.00	612	123	0.00	548
Roublot	W	0	0.00	967						
Rouge de Fully	R							1	0.00	1341
Rouge du Pays	R							136	0.00	535
Rougeon	R	36	0.00	674	42	0.00	774	21	0.00	849
Roussanne	W	874	0.02	311	1851	0.04	194	2137	0.05	173
Roussette d'Ayze	W	3	0.00	879	1	0.00	1215	1	0.00	1319
Roussin	R	3	0.00	878	3	0.00	1132	2	0.00	1230
Roviello Bianco	W				2	0.00	1200	1	0.00	1326
Roxo de Vila Flor	R				0	0.00	1336	0	0.00	1447
Roxo Rei	G				0	0.00	1310	0	0.00	1390
Royal de Alloza	R				29	0.00	833	6	0.00	1055
Royalty	R	338	0.01	426	97	0.00	627	93	0.00	590
Roz de Minis	G				6	0.00	1055	7	0.00	1023
Rozala Bianca	W				2	0.00	1199	2	0.00	1182
Rózsakő	W				19	0.00	903	17	0.00	879
Rúbea	R				81	0.00	658	181	0.00	499
Rubienne	R							1	0.00	1312
Rubilande	G	3	0.00	881	8	0.00	1029	7	0.00	1021
Rubin Golodrigi	R				82	0.00	656	82	0.00	618
Rubin Tairovsky	R	2	0.00	902	2	0.00	1174	5	0.00	1062
Rubinet	R							15	0.00	903
Rubinovy Magaracha	R	0	0.00	993	0	0.00	1346	0	0.00	1460
Rubintos	R				18	0.00	908	13	0.00	923
Rubired	R	4153	0.08	128	4556	0.10	120	4916	0.11	115
Ruby	R	6	0.00	833	9	0.00	1008	9	0.00	976
Ruby Cabernet	R	7420	0.15	92	5729	0.12	106	5309	0.12	110
Ruby Seedless	R	25	0.00	712						

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Ruche	R	46	0.00	651	100	0.00	622	100	0.00	583
Rufete	R	3397	0.07	146	4833	0.10	113	1859	0.04	183
Ruggine	W				1	0.00	1204	1	0.00	1310
Ryugan	W							27	0.00	803
Sabrevois	R				10	0.00	996	25	0.00	820
Sacy	W	63	0.00	620	10	0.00	999	8	0.00	992
Sagrantino	R	351	0.01	420	995	0.02	273	1026	0.02	254
Saint Jeannet	W	68	0.00	613	56	0.00	724	43	0.00	720
Saint Macaire	R	1	0.00	960				6	0.00	1048
Saint-Cliche	W							0	0.00	1483
Saint-Pierre Dore	W	1	0.00	961	0	0.00	1304	0	0.00	1428
Salvador	R	572	0.01	365	394	0.01	405	351	0.01	399
Samarrinho	W				1	0.00	1216	1	0.00	1311
San Giuseppe Nero	R	348	0.01	422	192	0.00	526	82	0.00	616
San Lunardo	W	22	0.00	728	10	0.00	1002	4	0.00	1107
San Martino	R	44	0.00	653	21	0.00	891	6	0.00	1036
San Michele	R	120	0.00	534	57	0.00	722	37	0.00	744
Sanforте	R				1	0.00	1289	0	0.00	1473
Sangiovese	R	68877	1.41	15	78030	1.69	14	73464	1.64	13
Sankt Laurent	R	2555	0.05	181	3664	0.08	133	3272	0.07	140
Santa Maria	W	15	0.00	768	3	0.00	1142	2	0.00	1219
Santarena	R				739	0.02	313	724	0.02	294
Santoal	W				9	0.00	1011	4	0.00	1090
Sao Mamede	W				1	0.00	1278	1	0.00	1357
Saperavi	R	6707	0.14	102	8126	0.18	86	6478	0.14	99
Saperavi Severny	R	25	0.00	710	350	0.01	424	325	0.01	408
Saphira	W							8	0.00	990
Şarbă	W				265	0.01	475	266	0.01	442
Sárfehér	W							2	0.00	1202
Satin Noir	R							0	0.00	1514
Sauvignac	W							2	0.00	1179
Sauvignon Blanc	W	65190	1.33	18	111552	2.42	9	124700	2.78	10
Sauvignon Blanc (G)	W	76	0.00	595	698	0.02	324	1076	0.02	250
Sauvignonasse	W	5452	0.11	116	4563	0.10	119	3861	0.09	133
Savagnin Blanc	W	441	0.01	395	1950	0.04	187	2267	0.05	169
Savagnin Rose	G	883	0.02	309	884	0.02	292	48	0.00	707
Savatiano	W	12747	0.26	65	9920	0.21	73	10268	0.23	69
Scheurebe	W	3655	0.07	142	2039	0.04	184	1626	0.04	201
Schiava	R	1231	0.03	263	517	0.01	367	236	0.01	457
Schiava Gentile	R	1158	0.02	274	694	0.02	325	165	0.00	513
Schiava Grigia	R	79	0.00	588	66	0.00	698	4	0.00	1104
Schiava Grossa	R	3789	0.08	138	3011	0.07	150	2256	0.05	170
Schiava Lombarda	R				0	0.00	1360	701	0.02	300
Schioppettino	R	93	0.00	567	154	0.00	555	87	0.00	606
Schönburger	G	39	0.00	667	68	0.00	692	35	0.00	748
Sciaglin	W	4	0.00	862	6	0.00	1054	3	0.00	1113
Sciascinoso	R	253	0.01	462	94	0.00	632	59	0.00	664
Scimiscia	W				5	0.00	1075	2	0.00	1225
Scuppernong	W							27	0.00	805
Seara Nova	W	1213	0.02	267	681	0.01	330	471	0.01	364
Segalin	R	54	0.00	638	65	0.00	703	61	0.00	661
Seibel	R	1991	0.04	208	592	0.01	346	482	0.01	360
Seibel White	W	15	0.00	767	0	0.00	1359	0	0.00	1503

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Seinoir	R	15	0.00	769	87	0.00	642	50	0.00	699
Select	W	8	0.00	825	7	0.00	1036	7	0.00	1010
Semebat	R	2	0.00	892	2	0.00	1193	1	0.00	1241
Semidano	W	48	0.00	647	36	0.00	792	34	0.00	762
Sémillon	W	26239	0.54	40	22157	0.48	41	18693	0.42	44
Sennen	R				10	0.00	993	2	0.00	1171
Septimer	G							1	0.00	1298
Sercial	W	306	0.01	436	106	0.00	610	85	0.00	610
Sercialinho	W				9	0.00	1020	4	0.00	1099
Serna	G	19	0.00	745	36	0.00	796			
Servanin	R	0	0.00	978						
Servant	W	530	0.01	379	183	0.00	531	138	0.00	534
Sevilhao	R				14	0.00	947	14	0.00	915
Seyval Blanc	W	389	0.01	408	569	0.01	353	2699	0.06	155
Seyval Noir	R							76	0.00	635
Seyve Villard 23-512	R				29	0.00	835			
Sgavetta	R	61	0.00	623	47	0.00	760	26	0.00	812
Shalistin	W							0	0.00	1557
Sheridan	R	500	0.01	384	500	0.01	376	500	0.01	355
Shiroka Melnishka	R	3804	0.08	137	1580	0.03	208	1205	0.03	234
Sicilien	W				5	0.00	1090	5	0.00	1082
Siegerrebe	G	167	0.00	502	131	0.00	584	102	0.00	582
Siegfriedrebe	W							2	0.00	1210
Silcher	W	7	0.00	829				1	0.00	1290
Silvaner	W	11047	0.23	71	7395	0.16	93	6072	0.14	102
Silvaner (R)	W	2	0.00	905	38	0.00	785	25	0.00	825
Siramé	R							0	0.00	1394
Síria	W	2791	0.06	172	7898	0.17	89	7037	0.16	96
Sirio	W	23	0.00	722	14	0.00	948	5	0.00	1061
Sirius	W	2	0.00	907						
Škrlet	W				61	0.00	711			
Slankamenka	W				53	0.00	737	23	0.00	841
Solaris	W				81	0.00	662	118	0.00	559
Somerset Seedless	G							1	0.00	1246
Somszoekoe Kék	R							0	0.00	1520
Soperga	R	32	0.00	685	22	0.00	883	17	0.00	885
Soreli	W							0	0.00	1499
Souvignier Gris	G							3	0.00	1135
Sovereign Coronation	R							1	0.00	1307
Sovereign Opal	W				3	0.00	1145	3	0.00	1133
Spergola	W				110	0.00	604	115	0.00	562
Sremska Zelenika	W				0	0.00	1306	0	0.00	1488
St Croix	R				25	0.00	859	45	0.00	716
St Pepin	W				19	0.00	898	37	0.00	742
St Vincent	R				23	0.00	879	20	0.00	856
Stanušina Crna	R							400	0.01	387
Staufer	W	4	0.00	856						
Stavroto	R	104	0.00	555	11	0.00	981	0	0.00	1433
Stepnyak	W				144	0.00	564	144	0.00	527
Steuben	R				39	0.00	782	35	0.00	754
Storgozia	R				295	0.01	457			
Sugrafive	W	118	0.00	538	2	0.00	1178	0	0.00	1536
Sukholimansky Bely	W	1631	0.03	227	2156	0.05	180	405	0.01	386

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Sulima	W				0	0.00	1369	0	0.00	1530
Sultaniye	W	12122	0.25	67	3413	0.07	142	5325	0.12	109
Summerland	R							0	0.00	1481
Sumoll	R	1401	0.03	247	83	0.00	655	16	0.00	893
Sun Muscat	R							23	0.00	838
Superior Seedless	W	6	0.00	836	9	0.00	1016	9	0.00	980
Suscan	R				5	0.00	1074			
Susumaniello	R	62	0.00	621	50	0.00	752	8	0.00	1000
Swenson Red	R				11	0.00	977	10	0.00	971
Swenson White	W							2	0.00	1165
Symphony	W	184	0.00	489	324	0.01	441	647	0.01	315
Syrah	R	102490	2.10	10	185117	4.01	6	181185	4.04	7
Táltos	W				1	0.00	1234	1	0.00	1353
Tamarez	W	585	0.01	360	343	0.01	433	298	0.01	423
Tamarugal	W							1	0.00	1328
Taminga	W	46	0.00	652				2	0.00	1212
Tannat	R	5595	0.11	115	5765	0.12	105	5611	0.13	105
Tardia de Caxias	G							0	0.00	1386
Tarrango	R	120	0.00	535	72	0.00	678	16	0.00	888
Tauberschwarz	R	8	0.00	822	11	0.00	980	16	0.00	890
Taurus	W							0	0.00	1408
Tavkveri	R	29	0.00	693	37	0.00	788	37	0.00	740
Taylor	W	0	0.00	989						
Tazzelenghe	R	68	0.00	614	55	0.00	727	45	0.00	713
Tedi's Best	R							0	0.00	1497
Teinturier	R	1	0.00	921	7	0.00	1032	9	0.00	981
Tempranillo	R	93370	1.91	12	232988	5.05	4	219379	4.89	3
Tempranillo (W)	R				5	0.00	1086	110	0.00	570
Teoulier Noir	R	1	0.00	955	0	0.00	1371	0	0.00	1517
Termarina Rossa	G				20	0.00	895	2	0.00	1167
Teroldego	R	682	0.01	334	839	0.02	302	772	0.02	288
Terrano	R	1461	0.03	237	1914	0.04	190	209	0.00	478
Terrantez	W	27	0.00	701	12	0.00	969	11	0.00	950
Terrantez do Pico	W				0	0.00	1311	0	0.00	1410
Terras 20	R	13	0.00	779	0	0.00	1349	0	0.00	1464
Terret	W	2703	0.06	175	1390	0.03	225	872	0.02	274
Terret Gris	W	262	0.01	454	78	0.00	668	76	0.00	634
Terret Noir	R	370	0.01	414	143	0.00	566	139	0.00	532
Therona	W	185	0.00	488	99	0.00	624	67	0.00	651
Thrapsathiri	W				31	0.00	822	27	0.00	807
Tibouren	R	457	0.01	392	443	0.01	393	432	0.01	378
Tihanyi Kék	R							0	0.00	1518
Tilki Kuyrugu	W	172	0.00	498	246	0.01	490			
Timorasso	W	19	0.00	747	129	0.00	585	123	0.00	550
Timpurui de Cluj	W				1	0.00	1253	1	0.00	1282
Tinta Aguiar	R				75	0.00	675	77	0.00	632
Tinta Aurelio	R				0	0.00	1386	0	0.00	1553
Tinta Barroca	R	6052	0.12	109	6172	0.13	101	4926	0.11	114
Tinta Bragao	R				63	0.00	708	64	0.00	658
Tinta Carvalha	R	1920	0.04	211	1311	0.03	234	1113	0.02	246
Tinta Castañal	R							3	0.00	1125
Tinta da Barca	R				345	0.01	431	352	0.01	397
Tinta da Melra	R				1	0.00	1282	1	0.00	1347

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Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Tinta de Alcoa	R			24	0.00	869	24	0.00	829	
Tinta de Cidelhe	R			1	0.00	1271	1	0.00	1330	
Tinta de Pegoes	R			195	0.00	524	191	0.00	493	
Tinta do Rodo	R			3	0.00	1123	3	0.00	1115	
Tinta Engomada	R			4	0.00	1108	4	0.00	1105	
Tinta Francisca	R			53	0.00	739	55	0.00	670	
Tinta Malandra	R			0	0.00	1384	0	0.00	1551	
Tinta Martins	R			11	0.00	985	10	0.00	959	
Tinta Mesquita	R			1	0.00	1221	1	0.00	1265	
Tinta Penajoia	R			53	0.00	740	53	0.00	683	
Tinta Pereira	R			1	0.00	1231	1	0.00	1286	
Tinta Pomar	R			30	0.00	830	30	0.00	784	
Tinta Roseira	R			4	0.00	1115	4	0.00	1108	
Tinta Valdosa	R			1	0.00	1286	1	0.00	1354	
Tinta Varejoa	R			1	0.00	1232	1	0.00	1281	
Tintem	R			9	0.00	1013	9	0.00	982	
Tintilia del Molise	R			111	0.00	601	66	0.00	653	
Tinto Cão	R	556	0.01	370	369	0.01	414	372	0.01	391
Tinto de Zafra	R	4	0.00	853	2	0.00	1180			
Tinto Jeroma	R	1	0.00	924						
Tinto Velasco	R	7998	0.16	87	7829	0.17	90	5369	0.12	108
Torbato	W	168	0.00	500	52	0.00	743	46	0.00	709
Torrontes Mendocino	W	780	0.02	319	661	0.01	334	653	0.01	313
Torrontés Riojano	W	8197	0.17	86	8937	0.19	79	8859	0.20	79
Torrontés Sanjuanino	W	3170	0.06	157	2531	0.05	167	3656	0.08	134
Tortosi	W	930	0.02	303	503	0.01	375	325	0.01	407
Touriga Femea	R				15	0.00	939	15	0.00	905
Touriga Franca	R	6674	0.14	103	11590	0.25	63	14224	0.32	54
Touriga Nacional	R	4263	0.09	126	10446	0.23	69	11722	0.26	63
Trajadura	W	2416	0.05	186	2169	0.05	179	2492	0.06	164
Traminette	W	5	0.00	849	240	0.01	494	239	0.01	455
Trbljan	W				231	0.01	498			
Trebbianina	W				128	0.00	587	30	0.00	785
Trebbiano d'Abruzzo	W	8435	0.17	82	5091	0.11	110	2630	0.06	160
Trebbiano Giallo	W	3984	0.08	133	10664	0.23	67	2275	0.05	168
Trebbiano Modenese	W	583	0.01	361	363	0.01	417	287	0.01	432
Trebbiano Romagnolo	W	19492	0.40	45	15893	0.34	51	19059	0.43	43
Trebbiano Spoletino	W	242	0.00	468	200	0.00	519	121	0.00	552
Trebbiano Toscano	W	137201	2.81	8	111290	2.41	10	120343	2.68	11
Trepat	R	1763	0.04	216	1358	0.03	228	1199	0.03	236
Tressot	R	0	0.00	982	0	0.00	1312	0	0.00	1392
Trevisana Nera	R	33	0.00	684	15	0.00	930	11	0.00	942
Tribidrag	R	26922	0.55	38	32755	0.71	32	33649	0.75	27
Trilla	W				1	0.00	1227	1	0.00	1275
Trincadeira	R	7265	0.15	95	9270	0.20	77	10510	0.23	68
Trincadeira das Pratas	W	216	0.00	480	239	0.01	496	124	0.00	545
Trincadeiro Branco	W				59	0.00	717	49	0.00	704
Triomphe	R				15	0.00	935	3	0.00	1148
Triplett Blanc	W				244	0.01	491	412	0.01	385
Triunfo	R				2	0.00	1184	2	0.00	1194
Trnjak	R				15	0.00	932			
Trobart	R	83	0.00	582	1	0.00	1239	3	0.00	1131
Tronto	R				2	0.00	1194	1	0.00	1284

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Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Trousseau	R	2223	0.05	196	3450	0.07	141	1263	0.03	227
Tsimlyansky Cherny	R				451	0.01	391	451	0.01	371
Tsitska	W	2839	0.06	167	3642	0.08	134	3642	0.08	135
Tsolikouri	W	6161	0.13	108	7903	0.17	88	7903	0.18	88
Tsulukidzis Tetra	W	152	0.00	510	195	0.00	523	195	0.00	491
Tsvetochny	W				169	0.00	542	169	0.00	509
Turán	R				177	0.00	535	183	0.00	498
Turchetta	R				3	0.00	1134	2	0.00	1163
Tyrian	R							38	0.00	736
Ucelut	W	10	0.00	796	10	0.00	1000	10	0.00	973
UD 31103	R							0	0.00	1490
Unirea	W				1	0.00	1285	1	0.00	1345
Úrréti	W				0	0.00	1357	0	0.00	1397
Usakhelouri	R	8	0.00	819	10	0.00	991	10	0.00	961
Uva Cao	W	33	0.00	683	1	0.00	1262	0	0.00	1385
Uva del Fantini	R				0	0.00	1350	0	0.00	1549
Uva del Tunde	R				2	0.00	1198	2	0.00	1228
Uva Longanesi	R				512	0.01	369	539	0.01	343
Uva Rara	R	570	0.01	366	460	0.01	389	197	0.00	488
Uva Tosca	R	84	0.00	580	71	0.00	684	29	0.00	789
Uvalino	R				1	0.00	1211	1	0.00	1249
Valais Noir	R	4	0.00	854						
Valbom	R				166	0.00	545	162	0.00	516
Valdiguié	R	79	0.00	587	272	0.01	469	126	0.00	540
Valenci Tinto	R	5	0.00	850	27	0.00	845	26	0.00	810
Valentino Nero	R	56	0.00	632	21	0.00	892	20	0.00	855
Valerien	W	2	0.00	900	24	0.00	862	23	0.00	842
Valiant	R				11	0.00	982	11	0.00	952
Valveirinha	W				0	0.00	1319	0	0.00	1399
Valvin Muscat	W				6	0.00	1060			
Vandal-Cliche	W							14	0.00	913
Varousset	R	12	0.00	788	5	0.00	1093	5	0.00	1085
Vasilaki	W	3	0.00	882	4	0.00	1111	4	0.00	1096
VB 32-7	W							3	0.00	1120
VB 91-26-25	R							1	0.00	1321
VB 91-26-26	R							0	0.00	1396
VB 91-26-27	R							0	0.00	1421
VB Cal 1-14	R							0	0.00	1512
VB Cal 1-29	R							0	0.00	1546
VB Cal 1-33	R							0	0.00	1547
VB Cal 6-04 N5	R							0	0.00	1380
VB Jura 25	R							0	0.00	1515
Vega	W	27	0.00	699	35	0.00	801	27	0.00	806
Ventura	W	39	0.00	669	24	0.00	864	10	0.00	963
Vénus	R				1	0.00	1223	0	0.00	1425
Verdea	W	107	0.00	550	83	0.00	654	39	0.00	732
Verdeca	W	2208	0.05	198	796	0.02	306	913	0.02	265
Verdejo	W	4453	0.09	121	16578	0.36	49	17931	0.40	45
Verdelet	W				1	0.00	1280	40	0.00	726
Verdelho	W	1643	0.03	224	2009	0.04	185	1516	0.03	211
Verdelho l'Anjou	W				0	0.00	1345	0	0.00	1465
Verdelho Tinto	R	1	0.00	957	28	0.00	839	29	0.00	792
Verdello	W	662	0.01	335	287	0.01	459	179	0.00	501

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Verdesse	W	8	0.00	818	10	0.00	995	3	0.00	1136
Verdial	W				1	0.00	1291	0	0.00	1427
Verdial Tinto	R				3	0.00	1153	3	0.00	1159
Verdicchio Bianco	W	5043	0.10	119	3532	0.08	138	4682	0.10	121
Verdil	W	131	0.00	524	57	0.00	721	50	0.00	696
Verdiso	W	71	0.00	603	68	0.00	694	52	0.00	687
Verdoncho	W	3092	0.06	162	2124	0.05	181			
Verduschia	W	15	0.00	770	11	0.00	975	9	0.00	986
Verduzzo Friulano	W	1598	0.03	229	812	0.02	304	690	0.02	303
Verduzzo Trevigiano	W	1657	0.03	223	708	0.02	322	531	0.01	347
Vermentino	W	5838	0.12	113	8874	0.19	80	11483	0.26	64
Vermentino Nero	R	143	0.00	519	210	0.00	512	124	0.00	544
Vernaccia di Oristano	W	565	0.01	369	272	0.01	470	246	0.01	452
Vernaccia di San Gimignano	W	854	0.02	312	522	0.01	363	884	0.02	273
Vertes Csillaga	W				21	0.00	886	11	0.00	941
Vertzami	R	491	0.01	385	335	0.01	435	60	0.00	663
Veruccese	R				0	0.00	1309	0	0.00	1436
Vespaiola	W	105	0.00	554	94	0.00	630	90	0.00	598
Vespolina	R	103	0.00	557	134	0.00	579	88	0.00	605
Victoria	W	145	0.00	517	52	0.00	741	620	0.01	324
Vidadillo	R							38	0.00	737
Vidal	W	611	0.01	353	1644	0.04	203	1936	0.04	181
Vidal Noir	R	0	0.00	970						
Vidvizhenets	W				271	0.01	471	271	0.01	439
Vien de Nus	R	25	0.00	708	13	0.00	961	9	0.00	983
Vignoles	W	68	0.00	612	254	0.01	484	241	0.01	454
Vijariego	W	510	0.01	382	285	0.01	461	369	0.01	392
Viktor	W				0	0.00	1339			
Viktória Gyöngye	W				190	0.00	527	198	0.00	485
Vilana	W	506	0.01	383	579	0.01	352	650	0.01	314
Vilana (R)	W	60	0.00	626						
Villard Blanc	W	746	0.02	326	654	0.01	335	743	0.02	291
Villard Noir	R	601	0.01	356	1273	0.03	236	777	0.02	287
Vincent	R				11	0.00	976	8	0.00	998
Vineland 53035	W							4	0.00	1101
Vineti	W	0	0.00	971						
Vinhao	R	5937	0.12	112	3160	0.07	144	4468	0.10	124
Viognier	W	3160	0.06	158	11785	0.26	62	16063	0.36	49
Violeta	R				98	0.00	625	636	0.01	317
Viorika	W	40	0.00	664	347	0.01	428	558	0.01	341
Viosinho	W	17	0.00	753	225	0.00	504	916	0.02	264
Vital	W	2246	0.05	195	1182	0.03	250	659	0.01	311
Vitovska	W	42	0.00	658	50	0.00	751	51	0.00	691
Vitovska Grganja	W							33	0.00	763
Voskeat	W	809	0.02	317	809	0.02	305			
Vostorg	W							17	0.00	881
Vranac	R				149	0.00	559	9503	0.21	77
Vugava	W				36	0.00	798			
Vuillermín	R	0	0.00	997	4	0.00	1101	3	0.00	1141
Vulcanus	W				5	0.00	1094	5	0.00	1059
Weldra	W	54	0.00	636	14	0.00	951	2	0.00	1190
Würzer	W	108	0.00	548	70	0.00	687	54	0.00	681

Table 5 (cont.): Global winegrape area, share of global area, and global ranks of each prime variety (alphabetic), 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000			2010			2016		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank
Xara	R				0	0.00	1375	0	0.00	1524
Xarello	W	10299	0.21	77	8394	0.18	83	8534	0.19	83
Xinomavro	R	1816	0.04	213	1971	0.04	186	2135	0.05	175
Xinomavro (W)	R	3	0.00	877						
Xynisteri	W	2742	0.06	174	2092	0.05	183	1946	0.04	180
Yalovenskii Ustoichivyi	W							129	0.00	538
Yama Sauvignon	R							24	0.00	834
Yamabudo	R							35	0.00	750
Yamasachi	R							20	0.00	858
Yan 73	R							4800	0.11	117
Yaqui	R	22	0.00	724	2	0.00	1179	1	0.00	1289
Yubilei Zhuravlyia	R							1	0.00	1262
Zalagyöngye	W	4330	0.09	125	1948	0.04	188	1259	0.03	228
Zalema	W	5969	0.12	111	4097	0.09	126	4015	0.09	131
Žametovka	R				914	0.02	284	822	0.02	278
Zefir	W				49	0.00	755	15	0.00	907
Zelen	W							75	0.00	636
Zengő	W				264	0.01	476	226	0.01	466
Zenit	W	405	0.01	405	580	0.01	351	660	0.01	310
Zéta	W				118	0.00	590	118	0.00	560
Zeusz	W				28	0.00	843	27	0.00	801
Zghihără de Huși	W				87	0.00	643	54	0.00	680
Zierfandler	G	98	0.00	562	117	0.00	592	105	0.00	577
Žilavka	W							185	0.00	494
Žlahtina	W				135	0.00	578			
Zlatarica Vrgorska	W				19	0.00	901			
Župljanka	W				4	0.00	1103	505	0.01	353
Zweigelt	R	7267	0.15	94	10029	0.22	71	9068	0.20	78
other grey varieties	G							8639	0.19	
other red varieties	R	195563	4.00		98852	2.14		188270	4.20	
other white varieties	W	333660	6.83		127923	2.77		149126	3.33	
<b>TOTAL, grey varieties*</b>		66677	1.36		97702	2.12		109891	2.45	
<b>TOTAL, red varieties*</b>		2413939	49.39		2585934	56.02		2527059	56.37	
<b>TOTAL, white varieties*</b>		2407014	49.25		1932125	41.86		1846178	41.18	
<b>TOTAL, all varieties*</b>		<b>4887629</b>	<b>100.00</b>		<b>4615761</b>	<b>100.00</b>		<b>4483128</b>	<b>100.00</b>	

\* Number of primes in Column B

Table 6: Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2010		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes (%)	Changes (%)		
Cabernet Sauvignon	R	223074	4.56	3	290083	6.28	1	310671	6.93	1	67009	20588	87597	30	7	39
Merlot	R	213368	4.37	5	267888	5.80	2	266440	5.94	2	54520	-1448	53072	26	-1	25
Tempranillo	R	93370	1.91	12	232988	5.05	4	219379	4.89	3	139618	-13609	126009	150	-6	135
Airén	W	387978	7.94	1	252364	5.47	3	203801	4.55	4	-135614	-48563	184177	-35	-19	-47
Chardonnay	W	145543	2.98	7	199743	4.33	5	201649	4.50	5	54201	1905	56106	37	1	39
Syrah	R	102490	2.10	10	185117	4.01	6	181185	4.04	7	82627	-3932	78695	81	-2	77
Garnacha Tinta	R	216349	4.43	4	181553	3.93	7	150096	3.35	8	-34796	-31457	66253	-16	-17	-31
Sauvignon Blanc	W	65190	1.33	18	111552	2.42	9	124700	2.78	10	46362	13148	59510	71	12	91
Trebbiano Toscano	W	137201	2.81	8	111290	2.41	10	120343	2.68	11	-25911	9053	-16858	-19	8	-12
Pinot Noir	R	68810	1.41	16	98623	2.14	12	105480	2.35	12	29812	6837	36670	43	7	53
Sangiovese	R	68877	1.41	15	78030	1.69	14	73464	1.64	13	9153	-4566	4587	13	-6	7
Riesling	W	43316	0.89	25	50014	1.08	20	59805	1.33	14	6698	9791	16489	15	20	38
Bobal	R	100128	2.05	11	80120	1.74	13	59189	1.32	15	-20008	-20931	-40940	-20	-26	-41
Cabernet Franc	R	51974	1.06	20	61295	1.33	17	56052	1.25	16	9320	-5243	4078	18	-9	8
Côt	R	26285	0.54	39	38158	0.83	25	52233	1.17	17	11873	14075	25948	45	37	99
Monastrell	R	76304	1.56	14	69742	1.51	16	51930	1.16	18	-6563	-17812	-24374	-9	-26	-32
Rkatsiteli	W	67354	1.38	17	58641	1.27	19	51374	1.15	19	-8713	-7267	-15980	-13	-12	-24
Pinot Gris	G	18893	0.39	46	43773	0.95	21	48570	1.08	20	24880	4797	29677	132	11	157
Mazuelo	R	127692	2.61	9	75716	1.64	15	47312	1.06	21	-51976	-28404	-80380	-41	-38	-63
Macabeo	W	48128	0.98	23	40864	0.89	22	38625	0.86	22	-7264	-22240	-9504	-15	-5	-20
Cayetana Blanca	W	55776	1.14	19	39781	0.86	23	36401	0.81	23	-15994	-3380	-19374	-29	-8	-35
Alicante Henri Bouschet	R	37157	0.76	28	38462	0.83	24	36031	0.80	24	1306	-2431	-1125	4	-6	-3
Musecat of Alexandria	W	29590	0.61	35	27648	0.60	37	34805	0.78	25	-1942	7157	5215	-7	26	18
Muscat Blanc à Petits Grains	W	29979	0.61	34	31259	0.68	35	33739	0.75	26	1281	2480	3761	4	8	13
Tribidrag	R	26922	0.55	38	32755	0.71	32	33649	0.75	27	5833	895	6728	22	3	25
Montepulciano	R	28728	0.59	36	34956	0.76	28	32935	0.73	28	6228	-2021	4207	22	-6	15
Chenin Blanc	W	45761	0.94	24	35703	0.77	27	32221	0.72	29	-10058	-3482	-13540	-22	-10	-30
Colombard	W	38632	0.79	26	32944	0.71	31	29996	0.67	30	-5687	-2948	-8636	-15	-9	-22
Cereza	G	31113	0.64	32	29934	0.65	36	28887	0.64	31	-1179	-1048	-2227	-4	-3	-7
Catarratto Bianco	W	50711	1.04	21	34863	0.76	29	28613	0.64	32	-15848	-6249	-22098	-31	-18	-44
Aligoté	W	35668	0.73	29	36120	0.78	26	26929	0.60	33	452	-9191	-8739	1	-25	-24
Gamay Noir	R	37798	0.77	27	31927	0.69	34	26221	0.58	34	-5871	-5706	-11577	-16	-18	-31
Graševina	W	92306	1.89	13	61200	1.33	18	24384	0.54	35	-31106	-36816	-67922	-34	-60	-74
Palomino Fino	W	30513	0.62	33	22693	0.49	40	23190	0.52	36	-7820	497	-7323	-26	2	-24
Cinsaut	R	48428	0.99	22	34751	0.75	30	22926	0.51	37	-13677	-11825	-25502	-28	-34	-53
Carmenère	R	57111	0.12	114	11366	0.25	65	22486	0.50	38	5655	11120	16775	99	98	294
Prosecco	W	7507	0.15	90	18437	0.40	45	20109	0.45	39	10930	1672	12601	146	9	168

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %	
Douce Noire	R	18323	0.37	47	19630	0.43	43	19733	0.44	40	1307	102	1409	7	1	8
Müller-Thurgau	W	33587	0.69	30	22917	0.50	39	19501	0.43	41	-10670	-3415	-14085	-32	-15	-42
Grüner Veltliner	W	23604	0.48	43	18834	0.41	44	19118	0.43	42	-4770	-284	-4486	-20	2	-19
Trebbiano Romagnolo	W	19492	0.40	45	15893	0.34	51	19059	0.43	43	-3598	3166	-432	-18	20	-2
Sémillon	W	26239	0.54	40	22157	0.48	41	18693	0.42	44	-4081	-3464	-7546	-16	-16	-29
Verdejo	W	4453	0.09	121	16578	0.36	49	17931	0.40	45	12126	1353	13479	272	8	303
Barbera	R	33041	0.68	31	24366	0.53	38	17824	0.40	46	-8676	-6542	-15217	-26	-27	-46
Isabella	R	27450	0.56	37	32494	0.70	33	17813	0.40	47	5044	-14681	-9637	18	-45	-35
Blaufämkisch	R	13997	0.29	59	17890	0.39	46	17180	0.38	48	3893	-710	3184	28	-4	23
Viognier	W	3160	0.06	158	11785	0.26	62	16063	0.36	49	8625	4278	12903	273	36	408
Criolla Grande	R	24264	0.50	41	20745	0.45	42	15596	0.35	50	-3519	-5149	-8668	-15	-25	-36
Pedro Giménez	W	14862	0.30	56	13502	0.29	57	15576	0.35	51	-1360	2074	714	-9	15	5
Pinot Meunier	R	13131	0.27	63	13566	0.29	56	14695	0.33	52	435	1129	1564	3	8	12
Nero d'Avola	R	11323	0.23	69	16649	0.36	48	14281	0.32	53	5326	-2368	2958	47	-14	26
Touriga Franca	R	6674	0.14	103	11590	0.25	63	14224	0.32	54	4916	2634	7550	74	23	113
Pinot Blanc	W	16983	0.35	49	14812	0.32	54	13779	0.31	55	-2171	-1033	-3204	-13	-7	-19
Fetească Albă	W	23828	0.49	42	17469	0.38	47	13382	0.30	56	-6359	-4087	-10446	-27	-23	-44
Fetească Regală	W	2578	0.05	180	13136	0.28	58	12991	0.29	57	10558	-145	10413	410	-1	404
Gewürztraminer	W	10670	0.22	75	14355	0.31	55	12823	0.29	58	3685	-1532	2152	35	-11	20
Castelão	R	14424	0.30	58	11088	0.24	66	12580	0.28	59	-3336	1492	-1844	-23	13	-13
Muscat Ottonel	W	12259	0.25	66	10340	0.22	70	12464	0.28	60	-1919	2124	205	-16	21	2
Moldova	R							12375	0.28	61						
Fernão Pires	W	14545	0.30	57	9609	0.21	75	12211	0.27	62	-4936	2602	-2334	-34	27	-16
Touriga Nacional	R	4263	0.09	126	10446	0.23	69	11722	0.26	63	6183	1276	7459	145	12	175
Vermantino	W	5838	0.12	113	8874	0.19	80	11483	0.26	64	3036	2609	5645	52	29	97
Negramaro	R	16619	0.34	50	11492	0.25	64	11449	0.26	65	-5127	-43	-5170	-31	0	-31
Mencia	R	13138	0.27	62	10658	0.23	68	11052	0.25	66	-2479	394	-2085	-19	4	-16
Concord	R	11816	0.24	68	12238	0.27	61	10544	0.24	67	422	-1694	-1273	4	-14	-11
Trincadeira	R	7265	0.15	95	9270	0.20	77	10510	0.23	68	2005	1240	3245	28	13	45
Savatiano	W	12747	0.26	65	9920	0.21	73	10268	0.23	69	-2827	348	-2479	-22	4	-19
Listán Prieto	R	16589	0.34	51	4985	0.11	112	10267	0.23	70	-11604	5282	-6322	-70	106	-38
Panid	R	22718	0.46	44	9827	0.21	74	9961	0.22	71	-12891	135	-12757	-57	1	-56
Bianca	W	2180	0.04	201	6462	0.14	97	9766	0.22	72	4282	3304	7586	196	51	348
Aglianico	R	9346	0.19	78	9995	0.22	72	9734	0.22	73	649	-260	388	7	-3	4
Dinyat	W	7740	0.16	88	2401	0.05	169	9696	0.22	74	-5339	7295	1956	-69	304	25
Malvasia Bianca di Candia	W	12889	0.26	64	9351	0.20	76	9685	0.22	75	-3538	334	-3204	-27	4	-25
Melon	W	13253	0.27	61	12306	0.27	60	9551	0.21	76	-948	-2755	-3703	-7	-22	-28
Vranac	R							149	0.00	559	9503	0.21	77			6297

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	area (ha)	share %	rank	area (ha)	share %	rank
Zweigelt	R	7267	0.15	94	10029	0.22	71	9068	0.20	78	2761	-961	1801
Torrontés Riojano	W	8197	0.17	86	8937	0.19	79	8859	0.20	79	740	-78	662
Pedro Ximénez	W	17272	0.35	48	9235	0.20	78	8810	0.20	80	-8037	-425	-8461
Garganega	W	16553	0.34	53	15397	0.33	52	8554	0.19	82	-1157	-6843	-8000
Xarello	W	10299	0.21	77	8394	0.18	83	8534	0.19	83	-1905	140	-1765
Roditis	G	299	0.01	437	4668	0.10	117	8463	0.19	84	4369	3795	8164
Muscat Blanc à Petits Grains (G)	W	10442	0.21	76	8761	0.19	82	8258	0.18	85	-1681	-503	-2185
Petit Verdot	R	1640	0.03	225	7195	0.16	94	8124	0.18	86	5555	929	6484
Nebbiolo	R	5264	0.11	118	6125	0.13	104	7997	0.18	87	860	1872	2732
Tsolikouri	W	6161	0.13	108	7903	0.17	88	7903	0.18	88	1742	0	1742
Dornfelder	R	3766	0.08	139	8182	0.18	84	7871	0.18	89	4416	-311	4105
Muscat of Hamburg	R	7068	0.14	99	8140	0.18	85	7680	0.17	90	1073	-460	613
Garnacha Blanca	W	10821	0.22	74	7398	0.16	92	7409	0.17	91	-3423	11	-3412
Grillo	W	1803	0.04	214	6295	0.14	100	7383	0.16	92	4491	1088	5579
Chasselas	W	13318	0.27	60	13119	0.28	59	7377	0.16	93	-199	-5742	-5941
Parellada	W	11188	0.23	70	8847	0.19	81	7137	0.16	94	-2341	-1710	-4051
Pinotage	R	6574	0.13	104	6404	0.14	98	7132	0.16	95	-170	728	558
Síria	W	2791	0.06	172	7898	0.17	89	7037	0.16	96	5107	-861	4246
Baga	R	6730	0.14	101	4108	0.09	125	6750	0.15	97	-2621	2642	21
Blauer Portugieser	R	9156	0.19	81	8027	0.17	87	6590	0.15	98	-1129	-1437	-2566
Saperavi	R	6707	0.14	102	8126	0.18	86	6478	0.14	99	1418	-1647	-229
Corvina Veronese	R	4800	0.10	120	7496	0.16	91	6240	0.14	100	2696	-1255	1440
Lambrusco Salamino	R	4147	0.08	129	5003	0.11	111	6228	0.14	101	856	1225	2081
Silvaner	W	11047	0.23	71	7395	0.16	93	6072	0.14	102	-3652	-1323	-4975
Bonarda Piemontese	R	23	0.00	718	6	0.00	1064	5926	0.13	103	-17	5920	5903
Lambrusco Maestri	R	1513	0.03	233	2312	0.05	175	5657	0.13	104	799	3346	4145
Tannat	R	5595	0.11	115	5765	0.12	105	5611	0.13	105	170	-154	16
Alvarinho	W	3966	0.08	134	4482	0.10	121	5409	0.12	107	516	927	1443
Arinto de Bucelas	R	7998	0.16	87	7829	0.17	90	5369	0.12	108	-169	-2460	-2629
Tinto Velasco	W	12122	0.25	67	3413	0.07	142	5325	0.12	109	-8709	1912	-6797
Sultaniye	R	7420	0.15	92	5729	0.12	106	5309	0.12	110	-1691	420	-2112
Ruby Cabernet	R	1427	0.03	242	3675	0.08	132	5258	0.12	111	2247	1583	3830
Caladoc	R	1076	0.02	286	1463	0.03	216	5188	0.12	112	387	3724	4111
Italia	W	10877	0.22	73	6168	0.13	102	5029	0.11	113	-4709	-1139	-5848
Chelva	R	6052	0.12	109	6172	0.13	101	4926	0.11	114	120	-1246	-1126
Tinta Barroca	R	4153	0.08	128	4556	0.10	120	4916	0.11	115	403	360	763
Rubired	R	1197	0.02	269	3557	0.08	137	4807	0.11	116	2360	1249	3609

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000			
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	
Yan 73	R	4800	0.11	117	4800	0.11	117	-1392	-34	-23	-49	-49	-49		
Inzolia	W	9259	0.19	79	6133	0.13	103	118	-3127	-16	16	7	7	7	
Loureiro	W	4392	0.09	123	4054	0.09	128	4696	0.10	119	-339	643	304	-8	
Marufo	R	6339	0.13	107	6579	0.14	95	4683	0.10	120	-240	-1895	-1656	4	-29
Verdicchio Bianco	W	5043	0.10	119	3532	0.08	138	4682	0.10	121	-1511	1150	-361	33	-7
Gaglioppo	R	3592	0.07	143	4214	0.09	123	4626	0.10	122	622	412	1034	17	29
Dolcetto	R	7197	0.15	96	6333	0.14	99	4545	0.10	123	-864	-1788	-2652	-12	-37
Vinhao	R	5937	0.12	112	3160	0.07	144	4468	0.10	124	-2777	1308	-1469	-47	-25
Furmint	W	3481	0.07	145	5276	0.11	109	4435	0.10	125	1794	-841	953	52	-16
Alarie	W	1686	0.03	220	1726	0.04	199	4407	0.10	126	40	2681	2721	2	161
Misket Cherven	G	4159	0.09	124	4349	0.10	127	190	127	5	5	5	5	5	5
Cserszegi Fűszeres	G	2185	0.04	200	3609	0.08	135	4299	0.10	128	1423	691	2114	65	97
Prieto Picudo	R	3256	0.07	152	4587	0.10	118	4293	0.10	129	1331	-294	1037	41	-6
Aspiran Bouschet	R	433	0.01	398	2245	0.05	176	4088	0.09	130	1812	1843	3655	419	845
Zalema	W	5969	0.12	111	4097	0.09	126	4015	0.09	131	-1872	-82	-1954	-31	-33
Marselan	R	176	0.00	494	2731	0.06	160	3941	0.09	132	2555	1210	3765	1455	44
Sauvignonasse	W	5452	0.11	116	4563	0.10	119	3861	0.09	133	-889	-702	-1591	-16	-29
Torrontés Sanjuanino	W	3170	0.06	157	2531	0.05	167	3656	0.08	134	-639	1125	487	-20	44
Tsitska	W	2839	0.06	167	3642	0.08	134	3642	0.08	135	803	0	803	28	0
Falanghina Flegrea	W							3634	0.08	136					28
Pardillo	W	7272	0.15	93	4364	0.09	122	3283	0.07	137	-2908	-1081	-3989	-40	-25
Malvasia Fina	W	7102	0.15	98	3501	0.08	140	3282	0.07	138	-3601	-219	-3820	-51	-54
Agiorgitiko	R	2320	0.05	190	2905	0.06	153	3272	0.07	139	586	367	953	25	41
Sankt Laurent	R	2555	0.05	181	3664	0.08	133	3272	0.07	140	1110	-392	717	43	-11
Niagara	W	15343	0.31	54	4670	0.10	116	3264	0.07	141	-10673	-1405	-12078	-70	-79
Fetească Neagră	R	1214	0.02	266	1719	0.04	200	3248	0.07	142	505	1529	2034	42	89
Mavro	R	10969	0.22	72	3575	0.08	136	3187	0.07	143	-7394	-388	-7782	-67	-11
Gros Manseng	W	2160	0.04	202	2960	0.06	151	3069	0.07	144	800	109	909	37	42
Negrarnoll	R	3557	0.07	144	3195	0.07	143	3013	0.07	145	-362	-182	-544	-10	-15
Graciano	R	1960	0.04	210	3123	0.07	145	2910	0.06	146	1163	-213	950	59	-7
Alvarelhão	R	5272	0.11	117	5701	0.12	107	2910	0.06	147	429	-2791	-2362	8	-49
Kerner	W	7129	0.15	97	4093	0.09	127	2891	0.06	148	-3036	-1202	-4238	-43	-29
Auxerois	W	2302	0.05	191	2785	0.06	156	2853	0.06	149	483	68	551	21	24
Listan Negro	R	3291	0.07	151	2666	0.06	162	2847	0.06	150	-625	181	-444	-19	-13
Malvazija Istarska	W	7559	0.15	89	2740	0.06	158	2788	0.06	151	-4818	48	-4770	-64	-63
Kyoho (4N)	R	4003	0.08	132	4003	0.09	129	2762	0.06	152	0	-1241	0	-31	-31
Pervenets Magaracha	W	2837	0.06	168	2881	0.06	155	2755	0.06	153	44	-125	-81	2	-3
Ancellotta	R	4405	0.09	122	4681	0.10	115	2739	0.06	154	277	-1942	-1665	6	-41

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %
Seyval Blanc	W	389	0.01	408	569	0.01	353	2699	0.06	155	181	2130	46
Băbească Neagră	R	3722	0.08	141	3122	0.07	146	2696	0.06	156	-600	-426	-16
Croatina	R	3116	0.06	160	5700	0.12	108	2695	0.06	157	2584	-3005	-421
Rondinella	R	2797	0.06	171	2480	0.05	168	2684	0.06	158	-317	204	-113
Latiiko	R	2476	0.05	184	1211	0.03	243	2633	0.06	159	-1265	1422	157
Trebbiano d'Abruzzo	W	8435	0.17	82	5091	0.11	110	2630	0.06	160	-3345	-2461	-5805
Beba	W	8250	0.17	84	6524	0.14	96	2556	0.06	161	-1726	-3968	-5694
Nero di Troia	R	1765	0.04	215	2572	0.06	165	2512	0.06	162	807	-60	747
Odessky Cherny	R	1694	0.03	219	2686	0.06	161	2508	0.06	163	991	-178	814
Trajadura	W	2416	0.05	186	2169	0.05	179	2492	0.06	164	-246	323	77
Chaintette	W	4359	0.09	124	3057	0.07	147	2420	0.05	165	-1303	-636	-1939
Cortese	W	3113	0.06	161	2953	0.06	152	2405	0.05	166	-161	-548	-708
Mersennera	W	7460	0.15	91	3946	0.09	130	2373	0.05	167	-3514	-1573	-5087
Trebbiano Giallo	W	3984	0.08	133	10664	0.23	67	2275	0.05	168	6680	-8389	-1709
Savagnin Blanc	W	441	0.01	395	1950	0.04	187	2267	0.05	169	1509	317	1826
Schiava Grossa	R	3789	0.08	138	3011	0.07	150	2256	0.05	170	-778	-755	-1533
Fiano	W	758	0.02	323	1377	0.03	226	2187	0.05	171	619	810	1429
Malvasia	W	61	0.00	624	45	0.00	766	2184	0.05	172	-15	2139	2124
Roussanne	W	874	0.02	311	1851	0.04	194	2137	0.05	173	978	286	1264
Couderc Noir	R	614	0.01	351	3517	0.08	139	2136	0.05	174	2903	-1381	1522
Xinomavro	R	1816	0.04	213	1971	0.04	186	2135	0.05	175	155	164	319
Greco Bianco	W	660	0.01	336	1604	0.03	206	2050	0.05	176	944	446	1390
Regent	R	340	0.01	424	2187	0.05	177	1974	0.04	177	1847	-213	1634
Rabigato	W	1133	0.02	278	1273	0.03	237	1969	0.04	178	139	696	836
Grolleau Noir	R	3006	0.06	163	2759	0.06	157	1949	0.04	179	-247	-810	-1057
Xynisteri	W	2742	0.06	174	2092	0.05	183	1946	0.04	180	-650	-146	-796
Vidal	W	611	0.01	353	1644	0.04	203	1936	0.04	181	1033	293	1326
Malvasia Preta	R	2210	0.05	197	1903	0.04	191	1933	0.04	182	-307	30	-277
Rufete	R	3397	0.07	146	4833	0.10	113	1859	0.04	183	1436	-2975	-1539
Marsanne	W	1512	0.03	234	1763	0.04	198	1838	0.04	184	251	75	326
Grechetto di Orvieto	W	1177	0.02	273	1501	0.03	212	1824	0.04	185	324	322	647
Muscat Bailey A	R	1372	0.03	249	1422	0.03	220	1821	0.04	186	50	399	450
Nerello Mascalese	R	4167	0.09	127	2883	0.06	154	1805	0.04	187	-1284	-1078	-2362
Irsai Olivér	W	1106	0.02	279	902	0.02	286	1770	0.04	189	-204	868	664
Assyrtiko	W	376	0.01	412	1252	0.03	239	1768	0.04	190	876	516	1392
Antao Vaz	W	3374	0.07	147	2113	0.05	182	1759	0.04	191	-1261	-355	-1616
Bacchus	W	166	0.00	504	1228	0.03	241	1742	0.04	192	1062	514	1576
Pecorino	W												

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (%)	Changes (%)	Changes (%)	
Plavac Mali	R	6539	0.13	106	1569	0.03	209	1714	0.04	193	-4970	145	-4825	
Brachetto del Piemonte	R	1534	0.03	232	1460	0.03	217	1694	0.04	194	-74	234	-5	
Fer	R	1626	0.03	228	1854	0.04	193	1686	0.04	195	229	-168	60	
Aletta	W	887	0.02	308	983	0.02	275	1676	0.04	197	96	688	784	
Cocociola	W	3870	0.08	136	536	0.01	361	1660	0.04	198	-3334	1124	-2210	
Cardinal	R	349	0.01	421	520	0.01	364	1658	0.04	199	171	1138	1309	
Mavrouda	W	542	0.01	374	1467	0.03	215	1634	0.04	200	926	166	1092	
Moscat Giallo	W	3655	0.07	142	2039	0.04	184	1626	0.04	201	-1617	-413	-2030	
Scheurebe	R	2630	0.05	179	1181	0.03	251	1625	0.04	202	-1450	444	-1005	
Kadarka	R	3187	0.07	154	2171	0.05	178	1622	0.04	203	-1016	-549	-1565	
Damaschino	W	1296	0.03	257	1856	0.04	192	1618	0.04	204	560	-237	322	
Hárslévelű	W	1033	0.02	290	1479	0.03	214	1601	0.04	205	446	123	569	
Öküzgözü	R	Beibinghong	W	2648	0.05	178	1803	0.04	196	1574	0.04	207	-844	
Folle Blanche	W	975	0.02	296	1492	0.03	213	1565	0.03	208	516	73	589	
Piquepoul Blanc	W	2077	0.04	205	1707	0.04	202	1545	0.03	209	-370	-162	-532	
Juan García	R	3310	0.07	149	1933	0.04	189	1526	0.03	210	-1378	-407	-1784	
Mauzac Blanc	W	1643	0.03	224	2009	0.04	185	1516	0.03	211	365	-493	-127	
Verdelho	W	2207	0.05	199	1637	0.04	204	1509	0.03	212	-569	-129	-698	
Muscadelle	W	2761	0.06	173	2366	0.05	173	1462	0.03	213	-396	-903	-1299	
Garnacha Roja (Gris)	G	Prosecco Lungo	W	3302	0.07	150	1367	0.03	227	1450	0.03	214	83	-14
Azal	W	226	0.00	474	2368	0.05	172	1443	0.03	215	-2230	371	-1860	
Jacquez	R	Muscat Blanc à Petits Grains (R)	W	1154	0.02	276	1459	0.03	218	1438	0.03	216	-2142	-925
Boğazkere	R	1489	0.03	236	1332	0.03	231	1406	0.03	219	-2230	371	-1860	
Godello	W	15180	0.31	55	15180	0.33	53	1361	0.03	220	0	-13819	0	
Prokupac	R	Refosco	R	1148	0.02	277	2330	0.05	174	1338	0.03	222	-1183	-992
Kotsifali	W	Biancame	W	1330	0.03	253	2599	0.06	164	1336	0.03	223	1269	-1263
Petit Manseng	W	613	0.01	352	1109	0.02	258	1299	0.03	224	496	191	687	
Refosco dal Peduncolo Rosso	R	711	0.01	331	1082	0.02	263	1272	0.03	225	372	190	561	
Malvasia Nera di Brindisi	R	3174	0.06	156	1314	0.03	233	1264	0.03	226	-1859	-51	-1910	
Trousseau	R	2223	0.05	196	3450	0.07	141	1263	0.03	227	1227	-2187	-960	
Zalagöngye	W	4330	0.09	125	1948	0.04	188	1259	0.03	228	-2382	-689	-3072	
Malvasia Bianca Lunga	W	3937	0.08	135	2544	0.06	166	1247	0.03	229	-1393	-1296	-2690	
Chinuui	W	955	0.02	298	1225	0.03	242	1225	0.03	230	270	0	270	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Blauburger	R	1002	0.02	292	1339	0.03	230	1223	0.03	231	337	-116	221	34	-9
Alfrocheiro	R	523	0.01	380	1188	0.03	249	1216	0.03	232	665	28	693	127	2
Malvasia di Candia Aromatica	W	1754	0.04	217	927	0.02	280	1208	0.03	233	-827	282	-546	-47	30
Shiroka Melnishka	R	3804	0.08	137	1580	0.03	208	1205	0.03	234	-2224	-375	-2599	-58	-24
Monica Nera	R	2835	0.06	169	1404	0.03	222	1203	0.03	235	-1431	-201	-1632	-50	-14
Trepat	R	1763	0.04	216	1358	0.03	228	1199	0.03	236	-405	-159	-565	-23	-12
Mavrud	R	647	0.01	341	1296	0.03	235	1193	0.03	237	649	-103	546	100	-8
Aramon Noir	R	9157	0.19	80	2601	0.06	163	1181	0.03	238	-6556	-1419	-7976	-72	-55
Arneis	W	738	0.02	327	1122	0.02	256	1179	0.03	239	385	56	441	52	5
Pignoletto	W	6009	0.12	110	1707	0.04	201	1174	0.03	240	-4302	-533	-4835	-72	-31
Albillo Mayor	W	5	0.00	848	1319	0.03	232	1152	0.03	241	1314	-167	1148	26886	-13
Bombino Bianco	W	2903	0.06	165	1239	0.03	240	1147	0.03	242	-1664	-92	-1756	-57	-7
Kodryanka	R							1143	0.03	243					-60
Corvinone	R	88	0.00	573	930	0.02	279	1140	0.03	244	842	211	1052	952	23
Romeiko	R	382	0.01	410	1597	0.03	207	1131	0.03	245	1215	-466	749	318	-29
Tinta Carvalha	R	1920	0.04	211	1311	0.03	234	1113	0.02	246	-609	-198	-807	-32	-15
Négrette	R	1319	0.03	255	1202	0.03	246	1112	0.02	247	-117	-90	-208	-9	-8
Diagalves	W	1088	0.02	283	1156	0.03	254	1090	0.02	248	68	-66	2	6	-6
Moschafilerò	G	718	0.01	329	1111	0.02	257	1088	0.02	249	394	-24	370	55	-2
Sauvignon Blanc (G)	W	76	0.00	595	698	0.02	324	1076	0.02	250	622	378	1000	822	54
Bical	W	912	0.02	305	924	0.02	281	1076	0.02	251	12	152	164	1	16
Lambusco Marani	R	2280	0.05	193	1394	0.03	224	1074	0.02	252	-886	-319	-1206	-39	-23
Canaiolo Nero	R	2418	0.05	185	1068	0.02	268	1033	0.02	253	-1349	-36	-1385	-56	-3
Sagrantino	R	351	0.01	420	995	0.02	273	1026	0.02	254	644	31	675	183	3
Nuragus	W	3186	0.07	155	1345	0.03	229	1008	0.02	255	-1841	-337	-2178	-58	-25
Longyan	R							1000	0.02	256					-68
Kunkleány	W	1376	0.03	248	1211	0.03	244	974	0.02	257	-165	-236	-402	-12	-20
Elbling	W	1208	0.02	268	935	0.02	277	972	0.02	258	-273	36	-236	-23	4
Chambourcin	R	257	0.01	460	1097	0.02	260	968	0.02	259	840	-129	710	326	-12
Ribolla Gialla	W	1406	0.03	245	1178	0.03	252	959	0.02	260	-229	-219	-447	-16	-19
Lambrusco Grasparossa	R	1720	0.04	218	2734	0.06	159	954	0.02	261	1014	-1780	-765	59	-65
Passerina	W	715	0.01	330	894	0.02	287	933	0.02	262	179	38	217	25	4
Mandilaria	R	845	0.02	315	885	0.02	291	932	0.02	263	39	47	87	5	5
Viosinho	W	17	0.00	753	225	0.00	504	916	0.02	264	209	691	899	1251	307
Verdeca	W	2208	0.05	198	796	0.02	306	913	0.02	265	-1413	117	-1296	-64	15
Mammolo	R	777	0.02	320	841	0.02	301	911	0.02	266	65	70	135	8	8
Grignolino	R	1353	0.03	250	915	0.02	283	911	0.02	267	-438	-4	-441	-32	0
Garnacha Peluda	R	2024	0.04	207	1206	0.03	245	898	0.02	268	-818	-308	-1126	-40	-56

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2016-2000		2010-2000		2016-2010		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	rank	Change (ha)	Change (%)	Changes (%)	Change (ha)	Change (%)	Changes (%)	Change (ha)
Ciliegioletto	R	2527	0.05	182	1830	0.04	195	897	0.02	269	-697	-933	-1630	-28	-51	-65	
Levkumskij	R	2029	0.04	206	1395	0.03	223	888	0.02	271	-634	-507	-1141	-31	-36	-56	
Planta Nova	W	854	0.02	312	522	0.01	363	884	0.02	272	-332	362	30	-39	69	4	
Magaracha Rannii	R	2703	0.06	175	1390	0.03	225	872	0.02	274	-1313	-518	-1831	-49	-37	-68	
Vernaccia di San Gimignano Terret	R	1156	0.02	275	1201	0.03	247	865	0.02	275	45	-336	-290	4	-28	-25	
Bombino Nero	R	1409	0.03	244	1606	0.03	205	858	0.02	276	196	-748	-552	14	-47	-39	
Lambrusco di Sorbara	G	6945	0.14	100	3826	0.08	131	828	0.02	277	-3119	-2998	-6117	-45	-78	-88	
Roditis (R)	R	436	0.01	396	625	0.01	343	806	0.02	279	189	181	369	43	29	85	
Žametovka	R	537	0.01	378	769	0.02	308	787	0.02	280	232	18	250	43	2	47	
Çalkarasi	W	994	0.02	293	1091	0.02	262	785	0.02	281	97	-305	-209	10	-28	-21	
Narince	R	972	0.02	297	892	0.02	288	785	0.02	282	79	-107	-187	-8	-12	-19	
Marzemino	R	1227	0.03	264	1074	0.02	266	785	0.02	283	-153	-289	-442	-12	-27	-36	
Duras	W	2487	0.05	183	1523	0.03	210	782	0.02	285	-964	-741	-1705	-39	-49	-69	
Gibi	W	2487	0.05	183	1523	0.03	210	780	0.02	286	-964	-741	-1705	-39	-49	-69	
Királyleányka	W	601	0.01	356	1273	0.03	236	777	0.02	287	672	-496	176	112	-39	29	
Albana	W	682	0.01	334	839	0.02	302	772	0.02	288	157	-67	90	23	-8	13	
Alb de Suruceni	R	2831	0.06	170	1509	0.03	211	745	0.02	289	-1322	-764	-2086	-47	-51	-74	
Villard Noir	R	746	0.02	326	654	0.01	335	743	0.02	290	-92	89	-4	-12	14	0	
Teroldego	R	2845	0.06	166	1801	0.04	197	736	0.02	292	-1044	-1065	-2109	-37	-59	-74	
Perruno	R	397	0.01	407	475	0.01	383	735	0.02	293	77	261	338	19	55	85	
Muscat	W	746	0.02	326	654	0.01	335	743	0.02	290	-92	89	-4	-12	14	0	
Villard Blanc	R	2845	0.06	166	1801	0.04	197	736	0.02	292	-1044	-1065	-2109	-37	-59	-74	
Rojal Tinta	R	397	0.01	407	475	0.01	383	735	0.02	293	77	261	338	19	55	85	
Baco Noir	R	746	0.02	326	654	0.01	335	743	0.02	294	-15	-15	-15	-2	-2	-2	
Santarena	R	2845	0.06	166	1801	0.04	197	736	0.02	294	295	-119	-119	-14	-14	-14	
Leányka	W	485	0.01	386	611	0.01	345	709	0.02	296	126	98	224	26	16	46	
Ortrugo	R	949	0.02	299	955	0.02	276	707	0.02	297	6	-249	-242	1	-26	-26	
Grand Noir	R	601	0.01	355	861	0.02	297	704	0.02	298	260	-156	103	43	-18	17	
Kalecik Karası	R	602	0.01	354	863	0.02	293	704	0.02	299	260	-158	102	43	-18	17	
Dimitri	R	1598	0.03	229	812	0.02	304	690	0.02	303	-785	-123	-908	-49	-15	-57	
Schiava Lombarda	W	636	0.01	344	685	0.01	328	699	0.02	301	50	14	63	8	2	10	
Avesso	G	118	0.00	539	168	0.00	543	690	0.02	302	51	522	573	43	310	487	
Koshu	W	1598	0.03	229	812	0.02	304	690	0.02	303	-785	-123	-908	-49	-15	-57	
Verduzzo Friulano	W	643	0.01	337	683	0.02	305	683	0.02	306	-785	-123	-908	-49	-15	-57	
Muscat Yantarny	R	862	0.02	295	683	0.02	306	683	0.02	306	-785	-123	-908	-49	-15	-57	
Plavina	W	643	0.01	337	683	0.02	305	683	0.02	306	-785	-123	-908	-49	-15	-57	
Moscato Embrapa	W	862	0.02	295	683	0.02	306	683	0.02	306	-785	-123	-908	-49	-15	-57	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %	
Malvasia del Lazio	W	2366	0.05	188	590	0.01	347	680	0.02	307	-1775	89	-1686	-75	15	-71
Magliocco Canino	R	579	0.01	364	539	0.01	360	679	0.02	308	-40	140	100	-7	26	17
Raboso Piave	R	1334	0.03	252	776	0.02	307	665	0.01	309	-557	-111	-669	-42	-14	-50
Zenit	W	405	0.01	405	580	0.01	351	660	0.01	310	175	80	256	43	14	63
Vital	W	2246	0.05	195	1182	0.03	250	659	0.01	311	-1065	-523	-1587	-47	-44	-71
Kövidinka	G	1214	0.02	265	1076	0.02	264	658	0.01	312	-138	-418	-556	-11	-39	-46
Torrontes Mendocino	W	780	0.02	319	661	0.01	334	653	0.01	313	-119	-8	-127	-15	-1	-16
Vilana	W	506	0.01	383	579	0.01	352	650	0.01	314	73	71	144	14	12	28
Symphony	W	184	0.00	489	324	0.01	441	647	0.01	315	140	323	463	76	100	251
Bayanashira	W	451	0.01	394	645	0.01	336	645	0.01	316	195	0	195	43	0	43
Violetta	R	98	0.00	625	636	0.01	317	847	0.01	320	-164	-53	-218	-19	-8	-26
Ezerjó	W	3157	0.06	159	1074	0.02	265	636	0.01	318	-2083	-438	-2521	-66	-41	-80
Alphonse Lavallée	R	15	0.00	764	862	0.02	294	634	0.01	319	847	-228	619	5600	-26	4092
Grasă de Cotnari	W	850	0.02	313	685	0.01	327	632	0.01	320	-164	-53	-218	-19	-8	-26
Catawba	R	635	0.01	346	633	0.01	339	626	0.01	321	-2	-8	-10	0	-1	-2
Hondarrabi Zuri	W	1086	0.02	284	1014	0.02	272	621	0.01	323	-73	-393	-465	-7	-39	-43
Jacquere	W	145	0.00	517	52	0.00	741	620	0.01	324	-93	568	475	-64	1084	326
Victoria	R	1083	0.02	285	891	0.02	289	616	0.01	325	-192	-275	-467	-18	-31	-43
Béquignol Noir	R	1637	0.03	226	717	0.02	320	609	0.01	326	-920	-109	-1028	-56	-15	-63
Molinara	R	1294	0.03	258	663	0.01	333	605	0.01	327	-631	-58	-689	-49	-9	-53
Jurançon Noir	R	734	0.02	328	629	0.01	341	603	0.01	328	-104	-26	-131	-14	-4	-18
Len de l'EI	W	3368	0.07	148	861	0.02	296	601	0.01	329	-2507	-260	-2768	-74	-30	-82
Albillo Real	R	896	0.02	306	699	0.02	323	593	0.01	330	-198	-106	-303	-22	-15	-34
Piediroso	W	2914	0.06	164	1133	0.02	255	586	0.01	331	-1781	-547	-2328	-61	-48	-80
Arany Sárféhér	W	784	0.02	318	752	0.02	310	580	0.01	332	-1	-1	0	0	0	0
Gouveio Real	R	1434	0.03	241	1030	0.02	271	578	0.01	333	-31	-173	-204	-4	-23	-26
Frappato	W	1350	0.03	251	748	0.02	312	577	0.01	334	-404	-452	-855	-28	-44	-60
Neuburger	W	2	0.00	906	257	0.01	480	568	0.01	337	255	311	566	12750	121	28308
Athiri	R	656	0.01	338	734	0.02	315	567	0.01	338	78	-167	-89	12	-23	-14
Cora	W	2330	0.05	189	908	0.02	285	563	0.01	339	-1422	-345	-1767	-61	-38	-76
Riton	W	40	0.00	664	347	0.01	428	558	0.01	340	0	341	307	211	518	61
Montonico Bianco	W	914	0.02	304	749	0.02	311	549	0.01	342	-164	-200	-364	-18	-27	-40
Rabo de Ovelha	R	1411	0.03	243	553	0.01	358	537	0.01	344	-858	-16	-874	-61	-3	-62
Krasnostop Zolotovsky	R	40	0.00	664	347	0.01	428	558	0.01	341	307	211	768	-18	5	5
Viorika	W	506	0.01	338	734	0.02	315	567	0.01	338	78	-167	-89	12	-23	-14
Chasan	R	1434	0.03	241	1030	0.02	271	578	0.01	334	-404	-452	-855	-28	-44	-60
Uva Longanesi	R	1411	0.03	243	553	0.01	358	537	0.01	344	-858	-16	-874	-61	-3	-62

Table 6 (cont.): Global ranking of prime wine grape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	2000		2010		2016		2010-2000		2016-2010		2010-2000		2016-2010		2010-2000	
	Col	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Change (ha)	Change (%)	Change (ha)	Change (%)	Change (ha)	Change (%)	Change (ha)
Forcallat Tinta	R	2690	0.06	176	1163	0.03	253	535	0.01	345	-1527	-628	-2154	-57	-54	-80
Ortega	W	1054	0.02	288	667	0.01	332	532	0.01	346	-387	-135	-522	-37	-20	-50
Verduzzo Trevigiano	W	1657	0.03	223	708	0.02	322	531	0.01	347	-949	-177	-1126	-57	-25	-68
Baco Blanc	W	2137	0.04	203	739	0.02	314	528	0.01	348	-1398	-211	-1609	-65	-29	-75
Freisa	R	1450	0.03	240	1054	0.02	270	519	0.01	349	-396	-535	-931	-27	-51	-64
Borraçal	R	2654	0.05	177	683	0.01	329	512	0.01	350	-1972	-170	-2142	-74	-25	-81
Carrega Branco	W	259	0.01	458	499	0.01	377	509	0.01	351	5	5	1	1	1	1
Cornifesto	R	259	0.01	458	499	0.01	377	509	0.01	352	239	10	250	92	2	96
Zupljanka	W	772	0.02	322	585	0.01	349	501	0.01	354	-187	-84	-271	-24	-14	-35
Bourboulenc	R	500	0.01	384	500	0.01	376	500	0.01	355	0	0	0	0	0	0
Sheridan	W	5	0.00	846	71	0.00	682	490	0.01	357	66	419	485	1320	590	9695
Lorena	R	150	0.00	513	189	0.00	528	486	0.01	358	39	297	336	26	158	224
Onitskanskii Belyi	W	1991	0.04	208	592	0.01	346	482	0.01	359	0	0	0	0	0	0
Arinarnoa	R	599	0.01	357	470	0.01	385	480	0.01	360	-1399	-110	-1508	-70	-19	-76
Dunavski Lazar	W	1991	0.04	208	592	0.01	346	482	0.01	361	-130	11	-119	-22	2	-20
Seibel	R	599	0.01	357	470	0.01	379	477	0.01	362	-13	-13	-13	-3	-3	-3
Durella	W	1213	0.02	267	681	0.01	330	471	0.01	363	474	0.01	363	0	0	0
Acolon	R	1252	0.03	262	642	0.01	338	469	0.01	365	-610	-173	-783	-49	-27	-63
Couderc 13	W	1213	0.02	267	681	0.01	330	471	0.01	364	-532	-210	-742	-44	-31	-61
Seara Nova	R	1252	0.03	262	642	0.01	338	469	0.01	365	-610	-173	-783	-49	-27	-63
Fortana	R	1024	0.02	291	679	0.01	331	446	0.01	373	-345	-233	-578	-34	-34	-56
Niagara Red	R	71	0.00	604	405	0.01	403	441	0.01	374	335	36	370	471	9	522
Listain de Huelva	W	1289	0.03	259	630	0.01	340	466	0.01	368	-659	-164	-823	-51	-26	-64
Huxelrebe	W	4058	0.08	131	629	0.01	342	455	0.01	369	-3429	-174	-3603	-85	-28	-89
Codega de Larinho	R	636	0.01	345	466	0.01	388	452	0.01	370	-170	-13	-184	-27	-3	-29
Chenanson	R	457	0.01	451	0.01	391	451	0.01	371	0	0	0	0	0	0	0
Tsimlyansky Cherny Crimposie	W	2	0.00	909	422	0.01	396	428	0.01	372	-3	-3	-3	-1	-1	-56
Cesanese	R	1024	0.02	291	679	0.01	331	446	0.01	373	-345	-233	-578	-34	-34	-56
Gamaret	R	71	0.00	604	405	0.01	403	441	0.01	374	335	36	370	471	9	522
Morio-Muskat	W	1188	0.02	272	526	0.01	362	440	0.01	375	-662	-86	-748	-56	-16	-63
Greco Nero	R	3229	0.07	153	1256	0.03	238	437	0.01	376	-1973	-819	-2792	-61	-65	-86
Blauer Wildbacher	R	472	0.01	388	368	0.01	415	437	0.01	377	-104	69	-36	-22	19	-8
Tibouren Nouvelle	R	457	0.01	392	443	0.01	393	432	0.01	378	-14	-11	-25	-3	-2	-5
Delaware	G	234	0.00	470	227	0.00	503	421	0.01	380	-7	194	187	-3	85	80
Plantet	R	209	0.00	481	1060	0.02	269	420	0.01	381	851	-639	211	407	-60	101
Counoise	R	638	0.01	343	408	0.01	400	418	0.01	382	-230	10	-220	-36	3	-34

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %
Galbenă de Odobești	W	546	0.01	372	385	0.01	407	417	0.01	383	-161	32	-129
Pineau d'Aunis	R	430	0.01	399	437	0.01	394	413	0.01	384	7	-24	-16
Triplet Blanc	W	1631	0.03	227	2156	0.05	180	491	0.01	412	0.01	385	526
Sukholimansky Bely	R	632	0.01	347	856	0.02	298	388	0.01	388	224	-468	-244
Frühdreter Veltliner	R	269	0.01	452	385	0.01	406	406	0.01	385	116	0	116
Kuldzhinskii	G	187	0.00	486	407	0.01	401	375	0.01	390	220	-32	188
Domina	R	556	0.01	370	369	0.01	414	372	0.01	391	-188	3	-184
Tinto Cão	W	510	0.01	382	285	0.01	461	369	0.01	392	-225	84	-141
Vijarięgo	W	1682	0.03	221	621	0.01	344	365	0.01	393	-256	-111	-1324
Frâncușă	R	1035	0.02	289	2016	0.07	149	355	0.01	394	-1213	-72	-72
Espadieiro	R	572	0.01	365	345	0.01	431	352	0.01	397	7	-2661	-680
Cabinda	R	8290	0.17	83	382	0.01	214	507	0.00	351	0.01	398	-84
Mazuelo (W)	R	1586	0.03	230	554	0.01	408	339	0.01	401	-7907	-43	-7951
Tinta da Barca	W	230	0.00	472	345	0.01	430	357	0.01	402	-1032	-223	-1255
Lairen	R	9	0.00	808	107	0.00	609	330	0.01	403	115	-15	100
Salvador	R	1658	0.03	222	394	0.01	405	351	0.01	399	-178	-43	-221
Busuioacă de Bohotin	G	249	0.01	465	268	0.01	472	343	0.01	400	75	75	75
Manzoni Bianco	W	2259	0.05	194	725	0.02	316	331	0.01	402	-1032	-223	-1255
Faberrebe	R	329	0.01	429	319	0.01	444	316	0.01	405	97	221	319
Quebranta	R	0	0.00	979	329	0.01	436	328	0.01	406	329	-2	328
Generosa	W	930	0.02	303	503	0.01	375	325	0.01	407	-427	-178	-605
Carmem	R	1658	0.03	222	3037	0.07	148	323	0.01	410	1379	-2715	-1336
Norton	R	249	0.01	465	319	0.01	443	319	0.01	411	70	0	70
Tortosi	W	2259	0.05	194	725	0.02	316	319	0.01	412	-1534	-406	-1940
Saperavi Severny	R	329	0.01	429	319	0.01	444	316	0.01	413	-9	-4	-13
Mavrodafni	R	0	0.00	979	329	0.01	436	328	0.01	406	329	-2	328
Falanghina	W	249	0.01	465	319	0.01	443	319	0.01	411	70	0	70
Mtsvane Kakheti	W	2259	0.05	194	725	0.02	316	319	0.01	412	-1534	-406	-1940
Crouchien	R	329	0.01	429	319	0.01	444	316	0.01	413	-9	-4	-13
Erbaulice	R	0	0.00	979	329	0.01	436	328	0.01	406	329	-2	328
Cabernet Mitos	W	930	0.02	303	503	0.01	375	325	0.01	407	-427	-178	-605
Iordan	R	25	0.00	710	350	0.01	424	325	0.01	408	325	-25	300
Manto Negro	R	537	0.01	377	345	0.01	432	324	0.01	409	-192	-20	-213
Abouriou	R	1658	0.03	222	3037	0.07	148	323	0.01	410	1379	-2715	-1336
Citronny Magarach	W	249	0.01	465	319	0.01	443	319	0.01	411	70	0	70
Camaralat de Lasseube	W	691	0.01	333	520	0.01	365	306	0.01	419	-171	-214	-385
Arkadia	W	0	0.00	979	329	0.01	436	328	0.01	406	329	-2	328

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Muscat Fleur d'Oranger	W	36	0.00	675	91	0.00	637	299	0.01	421	55	208	263	150	228
Agronomica	R	19	0.00	742	327	0.01	439	299	0.01	422	308	-28	280	1612	-9
Tamarez	W	585	0.01	360	343	0.01	433	298	0.01	423	-243	-45	-287	-41	-13
Băbească Neagră (G)	R	307	0.01	435	328	0.01	438	297	0.01	424	-30	-31	-11	-9	-49
Raboso Veronese	R	405	0.01	404	406	0.01	465	295	0.01	425	-112	-110	0	-27	-27
Ezerfűtű	W	148	0.00	515	504	0.01	402	295	0.01	426	2	-20	240	-42	97
Podarok Magaracha	W														
Brandam															
Dunkelfelder	R	280	0.01	448	356	0.01	422	291	0.01	429	76	-65	11	27	4
Pascale	R	1573	0.03	231	375	0.01	411	289	0.01	430	-1198	-86	-1284	-76	-82
Goruli Mtsvane	W	224	0.00	475	287	0.01	458	287	0.01	431	63	0	28	0	28
Trebbiano Modenesse	W	583	0.01	361	363	0.01	417	287	0.01	432	-221	-75	-296	-38	-51
Mondeuse Noire	R	1404	0.03	246	303	0.01	455	287	0.01	433	-1101	-16	-1117	-78	-80
Egioldola	R	315	0.01	433	349	0.01	426	285	0.01	434	34	-64	-30	11	-9
Mustoasă de Măderat	W														
Aleksandrouli	R	219	0.00	476	281	0.01	463	281	0.01	436	62	0	28	0	28
Argaman	R	202	0.00	483	202	0.00	518	275	0.01	437	0	73	0	36	36
Cabernet Dorsa	R	43	0.00	655	252	0.01	486	272	0.01	438	209	20	229	485	8
Vidvizhenets	W													0	0
Cascaulho	R														
Roobernet	R	78	0.00	590	139	0.00	571	269	0.01	440	2	1	1	247	
Şarbă	W														
Cerceal Branco	W	597	0.01	358	379	0.01	410	261	0.01	443	-218	-118	-337	-31	-56
Maticha	W	354	0.01	419	311	0.01	449	257	0.01	444	-43	-54	-97	-17	-27
Portian	R	368	0.01	415	264	0.01	477	256	0.01	445	-103	-9	-112	-28	-30
Aurore	W	299	0.01	439	268	0.01	473	255	0.01	446	-31	-13	-44	-10	-15
Gamay Teinturier de Bouze	R	318	0.01	432	278	0.01	464	255	0.01	447	-40	-23	-64	-13	-20
Lacrima di Morro d'Alba	R	652	0.01	339	421	0.01	397	252	0.01	448	-231	-169	-400	-35	-61
Pinot Noir Précoce	R	85	0.00	578	273	0.01	468	251	0.01	449	188	-22	166	220	-8
Lagrein	R	471	0.01	389	718	0.02	319	251	0.01	450	247	-467	-220	52	-47
Moristel	R														
Vernaccia di Oristano	W	565	0.01	369	272	0.01	470	246	0.01	452	293	-26	-320	-52	-57
Red Globe	R	2113	0.04	204	242	0.01	492	242	0.01	453	-1871	0	-1871	0	-89
Vignoles	W	68	0.00	612	254	0.01	484	241	0.01	454	186	-13	172	272	-5
Traminer	W	5	0.00	849	240	0.01	494	239	0.01	455	235	0	235	4839	0
Campbell Early	R	43	0.00	656	61	0.00	713	238	0.01	456	18	177	195	43	459
Schiava	R	1231	0.03	263	517	0.01	367	236	0.01	457	-714	-281	-995	-58	-81
Elvira	W	344	0.01	423	263	0.01	478	231	0.01	458	-81	-32	-113	-23	-33

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Fiesta	W	161	0.00	508	230	0.00	499	230	0.01	459	69	69	43	0	43
Garanoir	R	76	0.00	594	216	0.00	506	229	0.01	460	140	13	153	186	6
Marechal Foch	R	173	0.00	496	356	0.01	421	229	0.01	461	183	-127	56	106	-36
Kodrińskii	R	5	0.00	843	5	0.00	1084	229	0.01	462	0	224	0	4475	32
Doina	R	227	0.00	502	227	0.01	463	0	0	464	65	-132	-67	22	-23
Altesse	W	294	0.01	444	359	0.01	419	227	0.01	464	65	-132	-67	22	-37
Lacrima Christi	R	85	0.00	649	226	0.01	465	226	0.01	466	141	141	165	165	4475
Zengő	W	365	0.01	416	264	0.01	476	226	0.01	467	-115	-26	-141	-32	-15
Bouvier	W	1092	0.02	281	550	0.01	359	222	0.00	468	-542	-328	-871	-50	-39
Moravia Agraria	R	106	0.00	552	211	0.00	510	219	0.00	469	105	8	113	99	-80
Malbo Gentile	R	108	0.00	549	212	0.00	509	217	0.00	470	104	6	110	97	106
Cayuga White	W	160	0.00	550	217	0.00	471	217	0.00	471	56	56	35	35	102
Rösler	R	399	0.01	406	423	0.01	395	215	0.00	473	24	-208	-184	6	-46
Prezentabil	W	162	0.00	507	135	0.00	576	212	0.00	474	77	77	57	57	30
Abrusco	R	167	0.00	503	262	0.01	479	212	0.00	475	100	-51	49	62	27
Frontenac	R	1837	0.04	212	348	0.01	427	212	0.00	476	181	-136	45	109	-88
Fokiano	R	1461	0.03	237	1914	0.04	190	209	0.00	477	-1456	-170	-1626	-79	-86
Parralata	R	122	0.00	531	175	0.00	537	204	0.00	478	453	-1705	-1252	31	-86
Afus Ali	W	296	0.01	441	276	0.01	466	204	0.00	480	53	29	82	43	-31
Terrano	W	260	0.01	457	563	0.01	354	200	0.00	481	-20	-72	-92	-7	-26
Pölöskei Muskotály	W	258	0.01	459	199	0.00	527	198	0.00	482	203	0.00	-52	-20	-31
Papazkarasi	R	570	0.01	366	460	0.01	482	203	0.00	483	303	-363	-60	117	-23
Dona Branca	W	152	0.00	510	195	0.00	523	195	0.00	484	392	0.00	484	-248	-55
Danlass	W	61	0.00	622	172	0.00	540	192	0.00	485	521	198	0.00	485	4
Noah	W	152	0.00	510	195	0.00	523	195	0.00	486	516	197	0.00	487	-23
Kraljevina	W	256	0.01	461	217	0.00	505	197	0.00	488	-174	-8	-182	-46	-48
Viktoria Gyöngye	R	144	0.00	518	118	0.00	524	191	0.00	493	185	0.00	496	-26	-66
Roter Veltliner	R	152	0.00	510	195	0.00	523	195	0.00	491	43	0	43	28	28
Menu Pineau	W	61	0.00	622	172	0.00	540	192	0.00	492	111	20	131	183	215
Uva Rara	R	152	0.00	510	195	0.00	524	191	0.00	493	185	0.00	496	-26	-66
Concord Clone 30	R	186	0.00	530	195	0.00	490	195	0.00	490	9	9	28	0	28
Juhfark	W	152	0.00	510	195	0.00	523	195	0.00	491	43	0	43	11	215
Tsuhukidzis Tetra	W	61	0.00	622	172	0.00	540	192	0.00	492	111	20	131	183	-2
Arvine	R	256	0.01	461	217	0.00	505	185	0.00	495	-38	-71	-71	-15	-28
Tinta de Pegoes	R	144	0.00	518	118	0.00	591	185	0.00	496	66	40	-18	56	28
Žilavka	W	152	0.00	510	195	0.00	523	195	0.00	494	43	0	43	28	28
Refosco di Faedis	R	256	0.01	461	217	0.00	505	185	0.00	495	-38	-71	-71	-15	-28
Fintendo	R	144	0.00	518	118	0.00	591	185	0.00	496	66	40	-18	56	28

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2016		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Changes %	Change (ha)	Changes %	Change (ha)	Changes %
Bellone	W	1315	0.03	256	511	0.01	370	184	0.00	497	-804	-327	-1131	-61	-64	-86
Turán	R				177	0.00	535	183	0.00	498		6		3		
Rübea	R				81	0.00	658	181	0.00	499		100		123		
Bastardo Magarachsky	R	1969	0.04	209	2370	0.05	171	180	0.00	500	401	-2190	-1789	20	-92	-91
Verdello	W	662	0.01	335	287	0.01	459	179	0.00	501	-374	-108	-482	-57	-38	-73
Enantio	R	1062	0.02	287	724	0.02	317	178	0.00	502	-338	-547	-884	-32	-75	-83
Emerald Riesling	W	937	0.02	301	508	0.01	371	177	0.00	503	-428	-331	-759	-46	-65	-81
Linnio	R	95	0.00	565	372	0.01	413	176	0.00	504	277	-196	81	292	-53	85
Csaba Gyöngye	W				89	0.00	638	175	0.00	505		86		96		
Crystal	W	1	0.00	926	175	0.00	538	175	0.00	506	173	0	173	0	12393	0
Rome	R	2	0.00	914	297	0.01	456	172	0.00	507	295	-125	171	18697	-42	10795
Praca	W				166	0.00	544	169	0.00	508		3		2		
Tsvetochny	W				169	0.00	542	169	0.00	509		0		0		
Marquette	R				88	0.00	640	166	0.00	510		79		90		
Montils	W	131	0.00	522	164	0.00	546	165	0.00	511	33	1	34	25	1	26
Aleatico	R	458	0.01	391	346	0.01	429	165	0.00	512	-112	-181	-293	-24	-52	-64
Schiava Gentile	R	1158	0.02	274	694	0.02	325	165	0.00	513	-465	-529	-994	-40	-76	-86
Rossese	R	232	0.00	471	312	0.01	447	164	0.00	514	80	-148	-68	34	-47	-29
Pretó Martinho	R	428	0.01	400	163	0.00	548	163	0.00	515	-265	-1	-265	-62	-1	-62
Valbon	R				166	0.00	545	162	0.00	516		-3		-2		
Folgasao	W	409	0.01	403	182	0.00	533	162	0.00	517	-227	-19	-246	-56	-11	-60
Avarengo	R	1453	0.03	238	987	0.02	274	153	0.00	518	-466	-834	-1300	-32	-84	-89
Robola	W	359	0.01	417	471	0.01	384	152	0.00	519	111	-319	-207	31	-68	-58
Plavaić	W				209	0.00	513	152	0.00	520		-57		-27		
Bonanico	R	336	0.01	427	233	0.01	497	149	0.00	521	-103	-84	-187	-31	-36	-56
Cornalin	R	93	0.00	568	256	0.01	481	147	0.00	522	163	-109	54	175	-43	58
Amur	R				146	0.00	563	146	0.00	523		0		0		
Lakhegyi Mézes	W	567	0.01	367	306	0.01	454	145	0.00	524	-261	-160	-421	-46	-52	-74
Castelino	R				147	0.00	560	144	0.00	525		-3		-2		
Giro Nero	R	537	0.01	376	200	0.00	520	144	0.00	526	-338	-56	-393	-63	-28	-73
Stepnyak	W				144	0.00	564	144	0.00	527		0		0		
Black Queen	R	566	0.01	368	713	0.02	321	143	0.00	528	147	-570	-423	26	-80	-75
Gamay Teinturier de Chaudenay	R	267	0.01	453	157	0.00	553	142	0.00	529	-109	-15	-125	-41	-10	-47
Negrul Yaloven	R	15	0.00	766	15	0.00	936	141	0.00	530	0	126	126	0	842	842
Ribol	R				147	0.00	562	141	0.00	531		-6		-4		
Terret Noir	R	370	0.01	414	143	0.00	566	139	0.00	532	-226	-5	-231	-61	-3	-62
Callet	R	151	0.00	511	154	0.00	554	138	0.00	533	3	-16	-12	2	-10	-8
Servant	W	530	0.01	379	183	0.00	531	138	0.00	534	-348	-45	-392	-66	-24	-74

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Rouge du Pays	R	291	0.01	445	282	0.01	462	132	0.00	535	-9	-150	-3	-53	-54
Encruzado	W	114	0.00	543	105	0.00	613	129	0.00	536	-9	-24	-8	23	13
Prensal	W	66	0.00	617	72	0.00	681	128	0.00	538	5	56	8	78	93
Yalovenskii Ustoichivyi	W	79	0.00	587	272	0.01	469	126	0.00	540	193	-146	47	244	60
Pinella	R	23	0.00	721	182	0.00	532	126	0.00	542	160	-57	103	700	-31
Valdiguié	R	1501	0.03	235	508	0.01	372	125	0.00	543	-993	-383	-1376	-66	-75
Millot-Foch	W	143	0.00	519	210	0.00	512	124	0.00	544	67	-86	-19	46	-41
Malagousia	R	216	0.00	480	239	0.01	496	124	0.00	545	23	-115	-92	11	-48
Nerello Cappuccio	R	625	0.01	348	316	0.01	445	123	0.00	546	-36	-36	-22	-80	-80
Vernentino Nero	W	118	0.00	537	105	0.00	612	123	0.00	547	-308	-193	-501	-49	-61
Trinadeira das Pratas	R	19	0.00	747	129	0.00	585	123	0.00	550	111	-7	104	597	-5
Medina	R	31	0.00	687	114	0.00	596	122	0.00	551	83	8	91	266	7
Carmelian	R	93	0.00	468	200	0.00	519	121	0.00	552	-42	-79	-17	-39	-50
Rotgipfler	W	1	0.00	570	128	0.00	588	121	0.00	553	35	-7	28	37	-5
Panyati Negrulya	R	49	0.00	959	15	0.00	931	120	0.00	554	15	105	120	2698	30
Timorasso	W	242	0.00	645	113	0.00	598	120	0.00	555	111	-7	104	597	561
Diolinoir	R	93	0.00	645	247	0.01	489	120	0.00	557	-72	-127	-199	-23	291
Trebbiano Spoletino	W	1	0.00	959	15	0.00	931	120	0.00	558	-242	-12	-254	-65	-68
Picolit	R	49	0.00	397	81	0.00	662	118	0.00	559	38	38	72	72	47
Petit Bouschet	W	319	0.01	431	247	0.01	489	118	0.00	560	-1	-1	-1	-1	-1
Canada Muscat	R	374	0.01	413	132	0.00	583	119	0.00	561	0	0	0	0	0
Asprouta	W	433	0.01	431	81	0.00	594	115	0.00	562	5	5	5	4	4
Reichensteiner	W	318	0.01	431	118	0.00	590	118	0.00	563	-70	-67	-137	-28	-55
Neretta Cuneese	R	49	0.00	645	115	0.00	594	115	0.00	564	114	0.00	564	-320	6
Solaris	W	433	0.01	431	132	0.00	583	119	0.00	565	-72	-127	-199	-23	-72
Zéta	W	319	0.01	431	81	0.00	662	118	0.00	566	-242	-12	-254	-65	-63
Riesus	W	374	0.01	413	118	0.00	590	118	0.00	567	-12	-254	-65	-9	-68
Spergola	W	251	0.01	464	181	0.00	534	114	0.00	568	38	38	72	72	47
Barbera Bianca	R	2295	0.05	192	1428	0.03	219	113	0.00	569	-70	-67	-137	-28	-55
Coarná Neagră	R	516	0.01	381	310	0.01	450	113	0.00	570	114	0.00	570	-320	-72
Moschomavro	W	1453	0.03	239	764	0.02	309	112	0.00	571	56	0	55	102	101
Malvasia di Lipari	R	199	0.00	484	134	0.00	580	112	0.00	572	33	0	33	43	43
Herbemont	W	55	0.00	634	110	0.00	603	110	0.00	573	56	0	55	102	101
Heroldrebe	R	77	0.00	591	110	0.00	605	110	0.00	574	33	0	33	43	43
Johanniter	W	5	0.00	1086	110	0.00	570	105	0.00	575	105	0	55	102	101
Tempranillo (W)	R	55	0.00	634	110	0.00	603	110	0.00	576	33	0	33	43	43
Malvasia Branca de Sao Jorge	W	77	0.00	591	110	0.00	605	110	0.00	577	33	0	33	43	43
Maiski Chernyi	R	55	0.00	634	110	0.00	603	110	0.00	578	33	0	33	43	43

Table 6 (cont.): Global ranking of prime wine grape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	2000		2010		2016		2010-2000		2016-2010		2010-2000		2016-2010	
	Col	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %
Biborkadarka	R	202	0.00	482	136	0.00	575	109	0.00	573	-67	-26	-93	-19
Coloraillo	R	614	0.01	350	374	0.01	412	109	0.00	574	-240	-265	-505	-71
Pallagrello Nero	R	834	0.02	316	54	0.00	541	107	0.00	575	-63	-78	-93	-37
Korinthiaki	G	98	0.00	562	117	0.00	592	106	0.00	576	-780	52	-728	-96
Zierfandler	R	219	0.00	477	174	0.00	539	103	0.00	579	-45	-71	-116	-7
Lambrusco Oliva	W	6	0.00	834	103	0.00	617	103	0.00	580	96	0	96	1506
Rieslina	R	186	0.00	487	91	0.00	636	102	0.00	581	-95	11	-84	-45
Complexa	G	167	0.00	502	131	0.00	584	102	0.00	582	-36	-29	-65	-39
De Chaunac	R	46	0.00	651	100	0.00	622	100	0.00	583	54	0	54	118
Siegerrebe	R	98	0.00	563	107	0.00	607	99	0.00	584	10	-9	1	1
Ruche	R	309	0.01	434	140	0.00	570	98	0.00	585	-3	-3	-30	-68
Malvasia di Casorzo	R	4090	0.08	130	197	0.00	522	95	0.00	587	-42	-211	-55	-52
Lival	W	77	0.00	672	94	0.00	588	94	0.00	589	-490	1	-489	-84
Goldburger	R	582	0.01	362	92	0.00	634	93	0.00	590	-241	-4	-245	-72
Albarola	R	338	0.01	426	97	0.00	627	93	0.00	591	-13	-3	-16	-14
La Crescent	R	108	0.00	547	95	0.00	628	93	0.00	592	88	-32	55	150
Amaral	R	37	0.00	673	125	0.00	589	92	0.00	593	-44	-328	-32	-32
Royalty	R	166	0.00	505	141	0.00	568	91	0.00	595	33	33	33	55
Bouchales	R	58	0.00	629	107	0.00	608	91	0.00	596	-25	-50	-75	-36
Rebo	R	105	0.00	554	94	0.00	630	90	0.00	597	49	-16	33	-15
Casavecchia	R	194	0.00	525	91	0.00	594	92	0.00	598	-10	-4	-14	-13
Frontenac (G)	R	295	0.01	442	307	0.01	452	90	0.00	600	12	-217	-205	-45
Jubileum 75	R	11	0.00	791	95	0.00	629	90	0.00	601	84	-5	756	-5
Nasco	R	48	0.00	648	69	0.00	691	89	0.00	602	21	20	41	85
Nieddera	W	480	0.01	387	688	0.01	326	89	0.00	603	207	-599	-392	-82
Vespaiola	W	93	0.00	567	154	0.00	555	87	0.00	604	2	2	2	-15
Chardonne	R	103	0.00	557	134	0.00	579	88	0.00	605	31	-47	-16	-6
Poulard	R	41	0.00	661	91	0.00	635	86	0.00	608	50	-6	45	110
Chasselas (R)	R	17	0.00	751	102	0.00	619	85	0.00	609	85	-16	69	507
Adakarasi	R	306	0.01	436	106	0.00	610	85	0.00	610	-200	-21	-220	-65
Emir	W	29	0.00	520	144	0.00	565	90	0.00	599	-54	-37	-71	-69
Padeiro	R	10	0.00	544	140	0.00	574	91	0.00	600	12	-217	-205	4
Vespolina	R	10	0.00	551	134	0.00	579	88	0.00	604	2	2	2	-15
Schioppettino	R	10	0.00	567	154	0.00	555	87	0.00	606	61	-67	-6	-6
Rabo de Anho	R	10	0.00	623	99	0.00	623	86	0.00	607	-14	-14	-14	-14
Plassa	R	10	0.00	635	91	0.00	635	86	0.00	608	50	-6	45	124
Léon Millot	R	10	0.00	619	102	0.00	619	85	0.00	609	85	-16	69	507
Sercial	W	10	0.00	610	85	0.00	610	85	0.00	610	-200	-21	-220	-65

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Change (ha)	Change %	Changes (%)	
Canari Noir	R	218	0.00	479	163	0.00	549	84	0.00	611	-55	-79	-135	-25	-49	-62
Caddiu	R	978	0.02	295	309	0.01	451	83	0.00	612	-669	-225	-894	-68	-73	-91
Baroque	W	169	0.00	499	94	0.00	631	83	0.00	613	-75	-11	-85	-44	-11	-51
Ehrenfelsser	W	289	0.01	446	113	0.00	599	82	0.00	614	-176	-30	-207	-61	-27	-72
Plavec Žuti	W	348	0.01	422	192	0.00	957	82	0.00	615	69	69	533	533	533	533
San Giuseppe Nero	R	181	0.00	490	89	0.00	639	82	0.00	617	-92	-7	-98	-51	-8	-55
Malvasia di Schierano	R	418	0.01	402	481	0.01	381	81	0.00	618	0	0	0	0	0	0
Rubin Golodrigi	W	580	0.01	363	228	0.00	501	80	0.00	619	62	-399	-337	15	-83	-81
Monemvassia	W	28	0.00	838	81	0.00	620	81	0.00	620	53	53	187	187	187	187
Blanc du Bois	R	84	0.00	653	81	0.00	621	81	0.00	621	-2	-2	-205	-536	-54	-3
Prima	W	617	0.01	349	286	0.01	460	81	0.00	622	-331	-205	-536	-54	-72	-87
Drupeggio	R	179	0.00	491	151	0.00	558	80	0.00	623	-28	-71	-99	-15	-47	-55
Pedral	R	580	0.01	363	228	0.00	501	80	0.00	624	-351	-149	-500	-61	-65	-86
Perricone	W	81	0.00	660	79	0.00	626	79	0.00	625	-28	-25	-53	-21	-2	-40
Luisa Blanca	R	132	0.00	521	104	0.00	614	79	0.00	627	-28	-25	-53	-21	-24	-64
Labrusco	R	219	0.00	478	326	0.01	440	78	0.00	628	108	-248	-141	49	-76	-76
Gamay Teinturier Freaux	R	69	0.00	609	128	0.00	586	77	0.00	629	0	0	0	0	0	0
Giropello Gentile	R	980	0.02	294	586	0.01	348	77	0.00	630	59	-51	8	85	-40	12
Dekabrkii	W	75	0.00	675	77	0.00	675	77	0.00	632	1	1	-403	-87	-87	-92
Caiño Blanco	W	262	0.01	454	78	0.00	671	76	0.00	633	-1	-1	-186	-70	-70	-71
Coda di Volpe Bianca	R	750	0.02	325	61	0.00	668	76	0.00	634	-184	-3	-186	-70	-70	-71
Tinta Aguiar	R	115	0.00	606	84	0.00	676	74	0.00	636	76	0.00	635	1	1	1
Agná Santa	R	166	0.00	506	86	0.00	650	73	0.00	637	-11	3	20	-13	-13	-4
Terret Gris	W	15	0.00	765	79	0.00	648	72	0.00	638	14	-80	-14	-94	-16	-57
Seyval Noir	R	750	0.02	325	61	0.00	667	71	0.00	640	64	-8	56	420	-10	369
Zelen	W	115	0.00	595	70	0.00	679	69	0.00	641	-689	9	-680	-92	15	-91
Novac	R	326	0.01	430	84	0.00	651	70	0.00	643	-242	-14	-256	-74	-74	-79
Rieslaner	W	5	0.00	851	80	0.00	664	70	0.00	645	75	-10	65	1582	-13	1362
Incrocio Manzoni 2.15	R	81	0.00	583	72	0.00	679	69	0.00	646	-8	-3	-11	-10	-4	-14
Chatus	R	103	0.00	556	70	0.00	688	69	0.00	647	-34	-1	-34	-32	-1	-33
Königin der Weingärten	R	40	0.00	663	101	0.00	620	68	0.00	648	61	-33	28	153	71	71

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %
Dakapo	R	51	0.00	747	68	0.00	649	18	-16	-32	-16	-19	-35
Petit Rouge	R	100	0.00	560	84	0.00	650	-16	-32	-118	-47	-32	-32
Theronia	W	185	0.00	488	99	0.00	624	-86	-32	5	5	-64	-64
Aromat de Iasi	W				62	0.00	710	66	0.00	652	5	7	7
Tintilia del Molisse	R			111	0.00	601	66	0.00	653	-45	-45	-41	-41
Dostoiniy	R			65	0.00	702	65	0.00	654	0	0	0	0
L'Acadie Blanc	W						65	0.00	655	-112	-15	-59	-66
Nosiola	W	191	0.00	485	79	0.00	665	65	0.00	656	11	-18	10
Donzelinho Branco	W	59	0.00	628	65	0.00	701	64	0.00	657	-1	-1	10
Tinta Bragao	R				63	0.00	708	64	0.00	658	1	2	2
Cabernet Cubin	R				60	0.00	715	62	0.00	659	2	4	4
Mourisco de Semente	R				60	0.00	714	61	0.00	660	1	1	1
Segalini	R	54	0.00	638	65	0.00	703	61	0.00	661	11	-4	13
Menoir	R				65	0.00	699	61	0.00	662	-5	-6	-7
Vertzami	R	491	0.01	385	335	0.01	435	60	0.00	663	-156	-275	-88
Sciascinoso	R	253	0.01	462	94	0.00	632	59	0.00	664	-159	-34	-77
Aladasturi	R	46	0.00	650	59	0.00	718	59	0.00	665	13	0	28
Lambrusco Viadanese	R	277	0.01	451	240	0.01	493	59	0.00	666	-37	-182	-79
Lambrusca di Alessandria	R	888	0.02	307	137	0.00	573	58	0.00	667	-751	-79	-93
Nero Buono di Cori	R	114	0.00	542	135	0.00	577	58	0.00	668	21	-77	-49
Mazzese	R	80	0.00	585	76	0.00	673	57	0.00	669	-4	-19	-25
Tinta Francisca	R				53	0.00	739	55	0.00	670	2	5	-28
Flame Seedless	R	548	0.01	371	55	0.00	726	55	0.00	671	-493	0	-90
Kishmish Luchistyj	G						55	0.00	672	-23	-5	-5	-25
Marzemina Bianca	W	78	0.00	589	54	0.00	733	55	0.00	673	-24	0	-30
Lambrusco	R	42	0.00	659	45	0.00	765	54	0.00	674	4	9	31
Rose du Var	G	129	0.00	525	56	0.00	723	54	0.00	675	-73	-1	-58
Buketttraube	W	280	0.01	447	71	0.00	685	54	0.00	676	-210	-16	-81
Arribolla	W	59	0.00	627	55	0.00	729	54	0.00	677	-4	0	-23
Malaga Blanc	W	11	0.00	789	16	0.00	922	54	0.00	678	5	38	234
Grossa	R				73	0.00	677	54	0.00	679	-19	-19	378
Zgħiharja de Huši	W				87	0.00	643	54	0.00	680	-33	-38	-26
Würzer	W	108	0.00	548	70	0.00	687	54	0.00	681	-38	-16	-50
Garrido Fino	W	174	0.00	495	59	0.00	719	54	0.00	682	-115	-5	-69
Tinta Penajoia	R				53	0.00	740	53	0.00	683	0	-66	-9
Hrvatica	R	245	0.01	466	116	0.00	593	53	0.00	684	-129	-63	-54
Concieira	R				52	0.00	742	53	0.00	685	1	-191	-78
Nobling	W	102	0.00	559	1	0.00	1246	52	0.00	686	-101	51	-49

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %
Verdiso	W	71	0.00	603	68	0.00	694	52	0.00	687	-4	-15	-5
Fonte Cal	W	355	0.01	418	111	0.00	602	52	0.00	688	-244	-59	-23
Magliocco Dolce	R	243	0.00	467	87	0.00	644	51	0.00	689	-157	-35	-53
Folignan	W	42	0.00	658	51	0.00	746	51	0.00	690	0	0	-85
Vitovska	W	18	0.00	748	93	0.00	751	51	0.00	691	8	1	-79
Rondo	R	1190	0.02	270	1191	0.03	248	50	0.00	694	1	9	1
Pignolo	R	131	0.00	524	57	0.00	750	50	0.00	695	0	0	21
Golden Muscat	W	88	0.00	574	82	0.00	657	50	0.00	696	-43	32	-41
Fioletovy Ranny	R	15	0.00	769	87	0.00	642	50	0.00	697	-1141	407	-96
Verdil	W	295	0.01	443	43	0.00	773	50	0.00	698	0	0	172
Bosco	R	34	0.00	803	49	0.00	721	50	0.00	699	-1140	0	-96
Gösejji Zamatos	W	28	0.00	697	55	0.00	725	50	0.00	700	-74	-46	-43
Seignoir	R	68	0.00	614	55	0.00	727	49	0.00	701	-6	-38	-39
Kéknyelü	W	129	0.00	526	108	0.00	606	45	0.00	702	-6	-32	-43
Mátrai Muskotály	R	176	0.00	493	25	0.00	761	44	0.00	703	-107	-139	-10
Bailey	R	107	0.00	551	46	0.00	762	46	0.00	704	-11	-17	-26
Rossignola	R	36	0.00	676	67	0.00	697	49	0.00	705	-11	-15	-13
Trincadeiro Branco	W	24	0.00	715	67	0.00	703	49	0.00	706	-11	-139	-43
Madeleine × Angevine 7672	W	28	0.00	697	55	0.00	728	46	0.00	707	-11	-139	-35
Albarin Blanco	W	68	0.00	614	55	0.00	727	45	0.00	708	-116	-6	-35
Savagnin Rose	G	883	0.02	309	884	0.02	292	48	0.00	709	-116	-122	-11
Italica	W	178	0.00	492	367	0.01	416	47	0.00	710	-116	-6	-73
Torbatto	W	168	0.00	500	52	0.00	743	46	0.00	711	-116	-11	-73
Krakhuna	W	24	0.00	676	46	0.00	762	46	0.00	712	-116	-11	-73
Phoenix	R	28	0.00	697	55	0.00	728	46	0.00	713	-116	-11	-73
Pelaverga	R	68	0.00	614	55	0.00	727	45	0.00	714	-116	-11	-73
Tazzelenghe	R	129	0.00	526	108	0.00	707	45	0.00	715	-116	-11	-73
Duna Gyöngye	R	176	0.00	493	46	0.00	761	44	0.00	716	-116	-11	-73
Caloria	R	107	0.00	551	40	0.00	778	44	0.00	717	-116	-11	-73
St Croix	R	131	0.00	523	44	0.00	724	43	0.00	718	-116	-11	-73
Merlot Blanc	W	21	0.00	732	43	0.00	768	42	0.00	719	-116	-11	-73
Blanca Ovoide	W	34	0.00	680	37	0.00	771	42	0.00	720	-116	-11	-73
Karát	W	68	0.00	613	56	0.00	724	43	0.00	721	-87	-2	-68
Saint Jeannet	R	131	0.00	523	44	0.00	768	42	0.00	722	22	-2	-68
Merille	W	21	0.00	732	43	0.00	771	41	0.00	723	3	3	98
Amigne	W	34	0.00	680	37	0.00	790	40	0.00	724	3	3	98
Lyana	W	34	0.00	680	37	0.00	790	40	0.00	724	3	3	98
Picapoll Blanco	W	34	0.00	680	37	0.00	790	40	0.00	724	3	3	98

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Change (ha)	Change (%)	Change (ha)
Moscatel Nazareno	W	68	0.00	695	40	0.00	725	-28							-41
Verdelet	W	1	0.00	1280	40	0.00	726	39							6459
Malvasia Nera di Basilicata	R	754	0.02	324	114	0.00	597	39	0.00	727	-75	-85	-66	-95	-95
Bianco d'Alessano	W	941	0.02	300	419	0.01	398	39	0.00	728	-522	-902	-55	-91	-96
Portland	W	9	0.00	813	12	0.00	963	39	0.00	729	4	27	30	43	215
Primavera	R	40	0.00	779	39	0.00	730	-1							350
Maceratino	W	122	0.00	532	177	0.00	536	39	0.00	731	55	-138	-83	45	-68
Verdea	W	107	0.00	550	83	0.00	654	39	0.00	732	-24	-45	-69	-22	-54
Moscatto Rosa del Trentino	R	93	0.00	569	81	0.00	659	39	0.00	733	-12	-42	-55	-13	-59
Caberinata	R	85	0.00	577	69	0.00	690	38	0.00	734	-17	-30	-47	-19	-44
Cabernet Cortis	R														-55
Tyrian	R														
Vidadillo	R														
Optima	W	239	0.00	469	65	0.00	704	38	0.00	738	-174	-27	-201	-73	-84
Chancellor	R	27	0.00	702	49	0.00	753	38	0.00	739	23	-12	11	85	-24
Tavkeri	R	29	0.00	693	37	0.00	788	37	0.00	740	8	0	8	28	0
Landal	R	16	0.00	760	43	0.00	772	37	0.00	741	27	-6	21	172	28
St Pepin	W														135
Golubok	R	50	0.00	644	87	0.00	641	37	0.00	743	37	-50	-13	74	-57
San Michele	R	120	0.00	534	57	0.00	722	37	0.00	744	-63	-20	-83	-53	-26
Lumassina	W	111	0.00	546	98	0.00	626	37	0.00	745	-13	-61	-74	-12	-69
Museat Swenson	W														
Doral	W	3	0.00	876	27	0.00	846	35	0.00	747	24	8	33	872	32
Schönburger	G	39	0.00	667	68	0.00	692	35	0.00	748	29	-33	-4	75	-48
Negreto	R	280	0.01	449	75	0.00	674	35	0.00	749	-204	-40	-245	-73	-10
Yamabudo	R														
Lora	W														
Grechetto Rosso	R	111	0.00	545	49	0.00	756	35	0.00	752	-62	-14	-76	-56	-69
Carriacante	W	252	0.01	463	205	0.00	517	35	0.00	753	-47	-170	-217	-19	-86
Steuben	R														
Galotta	R														
Cabernet Dorio	R														
Branco Gouveas	W														
Morava	W														
Jampal	W	127	0.00	527	71	0.00	683	34	0.00	759	-57	-37	-94	-44	-52
Donzelinho Tinto	R														
Biancone di Portoferraio	W	67	0.00	616	78	0.00	670	34	0.00	761	11	-44	-33	16	-57
Semidano	W	48	0.00	647	36	0.00	792	34	0.00	762	-12	-3	-15	-25	-30

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Changes (%)	Changes (%)	
Vitovska Grjanja	W	134	0.00	520	34	0.00	805	33	0.00	763	-100	-1	-101	-75	
Centurian	R	339	0.01	425	79	0.00	666	33	0.00	764	-260	-46	-306	-58	
Chenel	W	14	0.00	773	33	0.00	814	33	0.00	766	19	0	140	0	
Caracol	W	72	0.00	602	34	0.00	808	33	0.00	767	-38	-1	-39	-3	
Ramisco	R	277	0.01	450	356	0.01	423	33	0.00	768	78	-323	-245	28	
Pampanganuto	W	47	0.00	649	43	0.00	770	32	0.00	769	-4	-11	-15	-9	
Courbu Blanc	W	19	0.00	741	54	0.00	786	32	0.00	770	-5	-5	-11	-25	
Ora	W												-14	-32	
Pollera Nera	R												-41	68	
Kuban	R														
Ojaleshi	R	25	0.00	709	32	0.00	816	32	0.00	773	7	0	7	28	
Malvasia Bianca di Basilicata	W	875	0.02	310	210	0.00	511	32	0.00	774	-665	-178	-843	-76	
Rathay	R													-96	
Ferral	R	48	0.00	646	30	0.00	823	31	0.00	775	23	23	23	265	
Podarok Zaporožju	W													-35	
Prunesta	R	92	0.00	571	36	0.00	795	31	0.00	777	-56	-5	-62	-61	
Magna	R													-67	
Kreaca	W														
Aglianico	R	148	0.00	514	62	0.00	709	30	0.00	780	-86	-32	-118	-58	
Kabar	W													-80	
Barkhatnyi	W														
Tinta Pomar	R														
Trebbianina	W														
Arnsburger	W	3	0.00	871	30	0.00	824	29	0.00	786	27	-1	26	913	
Barbaroux	G	79	0.00	586	30	0.00	828	29	0.00	787	-49	-1	-50	-62	
Gargiulo 2539	R	69	0.00	610	49	0.00	757	29	0.00	788	-20	-20	-40	-40	
Uva Tosca	R	84	0.00	580	71	0.00	684	29	0.00	789	-13	-42	-54	-59	
Humagne	W	9	0.00	811	30	0.00	825	29	0.00	790	21	-1	20	241	
Manseng Noir	R	10	0.00	797	32	0.00	819	29	0.00	791	22	-3	19	211	
Verdelho Tinto	R	1	0.00	957	28	0.00	839	29	0.00	792	28	0	28	4673	
Rossola Nera	R	102	0.00	558	86	0.00	645	29	0.00	793	-16	-58	-74	-16	
Fredonia	R	86	0.00	575	37	0.00	791	28	0.00	794	-49	-8	-57	-23	
Kakotrygis	W													-67	
Kanzler	W	53	0.00	640	33	0.00	813	28	0.00	796	-20	-5	-25	-73	
Madrasa	R	20	0.00	739	28	0.00	840	28	0.00	797	8	0	8	43	
Pignola Valtellinese	R	70	0.00	607	49	0.00	758	28	0.00	798	-21	-42	-31	-43	
Kishmish Moldavskii	R													-60	
Albaranzeuli Nero	R	40	0.00	665	49	0.00	754	28	0.00	800	10	-22	-12	-44	
														-31	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Changes %	Changes %
ZeusZ	W	28	0.00	843	27	0.00	801	0	0	0	0	0	0
Cabernet Jura	R	19	0.00	899	27	0.00	802	8	8	0	43	43	0
Ryngan	W	54	0.00	637	60	0.00	716	27	0.00	803	-33	-27	11
Alcañón	W	27	0.00	699	35	0.00	801	27	0.00	804	6	-8	0
Scuppernong	W	31	0.00	822	27	0.00	805	7	0.00	807	-4	-22	-1
Vega	W	34	0.00	682	23	0.00	841	27	0.00	808	-1	-7	-14
Thapsathiri	W	5	0.00	850	27	0.00	880	26	0.00	809	-11	4	-4
Admirable de Courtillier	W	34	0.00	682	23	0.00	845	26	0.00	810	22	-1	-22
Barcelo	R	61	0.00	623	47	0.00	760	26	0.00	811	22	461	-2
Valenci Tinto	R	61	0.00	623	24	0.00	866	26	0.00	812	-14	-34	-44
Frontenac (W)	R	20	0.00	736	26	0.00	857	26	0.00	813	2	-23	-57
Sgavetta	R	85	0.00	579	26	0.00	852	26	0.00	814	1	-44	8
Codană	R	85	0.00	579	26	0.00	853	26	0.00	815	6	28	0
La Crosse	W	85	0.00	579	26	0.00	854	26	0.00	816	6	28	0
Chkhaveri	G	24	0.00	870	26	0.00	870	26	0.00	817	-59	-69	-70
Kisi	W	0	0.00	990	64	0.00	705	26	0.00	818	2	25	7
Calitor Noir	R	0	0.00	990	10	0.00	996	25	0.00	819	64	-39	-60
Columna	W	262	0.01	455	70	0.00	686	25	0.00	820	16	45756	18175
Oberlin	R	73	0.00	598	4	0.00	1098	25	0.00	821	-191	-236	-90
Sabrevois	R	73	0.00	598	31	0.00	821	25	0.00	822	21	468	28
Lambrusco Montericco	R	2	0.00	905	24	0.00	871	25	0.00	823	-42	-6	-66
Odysseus	W	38	0.00	785	25	0.00	1098	25	0.00	824	1	-48	-20
Fumin	R	33	0.00	812	25	0.00	871	25	0.00	825	36	-57	-66
Centesimino	R	31	0.00	821	25	0.00	871	25	0.00	826	-13	23	-25
Silvaner (R)	W	24	0.00	897	25	0.00	871	25	0.00	827	5	157	7
Noiret	R	24	0.00	869	24	0.00	863	24	0.00	828	-39	-95	-80
Csillám	W	24	0.00	863	24	0.00	863	24	0.00	829	0	0	1
Groppello di Mocasina	R	21	0.00	890	24	0.00	890	24	0.00	830	-57	-32	-70
Tinta de Alcoa	R	21	0.00	890	24	0.00	875	24	0.00	831	-1	-1	139
Adirondac	R	21	0.00	890	24	0.00	875	24	0.00	832	0	109	14
Malvasia Fina Roxa	G	24	0.00	863	24	0.00	863	24	0.00	833	11	14	139
Alb Aronat	W	24	0.00	863	24	0.00	863	24	0.00	834	23	-18	-43
Goldriesling	W	21	0.00	890	24	0.00	890	24	0.00	835	-2	-9	-28
Yama Sauvignon	R	33	0.00	810	24	0.00	810	24	0.00	836	-12	-7	-33
Moore's Diamond	W	36	0.00	677	33	0.00	794	24	0.00	837	-12	-12	-34
Prie	R	36	0.00	794	23	0.00	838	23	0.00	838	0	0	0
Kármán	R	36	0.00	794	23	0.00	838	23	0.00	838	0	0	0
Sun Muscat	R	36	0.00	794	23	0.00	838	23	0.00	838	0	0	0

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Prairie Star	W	23	0.00	720	21	0.00	889	23	0.00	839	2	0	-2	1	-1
Räuschling	W	W	0.00	720	23	0.00	881	23	0.00	840	0	0	-2	1	-1
Slankamenka	W	W	0.00	900	53	0.00	737	23	0.00	841	-30	21	1108	-7	-57
Valerien	W	2	0.00	409	24	0.00	862	23	0.00	842	22	-2	21	1108	-7
Biancolella	W	385	0.01	719	164	0.00	547	23	0.00	843	-222	-141	-363	-58	1023
Molland	R	23	0.00	719	23	0.00	876	23	0.00	844	0	-1	-1	-2	-94
Manzoni Rosa	G	W	0.00	719	29	0.00	832	23	0.00	845	-7	-1	-1	-2	-3
Nektár	W	W	0.00	473	138	0.00	887	22	0.00	846	1	-7	-7	-23	5
Moscato di Terracina	W	229	0.00	572	22	0.00	847	22	0.00	847	-91	-116	-207	-40	-90
Cascade	R	R	0.00	674	42	0.00	774	21	0.00	848	22	0.00	848	2	10
Rougeon	R	36	0.00	774	42	0.00	774	21	0.00	849	6	-21	-15	17	-50
Lucie Kuhlmann	R	W	0.03	254	158	0.00	552	21	0.00	850	-1167	-137	-1304	-88	-41
Greco	W	1325	0.00	512	46	0.00	763	21	0.00	851	-104	-25	-129	-69	-86
Regner	W	150	0.00	512	12	0.00	964	21	0.00	853	8	-69	-54	-54	-86
Brianna	W	W	0.00	632	21	0.00	892	20	0.00	854	-36	0	-36	-87	-98
Hibernal	W	R	0.00	632	23	0.00	879	20	0.00	855	-36	0	-64	-1	-64
Valentino Nero	R	R	0.00	672	24	0.00	867	20	0.00	856	-3	-3	-64	-12	-12
St Vincent	W	37	0.00	672	24	0.00	867	20	0.00	857	-13	-4	-17	-36	-46
Marmajuelo	R	R	0.00	672	24	0.00	867	20	0.00	858	-13	-4	-17	-36	-46
Yamasachi	R	R	0.00	672	24	0.00	867	20	0.00	859	-13	-4	-17	-36	-46
Goethe	R	R	0.00	611	32	0.00	817	20	0.00	860	-37	-12	-49	-53	-71
Pavana	R	4	0.00	857	20	0.00	894	20	0.00	861	16	0	16	416	403
Fuella Nera	R	2	0.00	895	20	0.00	893	19	0.00	862	18	-1	17	834	781
Prunelard	R	W	0.00	599	65	0.00	700	19	0.00	863	-8	-1	-1	-71	-74
Manzoni Moscato	R	W	0.00	599	65	0.00	896	19	0.00	864	-8	-46	-54	-6	-3
Minella Bianca	R	R	0.00	599	65	0.00	700	19	0.00	865	-44	-49	-94	-40	-83
Mechta	R	W	0.00	544	68	0.00	693	19	0.00	866	-44	-49	-94	-40	-83
Goustolidi	R	40	0.00	666	19	0.00	900	19	0.00	867	-21	-1	-21	-52	-53
Plant Droit	R	53	0.00	642	34	0.00	806	19	0.00	868	-19	-15	-34	-35	-65
Neretto di Bairo	R	696	0.01	332	37	0.00	789	18	0.00	869	-659	-19	-678	-95	-97
Abbuoto	R	53	0.00	641	28	0.00	842	18	0.00	870	-25	-9	-34	-48	-65
Avana	R	W	0.00	533	34	0.00	804	18	0.00	871	-19	-16	-103	-72	-52
Guáralido	W	G	0.00	533	34	0.00	787	18	0.00	872	-87	-16	-103	-72	-47
Castelão Branco	R	R	0.01	399	16	0.00	929	18	0.00	873	-87	2	2	16	-85
Perle	W	409	0.01	904	18	0.00	904	18	0.00	875	-391	-391	-391	-391	-2
Negrul de Drăgușani	R	R	0.00	904	18	0.00	904	18	0.00	876	0	0	0	0	-2
Crâmpoșie Selecionată	W														
Folgasao Roxo	R														

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Oeillade Noire	R	96	0.00	691	18	0.00	907	18	0.00	877	-1	-11	-12	-3	-3
Molette	W	30	0.00	691	29	0.00	834	18	0.00	878	-1	-1	-12	-3	-39
Rózsakö	W	19	0.00	744	19	0.00	903	17	0.00	879	-1	-1	-9	-6	-41
Carrega Tinto	R	32	0.00	685	17	0.00	917	17	0.00	880	0	0	0	2	2
Vostorg	W	126	0.00	528	21	0.00	888	17	0.00	881	-4	-4	-4	-19	-19
Nascetta	W	8	0.00	822	11	0.00	980	16	0.00	882	-4	-4	-126	-79	-88
Negoska	R	96	0.00	564	143	0.00	567	17	0.00	883	46	46	48	48	-82
Muscardin	R	19	0.00	744	17	0.00	914	17	0.00	884	-2	0	-2	-9	-3
Saperga	R	32	0.00	685	22	0.00	883	17	0.00	885	-9	-6	-15	-29	-11
Colombana Nera	R	126	0.00	528	38	0.00	784	16	0.00	886	-88	-22	-110	-70	-48
Bakator Roz	R	120	0.00	535	16	0.00	928	16	0.00	887	1	1	1	4	-87
Tarrango	R	0	0.00	968	72	0.00	678	16	0.00	888	-48	-56	-104	-40	-78
Oseleta	R	8	0.00	822	15	0.00	940	16	0.00	889	1	1	-104	-40	-87
Tauberschwarz	W	168	0.00	501	33	0.00	809	16	0.00	890	3	5	8	38	9
Edelweiss	W	1401	0.03	247	83	0.00	655	16	0.00	891	-16	-16	-16	-49	100
Guardavalle	W	20	0.00	735	32	0.00	815	16	0.00	892	-134	-18	-152	-80	-91
Surnoll	R	95	0.00	566	24	0.00	872	16	0.00	893	-1318	-67	-1385	-94	-99
Muskat de Yaloven	W	0	0.00	968	16	0.00	924	16	0.00	894	12	-17	-4	61	-22
Mostosa	R	0	0.00	968	23	0.00	875	16	0.00	895	-71	-8	-79	-75	-84
Olivette Noire	W	74	0.00	597	25	0.00	856	15	0.00	896	16	0	15	3523	-2
Gyöngyrizling	W	117	0.00	540	14	0.00	946	15	0.00	897	-8	-8	-8	-34	-34
Grimget	W	42	0.00	657	51	0.00	748	15	0.00	898	-49	-10	-59	-66	-79
Blasius	R	11	0.00	793	53	0.00	736	15	0.00	900	43	-38	4	392	7
Hondarribi Beltza	R	117	0.00	540	51	0.00	884	15	0.00	901	-67	-35	-102	-57	40
Rollo	W	42	0.00	657	22	0.00	884	15	0.00	902	-20	-7	-27	-48	-87
Juwel	R	0	0.00	966	16	0.00	925	15	0.00	903	-14	-38	-102	-57	-64
Rubinet	W	28	0.00	836	15	0.00	904	15	0.00	907	-14	-35	-102	-48	-64
Ohanes	R	49	0.00	755	15	0.00	904	15	0.00	908	-1	-1	-14	3441	-7
Touriga Femeia	R	15	0.00	939	15	0.00	905	15	0.00	906	-14	-14	0	0	0
Pugnifello	R	28	0.00	904	14	0.00	907	15	0.00	913	-28	0	-29	-65	-67
Zefir	W	15	0.00	942	14	0.00	914	14	0.00	914	0	0	0	0	-2
Muscat Timpuriu de Bucuresti	W	8	0.00	815	10	0.00	989	15	0.00	909	2	4	6	25	40
Cesar	R	36	0.00	678	35	0.00	799	15	0.00	910	-1	-20	-21	-2	-59
Fogoneu	R	17	0.00	749	24	0.00	874	14	0.00	911	6	-9	-3	37	-16
Primetta	G	43	0.00	654	15	0.00	937	14	0.00	912	-28	0	-29	-3	-67
Aramon Noir (W)	W	0	0.00	942	14	0.00	914	14	0.00	914	0	0	0	0	-2
Vandal-Cliche	W	0	0.00	942	14	0.00	914	14	0.00	914	0	0	0	0	-2
Bastardo Branco	W	0	0.00	942	14	0.00	914	14	0.00	914	0	0	0	0	-2

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Change (ha)	Change (%)	Changes %
Sevilhao	R	14	0.00	947	14	0.00	915	0	0	0	-225	-441	-48	-94	-97
Prior	R	26	0.00	706	19	0.00	902	14	0.00	918	-7	-5	-12	-27	-46
Debina	W	455	0.01	393	239	0.01	495	14	0.00	917	-216	-225	-441	-94	-97
Helfensteiner	R	12	0.00	605	26	0.00	851	13	0.00	926	-44	-13	-58	-63	-51
Malvasia Nera Lunga	R	147	0.00	516	30	0.00	829	13	0.00	927	-117	-17	-134	-80	-58
Geisenheim 318-57	W	55	0.00	635	15	0.00	933	13	0.00	928	-40	-3	-42	-72	-77
Floricica	R	76	0.00	593	41	0.00	776	12	0.00	929	-35	-28	-63	-46	-70
Casetta	R	11	0.00	956	5	0.00	1087	12	0.00	930	7	7	152	152	152
Rubinos	R	10	0.00	992	11	0.00	944	11	0.00	945	1	1	0	0	0
GR 7	R	10	0.00	923	12	0.00	932	12	0.00	933	-22	-31	-53	-34	-24
Maturana Blanca	W	18	0.00	912	13	0.00	925	13	0.00	926	-44	-13	-58	-63	-51
Maiolica	R	18	0.00	908	13	0.00	922	13	0.00	923	-5	-5	-51	-82	-82
Arvesiniadu	W	18	0.00	908	13	0.00	923	13	0.00	924	-19	-19	-58	-58	-58
Meslier Saint-Francois	W	18	0.00	908	13	0.00	924	13	0.00	925	-5	-5	-51	-91	-91
Neyret	R	18	0.00	908	13	0.00	925	13	0.00	926	-44	-13	-58	-80	-80
New York Muscat	R	18	0.00	908	13	0.00	927	13	0.00	928	-40	-3	-42	-72	-77
Corbina Vicentina	R	18	0.00	908	13	0.00	929	13	0.00	930	-35	-28	-63	-46	-84
Pannon Frankos	R	18	0.00	908	13	0.00	930	13	0.00	931	7	7	152	152	152
Incrocio Terzi 1	R	18	0.00	908	13	0.00	932	13	0.00	933	-4	-4	-24	-24	-24
Deckrot	R	18	0.00	908	13	0.00	933	13	0.00	934	-28	10	-18	-93	-82
Albalonga	W	18	0.00	908	13	0.00	934	12	0.00	935	-42	-3	-45	-74	-60
Braquet Noir	R	18	0.00	908	13	0.00	936	12	0.00	937	0	0	0	-20	-79
Groppello di Revo	R	18	0.00	908	13	0.00	938	12	0.00	939	2	2	4	48	45
Flora	G	6	0.00	838	8	0.00	1030	12	0.00	942	-18	-4	-22	-54	-45
Persan	R	3	0.00	872	12	0.00	971	12	0.00	943	25	-14	11	4157	303
Blanchetta Trevigiana	W	53	0.00	639	13	0.00	952	12	0.00	940	-40	-2	-42	-75	-78
Vertes Csillaga	W	33	0.00	684	15	0.00	886	11	0.00	941	-10	-10	-46	-46	-46
Trevisana Nera	R	1	0.00	956	26	0.00	854	11	0.00	942	-18	-4	-22	-54	-66
Florental	R	11	0.00	987	11	0.00	944	11	0.00	945	1	1	1	-56	-66
Bakator Belyi	W	10	0.00	992	11	0.00	945	11	0.00	946	11	11	11	11	11
Camminoir	R	10	0.00	992	11	0.00	946	11	0.00	947	-9	-6	-15	-34	-35
Dunav	R	26	0.00	705	17	0.00	915	11	0.00	948	-15	-15	-34	-57	-57
Rotberger	R	26	0.00	705	27	0.00	848	11	0.00	949	-13	-13	-58	-58	-58
Corot Noir	R	26	0.00	707	24	0.00	873	11	0.00	950	-15	-1	-16	-55	-59
Dona Joaquina	W	27	0.00	701	12	0.00	969	11	0.00	951	3	-17	-15	10	-61
Terrantez	W	26	0.00	707	28	0.00	837	11	0.00	952	0	0	0	0	-57
Retagladio Bianco	W	26	0.00	707	11	0.00	982	11	0.00	952	1	1	1	1	1
Valiant	R	26	0.00	705	17	0.00	915	11	0.00	947	-9	-6	-15	-34	-35

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %
Manteúdo Preto	R	14	0.00	772	11	0.00	921	11	0.00	953	-5	-33	-21
Brun Argente	R	17	0.00	752	13	0.00	959	11	0.00	954	-3	-3	-3
Cabernet Carbon	R	1	0.00	932	24	0.00	868	11	0.00	955	-4	-2	-14
Bondola	R	4	0.00	860	8	0.00	985	10	0.00	957	-24	-14	-35
Petite Pearl	R	8	0.00	819	10	0.00	991	10	0.00	958	23	-13	-55
Planta Mula	R	W	W	W	W	W	W	W	W	W	10	1934	806
Tinta Martins	R	W	W	W	W	W	W	W	W	W	0	0	-2
Gargiulo 45803	R	W	W	W	W	W	W	W	W	W	2	6	168
Usakhelouri	R	W	W	W	W	W	W	W	W	W	0	2	28
Panonia	R	W	W	W	W	W	W	W	W	W	10	0.00	-3
Ventura	R	W	W	W	W	W	W	W	W	W	-1.5	-14	-74
Patorra	R	W	W	W	W	W	W	W	W	W	0	0	2
Ner d'Ala	R	W	W	W	W	W	W	W	W	W	22	-20	-67
Elbling (R)	R	W	W	W	W	W	W	W	W	W	5	1	288
Divico	R	W	W	W	W	W	W	W	W	W	0	6	11
Charmont	R	W	W	W	W	W	W	W	W	W	0	0	150
Mara	R	W	W	W	W	W	W	W	W	W	3	3	45
Monarch	R	W	W	W	W	W	W	W	W	W	10	0.00	-15
Swenson Red	R	W	W	W	W	W	W	W	W	W	0	0	-8
Pozsonyi Fehér	R	W	W	W	W	W	W	W	W	W	0	0	-1
Uclut	R	W	W	W	W	W	W	W	W	W	-1	0	-7
Garonet	R	W	W	W	W	W	W	W	W	W	0	0	-1
Moscató di Scanzo	R	W	W	W	W	W	W	W	W	W	-19	-44	-87
Ruby	R	W	W	W	W	W	W	W	W	W	3	1	-82
Notardonadico	R	W	W	W	W	W	W	W	W	W	0	0	-33
Pecorello	R	W	W	W	W	W	W	W	W	W	17	-25	-44
Quagliano	R	W	W	W	W	W	W	W	W	W	1	0	-116
Superior Seedless	R	W	W	W	W	W	W	W	W	W	0	0	44
Teinturier	R	W	W	W	W	W	W	W	W	W	0	0	-87
Tintem	R	W	W	W	W	W	W	W	W	W	0	0	-82
Vien de Nus	R	W	W	W	W	W	W	W	W	W	0	0	-82
Quiebratinajas Tinto	R	W	W	W	W	W	W	W	W	W	0	0	-82
Nebbiera	R	W	W	W	W	W	W	W	W	W	0	0	-82
Verduschia	R	W	W	W	W	W	W	W	W	W	0	0	-82
Arrufiac	R	W	W	W	W	W	W	W	W	W	0	0	-82
Alionza	R	W	W	W	W	W	W	W	W	W	0	0	-82
Barsaglina	R	W	W	W	W	W	W	W	W	W	0	0	-82
Saphira	R	W	W	W	W	W	W	W	W	W	0	0	-82

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Change (ha)	Change %	Changes %
Forastera	W	543	0.01	373	208	0.00	514	8	0.00	991	-334	-200	-534	-62	-96
Sacy	W	63	0.00	620	10	0.00	999	8	0.00	992	-54	-1	-55	-85	-14
Frumosasa Alba	R	126	0.00	529	22	0.00	885	8	0.00	994	-104	-14	-118	-83	-62
Piculit Neri	R	62	0.00	781	39	0.00	781	8	0.00	995	-31				-94
Blattner Reds	R	22	0.00	731	13	0.00	953	8	0.00	996					-79
Osenmii Ciornai	R	80	0.00	584	11	0.00	976	8	0.00	998	-69	-3	-72	-86	-29
Cornarea	R	62	0.00	621	50	0.00	974	8	0.00	999	-12	-42	-54	-20	-90
Vincent	W	13	0.00	782	10	0.00	994	8	0.00	1001	-3	-2	-5	-23	-38
Batocca	R	3	0.00	874	9	0.00	1007	8	0.00	1002	6	-1	5	228	178
Susumaniello	R	3	0.00	943	14	0.00	943	8	0.00	1003	-7				-47
Ehnenbreitsteiner	R	332	0.01	428	45	0.00	767	8	0.00	1005	-287	-37	-325	-86	-98
Colobel	R	1	0.00	927	8	0.00	1031	8	0.00	1006	6	0	6	440	440
Merlesse	R	22	0.00	873	7	0.00	1041	8	0.00	1007	1				
Radisson	R	8	0.00	726	13	0.00	1047	7	0.00	1008	4	1	5	139	7
Fino de Ribera del Fresno	W	22	0.00	825	7	0.00	958	7	0.00	1009	-9	-6	-15	9	159
Crimson Seedless	R	8	0.00	1036	7	0.00	1036	7	0.00	1010	0	0	0	-43	-67
Miorita	W	G	W	W	W	W	W	W	W	W	W	W	W	W	W
Bonda	R	51	0.00	643	16	0.00	927	7	0.00	1013	-36	-9	-44	-69	-55
Morone	R	10	0.00	803	9	0.00	1015	7	0.00	1014	-1	-2	-3	-10	-86
Select	R														-30
Bácska	W														
Osceola Muscat	W														
Galego Dourado	W														
Hegel	R														
Palas	R														
Blattner Whites	W														
Criolla Medieval	R														
Catanese Nero	R														
Catalanesca	W														
Castela	R														
Rubilande	G														
Mondrusse Blanche	W														
Roz de Minis	G														
Madeleines	W														
Kolor	R														
Jubiläumsrebe	G														
Forsellina	R														
Khikhvai	W														

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Otiskhanuri Sapere	R	5	0.00	845	6	0.00	1053	6	0.00	1029	1	0	1	28	0
Raffiat de Moncade	W	16	0.00	755	7	0.00	1048	6	0.00	1030	-10	0	-10	-3	-3
Rambella	W							6	0.00	1031		0		-60	-61
Helios	W							6	0.00	1032		0		4	4
Cabernet Blanc	W							6	0.00	1033					
Bronner	W							6	0.00	1034		-3			
Rossara Trentina	R	29	0.00	694	8	0.00	1028	6	0.00	1035	-21	-2	-23	-73	-79
San Martino	R	44	0.00	653	21	0.00	891	6	0.00	1036	-24	-14	-38	-53	-86
Cabernet Carol	R							6	0.00	1037					
Doux d'Henry	R	26	0.00	704	9	0.00	1005	6	0.00	1038	-17	-3	-20	-64	-77
Cove	W	56	0.00	633	6	0.00	1051	6	0.00	1039	-49	0	-50	-88	-89
Ravat Blanc	W	2	0.00	898	7	0.00	1049	6	0.00	1040	4	0	4	217	7
Nehelescal	W	172	0.00	497	25	0.00	860	6	0.00	1041	-147	-19	-166	-86	-96
Freisamer	W	17	0.00	754	8	0.00	1022	6	0.00	1042	-8	-2	-11	-49	-64
Dolciane	W	6	0.00	835	11	0.00	988	6	0.00	1043	4	-5	0	65	-6
Neronet	R							72	0.00	680	6	0.00	1044	-66	-92
Budai Zöld	W							6	0.00	1056	6	0.00	1045	0	-3
Clarin	W	11	0.00	792	6	0.00	1063	6	0.00	1046	-5	0	-5	-45	-47
Mayolet	R	4	0.00	858	7	0.00	1034	6	0.00	1047	3	-2	2	89	-21
Saint Macaire	R	1	0.00	960				6	0.00	1048		5	5		999
Pelaverga Piccolo	R	24	0.00	716	6	0.00	1068	6	0.00	1049	-18	0	-18	-76	-76
Petite Milo	G							6	0.00	1050					
Rayon d'Or	W							1	0.00	946	6	0.00	1066	6	
Pallagrello Bianco	W							55	0.00	730	6	0.00	1052	-49	
Lagarino Bianco	W							23	0.00	882	6	0.00	1053	-17	-75
Madeleine Sylvaner	W							7	0.00	1035	6	0.00	1054	-2	-23
Royal de Alloza	R							29	0.00	833	6	0.00	1055	-23	
Piccola Nera	G	17	0.00	750	17	0.00	916	6	0.00	1056	0	-12	-12	0	-81
Carica l'Asino	W	299	0.01	438	17	0.00	913	5	0.00	1057	-282	-12	-294	-94	-68
Biancu Gentile	W	1	0.00	940	9	0.00	1018	5	0.00	1058	8	-3	4	781	-98
Vulcanus	W							5	0.00	1094	5	0.00	1059	1	
Aranell	W	22	0.00	729	5	0.00	1080	5	0.00	1060	-17	0	-16	-77	-75
Sirio	W	23	0.00	722	14	0.00	948	5	0.00	1061	-9	-8	-17	-62	-77
Rubin Tapirovsy	R	2	0.00	902	2	0.00	1174	5	0.00	1062	0	3	3	0	161
Louise Swenson	W							3	0.00	1138	5	0.00	1063	2	161
Gorgollasa	R												5	1064	
Rossece Bianco	W							7	0.00	1033	5	0.00	1065	5	
Caverdella	W												5	1066	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %	Changes %	Changes %
Asirtilko Red	R	22	0.00	730	5	0.00	1088	5	0.00	1067	-17	0	-17	-78	6
Nocera	R	27	0.00	700	15	0.00	938	5	0.00	1068	-12	-10	-22	-45	-66
Marquinhas	W	9	0.00	814	7	0.00	1045	5	0.00	1069	-6	-6	-53	-53	-81
Dindarella	R	3	0.00	864	5	0.00	1085	5	0.00	1070	-2	-2	-4	-20	-41
At99	G									1071	2	0	2	43	0
Musam Blanc	W									1071	2	0	2	43	43
Andre	W									1072					
Moscatello Selvatico	W	105	0.00	553	35	0.00	800	5	0.00	1074	-71	-30	-100	-67	-95
Invernenga	W	32	0.00	686	7	0.00	1050	5	0.00	1075	-25	-2	-27	-79	-84
Adalmiina	W									1075					
Goldtraminer	W									1076					
Completer	W	2	0.00	899	3	0.00	1137	5	0.00	1077	1	2	3	46	63
Original	R									1078					
Lariao	W									1079					
Patria	W									1080					
Sicilien	W									1081					
Preto Cardana	R									1082					
Isa	W									1083					
Varoussel	R	12	0.00	788	5	0.00	1093	5	0.00	1085	-7	0	-7	-59	-61
Etraire de l'Adui	R	8	0.00	826	5	0.00	1089	5	0.00	1086	-3	0	-3	-36	-40
Krassato	R	38	0.00	670	52	0.00	744	5	0.00	1087	13	-47	-34	35	-88
Castiglione	R	83	0.00	581	18	0.00	906	4	0.00	1088	-65	-14	-79	-78	-95
Perigo	W									1089	0				
Santao	W									1090	-5				
Cividin	W									1091	0				
Muscaris	W									1092					
Piroso	R									1093					
Bokay	W									1094					
Malvasia Parda	W									1095					
Vasilaki	W	3	0.00	882	4	0.00	1111	4	0.00	1096	1	0	2	43	58
Karalahna	R	3	0.00	883	4	0.00	1110	4	0.00	1097	1	0	2	43	58
Karasakiz	R	3	0.00	884	4	0.00	1109	4	0.00	1098	1	0	2	43	58
Sercialinho	W									1099	1				
Recantina	R									1100	4				
Vineland 53035	W									1101	4				
Monvedro	R	14	0.00	774	6	0.00	1072	4	0.00	1102	-8	-2	-10	-59	-71
Reliance	R									1103	4	0.00	0	9	9
Schiava Grigia	R	79	0.00	588	66	0.00	698	4	0.00	1104	-13	-62	-75	-16	-95

Table 6 (cont.): Global ranking of prime wine grape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Changes %	Change (ha)	Changes %	Change (ha)
Batuta Neagra	R	0	0.00	984	1	0.00	1213	3	0.00	1143	0	-1	114	1401	7
Pexem	R	2	0.00	912	4	0.00	1106	3	0.00	1146	1	-1	1	140	-30
Aromella	W	0	0.00	984	1	0.00	1213	3	0.00	1145	1	-1	3	601	1401
Canelá	G	2	0.00	912	4	0.00	1106	3	0.00	1147	2	-1	1	140	67
Forgiarin	R	14	0.00	776	3	0.00	1144	3	0.00	1148	-12	-12	0	-82	-79
Triomphé	R	11	0.00	794	6	0.00	1067	3	0.00	1149	-11	-11	0	-3	-74
Gramon	W	11	0.00	794	6	0.00	1067	3	0.00	1150	-5	-3	-8	-45	-52
Muscat of Alexandria (R)	W	9	0.00	812	3	0.00	1148	3	0.00	1151	-6	-6	0	-68	-2
Çavuş	R	9	0.00	812	3	0.00	1148	3	0.00	1152	-6	-6	0	-68	-69
Mourvèdre	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Guzan	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Lambrusco Barghí	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Muscat Bleu	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Flavis	W	12	0.00	785	3	0.00	1130	3	0.00	1156	-9	-9	0	-74	-78
Gargiulo 4113	R	7	0.00	827	6	0.00	1058	3	0.00	1157	-1	-4	-4	-5	-57
Cabaret Noir	R	R	R	R	R	R	R	R	R	R	R	R	R	R	-64
Verdial Tinto	R	R	R	R	R	R	R	R	R	R	R	R	R	R	-2
Lauzet	W	1	0.00	938	3	0.00	1152	3	0.00	1160	2	0	0	151	-3
Barreto de Semente	R	R	R	R	R	R	R	R	R	R	R	R	R	R	144
Riesling Forte	W	R	R	R	R	R	R	R	R	R	R	R	R	R	1
Turchetta	R	R	R	R	R	R	R	R	R	R	R	R	R	R	-19
Albaranzeuli Bianco	W	72	0.00	601	7	0.00	1046	2	0.00	1164	-65	-4	-70	-91	-65
Swenson White	W	R	R	R	R	R	R	R	R	R	R	R	R	R	-97
Bakator Kék	R	R	R	R	R	R	R	R	R	R	R	R	R	R	-7
Temarina Rossa	G	20	0.00	895	2	0.00	895	2	0.00	1167	-18	-18	0	-88	-88
Fubiano	W	2	0.00	891	9	0.00	1009	2	0.00	1168	7	-7	0	294	2
Grapaniol	W	W	W	W	2	0.00	1168	2	0.00	1169	0	0	0	7	7
Aledo	W	W	W	W	7	0.00	1043	2	0.00	1170	-5	-5	-5	-68	-68
Sennen	R	10	0.00	993	2	0.00	1043	2	0.00	1171	-8	-8	-8	-78	-79
Kocsis Irma	W	11	0.00	984	2	0.00	1043	2	0.00	1172	-8	-8	-8	-79	-79
Diamond Muscat	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Perlette	W	14	0.00	771	1	0.00	1214	2	0.00	1174	-13	-13	1	-91	-84
Bequignol Gris	W	W	W	W	3	0.00	1149	2	0.00	1175	-1	-1	-1	-20	-20
Castelo Branco	W	W	W	W	5	0.00	1097	2	0.00	1176	-2	-2	-2	-53	-53
Oraniesteiner	W	W	W	W	3	0.00	1151	2	0.00	1177	-1	-1	-1	-20	-20
Colomino	W	16	0.00	758	5	0.00	1096	2	0.00	1178	-11	-11	-11	-14	-54
Sauvignac	W	W	W	W	W	W	W	W	W	W	W	W	W	W	-87
Rosaki	W	W	W	W	W	W	W	W	W	W	W	W	W	W	-54

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Change (ha)	Change (%)	Change (ha)	Change (%)
Albanello	W	117	0.00	541	18	0.00	911	2	0.00	1181	-99	-16	-115	-85	-88	-98
Rozala Bianca	W				2	0.00	1199	2	0.00	1182	1	-1	-11	-75	-40	-36
Fertilia	R	13	0.00	777	3	0.00	1124	2	0.00	1183	-10	-1	-11	-75	-40	-85
New York Muscat and VG4111	R							2	0.00	1184						
Boal Vencedor	W				2	0.00	1161	2	0.00	1185	0	0	0	-16	-16	-85
Hölder	W	13	0.00	781	5	0.00	1081	2	0.00	1186	-8	-3	-11	-62	-60	-85
Reberger	R							2	0.00	1187						
Prinzipal	W							2	0.00	1188						
Mariensteiner	W	9	0.00	810				2	0.00	1189						-78
Weidra	W	54	0.00	636	14	0.00	951	2	0.00	1190	-41	-12	-53	-75	-85	-96
Perdea	W	13	0.00	778	2	0.00	1160	2	0.00	1191	-11	0	0	-82	-18	-85
Mourisco de Trevoes	R				2	0.00	1183	2	0.00	1192	0	0	0	1	1	
Danuta	W				2	0.00	1171	2	0.00	1193	0	0	0	-3	-3	
Triunfo	R				2	0.00	1184	2	0.00	1194	0	0	0	0	0	
Jurançon Blanc	W	24	0.00	717	7	0.00	1040	2	0.00	1195	-17	-5	-22	-70	-72	-92
Rose Ciotat	W							2	0.00	1196						
Cabral	R				2	0.00	1186	2	0.00	1197	0	0	0	1	1	
Jázmin	W							2	0.00	1198						
Perera	W	25	0.00	711	4	0.00	1107	2	0.00	1199	-21	-2	-23	-85	-50	-92
Campanario	R				2	0.00	1185	2	0.00	1200	0	0	0	-2	-2	
Lado	W	1	0.00	953	1	0.00	1241	2	0.00	1201	0	0	0	176	176	
Sárféher	W							2	0.00	1202						
Branco Escola	W				2	0.00	1189	2	0.00	1203	0	0	0	2	2	
Espirit	W							2	0.00	1204						
Kay Gray	W				1	0.00	1217	2	0.00	1205	1	1	1	43	43	
Olivette Blanche	W				2	0.00	1187	2	0.00	1206	0	0	0	-2	-2	
Cabernet Foch	R							2	0.00	1207						
Alvar Roxo	G				2	0.00	1192	2	0.00	1208	0	0	0	3	3	
Baratuciat	W				2	0.00	1191	2	0.00	1209	0	0	0	0	0	
Siegfriedrebe	W							2	0.00	1210						
Cordenossa	R				5	0.00	1077	2	0.00	1211	-3	-3	-44	-44	-66	-66
Tamina	W	46	0.00	652				2	0.00	1212						
Impigno	W	60	0.00	625	7	0.00	1038	2	0.00	1213	-53	-5	-58	-88	-76	-96
David Macgregor 8521-1	R							2	0.00	1214						
Eona	W							2	0.00	1215						
Blattner Cal 1-28	R								2	0.00	1216					
Alutus	R				2	0.00	1197	2	0.00	1217	0	0	0	7	7	
Mars	R				2	0.00	1182	2	0.00	1218	0	0	0	-15	-15	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2010-2000		2016-2010		2016	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Change (ha)	Change %	Change (ha)	Change %	Changes %
Santa Maria	W	15	0.00	768	3	0.00	1142	2	0.00	1219	-12	-1	-13	-80	-43	-89	
Margot	R									1220							
Folha de Figueira	W									1221							
Cellerina	R									1222							
Cabertin	R									1223							
Muscat de Bugeac	R									1224							
Seimiscia	W									1225							
Red Millennium	R									1226							
Babosa de Madere	W									1227							
Uva del Tunde	R									1228							
Francevidda	W	86	0.00	576	13	0.00	1170	2	0.00	1229	-73	-11	-84	-85	-88	-98	
Roussin	R	3	0.00	878	3	0.00	1198	2	0.00	1230	0	-2	-1	11	-49	-43	
Piquepoul Gris	G	9	0.00	806	2	0.00	1132	2	0.00	1231	-8	0	-8	-83	-3	-84	
Csokaszőlő	R									1232							
Orpheus	W									1233							
Lafnetscha	W									1234							
Erbamat	W									1235							
Chelois	R									1236							
Cinsaut (G)	R									1237							
Metara	W	13	0.00	783	3	0.00	1147	1	0.00	1238	-10	-1	-11	-78	-47	-88	
Muskat Zhemchuzhnyi	W									1239							
Cavrana	R									1240							
Semebat	R	2	0.00	892	2	0.00	1193	1	0.00	1241	-1	0	-1	-25	-15	-37	
Bric	R	21	0.00	733	2	0.00	1165	1	0.00	1242	-19	-1	-19	-89	-37	-93	
Carignan Bouschet	R	16	0.00	762	1	0.00	1203	1	0.00	1243	-14	0	-14	-91	-3	-91	
Cabernet Cantor	R									1244							
Pionnier	R									1245							
Somerset Seedless	G									1246							
Apiren Alb	W									1247							
Moradella	R									1248							
Uvalino	R									1249							
Codivarta	W									1250							
Champanel	R									1251							
Blattner Cal 1-36	R									1252							
Estreito Macio	W									1253							
Courbu Noir	R	2	0.00	915	1	0.00	1207	1	0.00	1254	0	0	0	-12	-3	-15	
Cianorie	R									1255				-1			
Arbane	W	1	0.00	930	2	0.00	1159	1	0.00	1256	0	0	0	29	-24	-2	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2000		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Change (ha)	Change (%)	Change (ha)	Change (%)
Orion	W	8	0.00	821	13	0.00	956	1	0.00	1295	5	-12	-7	63	-92	-88
Fontanara	W	2	0.00	904				1	0.00	1296	-1					-50
Accent	R							1	0.00	1297						
Septimer	G							1	0.00	1298						
Arl10	G							1	0.00	1299	0					
Rayada Melonera	R							1	0.00	1300	1					
Gascon	R	0	0.00	1003	1	0.00	1252	1	0.00	1301	1					
Korona	W							1	0.00	1302						
Cabernet Soyières	R							1	0.00	1303						
Rabigato Moreno	W							1	0.00	1304						
Calrao	R							1	0.00	1305	0					
Arcas	R							1	0.00	1306	0					
Sovereign Coronation	R							1	0.00	1307						
Dona Zillá	R							1	0.00	1308						
Joannes Seyve	R	3	0.00	887	1	0.00	1255	1	0.00	1309	-2					-66
Ruggine	W							1	0.00	1309	-2	0	-2			-3
Samarrinho	W							1	0.00	1310	-1					-41
Rubiense	R							1	0.00	1311	0					-33
Ederena	R	0	0.00	964	1	0.00	1261	1	0.00	1313	0					72
Incrocio Bianco Fedit 51	W	11	0.00	790	5	0.00	1092	1	0.00	1314	-6					-93
Dedo de Dama	W							1	0.00	1315	0					-3
Fenile	W							5	0.00	1316	-5					-85
Roal	R							1	0.00	1317	0					-32
Coracao de Galo	R							1	0.00	1318	0					-12
Roussette d'Ayze	W	3	0.00	879	1	0.00	1215	1	0.00	1319	-1					-71
Pecsi Szagos	W							1	0.00	1320	0					-27
VB 91-26-25	R							1	0.00	1321						
Pampamaro	W							5	0.00	1322	-4					-84
Picardan	W							1	0.00	1323	0					-6
Bouilhet	R	2	0.00	896	1	0.00	1265	1	0.00	1324	-1					-66
Igneia	G							1	0.00	1325	0					-3
Rovillo Bianco	W							2	0.00	1200	1	0.00	1326	-1		-2
Osteiner	W	3	0.00	870	1	0.00	1237	1	0.00	1327	-2	0	-2	-67		-77
Tamarugal	W							1	0.00	1328	0					
Ravat	R	1	0.00	945	1	0.00	1268	1	0.00	1329	0					-21
Tinta de Cidadelhe	R							1	0.00	1330	0					2
Goncalo Pires	R							1	0.00	1331	0					1
Michele Palieri	R	24	0.00	714	1	0.00	1240	1	0.00	1332	-23	0	-24	-96		-97
																-31

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Changes (%)
Parreira Matias	R	0.00	1269	1	0.00	1269	1	0.00	1333	0	-2	-2	-57
Kosmopolita	G	2	0.00	913	1	0.00	1258	1	0.00	1334	-1	0	-46
Aubin Blanc	W	0.00	1277	1	0.00	1277	1	0.00	1336	0	10	10	10
Augster Weiss	W	0.00	1273	1	0.00	1273	1	0.00	1337	0	1	1	1
Pelso	W	0.00	1275	1	0.00	1275	1	0.00	1338	0	7	7	7
Negrul Aromat	R	10	0.00	798	1	0.00	1272	1	0.00	1339	-9	0	-93
Oeillade Bousche	R	3	0.00	865	1	0.00	1264	1	0.00	1340	-3	0	-15
Claverie	R	0.00	1264	1	0.00	1341	1	0.00	1341	0	-81	-81	-81
Rouge de Fully	R	0.00	1342	1	0.00	1342	1	0.00	1343	0	0	0	-2
Kentville White 94.2	W	0.00	1343	1	0.00	1343	1	0.00	1344	0	7	7	-100
Montreal Blues	R	0.00	1344	1	0.00	1344	1	0.00	1345	0	1	1	1
Black Prince	R	0.00	1345	1	0.00	1345	1	0.00	1346	0	-75	-75	-75
Unirea	W	0.01	456	1	0.00	1285	1	0.00	1347	0	0	0	0
Mandon	R	261	0.01	456	1	0.00	1282	1	0.00	1348	-2	-2	-2
Tinta da Melra	R	0.00	1163	2	0.00	1163	1	0.00	1349	0	-46	-46	-46
Mézes Fehér	W	0.00	1229	1	0.00	1266	1	0.00	1350	0	-22	-22	-22
Andor	W	0.00	1229	1	0.00	1229	1	0.00	1351	0	0	0	0
Perla dei Vivi	R	0.00	1234	1	0.00	1234	1	0.00	1352	0	-48	-48	-48
Pe Comprido	W	0.00	1286	1	0.00	1286	1	0.00	1353	0	0	0	0
BX 81-83	R	0.00	1287	1	0.00	1287	1	0.00	1355	0	0	0	0
Táltos	W	0.00	1027	1	0.00	1027	1	0.00	1356	-4	-7	-7	-96
Tinta Valdosa	R	0.00	1278	1	0.00	1278	1	0.00	1357	0	-16	-16	-16
Mindelo	R	0.00	1112	1	0.00	1112	1	0.00	1358	-3	-3	-3	-87
Ondenc	W	0.00	1293	1	0.00	1293	1	0.00	1359	-3	-3	-3	-87
Sao Mamede	W	0.00	1360	1	0.00	1360	1	0.00	1361	0	4	4	4
Cornichon Blanc	W	0.00	1362	1	0.00	1362	1	0.00	1363	-5	-53	-53	-53
Ginestra	W	0.00	1363	0	0.00	1363	0	0.00	1364	-3	-3	-3	-86
Himrod	W	0.00	1365	0	0.00	1365	0	0.00	1366	0	0	0	-6
Okanagan Riesling	W	0.00	1366	0	0.00	1366	0	0.00	1367	0	0	0	-22
Capolongo	W	0.00	1368	0	0.00	1368	0	0.00	1369	0	7	7	7
Rio Grande	W	0.00	1369	0	0.00	1369	0	0.00	1370	0	-33	-33	-33
Assaraky	W	0.00	1370	0	0.00	1370	0	0.00	1370	0	0	0	0
Meszi Kadarka	R	0.00	1371	0	0.00	1371	0	0.00	1372	0	0	0	0
Gamba Rossa	R	0.00	1373	0	0.00	1373	0	0.00	1374	0	0	0	0
Csomorika	W	0.00	1375	0	0.00	1375	0	0.00	1376	0	0	0	0
Balada	R	0.00	1377	0	0.00	1377	0	0.00	1378	0	0	0	0
Blattner Cal 1-20	R	0.00	1379	0	0.00	1379	0	0.00	1380	0	0	0	0
Lecinaro	R	0.00	1381	0	0.00	1381	0	0.00	1382	0	0	0	0

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2010		2016-2000	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change %	Changes %
Breidecker	W	28	0.00	696	7	0.00	1042	0	0.00	1371	-21	-7	-94
Malingre Precoce	W	3	0.00	880	0	0.00	1294	0	0.00	1372	-2	0	-82
Canadice	R												79
Cabernet Diane	R												4
Caramela	W												-15
Apiren Roz	R												
Michurinets	R												0
Dattier de St. Vallier	W												-3
Kunbarát	W												-95
VB Cal 6-04 N5	R												
Refrém	W												0
Kalina	R												
Nevoeira	R												
Maiolina	R												
Uva Cao	W	33	0.00	683	1	0.00	1307	0	0.00	1382	0	0	2
Tardia de Caxias	G												
Mamaiá	R												
Espadeteiro Mole	R												
Dodreyabi	R												
Roxo Rei	G												
Blattner Cal 1-22	R												
Tressot	R	0	0.00	982	0	0.00	1312	0	0.00	1392	0	0	64
Gouveio Preto	R												2
Siramé	R												
Mondet	R												1
VB 91-26-26	R												
Úrréti	W												197
Minnesota Muscat	W												
Valverinha	W												
Pinorico	R												
Abondant	W	0	0.00	974	0	0.00	1317	0	0.00	1401	0	0	-13
Jádorvány	W												
Einsel Seedless	G												
Calmeria	W	1	0.00	925	0	0.00	1318	0	0.00	1403	0	0	-79
Odola	R												
Purcsin	R	3	0.00	867	1	0.00	1247	0	0.00	1404	-1	0	-3
Ahmneur Bou Ahmeur													-91
Taurus	W												-70

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	2000		2010		2016		2016-2010		2010-2000		2016-2000	
	Col area (ha)	Global share (%)	Global rank	Global area (ha)	Global share (%)	Global rank	Global area (ha)	Change (ha)	Global share (%)	Global rank	Change (ha)	Changes %
Augustovski	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	-13
Terrantez do Pico	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	-37
Naia	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	-28
Magyarfrankos	R	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	-26
Lameiro	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Geszus	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Kentville White 94-1	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Excelsior	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Leira	W	1	0.00	1281	0	0	0.00	0	0.00	0	0	-53
Boal Barreiro	W	1	0.00	1283	0	0	0.00	0	0.00	0	0	-53
Beogradska Crna	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Danam	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	-2
VB 91-26-27	R	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Granhão	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Crovassa	R	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Clinton	R	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Vénus	R	1	0.00	1223	0	0	0.00	0	0.00	0	0	-78
Colmar Precoce Noir	R	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Verdial	W	1	0.00	1291	0	0	0.00	0	0.00	0	0	-53
Saint-Pierre Dore	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Himberstscha	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Hamvas	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Lourela	R	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	-2
Astra	W	0.00	0	0.00	0.00	0	0.00	0	0.00	0	0	0
Stavroto	R	104	0.00	555	11	0.00	981	0	0.00	1433	-93	-11
Malvia	W	0.00	0	0.00	0.00	0	0.00	0	0.00	1434	0	0
Eyhölzer Rote	R	0	0.00	1304	0	0.00	1428	0	0.00	0	-22	-40
Venuecese	R	0	0.00	1328	0	0.00	1431	0	0.00	0	0	-42
Mergeritar	W	0	0.00	1331	0	0.00	1432	0	0.00	0	0	-42
MRAC 1099	R	0	0.00	1331	0	0.00	1433	-93	0	0	0	0
KW 96-2	W	0	0.00	1331	0	0.00	1434	0	0.00	0	0	0
Kat.E.Lin	R	0	0.00	1331	0	0.00	1435	0	0.00	0	0	0
Pepella	W	3	0.00	1140	0	0.00	1436	0	0.00	0	0	-93
Cinsaut (W)	R	7	0.00	1039	0	0.00	1437	0	0.00	0	0	-97
Branco Sr. Joao	W	0	0.00	1299	0	0.00	1443	0	0.00	0	0	-52
Nosztori Ritzing	W	1	0.00	1276	0	0.00	1444	0	0.00	0	0	-69
Kozmopoliten	W	0	0.00	1445	0	0.00	1446	0	0.00	0	0	0
Merlot Khorus	R	0	0.00	1446	0	0.00	1446	0	0.00	0	0	0

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Change (ha)	Change (%)	Change (%)
Roxo de Vila Flor	R	0	0.00	1336	0	0.00	1447	0	0.00	1447	0	-2	0	0.00	-2
Chardoris	W														
Heuréka	W														
Delthro	R	0	0.00	1334	0	0.00	1450	0	0.00	1450	0	-3	0	0.00	-3
Docal	R	0	0.00	1341	0	0.00	1451	0	0.00	1451	0	1	0	0.00	1
MRAC 1087	R														
Blanc Dame	W	0	0.00	980	0	0.00	1338	0	0.00	1453	0	-18	0	0.00	-18
Aramont	R	1	0.00	941											
Roter Milan	R														
Pinotin	R														
Alvar Branco	W														
Divona	W														
Cidreiro	R														
Rubinovy Magaracha	R	0	0.00	993	0	0.00	1344	0	0.00	1460	0	-2	0	0.00	-2
Knipperlé	W	2	0.00	901	0	0.00	1352	0	0.00	1461	-2	4	0	0.00	43
Mireille	W														
Moseargo	R														
Terras 20	R	13	0.00	779	0	0.00	1349	0	0.00	1464	-13	0	-99	0	-99
Verdelho l'Anjou	W														
Muscatin	W														
Malvasia Romana	W														
Donzelinho Roxo	R														
Luzidio	W														
Lusitano	R														
Branco Valente	W														
Jaoumet	W														
Sanforte	R														
Paolina	W														
Cabernet Sanzey	R														
MRAC 1817	R														
Deliciosa	R	0	0.00	1356	0	0.00	1476	0	0.00	1477	0	-2	0	0.00	-2
Kurucvér	R	0	0.00	1343	0	0.00	1478	0	0.00	1479	0	-32	0	0.00	-32
Cabernet x Maréchal Foch	R														
Carla	R	0	0.00	1358	0	0.00	1480	0	0.00	1481	0	-3	0	0.00	-3
Summerland	R														
Elmer Swenson 10-18-30	W														
Saint-Cliche	W														
Delisie	W														

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Changes (%)	Changes (%)	
ES 10-18-14	W	0	0.00	1361	0	0.00	1485	0	0.00	1486	0	0	7		
Golia	W	0	0.00	1361	0	0.00	1486	0	0.00	1487	0	0			
Augster Blau	R	0	0.00	1306	0	0.00	1488	0	0.00	1489	0	0	-76		
Sremska Zelenika	W	0	0.00	1306	0	0.00	1488	0	0.00	1489	0	0			
Carbenet Volos	R	0	0.00	1306	0	0.00	1489	0	0.00	1490	0	0			
UD 31103	R	0	0.00	1306	0	0.00	1490	0	0.00	1491	0	0			
DU 31120	R	0	0.00	1306	0	0.00	1492	0	0.00	1493	0	0	-93		
Cabernet Early	R	1	0.00	1212	0	0.00	1493	0	0.00	1494	0	0	-53		
Gosen	R	0	0.00	1333	0	0.00	1494	0	0.00	1495	0	0	-53		
Castalia	W	0	0.00	1335	0	0.00	1495	0	0.00	1496	0	0	-53		
Almafria	W	0	0.00	1335	0	0.00	1496	0	0.00	1497	0	0	-53		
Blattner Cal 1-15	R	0	0.00	1324	0	0.00	1497	0	0.00	1498	0	0	-53		
Tedi's Best	R	0	0.00	1324	0	0.00	1498	0	0.00	1499	0	0	-53		
Fleurtai	W	0	0.00	1324	0	0.00	1499	0	0.00	1500	0	0	-53		
Soreli	W	0	0.00	1351	0	0.00	1500	0	0.00	1501	-10	-6	-64	-99	
Esganinho	W	6	0.00	1071	0	0.00	1501	-10	-1	0	0	-1	-93	-100	
Bousquet Precoce	W	0	0.00	1366	0	0.00	1502	-1	0	0	-15	0	-2	-93	
Grassen	R	0	0.00	1359	0	0.00	1503	-15	0	0	0	-15	-39	-100	
Seibel White	W	0	0.00	1324	0	0.00	1504	0	0	0	0	0	-74	-64	
Beelan	R	0	0.00	1324	0	0.00	1505	0	0.00	1506	0	0	2	-57	
Jardovany Fekete	R	0	0.00	1367	0	0.00	1507	0	0.00	1508	0	0	-66	-57	
Melhorio	R	0	0.00	1342	0	0.00	1509	0	0.00	1510	0	0	2		
Noir Fleurien	R	0	0.00	991	0	0.00	1511	0	0.00	1512	0	0	-31	7	
Blattner Cal 1-31	R	0	0.00	991	0	0.00	1513	0	0.00	1514	0	0	-31	7	
Canner Seedless	W	0	0.00	1368	0	0.00	1515	0	0.00	1516	0	0	-3		
Crucilita	W	0	0.00	1372	0	0.00	1517	-1	0	0	0	0	7		
Mouysagues	R	0	0.00	1363	0	0.00	1518	0	0.00	1519	0	0	-95		
VB Cal 1-14	R	1	0.00	935	0	0.00	1512	0	0.00	1513	0	-1	-2	-92	
Laska	R	0	0.00	935	0	0.00	1514	0	0.00	1515	0	0	-2	-92	
Satin Noir	R	0	0.00	935	0	0.00	1516	0	0.00	1517	-1	0	-92	-92	
VB Jura 25	R	0	0.00	935	0	0.00	1518	0	0.00	1519	0	0	0	0	
Petite Amie	W	0	0.00	1371	0	0.00	1520	0	0.00	1521	0	0	0	-70	
Teoulier Noir	R	1	0.00	1373	0	0.00	1522	0	0.00	1522	0	0	-38	-70	
Tihanyi Kék	R	0	0.00	1365	0	0.00	1522	0	0.00	1522	0	0	-52	-70	
Agafark	R	0	0.00	1365	0	0.00	1522	0	0.00	1522	0	0	0	-70	
Somszoekoe Kék	W	0	0.00	988	0	0.00	1522	0	0.00	1522	0	0	0	-70	
Hajnalka	W	0	0.00	988	0	0.00	1522	0	0.00	1522	0	0	0	-70	
Burdin	W	0	0.00	988	0	0.00	1522	0	0.00	1522	0	0	0	-70	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Change (ha)	Change (%)	Changes (%)	Changes (%)	
Clara	W	0	0.00	875	0	0.00	1375	0	0.00	1523	0	0	2	-99	
Xara	R	3	0.00	875	2	0.00	1164	0	0.00	1524	-2	-3	-17	-98	
Grachen	W	12	0.00	972	0	0.00	1525	0	0.00	1526	-12	-100	-100	-100	
Imperial Napoleon	R	IRAC 1933	R	Chasselas Sabor	W	0	0.00	1370	0	0.00	1527	0	-31	-31	
Jeroma	R	W	0	0.00	987	0	0.00	1369	0	0.00	1528	0	-45	-81	
Sulima	W	0	0.00	994	0	0.00	1362	0	0.00	1529	0	0	-2	-81	
Pascal Blanc	R	0	0.00	994	0	0.00	1378	0	0.00	1530	0	0	-20	-69	
Maglisina	R	R	0	0.00	994	0	0.00	1376	0	0.00	1531	0	-37	-75	
Gaillard	R	R	0	0.00	994	0	0.00	1376	0	0.00	1532	0	-37	-75	
Enfarine Noir	R	R	0	0.00	994	0	0.00	1376	0	0.00	1533	0	-20	-69	
Buffalo	R	R	0	0.00	994	0	0.00	1376	0	0.00	1534	0	-20	-69	
Sugrafive	W	118	0.00	538	2	0.00	1178	0	0.00	1535	-116	-2	-118	-99	
Orpicchio	W	R	0	0.00	538	1	0.00	1290	0	0.00	1536	0	-99	-100	
Esganaceo Preto	R	R	0	0.00	538	0	0.00	1380	0	0.00	1537	0	-96	-96	
Alvarelhao Ceitao	R	R	0	0.00	538	0	0.00	1381	0	0.00	1538	0	2	2	
De Cilindro	W	15	0.00	763	0	0.00	1379	0	0.00	1539	0	0	-2	-2	
Poulard Blanc	W	14	0.00	775	0	0.00	1382	0	0.00	1540	-15	0	-27	-100	
Arrouya	R	R	0	0.00	775	0	0.00	1382	0	0.00	1541	-14	0	-27	-100
MRAC 1626	R	R	0	0.00	998	0	0.00	1377	0	0.00	1542	0	-3	-3	
MRAC 40	R	R	0	0.00	998	0	0.00	1377	0	0.00	1543	0	-36	-66	
Castets	R	R	0	0.00	998	0	0.00	1377	0	0.00	1544	0	-78	-78	
VB Cal 1-29	R	R	0	0.00	998	0	0.00	1377	0	0.00	1545	0	-36	-66	
VB Cal 1-33	R	R	0	0.00	998	0	0.00	1377	0	0.00	1546	0	-78	-78	
Gänsfisser	R	R	0	0.00	1374	0	0.00	1547	0	0.00	1548	0	-74	-74	
Uva del Fantini	R	R	0	0.00	1350	0	0.00	1549	0	0.00	1550	0	-93	-93	
Moscatel Lilaz	W	R	0	0.00	1385	0	0.00	1551	0	0.00	1552	0	2	2	
Tinta Malandra	R	R	0	0.00	1384	0	0.00	1553	0	0.00	1554	0	-2	-2	
Fepiro	R	R	0	0.00	1383	0	0.00	1555	0	0.00	1556	1	-1	-1	
Tinta Aurelio	R	R	0	0.00	1386	0	0.00	1557	0	0.00	1558	0	0	0	
Ontario	W	R	0	0.00	977	1	0.00	1250	0	0.00	1559	0	0	0	
Olivette de Laconnex	R	R	0	0.00	977	1	0.00	1250	0	0.00	1559	0	0	0	
Naparo	R	W	0	0.00	977	1	0.00	1250	0	0.00	1559	0	0	0	
Shalisticin	R	W	0	0.00	16557	52	0.36	50	0	0.00	1559	0	0	0	
Esther	R	W	0	0.00	16557	52	0.36	50	0	0.00	1559	0	0	0	
Lilla	R	W	0	0.00	16557	52	0.36	50	0	0.00	1559	0	0	0	
Doukkali	R	W	0	0.00	16557	52	0.36	50	0	0.00	1559	0	0	0	

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2016-2010	
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	area (ha)	share %	rank	area (ha)	share %	rank
Calagnano	W	8229	0.17	85	4794	0.10	114			-3435			-42
Abbou	R	2375	0.05	187	2375	0.05	170			0			0
Verdonchio	W	3092	0.06	162	2124	0.05	181			-968			-31
Mskhalii	W	1093	0.02	280	1093	0.02	261			0			0
Garandmak	W	931	0.02	302	931	0.02	278			0			0
Kokur Bely	W	641	0.01	342	918	0.02	282			277			43
Kangun	W	850	0.02	314	850	0.02	300			0			0
Voskeat	W	809	0.02	317	809	0.02	305			0			0
Malvasia Moscata	W				554	0.01	356						
Muskat Moravsky	W				514	0.01	368						
Monbadon	W	657	0.01	337	498	0.01	378			-159			-24
Miguel del Arco	R	1267	0.03	260	468	0.01	387			-799			-63
Debit	W				403	0.01	404						
Babić	R	1189	0.02	271	359	0.01	420			-830			-70
Misket Varnenski	W				336	0.01	434						
Storgozia	R				295	0.01	457						
Pošip Bijeli	W	6539	0.13	105	253	0.01	485			-6287			-96
Ranna Melnishka Loza	R				249	0.01	488						
Tilki Kuyrugu	W	172	0.00	498	246	0.01	490			74			43
Trbjan	W				231	0.01	498						
Palava	G				230	0.00	500						
Cabernet Moravia	R				212	0.00	508						
Kujundžiša	W				206	0.00	515						
Patrizia Rosa	G	10	0.00	795	153	0.00	556			1366			143
Marathetiko	R				152	0.00	557						
Ofthalmo	R				141	0.00	569						
Žlahtina	W				135	0.00	578						
Ranfol	W				134	0.00	581						
Devin	W				133	0.00	582						
Aurelius	W				70	0.00	689			0			0
Pervomaisky	R	64	0.00	619	64	0.00	706						
Škrlet	W				61	0.00	711						
Bogdanuša	W				48	0.00	759						
Dunaj	R				46	0.00	764						
Patagonia	W	29	0.00	692	40	0.00	780			10			36
Serna	G	19	0.00	745	36	0.00	796			17			94
Vugava	W				36	0.00	798						
Cetinka	W				35	0.00	802						

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	2000		2010		2016		2010-2000		2016-2000		2010-2000		2016-2010		
		Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	area (ha)	share %	rank	area (ha)	share %	rank	area (ha)	share %	rank
Seyve Villard 23-512	R	29	0.00	835	27	0.00	844	8	43							
Ensanyo Tintas	R	19	0.00	746	27	0.00	847									
Ekim Kara	R															
Zlatarica Vrgorska	W															
Babica	R															
GM 322	R															
Nincusa	R															
Ives	R	23	0.00	723	16	0.00	926	-7	-30							
Trnjak	R															
Lasina	R															
Cinsaut Seedless	R	9	0.00	809	13	0.00	955									
Gegić	W															
Canelon	R	8	0.00	820	11	0.00	979									0
Grand Manchen	W															
Valvin Muscat	W															
Agni	R															
Laurot	R															
Suscan	R	5	0.00	847	5	0.00	1074									
Ilichevskii Rammii	W	3	0.00	869	3	0.00	1082									0
Droujba																0
Ariana	R															
Chaouch Blanc	W	2	0.00	911	3	0.00	1135									
Gargiulo 26879	W	4	0.00	852	3	0.00	1156									43
Alb de Taloveni	W	2	0.00	903	2	0.00	1157									-40
Gateta	R	7	0.00	830	2	0.00	1175									0
Tinto de Zafra	R	4	0.00	853	2	0.00	1176									-71
Gutenborner	W															-51
Dišćea Ranina	W															-2
Joubertin	R	2	0.00	916	1	0.00	1205									-6
Noria	W															0
Milia	R															
Gargiulo 14260	R	1	0.00	939	1	0.00	1236									0
Dominga	W	0	0.00	981	1	0.00	1242									376
Monstruosa	W	2	0.00	893	1	0.00	1245									-55
Panse Valenciano	W	649	0.01	340	1	0.00	1248									-100
Perlita	W	1	0.00	931	1	0.00	1249									-20
Ensayo Blancas	W															
Juliana	W															

Table 6 (cont.): Global ranking of prime winegrape varieties by area, and changes, 2000, 2010 and 2016 (ha and %)

Prime variety	Col	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	Global area (ha)	Global share %	Global rank	2016		2010		2000	
											Change (ha)	Changes %	Change (ha)	Changes %	Change (ha)	Changes %
K.35	W	3764	0.08	140	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Viktor	R	1265	0.03	261	0	0.00	1339	0	0.00	1339	0	0.00	1364	0	0.00	1364
Kozma CS. 2	W	1091	0.02	282	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Misket	W	538	0.01	375	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Agadai	W	157	0.00	509	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Montu	W	100	0.00	561	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Bonarda Grande	R	70	0.00	608	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Canorroyo	W	68	0.00	615	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Dalkauer	W	60	0.00	626	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Liatiko (W)	R	57	0.00	630	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Perola	W	39	0.00	668	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Vilana (R)	R	34	0.00	681	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Fokiano (W)	W	31	0.00	688	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Morenillo	R	27	0.00	698	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Cabernet Malbec	R	25	0.00	712	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Cartouche	W	25	0.00	713	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Limnio (W)	R	19	0.00	740	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Batili	W	16	0.00	757	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Ruby Seedless	R	16	0.00	761	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Mazuelo (G)	R	16	0.00	799	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Dawn Seedless	W	10	0.00	801	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Barbarossa	G	10	0.00	802	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Emerald seedless	W	10	0.00	804	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Blush Seedless	R	10	0.00	805	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Listrao Roxo	R	6	0.00	839	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Aramon Bouschet	R	4	0.00	868	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Mauzac Noir	R	4	0.00	854	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Carmine	R	4	0.00	856	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Gargiulo 26189	R	4	0.00	863	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Valais Noir	R	2	0.00	890	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Staufér	R	2	0.00	889	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Palot	W	2	0.00	897	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Mavro Messenikola	R	2	0.00	907	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Xinomavro (W)	R	2	0.00	907	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Prodest	R	2	0.00	907	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Brocadia	W	2	0.00	907	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Mecle de Bourgoin	R	2	0.00	907	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364
Sirius	W	2	0.00	907	0	0.00	1337	0	0.00	1339	0	0.00	1364	0	0.00	1364

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Prime variety	Col	2000		2010		2016		Global share %	Global area (ha)	Global rank	Global share %	Global area (ha)	Global rank	Change (ha)	Change (%)	Changes (%)	Changes (%)
		area (ha)	share %	area (ha)	share %	area (ha)	share %										
Provareau	R	2	0.00	908													
Leopoldo III	R	2	0.00	910													
Bellandais	R	2	0.00	917													
Chenivesse	R	1	0.00	922													
Baleille	W	1	0.00	923													
Tinto Jeroma	R	1	0.00	924													
Boiziau	R	1	0.00	929													
Raisaine	W	1	0.00	934													
Malegue	W	1	0.00	936													
Lacoste	R	1	0.00	937													
Oberlin White	W	1	0.00	943													
Mornen Noir	R	1	0.00	944													
Reze	W	1	0.00	949													
Dunze	R	1	0.00	954													
Blanqueiro	W	1	0.00	958													
Noual	W	1	0.00	962													
Peloursin	R	0	0.00	963													
Piquepoul Bousch	R	0	0.00	965													
Roublot	W	0	0.00	967													
Malivernie	W	0	0.00	969													
Vidal Noir	R	0	0.00	970													
Vineti	W	0	0.00	971													
Bariadorgia	W	0	0.00	972													
Pougnet	R	0	0.00	973													
Castorotal	W	0	0.00	975													
Servarin	R	0	0.00	978													
Fontan	R	0	0.00	983													
Taylor	W	0	0.00	989													
Guillermot	W	0	0.00	995													
Cep Rouge	R	0	0.00	996													
Feunate	R	0	0.00	1000													
Putzsheere	W	0	0.00	1001													
Jurie	W	0	0.00	1002													
other varieties	529222	10.83	226775	4.91	346035	7.72	-302447	119260	-183187	-57	53	-35					
<b>Total</b>	<b>4887629</b>	<b>100</b>	<b>4615761</b>	<b>100</b>	<b>4483128</b>	<b>100</b>	<b>-271868</b>	<b>-132633</b>	<b>-404501</b>	<b>-6</b>	<b>-3</b>	<b>-8</b>					

Table 7: National and global winegrape bearing area of top 50 varieties, 1990 (hectares and % of world)

Colour	Country of planting <sup>a</sup>	Argentina	Australia	Austria <sup>ab</sup>	Bulgaria	France <sup>a</sup>	Georgia	Germany <sup>a</sup>	Italy	United States <sup>ad</sup>	Other countries	WORLD	%
W	Aireñ	2129	18700	86700	86802	12362	5297	476396	476396	198377	304602	5.73	8.96
R	Gamacha Tinta									175067	280569	5.28	
W	Rkatsiteli	2909	1254	2400	103000	61600	239	268919	271828	36720	207442	5.11	
W	Sultaniye	2229				116100	3000	4136	79633	42695	154752	2.91	3.90
W	Trebbiano Toscano					60000	66	3314	49182	13831	127678	2.40	
R	Mazuelo	1160	318	15300	18700	36500	235	3200	125	101868	108213	2.04	
R	Merlot					5600				106149	106149	2.00	
R	Cabernet Sauvignon	2347	3684			1400				87400	94	10052	1.86
R	Monastrell		620							74800	5328	80128	1.51
R	Bobal									6200	22909	12200	1.30
R	Sangiovese											68513	1.29
W	Catarratto Bianco	908	3123	4000	19900	43						67987	1.28
W	Chardonnay											65276	1.24
R	Criolla Grande											56430	1.21
R	Barbera	958										64224	
W	Cayetana Blanca											63171	1.19
W	Musecat of Alexandria	863	3193			3200						36	
R	Cinsaut					48200						33842	1.13
W	Chenin Blanc	4031	508			9100						54430	1.02
R	Aligoté					4000	1300	292				54430	
W	Riesling	293	3615	1250		2900				47200	4145	10003	0.98
W	Palomino Fino											50545	0.95
W	Pedro Ximénez											47915	0.90
R	Tempranillo	5659										47429	0.89
W	Sauvignon Blanc	278	732			12000						23295	0.84
W	Macabeo											43504	0.82
G	Cereza											42937	0.81
W	Malvasia Bianca di Candia											19554	0.80
R	Tribidrag											41683	0.78
R	Pinot Noir	232	801	300		22000	878	6449				3501	0.78
R	Negramaro											41539	
R	Cabernet Franc	76	212			30300						42937	0.75
W	Müller-Thurgau											8356	0.75
W	Colombard											5631	0.68
R	Syrah	687	4711			4900						36138	0.68
R	Gamay Noir					27000						2421	0.66
R	Montepulciano					33600						35086	
W	Sémillon	1255				17600						31000	0.66
R	Concord											30513	0.57
R	Korinthiaki											28108	0.53
W	Trebbiano Romagnolo											21300	0.40
R	Isabella											21003	
W	Gruñer Veltliner											160	0.39
W	Pedro Giménez											20647	0.39
W	Savatiano											20396	0.38
R	Parmak Cerven											20275	0.38
R	Flame Seedless											20194	0.38
R	Alicanté Henri Bouschet											3019	0.37
W	Grasévina											8367	0.36
W	Muscat Blanc à Petits Grains	542	9550	27011	168808	4600	3765	11936	216392	13400	15748	149010	0.36
R	other red varieties	1420	1750	19689	86492	23458	38779	185108	12152	125	242943	686042	12.90
W	other white varieties	3530										692885	13.03
<b>Total</b>		<b>202146</b>	<b>37339</b>	<b>43500</b>	<b>113800</b>	<b>917000</b>	<b>115539</b>	<b>103777</b>	<b>881800</b>	<b>146886</b>	<b>146886</b>	<b>2754515</b>	<b>5316301</b>
<b>% of world</b>		<b>3.80</b>	<b>0.70</b>	<b>0.82</b>	<b>2.14</b>	<b>17.25</b>	<b>2.17</b>	<b>1.95</b>	<b>16.59</b>	<b>2.76</b>	<b>51.81</b>	<b>100.0</b>	<b>100.0</b>

Table 8: Shares of red, white and grey winegrapes in national winegrape area, 1990, 2000, 2010 and 2016 (%)

Country	1990			2000			2010			2016		
	Red	White	Grey									
Algeria				100			100			96	4	
Argentina	46	54		53	31	16	59	27	14	63	23	14
Armenia				100			100			30	70	
Australia	37	63		59	41		61	37	2	64	34	3
Austria	23	77		27	72	1	35	63	1	34	65	1
Brazil				60	40		83	17	0	84	16	0
Bulgaria	54	45	2	61	39		63	29	7	59	33	8
Cambodia										100		
Canada				56	42	2	45	49	6	42	53	5
Chile				76	24	0	73	27	0	69	30	0
China					96		4	0		86	14	
Croatia				25	75		34	65	1	38	62	
Cyprus				80	20		66	34		62	38	
Czechia				30	70		34	60	6	32	62	6
Ethiopia							66	34		66	34	
France	71	29	0	69	30	1	67	32	1	66	34	1
Georgia	4	96	0	12	88	0	12	88	0	12	88	0
Germany	18	79	3	24	72	4	36	59	5	36	59	5
Greece				37	47	16	44	37	19	42	37	21
Hungary				24	71	5	30	61	9	30	60	10
India										26	74	
Israel				61	39		61	39		83	17	
Italy	55	45	0	52	47	1	57	40	3	54	43	3
Japan							60	35	6	46	30	24
Kazakhstan							14	81	6	14	81	6
Korea, Rep.				98		2	98		2	98		2
Lebanon										55	45	
Luxembourg				5	84	11	8	81	11	10	75	15
Mexico							62	38		65	35	
Moldova				40	58	2	40	58	2	51	47	2
Morocco				82	18		82	18		50	50	
Myanmar							59	41		56	44	
New Zealand				28	70	1	24	71	5	22	71	7
North Macedonia										60	40	
Norway										34	66	
Peru							60	40	0	60	40	0
Portugal				58	42		67	33	0	65	31	4
Romania				28	71	1	31	68	1	34	65	1
Russia				19	81		38	61	0	37	63	0
Serbia				31	69		31	69		54	45	1
Slovakia				17	83		29	69	2	40	60	
Slovenia				26	74		32	65	3	31	66	3
South Africa				36	64	0	44	56	0	44	55	0
Spain				39	61	0	54	46	0	53	47	0
Switzerland				53	46	1	58	41	1	58	41	2
Taiwan				54	46		54	46		63	37	
Thailand							66	30	4	53	44	2
Tunisia				100			100			50	50	
Turkey							67	33		68	32	
Ukraine							31	68	1	36	64	
United Kingdom				23	77		34	61	5	47	50	3
United States	46	54		55	45	1	63	35	2	64	33	3
Uruguay				96	4		80	19	0	81	19	0
Missing 9				54	45	1						
Other countries	38	61	2									
<b>Old World subtotal</b>				48	51	1	55	44	2	53	45	2
<b>New World subtotal</b>				57	39	4	61	34	4	65	31	4
<b>World total</b>	<b>46</b>	<b>53</b>	<b>1</b>	<b>49</b>	<b>49</b>	<b>1</b>	<b>56</b>	<b>42</b>	<b>2</b>	<b>56</b>	<b>41</b>	<b>2</b>

Table 9: Red winegrape area and share of all varieties, by country, 2000, 2010 and 2016, and change between 2000 and 2016 (ha and %)

Country	Area (ha) of red varieties			Changes in red varieties		Red varieties' share (%) of national area		
	2000	2010	2016	2000 to 2016		2000	2010	2016
				Hectares	%			
Algeria	30200	30200	8000	-22200	-74	100	100	96
Argentina	105606	125271	129381	23775	23	53	59	63
Armenia			4405					30
Australia	77372	92200	84141	6768	9	59	61	64
Austria	12977	16137	15306	2329	18	27	35	34
Brazil	31721	40874	27998	-3722	-12	60	83	84
Bulgaria	58273	35543	31196	-27077	-46	61	63	59
Cambodia			10					100
Canada	4740	4548	5272	531	11	56	45	42
Chile	86936	81017	101275	14339	16	76	73	69
China		28350	152353				96	86
Croatia	15084	7085	4405	-10679	-71	25	34	38
Cyprus	14625	5707	3187	-11438	-78	80	66	62
Czechia	3399	5556	4392	993	29	30	34	32
Ethiopia		111	111				66	66
France	596377	561527	534071	-62306	-10	69	67	66
Georgia	4563	5853	5853	1290	28	12	12	12
Germany	25180	36792	34175	8995	36	24	36	36
Greece	18901	23965	21491	2590	14	37	44	42
Hungary	20939	21090	19111	-1829	-9	24	30	30
India			700					26
Israel	2970	2970	4148	1177	40	61	61	83
Italy	328902	356033	326428	-2474	-1	52	57	54
Japan		2213	1769				60	46
Kazakhstan		955	944				14	14
Korea, Rep.	5300	5300	5300			98	98	98
Lebanon			2182					55
Luxembourg	67	101	126	59	89	5	8	10
Mexico		3409	3534				62	65
Moldova	35741	35741	42442	6701	19	40	40	51
Morocco	40699	40165	8830	-31870	-78	82	82	50
Myanmar		44	40				59	56
New Zealand	2825	7689	7851	5027	178	28	24	22
North Macedonia			14826					60
Norway			4					34
Peru		2292	2292				60	60
Portugal	119300	109783	118392	-908	-1	58	67	65
Romania	61576	52817	61869	292	0	28	31	34
Russia	10706	9795	18936	8230	77	19	38	37
Serbia	21390	21390	11970	-9420	-44	31	31	54
Slovakia	2649	3723	3063	414	16	17	29	40
Slovenia	6103	5282	4926	-1177	-19	26	32	31
South Africa	33512	44049	42561	9049	27	36	44	44
Spain	460529	558859	469385	8857	2	39	54	53
Switzerland	7913	8574	8515	602	8	53	58	58
Taiwan	1530	1530	94	-1436	-94	54	54	63
Thailand		99	111				66	53
Tunisia	16836	16836	1707	-15129	-90	100	100	50
Turkey		8677	9355				67	68
Ukraine		16149	9170				31	36
United Kingdom	200	405	867	667	333	23	34	47
United States	96153	143076	153116	56963	59	55	63	64
Uruguay	8555	6152	5476	-3079	-36	96	80	81
Missing 9	43589					54		
<b>Old World subtotal</b>	<b>1915900</b>	<b>1997305</b>	<b>1802804</b>	<b>-113096</b>	<b>-6</b>	<b>48</b>	<b>55</b>	<b>53</b>
<b>New World subtotal</b>	<b>454450</b>	<b>588629</b>	<b>724255</b>	<b>269805</b>	<b>59</b>	<b>57</b>	<b>61</b>	<b>65</b>
<b>World total</b>	<b>2413939</b>	<b>2585934</b>	<b>2527059</b>	<b>113120</b>	<b>5</b>	<b>49</b>	<b>56</b>	<b>56</b>

Table 10: White winegrape area and share of all varieties, by country, 2000, 2010 and 2016, and change between 2000 and 2016 (ha and %)

Country	Area (ha) of white varieties			Changes in white varieties 2000 to 2016		White varieties' share (%) of national area		
	2000	2010	2016	Hectares	%	2000	2010	2016
Algeria			300					4
Argentina	60656	57591	47671	-12985	-21	31	27	23
Armenia	11206	11206	10300	-906	-8	100	100	70
Australia	53230	56292	44641	-8589	-16	41	37	34
Austria	34840	28890	29623	-5217	-15	72	63	65
Brazil	21119	8523	5199	-15921	-75	40	17	16
Bulgaria	37724	16431	17429	-20295	-54	39	29	33
Cambodia								
Canada	3548	4971	6637	3089	87	42	49	53
Chile	27028	30408	44160	17133	63	24	27	30
China		1193	25647				4	14
Croatia	44364	13394	7341	-37023	-83	75	65	62
Cyprus	3656	2901	1946	-1710	-47	20	34	38
Czechia	7932	9782	8382	450	6	70	60	62
Ethiopia		58	58				34	34
France	263593	269576	276551	12958	5	30	32	34
Georgia	32836	42122	42121	9285	28	88	88	88
Germany	75241	59837	55328	-19913	-26	72	59	59
Greece	24052	20174	18860	-5191	-22	47	37	37
Hungary	61657	42335	38187	-23470	-38	71	61	60
India		2000						74
Israel	1881	1881	852	-1029	-55	39	39	17
Italy	301118	252293	259257	-41861	-14	47	40	43
Japan		1282	1155				35	30
Kazakhstan		5598	5609				81	81
Korea, Rep.								
Lebanon			1818					45
Luxembourg	1126	1057	978	-148	-13	84	81	75
Mexico		2056	1931				38	35
Moldova	52061	52061	38896	-13165	-25	58	58	47
Morocco	8901	8835	8760	-140	-2	18	18	50
Myanmar		31	31				41	44
New Zealand	6984	22772	25187	18203	261	70	71	71
North Macedonia			9951					40
Norway			8					66
Peru		1532	1532				40	40
Portugal	85703	53704	57011	-28691	-33	42	33	31
Romania	158209	115899	118982	-39227	-25	71	68	65
Russia	45626	15755	31780	-13846	-30	81	61	63
Serbia	47609	47609	9932	-37677	-79	69	69	45
Slovakia	12932	8671	4685	-8246	-64	83	69	60
Slovenia	17369	10571	10555	-6814	-39	74	65	66
South Africa	60040	56704	52834	-7205	-12	64	56	55
Spain	721155	469322	412658	-308497	-43	61	46	47
Switzerland	6979	6029	6045	-934	-13	46	41	41
Taiwan	1303	1303	55	-1248	-96	46	46	37
Thailand		44	91				30	44
Tunisia			1693					50
Turkey		4179	4349				33	32
Ukraine		35458	15996				68	64
United Kingdom	673	734	919	246	37	77	61	50
United States	78616	79566	78987	370	0	45	35	33
Uruguay	325	1493	1258	933	287	4	19	19
Missing 9	35720					45		
<b>Old World subtotal</b>	<b>2057771</b>	<b>1605571</b>	<b>1506176</b>	<b>-551595</b>	<b>-27</b>	<b>51</b>	<b>44</b>	<b>45</b>
<b>New World subtotal</b>	<b>313522</b>	<b>326554</b>	<b>340001</b>	<b>26479</b>	<b>8</b>	<b>39</b>	<b>34</b>	<b>31</b>
<b>World total</b>	<b>2407014</b>	<b>1932125</b>	<b>1846178</b>	<b>-560836</b>	<b>-23</b>	<b>49</b>	<b>42</b>	<b>41</b>

Table 11: Grey winegrape area and share of all varieties, by country, 2000, 2010 and 2016, and change between 2000 and 2016 (ha and %)

Country	Area (ha) of grey varieties			Changes in grey varieties		Grey varieties' share (%) of national area		
	2000	2010	2016	Hectares	%	2000	2010	2016
Algeria								
Argentina	31156	30510	29290	-1865	-6	16	14	14
Armenia								
Australia		3296	3653				2	3
Austria	679	507	510	-169	-25	1	1	1
Brazil		15	8				0	0
Bulgaria		4159	4349				7	8
Cambodia								
Canada	210	578	692	481	229	2	6	5
Chile	2	100	437	435	21767	0	0	0
China		2					0	
Croatia		275					1	
Cyprus								
Czechia		904	826				6	6
Ethiopia								
France	4876	4450	4260	-615	-13	1	1	1
Georgia	20	26	26	6	28	0	0	0
Germany	3812	5506	4998	1186	31	4	5	5
Greece	7962	10251	10493	2531	32	16	19	21
Hungary	4290	6290	6583	2293	53	5	9	10
India								
Israel								
Italy	6643	17374	18867	12224	184	1	3	3
Japan		220	945				6	24
Kazakhstan		385	385				6	6
Korea, Rep.	100	100	100			2	2	2
Lebanon								
Luxembourg	155	146	196	41	26	11	11	15
Mexico								
Moldova	2042	2042	1263	-779	-38	2	2	2
Morocco								
Myanmar								
New Zealand	133	1503	2425	2292	1723	1	5	7
North Macedonia								
Norway								
Peru		7	7				0	0
Portugal		35	7245				0	4
Romania	2388	1576	1911	-476	-20	1	1	1
Russia		78	78				0	0
Serbia			112					1
Slovakia		242					2	
Slovenia		501	508				3	3
South Africa	104	264	380	276	266	0	0	0
Spain	122	77	1514	1392	1140	0	0	0
Switzerland	149	216	233	84	56	1	1	2
Taiwan								
Thailand		6	5				4	2
Tunisia								
Turkey								
Ukraine		685					1	
United Kingdom		59	53				5	3
United States	923	5307	7529	6605	715	1	2	3
Uruguay		12	9				0	0
Missing 9	912					1		
<b>Old World subtotal</b>	<b>33137</b>	<b>55725</b>	<b>64358</b>	<b>31221</b>	<b>94</b>	<b>1</b>	<b>2</b>	<b>2</b>
<b>New World subtotal</b>	<b>32628</b>	<b>41977</b>	<b>45533</b>	<b>12905</b>	<b>40</b>	<b>4</b>	<b>4</b>	<b>4</b>
<b>World total</b>	<b>66677</b>	<b>97702</b>	<b>109891</b>	<b>43215</b>	<b>65</b>	<b>1</b>	<b>2</b>	<b>2</b>

Table 12: Number of prime varieties and their bearing area, and their global shares, by country of origin of prime, 2000, 2010 and 2016 (ha and %)

	No. of primes	Global hectares of prime			Share (%) of number of primes			% of global bearing area		
		2000	2010	2016	2000	2010	2016	2000	2010	2016
OW France	280	1359212	1720234	1744155	24.1	17.2	15.9	31.2	39.2	42.2
OW Spain	117	1328846	1142234	957371	9.6	7.0	5.8	30.5	26.0	23.1
OW Italy	347	616536	545383	516172	26.9	23.8	21.8	14.1	12.4	12.5
OW Portugal	202	135318	131816	141887	6.5	14.3	12.8	3.1	3.0	3.4
OW Greece	47	111004	107100	119501	4.4	2.8	2.6	2.5	2.4	2.9
OW Germany	90	115274	112929	114391	5.3	4.4	5.5	2.6	2.6	2.8
NW Argentina	19	82907	76763	73460	1.9	1.3	0.8	1.9	1.7	1.8
OW Georgia	19	85054	80868	71954	1.8	1.3	1.2	2.0	1.8	1.7
OW Croatia	27	144414	107048	66247	0.8	1.9	0.6	3.3	2.4	1.6
OW Austria	20	71983	70215	64732	1.7	1.3	1.3	1.7	1.6	1.6
NW United States	116	80677	70539	51703	4.5	5.2	6.8	1.9	1.6	1.2
OW Hungary	98	38416	48978	48515	1.7	5.7	6.0	0.9	1.1	1.2
OW Moldova	40	25208	20992	35704	1.0	1.1	2.4	0.6	0.5	0.9
OW Bulgaria	11	34913	20628	26899	0.5	0.7	0.4	0.8	0.5	0.7
OW Romania	36	7696	20277	19103	0.4	2.5	2.3	0.2	0.5	0.5
OW Turkey	16	16764	10060	11763	1.4	1.0	1.0	0.4	0.2	0.3
OW Montenegro	1	na	149	9503		0.1	0.1	na	0.0	0.2
OW Switzerland	70	13629	14355	8992	1.6	1.2	4.4	0.3	0.3	0.2
NW South Africa	8	7251	7164	7933	0.8	0.6	0.5	0.2	0.2	0.2
NW United Kingdom	1	7068	8140	7680	0.1	0.1	0.1	0.2	0.2	0.2
OW Ukraine	21	12760	12141	7632	1.2	1.0	1.1	0.3	0.3	0.2
NW China	4	na	175	7575	0.1	0.1	0.3	na	0.0	0.2
NW Japan	11	6059	6306	5529	0.4	0.3	0.7	0.1	0.1	0.1
OW Cyprus	4	13711	5960	5133	0.2	0.3	0.1	0.3	0.1	0.1
OW Armenia	5	3854	3928	na	0.5	0.4		0.1	0.1	na
OW Russia	17	1435	3045	3639	0.3	0.9	1.0	0.0	0.1	0.1
NW Brazil	15	10	1714	3596	0.1	0.4	0.8	0.0	0.0	0.1
OW Serbia	9	15180	15267	1972	0.1	0.3	0.6	0.3	0.3	0.0
OW Slovenia	5	365	1297	1154	0.1	0.2	0.3	0.0	0.0	0.0
OW Azerbaijan	2	470	673	673	0.2	0.1	0.1	0.0	0.0	0.0
OW North Macedonia	1	na	na	400		0.1	na	na	0.0	0.0
OW Kazakhstan	1	269	385	385	0.1	0.1	0.1	0.0	0.0	0.0
NW Peru	5	236	353	338	0.5	0.4	0.3	0.0	0.0	0.0
OW Israel	2	374	227	281	0.2	0.1	0.1	0.0	0.0	0.0
OW Morocco	3	19286	19243	257	0.3	0.2	0.1	0.4	0.4	0.0
OW Lebanon	1	1837	381	211	0.1	0.1	0.1	0.0	0.0	0.0
OW Bosnia and Herzegovina	1	na	na	185		0.1	na	na	0.0	0.0
NW Canada	15	39	55	182	0.1	0.3	0.9	0.0	0.0	0.0
OW Slovakia	4	na	182	na		0.3	na	0.0	na	na
NW Australia	9	166	72	156	0.2	0.1	0.6	0.0	0.0	0.0
OW Uzbekistan	1	64	64	na	0.1	0.1		0.0	0.0	na
NW Thailand	1	11	16	54	0.1	0.1	0.1	0.0	0.0	0.0
NW Chile	2	107	40	44	0.1	0.1	0.1	0.0	0.0	0.0
OW Czechia	10	na	1589	26		0.6	0.2	na	0.0	0.0
NW Taiwan	1	na	na	5		0.1	na	na	0.0	0.0
OW Belgium	1	2	na	na	0.1	0.1	0.1	0.0	na	na
OW Algeria	1	3	1	0	0.1		0.0	0.0	0.0	0.0
<b>Old World subtotal</b>	<b>1507</b>	<b>4173811</b>	<b>4217585</b>	<b>3978838</b>	<b>91.1</b>	<b>91.2</b>	<b>87.9</b>	<b>95.8</b>	<b>96.1</b>	<b>96.2</b>
<b>New World subtotal</b>	<b>209</b>	<b>184531</b>	<b>171337</b>	<b>158255</b>	<b>8.9</b>	<b>8.8</b>	<b>12.1</b>	<b>4.2</b>	<b>3.9</b>	<b>3.8</b>
<b>World total*</b>	<b>1716</b>	<b>4358407</b>	<b>4388986</b>	<b>4137093</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

\* na means not available, because areas are hidden in the "other varieties" residual category for some countries. Hence the world total areas are less than in Table 2 etc.

Table 13: Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Abou	R	Abbo	Morocco	2375	0.051	168			
Abbuoto	R		Italy	37	0.001	787	18	0.000	866
Abondant	W		France	0	0.000	1315	0	0.000	1398
Abouriou	R		France	329	0.007	435	310	0.007	414
Abrusco	R	Colorino	Italy	423	0.009	393	215	0.005	470
Accent	R		Germany				1	0.000	1292
Acolon	R		Germany	490	0.011	377	477	0.011	359
Adakarasi	R	Adakarasi	Turkey	69	0.001	689	89	0.002	599
Adalmiina	W	Aldalmiina	United States				5	0.000	1073
Adirondac	R		United States				24	0.001	827
Admirable de Courtiller	W		France	28	0.001	839	27	0.001	805
Afus Ali	W	Karaburnu; Afuz-Ali; Roseti; Regina; Waltham Cross	Lebanon	381	0.008	407	211	0.005	474
Agadai	W		Russia						
Agasfark	R	Tarcali Kék	Hungary				0	0.00	1517
Agiorgitiko	R		Greece	2905	0.063	151	3272	0.073	136
Aglianico	R	Aglianico del Vulture; Aglianico	Italy	9995	0.217	70	9734	0.217	71
Aglianiconne	R		Italy	62	0.001	707	30	0.001	778
Agni	R		Czechia	6	0.000	1060			
Agronomica	R		Portugal	327	0.007	437	299	0.007	419
Aqua Santa	R		Portugal	78	0.002	669	76	0.002	630
Ahmeur Bou Ahmeur	R	Argelina	Algeria	1	0.000	1249	0	0.000	1405
Airén	W	Airen; Burra Blanca; Forcallat Blanca	Spain	252364	5.467	3	203801	4.546	4
Aladasturi	R		Georgia	59	0.001	716	59	0.001	662
Alarije	W	Malfar	Spain	1726	0.037	197	4407	0.098	123
Alb Aromat	W		Romania	24	0.001	861	24	0.001	829
Alb de Ialoveni	W		Moldova	2	0.000	1179			
Alb de Suruceni	W		Moldova				780	0.017	283
Albalonga	W		Germany	15	0.000	934	12	0.000	932
Albana	W		Italy	1523	0.033	208	782	0.017	282
Albanello	W		Italy	18	0.000	909	2	0.000	1178
Albaranzeuli Bianco	W		Italy	7	0.000	1044	2	0.000	1161
Albaranzeuli Nero	R		Italy	49	0.001	752	28	0.001	797
Albarín Blanco	W	Albarín Blanco; Branco Lexítimo- B	Spain	23	0.000	876	48	0.001	703
Albarola	W	Bianchetta Genovese	Italy	197	0.004	520	95	0.002	584
Albarossa	R		Italy	80	0.002	662	70	0.002	642
Albilló Mayor	W	Albillá	Spain	1319	0.029	230	1152	0.026	238
Albilló Real	W	Albilló	Spain	861	0.019	294	601	0.013	326
Alcañón	W	Alcanón	Spain	60	0.001	714	27	0.001	801
Aleatico	R		Italy	346	0.007	427	165	0.004	509
Aledo	W		Spain	7	0.000	1041	2	0.000	1167
Aleksandrouli	R	Alexandrouli	Georgia	281	0.006	461	281	0.006	433
Aletta	W		Hungary	723	0.016	316	1676	0.037	193
Alfrocheiro	R	Bastarda Negra; Bastardo Negro; Bruñal; Tinta Bastardinha	Portugal	1188	0.026	247	1216	0.027	229
Alicante Henri Bouschet	R	Alicante; Alicante Bouchet; Alicante Bouschet; Alicante H. Bouschet/Tintorera; Alicante H Bouschet Tintor; Alikante Mouse; Garnacha Tintorera; Tintoreras	France	38462	0.833	22	36031	0.804	22
Aligoté	W	Aligote; Mukhranuli	France	36120	0.783	24	26929	0.601	31
Alionza	W		Italy	11	0.000	984	9	0.000	985
Almafria	W	Almafrie	Portugal	0	0.000	1334	0	0.000	1492
Alphonse Lavallée	R	Alfonso Lavalle; Alphonse Lavallee	France	862	0.019	292	634	0.014	316
Altesse	W		France	359	0.008	417	227	0.005	461
Alutus	R		Romania	2	0.000	1195	2	0.000	1214
Alvar Branco	W	Alvar	Portugal	0	0.000	1327	0	0.000	1454
Alvar Roxo	G		Portugal	2	0.000	1190	2	0.000	1205
Alvarelhão	R	Alvarelhao; Alvarinho; Brancellao; Pilongo	Portugal	5701	0.124	105	2910	0.065	144
Alvarelhao Ceitao	R		Portugal	0	0.000	1379	0	0.000	1536
Alvarinho	W	Albarifio; Albarino; Albariño;	Portugal				5545	0.124	103
Amaral	R		Portugal	92	0.002	632	93	0.002	586
Amigne	W		Switzerland	43	0.001	769	42	0.001	719
Amur	R		Moldova	146	0.003	561	146	0.003	520
Amurg	R		Romania	3	0.000	1131	3	0.000	1116
Ancellotta	R	Ancellotta; Ancelota	Italy	4681	0.101	113	2739	0.061	151
Andor	W		Hungary				1	0.000	1346
Andre	W		Italy	477	0.010	380	5	0.000	1069
Antao Vaz	W		Portugal	1252	0.027	237	1768	0.039	187
Apiren Alb	W		Moldova				1	0.000	1244
Apiren Roz	R		Moldova				0	0.000	1373
Ar110	G		Peru	1	0.000	1248	1	0.000	1296
Ar99	G		Peru	5	0.000	1084	5	0.000	1070

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Aramon Bouschet	R		France						
Aramon Noir	R	Amor-Nao-Me-Deixes; Aramon;	France	2601	0.056	161	1181	0.026	235
Aramon Noir (W)	R	Aromon Blanc; Aramon Blanc	France	15	0.000	935	14	0.000	909
Aramont	R		France				0	0.000	1451
Aranel	W		France	5	0.000	1078	5	0.000	1057
Arany Sárfehér	W	Arany Sarfeher; Izsaki Sarfeher	Hungary	1133	0.025	253	586	0.013	328
Arbane	W		France	2	0.000	1188	1	0.000	1253
Arcas	R		Romania	1	0.000	1258	1	0.000	1303
Argaman	R		Israel	202	0.004	516	275	0.006	434
Ariana	R		Czechia	3	0.000	1134			
Arinarnoa	R	Merlot, Petit Verdot	France	189	0.004	526	486	0.011	355
Arinto de Bucelas	W	Arinto; Arinto Roxo	Portugal	4482	0.097	119	5409	0.121	104
Arkadia	W	Arcadia; Nastea	Ukraine				303	0.01	417
Arneis	W		Italy	1122	0.024	254	1179	0.026	236
Arnsburger	W		Germany	30	0.001	822	29	0.001	783
Aromat de Iasi	W		Romania	62	0.001	708	66	0.001	649
Aromella	W	Aromella (NY 76)	United States				3	0.000	1142
Arriloba	W		France	55	0.001	727	54	0.001	674
Arrouya	R		France	0	0.000	1380	0	0.000	1539
Arrufiac	W		France	80	0.002	661	9	0.000	984
Arvesiniadu	W		Italy	30	0.001	827	13	0.000	924
Arvine	W	Arvine (Petite); Petite Arvine	Switzerland	172	0.004	538	192	0.004	489
Asirtiko Red	R		Greece	5	0.000	1086	5	0.000	1064
Aspiran Bouschet	R	Aspirant Bouschet	France	2245	0.049	174	4088	0.091	127
Asproudá	W	Asproudí	Greece	113	0.002	596	120	0.003	553
Assaraky	W	Assaraká	Portugal	1	0.000	1233	0	0.000	1361
Assyrtiko	W	Asyrtiko	Greece	902	0.020	284	1770	0.039	186
Astra	W		Romania	0	0.000	1330	0	0.000	1429
Athiri	W	Athiri Aspro	Greece	748	0.016	310	577	0.013	332
Aubin Blanc	W		France	1	0.000	1256	1	0.000	1332
Aubun	R	Corvo	France	553	0.012	356	537	0.012	341
Augster Blau	R	Kék Bajor; Fekete Fájú Bajor; Gohér	Austria				0	0.000	1484
Augster Weiss	W	Gohér; Goher	Hungary	1	0.000	1275	1	0.000	1333
Augustovski	W		Moldova				0	0.000	1406
Aurelius	W		Czechia	70	0.002	687			
Aurore	W	Aurora	France	268	0.006	471	255	0.006	443
Auxerrois	W	Aucerot	France	2785	0.060	154	2853	0.064	146
Avana	R		Italy	28	0.001	840	18	0.000	867
Avarengo	R		Italy	987	0.021	272	153	0.003	515
Avesso	W		Portugal	685	0.015	326	699	0.016	298
Azal	W	Azal Branco	Portugal	1072	0.023	265	1443	0.032	212
Bâbească Neagră	R	Babeasca Neagra; Rara Neagra	Romania	3122	0.068	144	2696	0.060	153
Bâbească Neagră (G)	R	Babeasca Gri; Bâbească Gris; Babeasca Gris	Romania	328	0.007	436	297	0.007	421
Babić	R	Babík	Croatia	359	0.008	418			
Babica	R		Croatia	18	0.000	908			
Babosa de Madere	W	Babosa	Portugal	2	0.000	1168	2	0.000	1224
Bacchus	W		Germany	2113	0.046	180	1759	0.039	188
Baco Blanc	W		France	739	0.016	312	528	0.012	345
Baco Noir	R	Baco; Baco Noir; Baco Noir, Chambourcin, etc.	France	475	0.010	381	735	0.016	290
Bácska	G	Baska	Serbia				7	0.000	1008
Baga	R	Carrasqueno; Carrega Burros	Portugal	4108	0.089	123	6750	0.151	94
Bailey	R		United States	34	0.001	801	49	0.001	699
Bakator Belyi	W	Ardeleanca	Russia	11	0.000	985	11	0.000	941
Bakator Kék	R	Kek Bakator; Bakator Kek	Hungary	3	0.000	1152	2	0.000	1163
Bakator Roz	R	Piros Bakator	Hungary	16	0.000	926	16	0.000	884
Balada	R		Romania	0	0.000	1295	0	0.000	1365
Baleille	W		France						
Baratuciat	W		Italy	2	0.000	1189	2	0.000	1206
Barbarossa	G		Italy						
Barbaroux	G		France	30	0.001	826	29	0.001	784
Barbera	R	Barbera Nera	Italy	24366	0.528	36	17824	0.398	44
Barbera Bianca	W		Italy	181	0.004	532	114	0.003	560
Barbera Sarda	R		Italy	84	0.002	649	70	0.002	641
Barcelo	W		Portugal	23	0.000	878	26	0.001	806
Bariadorgia	W		Italy						
Barkhatnyi	W	Barkhatny	Russia	30	0.00	825	30	0.00	780
Baron	R		Germany				1	0.00	1271
Baroque	W		France	94	0.00	629	83	0.00	610
Barreto de Semente	R	Barreto	Portugal	3	0.00	1156	3	0.00	1158
Barsaglina	R		Italy	17	0.00	916	9	0.00	986
Bastardo Branco	W		Portugal	15	0.00	940	14	0.00	911

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Bastardo Magarachsky	R	Bastardo Magaraceskii; Bastardo Magarachskiy; Bastardo Magareceski	Ukraine	2370	0.05	169	180	0.00	497
Batili	W		Greece						
Batily	R		Greece	54	0.00	732	1	0.00	1274
Batoca	W		Portugal	11	0.00	972	8	0.00	996
Batuta Neagra	R		Moldova	3	0.00	1148	3	0.00	1140
Bayanshira	W	Bayan-Shirey	Azerbaijan	645	0.01	334	645	0.01	313
Beba		Breval; Iso; Teta de Vaca; Teneron; Valency	Spain	6524	0	94	2556	0.06	158
Beclan	R		France	0	0.00	1322	0	0.00	1501
Beibinghong	R		China				1600	0.04	203
Bellandais	R		France						
Bellone	W		Italy	511	0.01	368	184	0.00	494
Beogradска Crna	W		Serbia				0	0.00	1416
Bequignol Gris	W	Pintes	France	3	0.00	1147	2	0.00	1172
Béquignol Noir	R	Bequignol; Bequignol Noir	France	891	0.02	287	616	0.01	322
Bianca	W		Hungary	6462	0.14	95	9766	0.22	70
Biancame	W		Italy	2599	0.06	162	1336	0.03	220
Bianchetta Trevigiana	W		Italy	13	0.00	950	12	0.00	937
Bianco d'Alessano	W		Italy	419	0.01	396	39	0.00	725
Biancolella	W		Italy	164	0.00	545	23	0.00	840
Biancone di Portoferraio	W	Biancone	Italy	78	0.00	668	34	0.00	758
Biancu Gentile	W		France	9	0.00	1016	5	0.00	1055
Biborkadarka	R	Bibor Kadarka; Biborkadarka; Bíbor kadarka	Hungary	136	0.00	573	109	0.00	570
Bical	W		Portugal	924	0.02	279	1076	0.02	248
Birstaler Muskat	W		Switzerland				1	0.00	1285
Black Prince	R	San Francisco	United States				1	0.00	1341
Black Queen	R	Black Queen/Pokdum	Japan	713	0.02	319	143	0.00	525
Blanc Dame	W		France	0	0.00	1336	0	0.00	1450
Blanc du Bois	W		United States	28	0.00	836	81	0.00	617
Blanca Ovoide	W		Chile	40	0.00	776	44	0.00	715
Blanqueiro	W		France						
Blasius	W		Romania	14	0.00	944	15	0.00	896
Blattner Cal 1-15	R	VB Cal 1-15	Switzerland				0	0.00	1493
Blattner Cal 1-20	R	VB Cal 1-20	Switzerland				0	0.00	1366
Blattner Cal 1-22	R	VB Cal 1-22	Switzerland				0	0.00	1388
Blattner Cal 1-28	R	VB Cal 1-28	Switzerland				2	0.00	1213
Blattner Cal 1-31	R	VB Cal 1-31	Switzerland				0	0.00	1505
Blattner Cal 1-36	R	VB Cal 1-36	Switzerland				1	0.00	1249
Blattner Reds	R		Switzerland	39	0.00	779	8	0.00	992
Blattner Whites	W		Switzerland	25	0.00	853	7	0.00	1013
Blauburger	R	Blauberger; Experimental Red Vinifera, Petite Sirah, Pinot Meunier, Sangiovese;	Austria	1339	0.03	228	1223	0.03	228
Blauer Portugieser	R	Portugieser Blau; Modry Portugal; Oporto; Portoghes; Portugais Bleu; Portugalka; Portugieser, Blauer; Portugizac; Portugues Azul; Portuguese, blue; Ranina; Kékportó	Austria	8027	0.17	85	6590	0.15	95
Blauer Wildbacher	R	Wildbacher	Austria	368	0.01	413	437	0.01	374
Blaufränkisch	R	Blaufränkisch; Blaufränkisch/Lemberger; Borgona; Borgonja; Burgund Mare; Franconia; Frankovka; Frankovka Modra; Lemberger; Limberger, Blauer; Modra Frankinja; Kékfrankos	Austria	17890	0.39	44	17180	0.38	46
Blush Seedless	R		United States						
Boal Barreiro	W		Portugal	1	0.00	1281	0	0.00	1415
Boal Vencedor	W	Vencedor	Portugal	2	0.00	1159	2	0.00	1182
Bobal	R	Bobal, Provechon	Spain	80120	1.74	11	59189	1.32	13
Bogazkere	R	Bogazkere	Turkey	1106	0.02	257	1436	0.03	215
Bogdanuša	W	Bogdanusa	Croatia	48	0.00	757			
Boiziau	R		France						
Bokay	W		United States				4	0.00	1091
Bombino Bianco	W		Italy	1239	0.03	238	1147	0.03	239
Bombino Nero	R		Italy	1201	0.03	245	865	0.02	272
Bonamico	R	Buonamico	Italy	233	0.01	495	149	0.00	518
Bonarda Grande	R		Italy						
Bonarda Piemontese	R	Durasa	Italy	6	0.00	1062	5926	0.13	100
Bonda	R		Italy	7	0.00	1045	7	0.00	1005
Bondola	R		Switzerland	13	0.00	957	11	0.00	953
Borraçal	R	Borracal; Caino Tinto; Caño Tinto	Portugal	683	0.01	327	512	0.01	347
Borsmenta	W		Hungary				1	0.00	1291

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Bosco	W		Italy	82	0.00	655	50	0.00	694
Bouchales	R		France	95	0.00	626	93	0.00	588
Bouillet	R		France	1	0.00	1263	1	0.00	1321
Bourboulenc	W		France	585	0.01	347	501	0.01	351
Bousquet Precoce	W		France	6	0.00	1069	0	0.00	1498
Bouvier	W	Bouvierovo Hrozno	Slovenia	250	0.01	485	224	0.00	464
Bracciola Nera	R		Italy	26	0.00	849	4	0.00	1106
Brachetto del Piemonte	R	Brachetto	Italy	1460	0.03	215	1694	0.04	191
Branco Escola	W		Portugal	2	0.00	1187	2	0.00	1200
Branco Gouvaes	W	Touriga Branca	Portugal	36	0.00	791	34	0.00	754
Branco Sr. Joao	W	Branco Joao	Portugal	0	0.00	1297	0	0.00	1440
Branco Valente	W	Valente	Portugal	0	0.00	1329	0	0.00	1468
Brandam	W		Portugal	312	0.01	446	291	0.01	425
Braquet Noir	R		France	12	0.00	966	12	0.00	933
Breidecker	W		Germany	7	0.00	1040	0	0.00	1368
Brianna	W		United States	12	0.00	962	21	0.00	850
Bric	R		Italy	2	0.00	1163	1	0.00	1239
Brocada	W		Spain						
Bronner	W		Germany	9	0.00	1015	6	0.00	1031
Brun Argente	R		France	11	0.00	976	11	0.00	951
Budai Zöld	W	Budai	Hungary	6	0.00	1054	6	0.00	1042
Buffalo	R		United States				0	0.00	1532
Bukettraube	W		Germany	71	0.00	683	54	0.00	673
Burdin	W		France	0	0.00	1363	0	0.00	1519
Bussanello	W		Italy	12	0.00	971	3	0.00	1129
Busuioacă de Bohotin	G	Busuioaca De Bohotin	Romania	268	0.01	470	343	0.01	397
BX 81-83	R		Switzerland				1	0.00	1349
Cabaret Noir	R	Cabernet Noir (VB 91-26-04)	Switzerland				3	0.00	1155
Caberinta	R		Argentina	69	0.00	688	38	0.00	731
Cabernet Blanc	W	Cabernet B; Cabernet Blanc (VB 91-26-01); Cabernet VB; CabVB	Switzerland				6	0.00	1030
Cabernet Cantor	R		Germany				1	0.00	1241
Cabernet Carbon	R		Germany				11	0.00	952
Cabernet Carol	R		Germany				6	0.00	1034
Cabernet Cortis	R		Germany				38	0.00	732
Cabernet Cubin	R		Germany	60	0.00	713	62	0.00	656
Cabernet Diane	R		United States	0	0.00	1299	0	0.00	1371
Cabernet Dore	W		United States	1	0.00	1217	1	0.00	1258
Cabernet Dorio	R		Germany	36	0.00	795	34	0.00	753
Cabernet Dorsa	R		Germany	252	0.01	484	272	0.01	435
Cabernet Early	R		Switzerland				0	0.00	1489
Cabernet Foch	R		Switzerland				2	0.00	1204
Cabernet Franc	R	Bordo; Cabernet Franc - Cabernet Franco;	France	61295	1.33	15	56052	1.25	14
Cabernet Jura	R		Switzerland	19	0.00	897	27	0.00	799
Cabernet Malbec	R		France						
Cabernet Mitos	R		Germany	322	0.01	440	312	0.01	411
Cabernet Moravia	R		Czechia	212	0.00	506			
Cabernet Sanzey	R		Australia				0	0.00	1472
Cabernet Sauvignon	R	Burdeos; Cabernet S.; Cabernet Sauvignon - Cabernet; Cabernet-Sauvignon	France	290083	6.28	1	310671	6.93	1
Cabernet Soyhières	R		Switzerland				1	0.00	1300
Cabernet x Maréchal Foch	R		Switzerland				0	0.00	1476
Cabertin	R	Cabertin (VB 91-26-18); VB 91-26-17	Germany				2	0.00	1220
Cabinda	R		Portugal	362	0.01	416	355	0.01	392
Cabral	R	Malvasia Cabral	Portugal	2	0.00	1184	2	0.00	1194
Caddiu	R		Italy	309	0.01	449	83	0.00	609
Caiño Blanco	W	Cainho; Cainho de Moreira; Caino Blanco;	Portugal	128	0.00	584	77	0.00	627
Caladoc	R		France	3675	0.08	130	5258	0.12	108
Calagranó	W		Spain	4794	0.10	112			
Calitor Noir	R		France	26	0.00	847	26	0.00	814
Çalkarasi	R	Calkarasi; Çalkarasi	Turkey	625	0.01	341	806	0.02	276
Callet	R		Spain	154	0.00	552	138	0.00	530
Calmeria	W		United States				0	0.00	1401
Caloria	R		Italy	108	0.00	604	45	0.00	712
Calrao	R		Portugal	1	0.00	1231	1	0.00	1302
Camaralet de Lasseube	W	Camarate	France	520	0.01	363	306	0.01	416
Campanario	R		Portugal	2	0.00	1183	2	0.00	1197
Campbell Early	R		United States	61	0.00	711	238	0.01	453
Canada Muscat	W		United States				120	0.00	552
Canadice	R		United States	0	0.00	1324	0	0.00	1370

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Canaiolo Nero	R	Canaiolo; Canaiolo Rosa	Italy	1068	0.02	266	1033	0.02	250
Canari Noir	R	Canari; Folle Noire (Vidiella); Folle Noire	France	163	0.00	547	84	0.00	608
Canelas	G		Argentina	1	0.00	1211	3	0.00	1143
Canelon	R		Argentina	8	0.00	1023			
Canner Seedless	W		United States	0	0.00	1366	0	0.00	1506
Canorroyo	W		Spain						
Capolongo	W		Italy	5	0.00	1077	0	0.00	1359
Caracol	W		Portugal	33	0.00	812	33	0.00	763
Caramela	W		Portugal	0	0.00	1290	0	0.00	1372
Carbernet Volos	R	UD-32.078	Italy				0	0.00	1488
Cardinal	R	Cardenal; Kardinal Crveni	United States	536	0.01	359	1660	0.04	195
Carica l'Asino	W		Italy	17	0.00	911	5	0.00	1054
Carignan Bouschet	R		France	1	0.00	1201	1	0.00	1240
Carla	R		France	0	0.00	1356	0	0.00	1477
Carmem	R	BRS Carmen	Brazil				328	0.01	402
Carmenère	R	Cabernet Gernisch; Carmenere; Carmenère - Grande Vidure; Carmenere Crni	France	11366	0.25	63	22486	0.50	36
Carmine	R		United States						
Carminoir	R	Carmi Noir	Switzerland	10	0.00	990	11	0.00	942
Carnelian	R		United States	316	0.01	443	123	0.00	544
Carrega Branco	W		Portugal	507	0.01	371	512	0.01	348
Carrega Tinto	R		Portugal	17	0.00	915	17	0.00	877
Carriante	W		Italy	205	0.00	515	35	0.00	750
Cartouche	W		Spain						
Casavecchia	R		Italy	136	0.00	572	92	0.00	590
Cascade	R		France				22	0.00	845
Cascalho	R		Portugal	267	0.01	472	269	0.01	437
Casetta	R		Italy	12	0.00	960	14	0.00	919
Castalia	W		Portugal	0	0.00	1333	0	0.00	1491
Castel	R		France	2	0.00	1167	3	0.00	1136
Castela	R		Portugal	8	0.00	1024	7	0.00	1017
Castelão	R	Castelao; Casteloa; Periquita; Piriquita	Portugal	11088	0.24	64	12580	0.28	57
Castelão Branco	W	Castelao Branco	Portugal	37	0.00	785	18	0.00	869
Castelino	R		Portugal	147	0.00	558	144	0.00	522
Castellana Blanca	W		Spain				1	0.00	1269
Castelo Branco	W		Portugal	5	0.00	1095	2	0.00	1173
Castets	R		France	0	0.00	1375	0	0.00	1542
Castiglione	R		Italy	18	0.00	904	4	0.00	1085
Castonotal	W		Spain						
Catalanesca	W		Italy	54	0.00	733	7	0.00	1016
Catanese Nero	R		Italy	15	0.00	939	7	0.00	1015
Catarratto Bianco	W	Catarratto; Catarratto Bianco Comune; Catarratto Bianco Lucido	Italy	34863	0.76	27	28613	0.64	30
Catawba	R	Katawaba	United States	633	0.01	337	626	0.01	318
Caverdella	W		Australia				5	0.00	1063
Cavrara	R		Italy	23	0.00	875	1	0.00	1237
Çavuş	W		Turkey				3	0.00	1148
Cayetana Blanca	W	Baladi Verdejo; Blanca Cayetana; Mourisco Branco; Pardina; Robal; Sarigo; Doradilla	Spain	39781	0.86	21	36401	0.81	21
Cayuga White	W	Cayuga	United States	212	0.00	507	217	0.00	467
Cellerina	R	Slarina	Italy	2	0.00	1193	2	0.00	1219
Centennial Seedless	W	Centennial Seedless	United States				1	0.00	1260
Centesimino	R		Italy	24	0.00	869	25	0.00	821
Centurian	R		United States	34	0.00	803	33	0.00	761
Cep Rouge	R		France						
Cerceal Branco	W	Cercial	Portugal	379	0.01	408	261	0.01	440
Cereza	G		Argentina	29934	0.65	34	28887	0.64	29
Cesanese	R	Cesanese Comune; Cesanese d'Affile	Italy	679	0.01	329	446	0.01	370
Cesar	R	Cesar N	France	10	0.00	987	15	0.00	906
Cetinka	W		Croatia	35	0.00	800			
Chambourcin	R		France	1097	0.02	258	968	0.02	256
Champanel	R		United States				1	0.00	1248
Chancellor	R		France	49	0.00	751	38	0.00	736
Chaouch Blanc	W	Cavus	Turkey	3	0.00	1155			
Chardonne	W		United States	144	0.00	563	90	0.00	596
Chardonnay	W	Chardonnay - Pinot Chardonnay; Chardonnay Blanc; Chardonnay Musque and Chardonnay	France	199743	4.33	5	201649	4.50	5
Chardoris	W		Switzerland				0	0.00	1445
Charmont	W		Switzerland	10	0.00	1001	10	0.00	965
Chasan	W		France	749	0.02	309	549	0.01	339

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Chasselas	W	Chassela Blanc, Rose; Chaselas Dorada; Chaslas; Chasselas alba; Chasselas Dorato; Chasselas Doré; Chasselas musque; Chasselas/Gutedel; Chasselas Blanc; Gutedel Weisser; Gutedel, Weißer; Plemenka Bijela	Switzerland	13119	0.28	57	7377	0.16	90
Chasselas (R)	W	Chasselas rose; Chasselas Rouge; Chasselas Roxo	Switzerland	95	0.00	627	90	0.00	598
Chasselas Sabor	W		Portugal	0	0.00	1370	0	0.00	1525
Chatus	R		France	79	0.00	665	71	0.00	637
Chelois	R		France	1	0.00	1200	2	0.00	1233
Chelva	W	Forastera Blanca	Spain	6168	0.13	100	5029	0.11	110
Chenanson	R		France	466	0.01	386	452	0.01	367
Chenel	W		South Africa	79	0.00	664	33	0.00	762
Chenin Blanc	W	Chenin; Chenin Blanc - Chenin	France	35703	0.77	25	32221	0.72	27
Chenivesse	R		France						
Chinuri	W		Georgia	1225	0.03	240	1225	0.03	227
Chkhaveri	G		Georgia	26	0.00	851	26	0.00	813
Cianorie	R	Cjanorie	Italy	2	0.00	1157	1	0.00	1252
Cidreiro	R		Portugal	0	0.00	1342	0	0.00	1456
Cienna	R		Australia				70	0.00	639
Ciliegiolo	R		Italy	1830	0.04	193	897	0.02	266
Cinsaut	R	Bastardillo; Cargadora; Cinsault; Cinsaut Seedless; Ottavianello; Sao Saul; Senso	France	34751	0.75	28	22926	0.51	35
Cinsaut (G)	R	Cinsaut Gris	France				2	0.00	1234
Cinsaut (W)	R	Cinsaut Blanc	France	7	0.00	1037	0	0.00	1439
Cinsaut Seedless	R		Spain	13	0.00	954			
Citronny Magarach	W	Citronny of Magarach	Ukraine	307	0.01	451	307	0.01	415
Cividin	W		Italy	4	0.00	1100	4	0.00	1088
Clairette	W	Clairet; Clairette Blanche;	France	3057	0.07	145	2420	0.05	162
Clara	W	BRS Clara	Brazil				0	0.00	1520
Clarín	W		France	6	0.00	1061	6	0.00	1043
Claverie	W		France	1	0.00	1262	1	0.00	1337
Clinton	R		United States				0	0.00	1421
Coarnă Neagră	R	Coarna Neagra	Moldova				114	0.00	561
Cocociolla	W		Italy	983	0.02	273	1671	0.04	194
Coda di Volpe Bianca	W	Guarnaccia	Italy	586	0.01	346	77	0.00	628
Codană	R	Codana	Romania	24	0.00	864	26	0.00	810
Codega de Larinho	W	Codega do Larinho	Portugal	629	0.01	340	455	0.01	366
Codivarta	W		France	2	0.00	1165	1	0.00	1247
Colmar Precoce Noir	R	Prococe de Colmar	France				0	0.00	1423
Colobel	R		France	9	0.00	1005	8	0.00	999
Colombana Nera	R		Italy	38	0.00	782	16	0.00	883
Colombard	W	Colombar; French Colombard	France	32944	0.71	29	29996	0.67	28
Colomino	W		South Africa	5	0.00	1094	2	0.00	1175
Coloraillo	R		Spain	374	0.01	410	109	0.00	571
Columna	W		Romania	24	0.00	868	26	0.00	815
Completer	W		Switzerland	3	0.00	1135	5	0.00	1075
Complexa	R		Portugal	103	0.00	615	103	0.00	577
Concieira	R		Portugal	52	0.00	740	53	0.00	682
Concord	R		United States	12238	0.27	59	10544	0.24	65
Concord Clone 30	R		Brazil				196	0.00	486
Cora	R	BRS Cora	Brazil				570	0.01	333
Coracao de Galo	R		Portugal	1	0.00	1255	1	0.00	1315
Corbina Vicentina	R	Corbina	Italy	12	0.00	963	12	0.00	928
Cordenossa	R		Italy	5	0.00	1075	2	0.00	1208
Cornalin	R	Humagne Rouge	Italy	256	0.01	479	147	0.00	519
Cornarea	R		Italy	13	0.00	951	8	0.00	994
Cornichon Blanc	W	De Cuerno; Decuerno	Italy				1	0.00	1355
Cornifesto	R		Portugal	499	0.01	375	509	0.01	349
Corot Noir	R		United States	27	0.00	846	11	0.00	945
Cortese	W		Italy	2953	0.06	150	2405	0.05	163
Corvina Veronese	R	Corvina	Italy	7496	0.16	89	6240	0.14	97
Corvinone	R		Italy	930	0.02	277	1140	0.03	241
Côt	R	Cot; Cot Rouge; Malbec; Malbek; Malbech	France	38158	0.83	23	52233	1.17	15
Couderc 13	W		France				474	0.01	360
Couderc Noir	R	Couderc	France	3517	0.08	137	2136	0.05	171
Counoise	R		France	408	0.01	398	418	0.01	379
Courbu Blanc	W		France	43	0.00	768	32	0.00	766
Courbu Noir	R		France	1	0.00	1205	1	0.00	1251
Cove	W		Italy	6	0.00	1049	6	0.00	1036
Crâmpoie Selectionată	W	Cramposie Selectionata	Romania	409	0.01	397	18	0.00	870

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Crimposie	W	Cramposie; Crâmpošie	Romania	453	0.01	388	450	0.01	369
Crimson Cabernet	R		United States	1	0.00	1216	1	0.00	1257
Crimson Seedless	R		United States	8	0.00	1029	8	0.00	1003
Criolla Grande	R		Argentina	20745	0.45	40	15596	0.35	48
Criolla Mediana	R		Argentina	3	0.00	1118	7	0.00	1014
Croatina	R		Croatia	5700	0.12	106	2695	0.06	154
Crouchen	W		France	725	0.02	314	319	0.01	409
Crovassa	R		Italy	0	0.00	1323	0	0.00	1420
Cruciulita	W	Alb Rominesc	Romania	0	0.00	1369	0	0.00	1507
Crystal	W	Cristal	China	175	0.00	536	175	0.00	503
Csaba Gyöngye	W	Csabagyongye; Jemciug csaba; Perle of Csaba; Csaba Gyongye; Csabagyöngye	Hungary	89	0.00	636	175	0.00	502
Cserszegi Fűszeres	G	Cserszegi Fuszeres	Hungary	3609	0.08	133	4299	0.10	125
Csillám	W	Csillam	Hungary	20	0.00	895	25	0.00	824
Csokaszőlő	R	Csokaszolo	Hungary	2	0.00	1164	2	0.00	1229
Csomorika	W		Hungary	0	0.00	1293	0	0.00	1364
Dakapo	R		Germany	51	0.00	745	68	0.00	646
Dalkauer	W		Germany						
Damaschino	W	Alicante Branco; Planta Fina; Valenci	Italy	2171	0.05	176	1622	0.04	200
Danam	W		France	0	0.00	1320	0	0.00	1417
Danlas	W		France	255	0.01	480	203	0.00	479
Danuta	W		France	2	0.00	1169	2	0.00	1190
Dattier de St. Vallier	W		France	0	0.00	1296	0	0.00	1375
David Macgregor 8521-1	R	DM 8521-1	United States				2	0.00	1212
Dawn Seedless	W		United States						
De Chaunac	R	De Chaunac and Rosette	France	91	0.00	634	102	0.00	578
De Cilindro	W		Spain				0	0.00	1537
Debina	W	Dembina	Greece	239	0.01	493	14	0.00	914
Debit	W		Croatia	403	0.01	402			
Deckrot	R		Germany	2	0.00	1178	12	0.00	931
Dedo de Dama	W	Almenhaca; Alminhaca	Portugal	1	0.000	1257	1	0.000	1312
Dekabrskii	R	Dekabrsky	Moldova	78	0.00	667	78	0.00	626
Delaware	G		United States	227	0.00	501	421	0.01	377
Delrho	R		France	0	0.00	1332	0	0.00	1447
Deliciosa	R		Portugal	0	0.00	1354	0	0.00	1474
Delisle	W		United States				0	0.00	1482
Devin	W		Slovakia	133	0.00	580			
Diagalves	W		Portugal	1156	0.03	252	1090	0.02	245
Diamond Muscat	W		United States				2	0.00	1170
Dimrit	R		Turkey	863	0.02	291	704	0.02	296
Dimyat	W	Smederevka; Zoumiatiko	Bulgaria	2401	0.05	167	9696	0.22	72
Dindarella	R		Italy	7	0.00	1043	5	0.00	1067
Diolinoir	R		Switzerland	114	0.00	594	122	0.00	548
Dišćea Ranina	W	Diseca Ranina	Croatia	2	0.00	1186			
Divico	R	Divico (IRAC 2091)	Switzerland				10	0.00	964
Divona	W	IRAC 2060	Switzerland				0	0.00	1455
Docal	R		Portugal	0	0.00	1339	0	0.00	1448
Dodrelyabi	R	Gros Colman	Georgia				0	0.00	1386
Doina	R		Moldova	227	0.00	500	227	0.01	460
Dolcetto	R		Italy	6333	0.14	97	4545	0.10	120
Dolciamè	W		Italy	11	0.00	986	6	0.00	1040
Domina	R		Germany	407	0.01	399	375	0.01	387
Dominga	W		Spain	1	0.00	1247			
Dona Branca	W		Portugal	276	0.01	464	204	0.00	478
Dona Joaquina	W		Portugal	24	0.00	871	11	0.00	946
Dona Zillá	R		Brazil				1	0.00	1305
Donaris	W		Romania	1	0.00	1252	1	0.00	1284
Donzelinho Branco	W		Portugal	65	0.00	699	64	0.00	654
Donzelinho Roxo	R		Portugal	0	0.00	1352	0	0.00	1465
Donzelinho Tinto	R		Portugal	33	0.00	809	34	0.00	757
Doral	W		Switzerland	27	0.00	844	35	0.00	744
Dorinto	W	Arinto do Interior	Portugal	115	0.00	593	70	0.00	640
Dornfelder	R	Dom Felder	Germany	8182	0.18	82	7871	0.18	86
Dostoinyi	R		Russia	65	0.00	700	65	0.00	651
Douce Noire	R	Corbeau; Serbina; Bonarda; Charbono; Turca	France	19630	0.43	41	19733	0.44	38
Doukkali	R		Morocco	16557	0.36	48			
Doux d'Henry	R		Italy	9	0.00	1003	6	0.00	1035
Droujba	W	Drujba	Bulgaria	3	0.00	1133			
Drupeggio	W	Canaiolo Bianco	Italy	286	0.01	458	81	0.00	619
DU 31120	R	UD-31.120	Italy				0	0.00	1487
Duna Gyöngye	R		Hungary	63	0.00	705	45	0.00	711
Dunaj	R		Slovakia	46	0.00	762			

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Dunav	R		Bulgaria				11	0.00	943
Dunavski Lazur	W		Bulgaria	483	0.01	378	483	0.01	356
Dunkelfelder	R		Germany	356	0.01	420	291	0.01	426
Dunze	R		Switzerland						
Duras	R		France	892	0.02	286	785	0.02	279
Durella	W		Italy	470	0.01	383	480	0.01	358
Durif	R	Petit Syrah; Petite Sirah; Petite Syrah	France	3557	0.08	135	4807	0.11	113
Edelweiss	W		United States	32	0.00	818	16	0.00	888
Ederena	R		France	1	0.00	1259	1	0.00	1310
Egiодола	R		France	349	0.01	424	285	0.01	431
Ehrenbreitsteiner	W		Germany	10	0.00	992	8	0.00	998
Ehrenfelser	W		Germany	113	0.00	597	82	0.00	611
Einset Seedless	G	Einset	United States				0	0.00	1400
Ekigaina	R		France	4	0.00	1116	3	0.00	1111
Ekim Kara	R		Ukraine	27	0.00	845			
Elbling	W	Burger; Elbling Weisser; Elbling, Weïßer	Germany	935	0.02	275	972	0.02	255
Elbling (R)	W	Elbling Rot; Elbling, Roter	Germany	9	0.00	1014	10	0.00	963
Elmer Swenson 10- 18- 30	W	ES 10-18-30	United States				0	0.00	1481
Elvira	W		United States	263	0.01	476	231	0.01	455
Emerald Riesling	W		United States	508	0.01	369	177	0.00	500
Emerald seedless	W		United States						
Emir	W		Turkey	688	0.01	324	89	0.00	600
Enantio	R	Lambrusco a Foglia Frastagliata	Italy	724	0.02	315	178	0.00	499
Encruzado	W		Portugal	282	0.01	460	132	0.00	533
Enfarine Noir	R		France	0	0.00	1374	0	0.00	1531
Ensanyo Tintas	R		Spain	27	0.00	843			
Ensayo Blancas	W		Spain	1	0.00	1246			
Eona	W		United States				2	0.00	1211
Erbaluce	W		Italy	319	0.01	442	316	0.01	410
Erbamat	W	Verdealbara	Italy	24	0.00	863	2	0.00	1232
Ervi	R		Italy	4	0.00	1098	3	0.00	1109
ES 10-18-14	W		United States				0	0.00	1480
Esganacao Preto	R	Esgana Cao Tinto	Portugal	0	0.00	1378	0	0.00	1535
Esganinho	W		Portugal	0	0.00	1349	0	0.00	1497
Espadeiro	R		Portugal	469	0.01	384	357	0.01	391
Espadeiro Mole	R		Portugal	0	0.00	1307	0	0.00	1385
Espirito	W		United States				2	0.00	1201
Esther	R	Königliche Esther	Hungary				0	0.00	1555
Estreito Macio	W		Portugal	3	0.00	1144	1	0.00	1250
Etraire de l'Adui	R		France	5	0.00	1087	5	0.00	1083
Exalta	W		France	4	0.00	1114	3	0.00	1123
Excelsior	W		France				0	0.00	1413
Eyholzer Rote	R	Roter Eyholzer	Switzerland				0	0.00	1432
Ezerfűrt	W	Ezerfertu	Hungary	406	0.01	400	295	0.01	423
Ezerjó	W	Ezerjo	Hungary	1074	0.02	263	636	0.01	315
Faberrebe	W	Faber	Germany	554	0.01	355	331	0.01	399
Falanghina	W		Italy	3037	0.07	146	323	0.01	407
Falanghina Flegrea	W		Italy				3634	0.08	133
Favorit	W		Hungary				3	0.00	1139
Fenile	W		Italy	5	0.00	1071	1	0.00	1313
Fepiro	R		Portugal	0	0.00	1384	0	0.00	1550
Fer	R		France	1854	0.04	191	1686	0.04	192
Fernão Pires	W	Fernao Pires; Molinha; Fernao Pires Rosado	Portugal	9609	0.21	73	12211	0.27	60
Ferral	R		Spain	30	0.00	821	31	0.00	773
Fertilia	R		Italy	3	0.00	1122	2	0.00	1180
Fetească Albă	W	Dievcie Hrozn; Feteasca Alba;	Moldova	17469	0.38	45	13382	0.30	54
Fetească Neagră	R	Feteasca Neagra; Feteasca neagră; Fekete leányka	Moldova	1719	0.04	198	3248	0.07	139
Fetească Regală	W	Feteasca Regala; Feteasca regală	Romania	13136	0.28	56	12991	0.29	55
Feunate	R		France						
Fiano	W		Italy	1377	0.03	224	2187	0.05	168
Fiesta	W		United States	230	0.00	497	230	0.01	456
Fino de Ribera del Fresno	W		Spain	45	0.00	765	8	0.00	1002
Fintendo	R		Spain	118	0.00	589	185	0.00	493
Fioletovy Ranny	R	Fioletovy Ranny	Russia	50	0.00	748	50	0.00	692
Flame Seedless	R		United States	55	0.00	724	55	0.00	668
Flavis	W		Italy	3	0.00	1128	3	0.00	1153
Fleurtaï	W	Fleurtaï (UD-34.111)	Italy				0	0.00	1496
Flora	G		United States	8	0.00	1028	12	0.00	935
Florental	R	Bourdin (S)	France	26	0.00	852	11	0.00	940

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Floricica	W		Moldova				14	0.00	918
Fogarina	R		Italy	5	0.00	1076	3	0.00	1135
Foglia Tonda	R		Italy	101	0.00	618	68	0.00	645
Fogoneu	R		Spain	35	0.00	797	15	0.00	907
Fokiano	R		Greece	262	0.01	477	212	0.00	472
Fokiano (W)	R	Fokiano (White)	Greece						
Folgasao	W		Portugal	182	0.00	531	162	0.00	514
Folgasao Roxo	R		Portugal	18	0.00	902	18	0.00	873
Folha de Figueira	W		Portugal	3	0.00	1120	2	0.00	1218
Folignan	W		France	51	0.00	744	51	0.00	687
Folle Blanche	W		France	1803	0.04	194	1574	0.04	204
Fontan	R		France						
Fontanara	W		Germany				1	0.00	1290
Fonte Cal	W		Portugal	111	0.00	600	52	0.00	685
Forastera	W		Italy	208	0.00	512	8	0.00	988
Forcallat Tinta	R		Spain	1163	0.03	251	535	0.01	342
Forgiarin	R		Italy	4	0.00	1104	3	0.00	1144
Forsellina	R		Italy	7	0.00	1035	7	0.00	1024
Fortana	R	Canina Nera	Italy	642	0.01	336	469	0.01	362
Francavidda	W		Italy	13	0.00	958	2	0.00	1226
Frâncușă	W	Francusa	Romania	621	0.01	342	365	0.01	390
Frappato	R	Frappato Di Vittoria	Italy	752	0.02	308	580	0.01	330
Fredonia	R		United States	37	0.00	789	28	0.00	791
Freisa	R		Italy	1054	0.02	268	519	0.01	346
Freisamer	W	Freiburger	Germany	8	0.00	1020	6	0.00	1039
Frontenac	R	Frontenac Noir; Frontenac Rouge	United States	135	0.00	574	212	0.00	471
Frontenac (G)	R	Frontenac Gris; Frontenac Grus	United States	59	0.00	718	92	0.00	591
Frontenac (W)	R	Frontenac Blanc	United States				26	0.00	808
Frühroter Veltliner	R	Fruhroter Veltliner; Korai Piros Veltelini; Malvasier; Malvasier, Früher Roter; Veltlinske Cervene Rane; Veltlinske Cervene Skore; Korai Piros Veltelini	Austria	856	0.02	296	388	0.01	385
Frumoasa Alba	W		Moldova				8	0.00	990
Fubiano	W		Italy	9	0.00	1007	2	0.00	1165
Fuella Nera	R		France	20	0.00	892	20	0.00	858
Fumin	R		Italy	31	0.00	819	25	0.00	820
Furmint	W	Malvasia Verde; Moslavac; Sipelj; Sipon; Šipon	Hungary	5276	0.11	107	4435	0.10	122
Gaglioppo	R		Italy	4214	0.09	121	4626	0.10	119
Gaillard	R		France	0	0.00	1360	0	0.00	1530
Galbenă de Odobești	W	Galbena De Odobesti; Galbenade Odobesti	Romania	385	0.01	405	417	0.01	380
Galego Dourado	W	Galego; Pedro Luis; Dourado	Portugal	16	0.00	925	7	0.00	1010
Galotta	R	Gallotta	Switzerland	13	0.00	952	35	0.00	752
Gamaret	R		Switzerland	405	0.01	401	441	0.01	371
Gamay Noir	R	Gamay; Gamay Beaujolais; Gamay cl 565; Gamay St Romain; Plant Robert, Gamay and Zweigeltrebe	France	31927	0.69	32	26221	0.58	32
Gamay Teinturier de Bouze	R	Gamay De Teinturier Bouze; Gammay de Bouze	France	278	0.01	462	255	0.01	444
Gamay Teinturier de Chaudenay	R	Gamay de Chaudenay	France	157	0.00	551	142	0.00	526
Gamay Teinturier Freaux	R	Gammay Freaux	France	104	0.00	612	79	0.00	624
Gamba Rossa	R		Italy	1	0.00	1277	0	0.00	1363
Gänsfüsser	R	Gansfusser	Germany	0	0.00	1372	0	0.00	1545
Ganson	R		France	3	0.00	1125	3	0.00	1124
Garandmak	W		Armenia	931	0.02	276			
Garanoir	R	Granoir	Switzerland	216	0.00	504	229	0.01	457
Garganega	W	Grecanico Dorato	Italy	15397	0.33	50	8554	0.19	79
Gargiulo 14260	R	C.G. 14260 (Inta)	Argentina	1	0.00	1245			
Gargiulo 2539	R	C.G.2539 (Inta)	Argentina	49	0.00	755	29	0.00	785
Gargiulo 26189	R	C.G. 26189 (Inta)	Argentina						
Gargiulo 26879	W	C G 26879 (Inta)	Argentina	3	0.00	1154			
Gargiulo 4113	R	C.G.4113 (Inta)	Argentina	6	0.00	1056	3	0.00	1154
Gargiulo 45803	W	C G 45803 (Inta)	Argentina	8	0.00	1021	10	0.00	957
Garnacha Blanca	W	Garnachablanca; Grenache Blanc	Spain	7398	0.16	90	7409	0.17	88
Garnacha Peluda	R	Lledoner Pelut	Spain	1206	0.03	243	898	0.02	265
Garnacha Roja (Gris)	G	Garnacha Roja; Garnacha Rose; Grenache Gris; Grenache Rose	Spain	2366	0.05	171	1462	0.03	210

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Garnacha Tinta	R	Cannonau; Garnacha; Garnacha Tinta; Grenache Noir; Grenache; Tinto Basto; Tocai Rosso; Vernaccia Nera; Vernaccia Nera Grossa; Vernaccina Nero	Spain	181553	3.93	7	150096	3.35	7
Garonnet	R		France	14	0.00	943	10	0.00	971
Garrido Fino	W		Spain	59	0.00	717	54	0.00	679
Gascon	R		France	1	0.00	1250	1	0.00	1298
Gateta	R		Spain	2	0.00	1177			
Gegić	W	Gegic	Croatia	11	0.00	977			
Geilweilerhof Ga- 48- 12	W	GF 48-12	Germany				1	0.00	1280
Geisenheim 318-57	W	Geisenheim 813-57; Geisenheim	Germany	106	0.00	609	14	0.00	917
Generosa	W		Portugal	107	0.00	607	328	0.01	401
Gesztus	W		Hungary	0	0.00	1318	0	0.00	1411
Gewürztraminer	W	Gewurztraminer; Tramin Cerveny; Traminac Crveni; Traminer; Traminer Aromatico; Traminer Rose; Traminer rosse; Traminer Rot; Traminer Roz; Traminer, Roter; Tramini	Germany	14355	0.31	53	12823	0.29	56
Gibi	W		Spain	1074	0.02	264	785	0.02	280
Ginestra	W		Italy	4	0.00	1110	1	0.00	1356
Giro Nero	R	Giro	Italy	200	0.00	518	144	0.00	523
GM 322	R		Canada	17	0.00	917			
Göcseji Zamatos	W	Gecsei Zamatos; Gocseji Zamatos	Hungary	55	0.00	723	50	0.00	695
Godello	W	Ajudello; Godelho; Gouveio; Gouveio Roxo	Spain	1332	0.03	229	1406	0.03	216
Goethe	R		United States				20	0.00	856
Goldburger	W		Austria	140	0.00	568	98	0.00	583
Golden Muscat	W		United States	1191	0.03	246	50	0.00	691
Goldriesling	W		France	21	0.00	888	24	0.00	830
Goldtraminer	W		Italy	9	0.00	1010	5	0.00	1074
Golia	W		Romania	0	0.00	1359	0	0.00	1483
Golubok	R	Goluboc	Ukraine	87	0.00	639	37	0.00	740
Goncalo Pires	R		Portugal	1	0.00	1269	1	0.00	1328
Gorgollasa	R		Spain				5	0.00	1061
Goruli Mtsvane	W		Georgia	287	0.01	456	287	0.01	428
Gosen	R		Italy	1	0.00	1210	0	0.00	1490
Gouais Blanc	W	Gouais/Gwäss	France				1	0.00	1267
Gouget Noir	R		France	10	0.00	996	3	0.00	1113
Goustoldi	W		Greece	68	0.00	691	19	0.00	863
Gouveio Preto	R		Portugal	0	0.00	1313	0	0.00	1390
Gouveio Real	W	Gouveio Estimado	Portugal	582	0.01	348	581	0.01	329
GR 7	R		United States	32	0.00	816	13	0.00	921
Grachen	W		South Africa	2	0.00	1162	0	0.00	1522
Graciano	R	Bovale; Cagnulari; Graciana; Tinta Fontes; Tinta Miuda; Tintilla de Rota	Spain	3123	0.07	143	2910	0.06	143
Graisse	W		France	14	0.00	947	1	0.00	1265
Gramon	R		France	3	0.00	1142	3	0.00	1146
Grand Manchen	W		Spain	8	0.00	1022			
Grand Noir	R	Gran Negro; Grand Noir de la Calmette	France	955	0.02	274	707	0.02	294
Grangeal	R		Portugal	1	0.00	1223	1	0.00	1264
Granho	W		Portugal	0	0.00	1321	0	0.00	1419
Grapariol	W		Italy	2	0.00	1166	2	0.00	1166
Grasă de Cotnari	W	Grasa de Cotnari; Grasade Cotnari; Koverszolo; Kövérzsölö	Romania	685	0.01	325	632	0.01	317
Graševina	W	Borba; Grasevina; Grasvena; Welschriesling; Italian Riesling; Laki Rizling; Laški Rizling; Riesling Italian; Riesling Italico; Rizling Vlasky; Ryzlink Vlaky; Olasz Rizling	Croatia	61200	1.33	16	24384	0.54	33
Grassen	R		France	0	0.00	1364	0	0.00	1499
Grechetto di Orvieto	W	Grechetto Bianco; Grechetto	Italy	1501	0.03	210	1824	0.04	182
Grechetto Rosso	R		Italy	49	0.00	754	35	0.00	749
Greco	W	Asprinio; Greco di Tufo	Italy	158	0.00	550	21	0.00	848
Greco Bianco	W		Italy	1604	0.03	204	2050	0.05	173
Greco Nero	R		Italy	1256	0.03	236	437	0.01	373
Grignolino	R		Italy	915	0.02	281	911	0.02	264
Grillo	W		Italy	6295	0.14	98	7383	0.16	89
Gringet	W		France	25	0.00	854	15	0.00	895
Grolleau Noir	R	Grolleau Gris; Grolleau	France	2759	0.06	155	1949	0.04	176
Groppello di Mocasina	R	Groppello di Santo Stefano	Italy	81	0.00	659	24	0.00	825
Groppello di Revo	R		Italy	12	0.00	965	12	0.00	934
Groppello Gentile	R		Italy	326	0.01	438	78	0.00	625

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
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Gros Manseng	W	Manseng Gros Blanc; Gross Manseng	France	2960	0.06	149	3069	0.07	141
Grossa	R		Portugal	73	0.00	675	54	0.00	676
Grüner Veltliner	W	Falkensteiner; Veltliner Grun; Gruner Veltliner; Veltliner, Grüner; Veltlinske Zelene; Zöld Veltelíni	Austria	18834	0.41	42	19118	0.43	40
Gualarido	W		Spain				18	0.00	868
Guardavalle	W		Italy	33	0.00	807	16	0.00	889
Guillemot	W		France						
Gutenborner	W		Germany	2	0.00	1176			
Guzun	W		Moldova				3	0.00	1150
Gyöngyrizling	W	Gyongyrizling	Hungary	23	0.00	873	16	0.00	894
Haiduc	R		Romania	3	0.00	1141	3	0.00	1127
Hajnalka	W	Hajnal	Hungary	0	0.00	1371	0	0.00	1518
Hamvas	W	Barátcsuha	Hungary				0	0.00	1427
Hárlevelű	W	Feuille de Tilleul; Harslevelu; Lipovina	Hungary	1856	0.04	190	1618	0.04	201
Hasansky Sladky	R	Baltica	Ukraine				1	0.00	1255
Hegel	R		Germany	9	0.00	1013	7	0.00	1012
Helfenstein	R		Germany	19	0.00	900	14	0.00	915
Helios	W		Germany				6	0.00	1029
Herbemont	R		United States	764	0.02	307	112	0.00	564
Heroldrebe	R		Germany	134	0.00	578	112	0.00	565
Heuréka	W		Hungary				0	0.00	1446
Hibernal	W		Germany				20	0.00	851
Himbartscha	W		Switzerland				0	0.00	1426
Himrod	W		United States	0	0.00	1291	1	0.00	1357
Hölder	W	Holder	Germany	5	0.00	1083	2	0.00	1186
Hondarribi Beltza	R	Beltza; Hondarrabi Beltza; Ondarrabi Beltza	Spain	53	0.00	734	15	0.00	897
Hondarribi Zuri	W		France				624	0.01	319
Hrvatica	R	Negrara	Croatia	116	0.00	591	53	0.00	681
Humagne	W	Humagne Blanc	Switzerland	30	0.00	823	29	0.00	787
Huxelrebe	W		Germany	630	0.01	338	466	0.01	365
Ignea	G		Italy	1	0.00	1265	1	0.00	1322
Ilichevskii Rannii	R	Illiciovski Ciornai Rannii	Ukraine	5	0.00	1082			
Imperial Napoleon	R	Don Mariano	Spain	12	0.00	970	0	0.00	1523
Imperial Seedless	G		Peru	1	0.00	1244	1	0.00	1295
Impigno	W		Italy	7	0.00	1036	2	0.00	1210
Incrocio Bianco Fedit 51	W		Italy	5	0.00	1090	1	0.00	1311
Incrocio Bruni 54	W		Italy	12	0.00	964	3	0.00	1107
Incrocio Manzoni 2.15	R		Italy	86	0.00	646	72	0.00	636
Incrocio Terzi 1	R		Italy	44	0.00	767	12	0.00	930
Invernenga	W		Italy	7	0.00	1048	5	0.00	1072
Inzolia	W	Ansonica	Italy	6133	0.13	101	4740	0.11	115
Iordan	W	Iordană	Romania	315	0.01	444	311	0.01	412
IRAC 1933	R		Switzerland				0	0.00	1524
Irsai Olivér	W	Irsai Oliver; Irșai Oliver; Irsay Olivier; Muscat Oliver	Hungary	1414	0.03	219	1790	0.04	185
Isa	W		France	9	0.00	1002	5	0.00	1081
Isabella	R	Frutilla; Isabel; Isabel Precoce; Lidia	United States	32494	0.70	31	17813	0.40	45
Italia	W	Italia (Pirovano 65) (PE); Italian, Portugese whites	Italy	1463	0.03	214	5188	0.12	109
Italica	W		Italy	367	0.01	414	47	0.00	705
Ives	R		United States	16	0.00	924			
Jacquere	W		France	1014	0.02	270	621	0.01	320
Jacquez	R	Black Spanish; Lenoir	United States	2368	0.05	170	1443	0.03	213
Jádorvány	W		Hungary				0	0.00	1399
Jampal	W	Pinheira Branca	Portugal	71	0.00	681	34	0.00	756
Jaoumet	W		France	0	0.00	1353	0	0.00	1469
Jardovany Fekete	R	Fekete Jádorvány	Hungary				0	0.00	1502
Jázmin	W	Jázmin (8/1)	Hungary				2	0.00	1195
Jeroma	R		Spain				0	0.00	1526
Joannes Seyve	R		France	1	0.00	1253	1	0.00	1306
Johanniter	W		Germany	86	0.00	645	111	0.00	566
Joubertin	R		France	1	0.00	1203			
Juan Garcia	R	Gorda; Juan Garcia; Mouraton; Tinta Gorda	Spain	1707	0.04	200	1545	0.03	206
Jubiläumsrebe	G	Jubilaumsrebe; Jubileumsrebe	Austria	14	0.00	948	7	0.00	1023
Jubileum 75	R		Hungary	194	0.00	523	91	0.00	592
Juhfark	W		Hungary	186	0.00	528	195	0.00	487
Juliana	W		Brazil	0	0.00	1325			
Jurançon Blanc	W	Jurancón Blanc	France	7	0.00	1038	2	0.00	1192
Jurançon Noir	R	Jurancón Noir	France	663	0.01	331	605	0.01	324
Jurie	W		France						

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Juwel	W		Germany	22	0.00	882	15	0.00	900
K.35	W		Hungary	0	0.00	1335			
Kabar	W		Hungary	18	0.00	907	30	0.00	779
Kadarka	R	Cadarč; Gamza	Hungary	1181	0.03	249	1625	0.04	199
Kakotrygis	W		Greece	103	0.00	613	28	0.00	792
Kalecik Karası	R	Kalecik Karasi	Turkey	861	0.02	295	704	0.02	295
Kalina	R		Switzerland				0	0.00	1379
Kangun	W		Armenia	850	0.02	298			
Kanzler	W		Germany	33	0.00	811	28	0.00	793
Karalahna	R		Turkey	4	0.00	1109	4	0.00	1095
Karasakiz	R	Kuntra	Turkey	4	0.00	1108	4	0.00	1094
Karát	W	Karat	Hungary	50	0.00	747	44	0.00	716
Kármin	R	Karmin	Hungary	36	0.00	792	24	0.00	834
Kat.E.Lin	R	Katelin	Canada				0	0.00	1437
Kay Gray	W	Key Gray	United States	1	0.00	1215	2	0.00	1202
Kéknyelü	W	Keknyelu	Hungary	43	0.00	771	50	0.00	697
Kentville White 94-1	W	KW 94-1	Canada				0	0.00	1412
Kentville White 94-2	W	KW 94-2	Canada				1	0.00	1339
Kerner	W	Kerner Bijeli; Kernling; Riesling Trollinger	Germany	4093	0.09	125	2891	0.06	145
Khikhvi	W		Georgia	6	0.00	1051	6	0.00	1026
Királyleányka	W	Kiralyleanyka	Hungary	855	0.02	297	784	0.02	281
Kishmish Luchisty	G	Kişmiş lucistai	Moldova				55	0.00	669
Kishmish Moldavskii	R	Kişmiş moldovenesc	Moldova				28	0.00	796
Kisi	W		Georgia	26	0.00	850	26	0.00	812
Knipperlé	W	Knipperle	France	0	0.00	1350	0	0.00	1458
Kocsis Irma	W	Koksis Irma	Hungary	11	0.00	982	2	0.00	1169
Kodrinskii	R	Codrinski	Moldova	5	0.00	1081	229	0.01	459
Kodryanka	R	Black Magic; BlackMagic; Codreanca	Moldova				1143	0.03	240
Kokur Bely	W	Cokur White	Ukraine	918	0.02	280			
Kolor	R		Germany	2	0.00	1175	7	0.00	1022
Königin der Weingärten	W	Koenigin Der Weingaerten; Regina dei Vigneti; Regina viilor	Hungary	61	0.00	710	70	0.00	638
Korinthiaki	R	Corinto; Corinto Nero	Greece	54	0.00	730	106	0.00	573
Korona	W		Hungary	1	0.00	1282	1	0.00	1299
Koshu	G		Japan	168	0.00	541	690	0.02	299
Kosmopolita	G		Serbia				1	0.00	1331
Kotsifali	R		Greece	2330	0.05	172	1338	0.03	219
Kövidinka	G	Koevidinka; Kovidinka; Ruzica Crvena; Ružicacrvena; Vörös Dinka	Hungary	1076	0.02	262	658	0.01	309
Kozma CS. 2	R	Cs.2	Hungary	0	0.00	1362			
Kozmopoliten	W		Hungary				0	0.00	1442
Krakhuna	W	Krakhuna Tetri	Georgia	46	0.00	760	46	0.00	707
Kraljevina	W		Croatia	447	0.01	390	199	0.00	481
Krasnostop Zolotovsky	R	Krasnostop Anapsky	Russia	562	0.01	353	562	0.01	337
Krassato	R		Greece	52	0.00	742	5	0.00	1084
Kreaca	W	Banati Rizling; Bánáti Rizling	Serbia	29	0.00	829	30	0.00	777
Kuban	R	Kubani	Russia				32	0.00	769
Kujundžuša	W	Kujundzusa;	Croatia	206	0.00	513			
Kuldzhinskii	G	Kuldzhinskiy	Kazakhstan	385	0.01	404	385	0.01	386
Kunbarát	W	Kunbarat	Hungary	9	0.00	1019	0	0.00	1376
Kunléány	W	Kunleány	Hungary	1211	0.03	242	974	0.02	254
Kurucvér	R	Kurucver	Hungary	0	0.00	1341	0	0.00	1475
KW 96-2	W		Canada				0	0.00	1436
Kyoho (4N)	R	Kyoho; Kyoko	Japan	4003	0.09	127	2762	0.06	149
L'Acadie Blanc	W	Acadie blanc; L'Acadie	Canada				65	0.00	652
La Crescent	W		United States	77	0.00	670	94	0.00	585
La Crosse	W		United States	25	0.00	855	26	0.00	811
Labrusco	R		Portugal	81	0.00	658	79	0.00	623
Lacoste	R		France						
Lacrima Christi	R		Italy	85	0.00	647	226	0.01	462
Lacrima di Morro d'Alba	R	Lacrima	Italy	421	0.01	395	252	0.01	445
Lado	W		Spain	1	0.00	1243	2	0.00	1198
Lafnetscha	W		Switzerland				2	0.00	1231
Lagarino Bianco	W		Italy	23	0.00	880	6	0.00	1050
Lagrein	R		Italy	718	0.02	317	251	0.01	447
Lairen	W	Malvar	Spain	214	0.00	505	351	0.01	395
Lakhegyi Mézes	W	Lakhegyi Mezes	Hungary	306	0.01	452	145	0.00	521
Lambrusca di Alessandria	R		Italy	137	0.00	571	58	0.00	664
Lambrusco	R		Italy	45	0.00	763	54	0.00	671
Lambrusco Barghi	R		Italy	18	0.00	903	3	0.00	1151
Lambrusco di Sorbara	R		Italy	1606	0.03	203	858	0.02	273
Lambrusco Grasparossa	R		Italy	2734	0.06	157	954	0.02	258

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Lambrusco Maestri	R		Italy	2312	0.05	173	5657	0.13	101
Lambrusco Marani	R		Italy	1394	0.03	222	1074	0.02	249
Lambrusco Montericco	R		Italy	70	0.00	684	25	0.00	818
Lambrusco Oliva	R		Italy	112	0.00	598	104	0.00	575
Lambrusco Salamino	R		Italy	5003	0.11	109	6228	0.14	98
Lambrusco Viadanese	R		Italy	240	0.01	491	59	0.00	663
Lameiro	W		Portugal	0	0.00	1303	0	0.00	1410
Landal	R		France	43	0.00	770	37	0.00	738
Landot Noir	R	Landot	France	3	0.00	1126	3	0.00	1125
Lariao	W		Portugal	4	0.00	1112	5	0.00	1077
Lasina	R		Croatia	14	0.00	942			
Laska	R		Austria				0	0.00	1510
Laurot	R		Czechia	6	0.00	1059			
Lauzet	W		France	3	0.00	1150	3	0.00	1157
Leányka	W	Leányka	Hungary	838	0.02	301	719	0.02	292
Lecinaro	R		Italy	1	0.00	1272	0	0.00	1367
Leira	W		Portugal	1	0.00	1279	0	0.00	1414
Len de l'El	W		France	629	0.01	339	603	0.01	325
Léon Millot	R	Leon Millet; Leon Millot	France	102	0.00	617	85	0.00	606
Leopoldo III	R		Belgium						
Levokumskij	R		Russia	890	0.02	288	890	0.02	267
Liatiko	R		Greece	1211	0.03	241	2633	0.06	156
Liatiko (W)	R	Liatiko(White)	Greece						
Liliarila	W		France	4	0.00	1117	1	0.00	1254
Lilla	W		Hungary				0	0.00	1556
Limnio	R		Greece	372	0.01	411	176	0.00	501
Limnio (W)	R	Limnio(white)	Greece						
Listain de Huelva	W	Manteudo	Spain	350	0.01	423	466	0.01	364
Listan Negro	R	Almuneoco; Negra Commun	Spain	2666	0.06	160	2847	0.06	147
Listán Prieto	R	California; Criolla Chica; Mission; Moscatel Negra; Moscatel Negro; País; País - Mission, Criolla	Spain	4985	0.11	110	10267	0.23	68
Listrao Roxo	R		Portugal						
Lival	R		France	101	0.00	619	99	0.00	582
Lomanto	R		United States				3	0.00	1115
Longyan	R	Long Yan	China				1000	0.02	253
Lora	W		Ukraine				35	0.00	748
Lorena	W	BRS Lorena	Brazil	519	0.01	364	500	0.01	353
Louise Swenson	W		United States	3	0.00	1136	5	0.00	1060
Loureiro	W	Loureiro Blanca; Loureiro Blanco	Portugal	4054	0.09	126	4696	0.10	116
Lourela	R		Portugal	0	0.00	1326	0	0.00	1428
Lucie Kuhlmann	R		France				21	0.00	847
Luisa Blanca	W		Spain				80	0.00	622
Lumassina	W		Italy	98	0.00	624	37	0.00	742
Lusitano	R		Portugal	0	0.00	1351	0	0.00	1467
Luzidio	W		Portugal	0	0.00	1319	0	0.00	1466
Lyana	W	Leana	Moldova				41	0.00	720
Macabeo	W	Macabeu; Maccabeo; Viura	Spain	40864	0.89	20	38625	0.86	20
Maceratino	W		Italy	177	0.00	534	39	0.00	728
Madeleine × Angevine	W	Madeleine Angevine	Germany	52	0.00	743	48	0.00	702
7672									
Madeleine Royale	W	Branco Especial	France	3	0	1123	3	0	1134
Madeleine Sylvaner	W		Portugal	7	0.00	1033	6	0.00	1051
Madeleines	W		France	7	0.00	1042	7	0.00	1021
Madrasa	R	Matrasa	Azerbaijan	28	0.00	838	28	0.00	794
Magaracha Rannii	R	Rannii Magaracea	Ukraine				884	0.02	269
Magliasina	R	Magliasino	Italy				0	0.00	1529
Magliocco Canino	R		Italy	539	0.01	358	679	0.02	305
Magliocco Dolce	R	Marsigliana Nera	Italy	87	0.00	642	51	0.00	686
Magna	R	BRS Magna	Brazil				30	0.00	776
Magyarfrankos	R	Magyar Frankos	Hungary	0	0.00	1300	0	0.00	1409
Maiolica	R		Italy	26	0.00	848	13	0.00	923
Maiolina	R		Italy	1	0.00	1199	0	0.00	1381
Maiskii Chernyi	R	Mayskiy	Moldova	110	0.00	603	110	0.00	569
Malaga Blanc	W		Thailand	16	0.00	920	54	0.00	675
Malagousia	W	Malagouzia	Greece	182	0.00	530	126	0.00	539
Malbo Gentile	R		Italy	211	0.00	508	219	0.00	466
Malegue	W		France						
Malingre Precoce	W	Precoce De Malingre	France	0	0.00	1292	0	0.00	1369
Maliverne	W		France						
Malvarisco	R		Portugal	3	0.00	1127	3	0.00	1119
Malvasia	W		Greece	45	0.00	764	2184	0.05	169
Malvasia Bianca di Basilicata	W		Italy	210	0.00	509	32	0.00	771

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Malvasia Bianca di Candia	W	Malvasia Amarela; Malvasia Bianca; Malvasia di Candia	Italy	9351	0.20	74	9685	0.22	73
Malvasia Bianca Lunga	W	Malvasia Chianti; Marastina; Maraština	Italy	2544	0.06	164	1247	0.03	226
Malvasia Branca de Sao Jorge	W		Portugal	110	0.00	601	110	0.00	568
Malvasia del Lazio	W		Italy	590	0.01	345	680	0.02	304
Malvasia di Candia Aromatica	W	Malvasia Aromatica; Malvazija Aromatična	Italy	927	0.02	278	1208	0.03	230
Malvasia di Casorzo	R		Italy	107	0.00	605	99	0.00	581
Malvasia di Lipari	W	Malvasia Candida; Malvasia di Sardegna; Malvasia Dubrovacka Bijela; Malvasia Sitges; Malvasia Dubrovačka	Italy	310	0.01	448	113	0.00	563
Malvasia di Sardegna Rosada	G	Malvasia Candida Roxa	Spain	3	0.00	1140	3	0.00	1137
Malvasia di Schierano	R		Italy	89	0.00	637	82	0.00	614
Malvasia Fina	W	Ratinho	Portugal	3501	0.08	138	3282	0.07	135
Malvasia Fina Roxa	G		Portugal	25	0.00	856	24	0.00	828
Malvasia Moscata	W	Malvasia Bianca di Piemonte	Italy	554	0.01	354			
Malvasia Nera di Basilicata	R		Italy	114	0.00	595	39	0.00	724
Malvasia Nera di Brindisi	R	Malvasia Negra; Malvasia Nera; Malvasia Nera di Lecce	Italy	1314	0.03	231	1264	0.03	223
Malvasia Nera Lunga	R		Italy	38	0.00	781	14	0.00	916
Malvasia Parda	W	Farinheira	Portugal	4	0	1097	4	0	1092
Malvasia Preta	R	Moreto; Pinheira Roxa	Portugal	1903	0.04	189	1933	0.04	179
Malvasia Romana	W		Portugal	0	0.00	1338	0	0.00	1464
Malvazija Istarska	W	Malvasia Istriana; Malvazija	Croatia	2740	0.06	156	2788	0.06	148
Malvia	W		Portugal	0	0.00	1328	0	0.00	1431
Mamaia	R		Romania	0	0.00	1311	0	0.00	1384
Mammolo	R	Sciaccarello	Italy	841	0.02	299	911	0.02	263
Mandilaria	R		Greece	885	0.02	289	932	0.02	260
Mandon	R		Spain				1	0.00	1343
Manseng Noir	R	Ferrol; Ferron	France	32	0.00	817	29	0.00	788
Manteudo Preto	R		Portugal	16	0.00	919	11	0.00	950
Manto Negro	R		Spain	273	0.01	466	311	0.01	413
Manzoni Bianco	W		Italy	382	0.01	406	339	0.01	398
Manzoni Moscato	R		Italy	20	0.00	894	19	0.00	860
Manzoni Rosa	G		Italy	29	0.00	830	23	0.00	842
Mara	R	Mara (RAC 3022, C41)	Switzerland				10	0.00	966
Marathetiko	R		Cyprus	152	0.00	555			
Maréchal Foch	R	Foch; Foch (Marechal); Marechal Foch; Marechel Foch	France	356	0.01	419	229	0.01	458
Marfal	W	Huerta del Rey	Spain	2	0.00	1174	1	0.00	1266
Margot	R	BRS Margot	Brazil				2	0.00	1217
Mariensteiner	W		Germany				2	0.00	1185
Marmajuelo	W	Bermejuela; Vermejuela	Spain	24	0.00	866	20	0.00	854
Marquette	R	Marquette	United States	88	0.00	638	166	0.00	507
Marquinhas	W		Portugal	11	0.00	981	5	0.00	1066
Marquis	W		United States				1	0.00	1261
Mars	R		United States	2	0.00	1180	2	0.00	1215
Marsanne	W	Marsanne Blanche; Marsanne Blanche/Ermitage	France	1763	0.04	196	1838	0.04	181
Marselan	R	Marcelan	France	2731	0.06	158	3941	0.09	129
Marufo	R	Moravia Dulce; Mourisco; Mourisco Roxo	Portugal	6579	0.14	93	4683	0.10	117
Marzemina Bianca	W		Italy	54	0.00	731	55	0.00	670
Marzemino	R	Marzemina; Marzemina Grossa	Italy	1091	0.02	260	785	0.02	278
Maticha	W		Morocco	311	0.01	447	257	0.01	441
Mátrai Muskotály	W	Matrai Muskotaly	Hungary	67	0.00	695	49	0.00	698
Maturana Blanca	W	Maturano Bianco	Spain	18	0.00	910	13	0.00	922
Mauzac Blanc	W	Mauzac	France	1933	0.04	187	1526	0.03	207
Mauzac Noir	R		France						
Mavro	R		Cyprus	3575	0.08	134	3187	0.07	140
Mavro Messenikola	R		Greece						
Mavrodafni	R		Greece	345	0.01	430	324	0.01	406
Mavrouda	R	Mavroudi	Greece	520	0.01	362	1658	0.04	196
Mavrud	R		Bulgaria	1296	0.03	233	1193	0.03	234
Mayolet	R		Italy	7	0.00	1032	6	0.00	1044
Mazuelo	R	Bovale Grande; Carignan; Carignan - Carignane, Cariñena; Carignane; Carignan Noir Mazuela; Carignano; Mazuela; Carignan Noir; Karinian	Spain	75716	1.64	13	47312	1.06	19

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Mazuelo (G)	R	Carignan Gris	Spain						
Mazuelo (W)	R	Carignan Blanc; Carinena Blanco	Spain	3016	0.07	147	355	0.01	393
Mazzese	R		Italy	76	0.00	671	57	0.00	666
Mechta	R	Mecita	Ukraine				19	0.00	862
Mecle de Bourgoin	R		France						
Medina	R		Hungary	159	0.00	549	124	0.00	543
Melara	W		Italy	3	0.00	1145	1	0.00	1235
Melhorio	R		Portugal	0	0.00	1365	0	0.00	1503
Melon	W	Melón; Muscadet	France	12306	0.27	58	9551	0.21	74
Mencía	R	Jaen; Jaen Tinto; Loureiro Tinto; Mencia	Spain	10658	0.23	66	11052	0.25	64
Menoir	R	Menoire	Hungary	65	0.00	697	61	0.00	659
Menu Pineau	W	Orbois	France	205	0.00	514	197	0.00	484
Mergeritar	W	Märgäritar	Russia				0	0.00	1434
Merille	R		France	44	0.00	766	42	0.00	718
Merlese	R		Italy	14	0.00	941	8	0.00	1000
Merlot	R	Merlot Noir	France	267888	5.80	2	266440	5.94	2
Merlot Blanc	W		France	46	0.00	759	44	0.00	714
Merlot Khorus	R	UD-31.125	Italy				0	0.00	1443
Mergeguera	W		Spain	3946	0.09	128	2373	0.05	164
Merzling	W		Germany				1	0.00	1289
Meslier Saint-Francois	W	Meslier Saint Francois	France	15	0.00	931	13	0.00	925
Meszi Kadarka	R	Mészikadar	Hungary				0	0.00	1362
Mézes Fehér	W	Mezes; Mezes Feher; Mézes	Hungary	2	0.00	1161	1	0.00	1345
Michele Palieri	R	Michele Parlieri; Michele Palieri; Michelle Parlieri	Italy	1	0.00	1242	1	0.00	1329
Michurinet	R	Michurinetz	Russia	0	0.00	1298	0	0.00	1374
Miguel del Arco	R	Miguel De Arco;;Vidau	Spain	468	0.01	385			
Milgronet	R		France	1	0.00	1206	1	0.00	1256
Milia	R		Slovakia	1	0.00	1208			
Millot-Foch	R	Léon Millot x Maréchal Foch; VB 85-1	Switzerland				126	0.00	538
Mindelo	R		Portugal	1	0.00	1285	1	0.00	1352
Minella Bianca	W		Italy	65	0.00	698	19	0.00	861
Minnesota Muscat	W		United States				0	0.00	1395
Miorita	W		Romania	7	0.00	1039	8	0.00	1004
Mireille	W		France	0	0.00	1345	0	0.00	1459
Misket	W		Ukraine						
Misket Cherven	G		Bulgaria	4159	0.09	122	4349	0.10	124
Misket Varnenski	W		Bulgaria	336	0.01	432			
Moldova	R		Moldova				12375	0.28	59
Molette	W		France	29	0.00	832	18	0.00	875
Molinara	R	Molinera	Italy	717	0.02	318	609	0.01	323
Mollard	R		France	23	0.00	874	23	0.00	841
Monarch	R		Germany				10	0.00	967
Monastrell	R	Garrut; Mataro; Mourvedre; Nonastrell; Mourvèdre; Monastrell; Mourvèdre	Spain	69742	1.51	14	51930	1.16	16
Monbadon	W		France	498	0.01	376			
Mondet	R		Portugal	0	0.00	1312	0	0.00	1392
Mondeuse Blanche	W		France	6	0.00	1068	7	0.00	1019
Mondeuse Noire	R	Mondeuse; Mondeuse Rouge	France	303	0.01	453	287	0.01	430
Monemvassia	W	Monemvassia	Greece	481	0.01	379	81	0.00	616
Monerac	R		France	3	0.00	1129	3	0.00	1131
Monica Nera	R		Italy	1404	0.03	220	1203	0.03	232
Monstruosa	W	Monstruosa de Monterrei	Spain	1	0.00	1241			
Montepulciano	R	Cordisco	Italy	34956	0.76	26	32935	0.73	26
Montils	W		France	164	0.00	544	165	0.00	508
Montonico Bianco	W		Italy	734	0.02	313	567	0.01	335
Montreal Blues	R	Montreal blue	United States				1	0.00	1340
Montu	W		Italy						
Monvedro	R		Portugal	6	0.00	1070	4	0.00	1099
Moore's Diamond	W	Moores Diamond	United States	42	0.00	773	24	0.00	832
Moradella	R		Italy	6	0.00	1067	1	0.00	1245
Morava	W		Serbia				34	0.00	755
Moravia Agria	R		Spain	550	0.01	357	222	0.00	465
Morenillo	R		Spain						
Morio-Muskat	W	Morio Muscat; Muscat Morio	Germany	526	0.01	360	440	0.01	372
Moristel	R	Juan Ibáñez; Miguel Del Arco	Spain	147	0.00	559	247	0.01	448
Mornen Noir	R		France						
Morone	R		Italy	13	0.00	956	7	0.00	1006
Morrastel Bouschet	R		France				4	0.00	1103
Moscadet	W		Portugal	4	0.00	1111	3	0.00	1126
Moscargo	R		Portugal	0	0.00	1348	0	0.00	1460

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Moscatel Lilaz	W	Lilas	Portugal	0	0.00	1383	0	0.00	1548
Moscatello Selvatico	W		Italy	35	0.00	798	5	0.00	1071
Moscato di Scanzo	R		Italy	53	0.00	736	10	0.00	972
Moscato di Terracina	W		Italy	138	0.00	570	22	0.00	844
Moscato Embrapa	W		Brazil	862	0.02	293	683	0.02	303
Moscato Giallo	W	Moscatel Amarilla; Moscatel Amarillo; Moscat Gaillo; Moscat Zuti	Italy	1467	0.03	213	1634	0.04	197
Moscato Nazareno	W		Portugal	68	0.00	693	40	0.00	722
Moscato Rosa del Trentino	R	Moscato Rosa; Moscato Rosado; Muskat Ruzza Crni	Italy	81	0.00	657	39	0.00	730
Moschofiler	G	Fileri, Moschofiler Ii	Greece	1111	0.02	255	1088	0.02	246
Moschomavro	R	Moschato	Greece	1428	0.03	217	113	0.00	562
Mostosa	W		Italy	24	0.00	870	16	0.00	892
Mourisco de Semente	R		Portugal	60	0.00	712	61	0.00	657
Mourisco de Trevoes	R		Portugal	2	0.00	1181	2	0.00	1189
Mourvaison	R		France	3	0.00	1146	3	0.00	1149
Mouyssagues	R		France	0	0.00	1361	0	0.00	1508
MRAC 1087	R		Switzerland				0	0.00	1449
MRAC 1099	R		Switzerland				0	0.00	1435
MRAC 1626	R		Switzerland				0	0.00	1541
MRAC 1817	R		Switzerland				0	0.00	1473
MRAC 40	R		Switzerland				0	0.00	1540
Mskhali	W		Armenia	1093	0.02	259			
Mtsvane Kakhuri	W	Mtsvane	Georgia	319	0.01	441	319	0.01	408
Müller-Thurgau	W	Findling; Muller Thurgau; Muller Thurgau Weiss; Müller Thurgau Rivaner; Rivaner; Rizvanac; Rizlingszilváni	Germany	22917	0.50	37	19501	0.43	39
Musann Blanc	W		Taiwan				5	0.00	1068
Muscadelle	W	Muscadelle (Tokay)	France	1637	0.04	202	1509	0.03	209
Muscardin	R		France	17	0.00	912	17	0.00	881
Muscaris	W	Muscaris (FR 493-87)	Germany				4	0.00	1089
Muscat	W	Moscatello; Moscato; Muscat Varieties; Muscat/Muskateller	Greece				744	0.02	287
Muscat Bailey A	R	Muscat Bailey	Japan	1422	0.03	218	1821	0.04	183
Muscat Blanc à Petits Grains	W	Bornova Misketi; Moscatel; Moscatel De Frontignan; Muscat Frontignan; Muscat frontignian; Muscat de Frontignan; Moscatel Frontignan; Moscatel de Grano Menudo; Moscatel Galego Branco; Moscato Bianco; Moscato Bianco R2; Moscato Canelli; Muscat Canelli; Moschato; Muscadel; Moscat Nunes; Moscatel Branco; Muscat A Petit Grains Blanc (Frontignac); Muscat a Petits Grains Blanc; Muscat A Petits Grains Blancs; Muscat Blanc; Muscat Blanc (du Valais); Muscat Blanc a Petit Grains; Muscat Petit Grain; Muscat Petits Grains; Muscat White; Muscat Blanc à Petits Grains; Muskat; Muskat Bijeli; Muskat Zlty; Muskateller; Muskateller Gelber; Muskateller, Gelber; Muškatžuti; Rumeni Muskat; Rumeni Muškat; Tamaiosa Romaneasca; Tămăioasă românească; Tamaiosa Romaneasca; Tamiossa Romaneasca; Temijanika; Fekete Muskotály; Sárka Muskotály	Greece	31259	0.68	33	33739	0.75	24
Muscat Blanc à Petits Grains (G)	W	Moscatel Rosada; Moscatel Rosada (Pastilla); Moscatel Rosado	Greece	8761	0.19	80	8258	0.18	82
Muscat Blanc à Petits Grains (R)	W	Muscadel Red; Muscat A Petit Grains Rouge/Rose (Frontignac); Muscat A Petits Grains Rouge; Muscat Rose; Muscat Violet; Muskateller, Roter; Muscat A Petits Grains Noirs; Moscatel Galego Tinto; Muscat A Petits Grains Roses; Moscatel Galego Roxo; Muscadel (red)	Greece	1459	0.03	216	1438	0.03	214
Muscat Bleu	R		Switzerland				3	0.00	1152
Muscat de Bugeac	R		Moldova				2	0.00	1221

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Muscat Fleur d'Oranger	W	Muscat Croquant; Muscat Fleur d'Oranger; Orange Muscat	France	91	0.00	635	299	0.01	418
Muscat of Alexandria	W	Hanepoot; Malaga; Moscatel Blanco; Moscatel Blanca; Moscatel de Alejandría; Moscatel de Alejandria; Moscatel De Alejandría - Blanca Italia; Moscatel de Malaga; Moscatel Graudo; Moscato de Alexandria; Muscat Amber; Muscat Alexandria; Muscat d'Alexandrie; Muscat Gordo Blanco; Zibibbo; Muscat Gordo Blanco	Greece	27648	0.60	35	34805	0.78	23
Muscat of Alexandria (R)	W	Red Hanepoot; Muscat Of Alexandria Red	Greece	6	0.00	1065	3	0.00	1147
Muscat of Hamburg	R	Hamburgi Muskotaly; Moscatel de Hamburg; Moscatel De Hamburgo; Moscatel Hamburg; Moscato d'Amberg; Moscato Nero di Aqui; Muscat de Hamburg; Muscat Hambourg; Muscat Hamburg; Muscat de Hambourg; Muskat Hungarian; Muskattrollinger; Muskat-Trollinger; Roter Muskateller; Hamburgi Muskotály; Black Muscat	United Kingdom	8140	0.18	83	7680	0.17	87
Muscat Ottonel	W	Moscato Ottonel; Muscat Ottonel; Muškat Ottonel; Muskat, Ottonel; Muskat-Ottonel; Ottonel Muskotály	France	10340	0.22	68	12464	0.28	58
Muscat Swenson	W	Muscats	United States	24	0.00	859	37	0.00	743
Muscat Timpuriu de Bucuresti	W	Muscat timpuriu	Romania				15	0.00	905
Muscat Yantarnyi	W	Muscat iantarnii	Moldova				683	0.02	301
Muscatin	W		Switzerland				0	0.00	1463
Muskat de Yaloven	W	Trigueira; Muscat de Ialoveni; Muscat de Yaloven; Malvasia Trigueira	Moldova	32	0	813	16	0	891
Muskat Moravsky	W		Czechia	514	0.01	366			
Muskat Zhemchuzhnyi	W	Muscat jemciujenii	Ukraine				1	0.00	1236
Mustoasă de Măderat	W	Mustoasa de Maderat; Mustoasa de Măderat; Mustoasade Măderat	Romania	255	0.01	481	282	0.01	432
Naia	W		Portugal	0	0.00	1294	0	0.00	1408
Naparo	R		Spain	1	0.00	1240	0	0.00	1553
Narince	W		Turkey	769	0.02	306	787	0.02	277
Nascetta	W		Italy	21	0.00	886	17	0.00	879
Nasco	W		Italy	141	0.00	566	91	0.00	593
Nebbiera	R		Italy	12	0.00	968	9	0.00	982
Nebbiolo	R	Nebbiolo; Nebbiollo	Italy	6125	0.13	102	7997	0.18	84
Negoska	R	Negoska	Greece	143	0.00	565	17	0.00	880
Negramoll	R	Molar; Mollar; Mulata; Negra Criolla; Negra Mole; Rabo de Ovelha Tinto; Saborinho; Tinta Madeira; Tinta Negra; Tinta Molle; Tinta Porto Santo	Spain	3195	0.07	141	3013	0.07	142
Négrette	R	Négrette; Pinot Saint George	France	1202	0.03	244	1112	0.02	244
Negretto	R		Italy	75	0.00	672	35	0.00	746
Negroamaro	R	Negro Amaro	Italy	11492	0.25	62	11449	0.26	63
Negră Aromat	R		Romania	1	0.00	1273	1	0.00	1335
Negră de Drăgășani	R	Negră de Dragasani; Negră de Drăgășani; Negru de Drăgășani	Romania	16	0.00	927	18	0.00	872
Negră de Yaloveni	R	Negră de Ialoveni	Moldova	15	0.00	933	141	0.00	527
Nehelescol	W	Kanaan	Israel	25	0.00	858	6	0.00	1038
Nektár	W	Nektar	Hungary	21	0.00	885	22	0.00	843
Ner d'Ala	R		Italy	30	0.00	824	10	0.00	962
Nerello Cappuccio	R		Italy	508	0.01	370	125	0.00	540
Nerello Mascalese	R		Italy	2883	0.06	152	1805	0.04	184
Neretta Cuneese	R		Italy	132	0.00	581	119	0.00	555
Neretto di Bairo	R		Italy	34	0.00	804	19	0.00	865
Nero Buono di Cori	R	Nero Buono	Italy	135	0.00	575	58	0.00	665
Nero d'Avola	R	Calabrese; Nero; Nero Davola	Italy	16649	0.36	46	14281	0.32	51
Nero di Troia	R	Uva Di Troia	Italy	2572	0.06	163	2512	0.06	159
Neronet	R		Czechia	72	0.00	678	6	0.00	1041
Neuburger	W	Neuburske	Austria	1030	0.02	269	578	0.01	331
Nevoeira	R		Portugal	0	0.00	1305	0	0.00	1380
New York Muscat	R	NY Muscat	United States	5	0.00	1085	12	0.00	927
New York Muscat and VG4111	R		United States				2	0.00	1181
Neyret	R		Italy	41	0.00	774	12	0.00	926

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Niagara	W	Niagara and Wiley White; Niagara Branca; Niagara White	United States	4670	0.10	114	3264	0.07	138
Niagara Red	R	Niagara Rosada	Brazil				469	0.01	363
Nieddera	R		Italy	107	0.00	606	91	0.00	594
Nigra	R		Italy	3	0.00	1153	1	0.00	1273
Nincusa	R		Croatia	17	0.00	918			
Noah	W	Ondarrabi Zuri	United States	563	0.01	352	200	0.00	480
Nobling	W		Germany	1	0.00	1239	52	0.00	683
Nocera	R		Italy	15	0.00	936	5	0.00	1065
Noir Fleurien	R		France	0	0.00	1340	0	0.00	1504
Noiret	R		United States	33	0.00	810	25	0.00	823
Noria	W		Slovakia	1	0.00	1207			
Norton	R	Cynthiana	United States	329	0.01	434	328	0.01	403
Nosiola	W		Italy	79	0.00	663	65	0.00	653
Nosztori Rizling	W		Hungary	1	0.00	1274	0	0.00	1441
Notardomenico	R		Italy	10	0.00	999	9	0.00	974
Noual	W		France						
Nouvelle	W		South Africa	422	0.01	394	428	0.01	376
Novac	R		Romania	73	0.00	674	74	0.00	634
Nuragus	W		Italy	1345	0.03	227	1008	0.02	252
Oberlin	R		France	64	0.00	703	26	0.00	816
Oberlin White	W		France						
Odessky Cherny	R	Alibernet; Odessa Black; Odessky Chernyi	Ukraine	2686	0.06	159	2508	0.06	160
Odola	R		France	0	0.00	1317	0	0.00	1402
Odysseus	W		Hungary	4	0.00	1096	25	0.00	819
Oeillade Bousche	R		France	1	0.00	1270	1	0.00	1336
Oeillade Noire	R		France	18	0.00	905	18	0.00	874
Ofthalmo	R		Cyprus	141	0.00	567			
Ohanes	W	Valensi; Valensi du Maroc	Spain	16	0	923	15	0	901
Ojaleshi	R		Georgia	32	0.00	814	32	0.00	770
Okanagan Riesling	W		United States				1	0.00	1358
Öküzgözü	R	Okuzgozu	Turkey	1479	0.03	212	1601	0.04	202
Olivette Blanche	W		France	2	0.00	1185	2	0.00	1203
Olivette de Laconnex	W		Switzerland				0	0.00	1552
Olivette Noire	R		Hungary	16	0.00	922	16	0.00	893
Ondenc	W		France	8	0.00	1025	1	0.00	1353
Onitskanskii Belyi	W	Alb de Onitcani; Onitcani	Moldova	71	0	680	490	0	354
Ontario	W		United States				0	0.00	1551
Optima	W	Optima 113	Germany	65	0.00	702	38	0.00	735
Ora	W		France	38	0.00	784	32	0.00	767
Oraniensteiner	W		Germany	3	0.00	1149	2	0.00	1174
Original	R		Ukraine				5	0.00	1076
Orion	W		Germany	13	0.00	953	1	0.00	1293
Orpheus	W		Hungary	0	0.00	1314	2	0.00	1230
Orpicchio	W		Italy	1	0.00	1289	0	0.00	1534
Ortega	W		Germany	667	0.01	330	532	0.01	343
Ortrugo	W		Italy	611	0.01	343	709	0.02	293
Osceola Muscat	W		United States				7	0.00	1009
Oseleta	R		Italy	15	0.00	938	16	0.00	886
Osennii Ciornai	R	Osennii ciornii	Moldova				8	0.00	993
Osteiner	W		Germany	1	0.00	1238	1	0.00	1325
Otskhanuri Sapere	R	Sapere Otskhanuri	Georgia	6	0.00	1050	6	0.00	1025
Padeiro	R		Portugal	86	0.00	644	88	0.00	601
Palas	R		Germany				7	0.00	1011
Palatina	W		Hungary	6	0.00	1063	3	0.00	1120
Palava	G		Czechia	230	0.00	498			
Pallagrello Bianco	W		Italy	55	0.00	728	6	0.00	1049
Pallagrello Nero	R		Italy	169	0.00	539	107	0.00	572
Palomino Fino	W	Listan; Madera; Malvasia Rei; Palamino; Palomino Superior	Spain	22693	0.49	38	23190	0.52	34
Palot	W		Spain						
Pamid	R	Pamiti; Piros Szlanka; Plovdivina; Rosioara; Roșioară	Bulgaria	9827	0.21	72	9961	0.22	69
Pampanaro	W		Italy	5	0.00	1093	1	0.00	1319
Pampanuto	W		Italy	356	0.01	421	33	0.00	765
Pamyati Negrulya	R	Pameati Negrulea	Moldova				123	0.00	546
Pannon Frankos	R		Hungary	16	0.00	921	12	0.00	929
Panonia	W	SK 90-2/19 (Pannonija)	Serbia				10	0.00	959
Panse Valenciano	W	Panse Valenciana	Spain	1	0.00	1237			
Paolina	W		Italy	1	0.00	1204	0	0.00	1471
Papazkarasi	R	Papazkarasi	Turkey	175	0.00	535	204	0.00	477
Pardillo	W	Marisancho	Spain	4364	0.09	120	3283	0.07	134

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Parellada	W		Spain	8847	0.19	79	7137	0.16	91
Parraleta	R	Bonvedro; Caricagiola; Pau Ferro; Tinta Caiada; Tinta Lameira	Spain	348	0.01	425	212	0.00	473
Parreira Matias	R		Portugal	1	0.00	1267	1	0.00	1330
Pascal Blanc	W		France	0	0.00	1376	0	0.00	1528
Pascale	R	Nieddu Mannu	Italy	375	0.01	409	289	0.01	427
Passau	R		Italy	5	0.00	1074	3	0.00	1108
Passerina	W		Italy	894	0.02	285	933	0.02	259
Patagonia	W		Argentina	40	0.00	778			
Patorra	R		Portugal	10	0.00	995	10	0.00	961
Pátria	W	Patria	Hungary	3	0.00	1137	5	0.00	1078
Patrizia Rosa	G	Patricia	Brazil	153	0.00	554			
Pavana	R		Italy	32	0.00	815	20	0.00	857
Pe Comprido	W		Portugal	1	0.00	1227	1	0.00	1348
Pecorello	W		Italy	34	0.00	805	9	0.00	975
Pecorino	W	Uvina	Italy	1228	0.03	239	1742	0.04	189
Pecsi Szagos	W	Zold Szagos; Zöld Szagos	Hungary	1	0.00	1228	1	0.00	1317
Pedral	R		Portugal	151	0.00	556	80	0.00	620
Pedro Giménez	W	Pedro Gimenez; Pedro Gimenez Rio Colorado; Pedro Gimenez Rio Colorado; Pedro Jimenez; Pedro Jimenez	Argentina	13502	0.29	55	15576	0.35	49
Pedro Ximénez	W	Pedro; Pedro Ximenez; Perrum; Pedro Ximenes	Spain	9235	0.20	76	8810	0.20	78
Pelaverga	R		Italy	55	0.00	726	46	0.00	709
Pelaverga Piccolo	R		Italy	6	0.00	1066	6	0.00	1046
Peloursin	R		France						
Pelso	W		Hungary	1	0.00	1271	1	0.00	1334
Pepella	W		Italy	3	0.00	1138	0	0.00	1438
Perdea	W		France	2	0.00	1158	2	0.00	1188
Perera	W		Italy	4	0.00	1105	2	0.00	1196
Perigo	W		Portugal	4	0.00	1103	4	0.00	1086
Perla dei Vivi	R		Italy	1	0.00	1264	1	0.00	1347
Perlaut	W		France	1	0.00	1224	1	0.00	1275
Perle	G		Germany	34	0.00	802	18	0.00	871
Perlette	W		United States	1	0.00	1212	2	0.00	1171
Perlita	W		Spain	1	0.00	1236			
Perola	W		Portugal						
Perricone	R		Italy	228	0.00	499	80	0.00	621
Perruno	W	Royal	Spain	1509	0.03	209	745	0.02	286
Persan	R	Beuet	France	12	0.00	969	12	0.00	936
Pervenets Magaracha	W	Magaracha's Firstborn; Pervenec Magaracha; Pervenet Magaracia; Pervenets of Magarach	Ukraine	2881	0.06	153	2755	0.06	150
Pervomaisky	R	Pervomaiskii	Uzbekistan	64	0.00	704			
Petit Bouschet	R	Tintinha	France	15	0.00	929	120	0.00	551
Petit Courbu	W	Petit Courbou Ondarrzurizerrat	France	102	0.00	616	1	0.00	1268
Petit Manseng	W	Manseng Petit Blanc	France	1109	0.02	256	1299	0.03	221
Petit Meslier	W		France	4	0.00	1102	3	0.00	1114
Petit Rouge	R		Italy	84	0.00	650	68	0.00	647
Petit Verdot	R	Verdot	France	7195	0.16	92	8124	0.18	83
Petite Amie	W		United States				0	0.00	1513
Petite Milo	G		Switzerland				6	0.00	1047
Petite Pearl	R	Petite Perle	United States				11	0.00	954
Pexem	R		Portugal	3	0.00	1119	3	0.00	1141
Phoenix	W		Germany	67	0.00	694	46	0.00	708
Picapoll Blanco	W		Spain	37	0.00	788	40	0.00	721
Picardan	W		France	1	0.00	1261	1	0.00	1320
Piccola Nera	G		Italy	17	0.00	914	6	0.00	1053
Picolit	W		Italy	128	0.00	586	121	0.00	550
Piculit Neri	R		Italy	22	0.00	883	8	0.00	991
Piedirocco	R		Italy	699	0.02	321	593	0.01	327
Pignola Valtellinese	R	Pignola	Italy	49	0.00	756	28	0.00	795
Pignoletto	W		Italy	1707	0.04	199	1174	0.03	237
Pignolo	R		Italy	93	0.00	631	50	0.00	690
Pineau d'Aunis	R		France	437	0.01	392	413	0.01	381
Pinella	W	Pinela	Italy	72	0.00	679	128	0.00	536
Pinorico	R		Switzerland				0	0.00	1397
Pinot Blanc	W	Beli Pinot; Burgunder; Burgunder, Weißer; Pinot Bianco; Pinot Bijeli; Pinot Blanc; Weisser Burgunder; Weissburgunder; Pinot Blanco; Pinot White; Rulandske Bile; Weißburgunder	France	14812	0.32	52	13779	0.31	53

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Pinot Gris	G	Grauer Burgunder; Pinot Grey; Pinot Grigio; Pinot Gris (Grigio); Pinot Gris/Grigio; Pinot Gris/Malvoisie/Grauburgunder; Pinot Sivi; Pinotsivi; Rulander; Ruländer (Burgunder, Grauer); Rulandske Sede; Sivi Pinot; Szürkebarát	France	43773	0.95	19	48570	1.08	18
Pinot Meunier	R	Meunier; Müllerrebe (Schwarzriesling); Pinot Menier; Pinot Menieur; Schwarzriesling	France	13566	0.29	54	14695	0.33	50
Pinot Noir	R	Pinot Noire; Blauer Burgunder; Gros Bec; Mario Feld; Modri Pinot; Pinot 386; Pinot Crni; Pinot Negro; Pinot Nero; Pinot Noir - Pinot Negro; Pinot Noir / Blauer burgunder; Pinot Noir, Blue (including velvet red); Pinot Noir/Blauburgunder; Pinot Noir; Pinot Noir Blauer Burgunder; Rulandske Modre; Servagnin; Spätburgunder, Blauer (einschl. Samtrot)	France	98623	2.14	10	105480	2.35	10
Pinot Noir Précocce	R	Pinot Noir Precoce; Fruhburgunder; Frühburgunder, Blauer; Pinot Noir Précocce/Frühburgunder	France	273	0.01	465	251	0.01	446
Pinotage	R		South Africa	6404	0.14	96	7132	0.16	92
Pinotin	R		Germany		0	0.00			1453
Pionnier	R		United States		1	0.00			1243
Piquepoul Blanc	W		France	1492	0.03	211	1565	0.03	205
Piquepoul Bousch	R		France						
Piquepoul Gris	G		France	2	0.00	1194	2	0.00	1228
Piquepoul Noir	R	Pical; Picapoll Negro	France	70	0.00	686	69	0.00	644
Piroso	R		Germany		4	0.00			1090
Plant Droit	R		France	19	0.00	898	19	0.00	864
Planta Mula	R		Spain	24	0.00	865	11	0.00	955
Planta Nova	W	Alvarelhao Branco	Spain	1395	0.03	221	888	0.02	268
Plantet	R		France	1060	0.02	267	420	0.01	378
Plassa	R		Italy	91	0.00	633	86	0.00	605
Plavac Mali	R	Plavac Mali Crni; Plavec Mali; Plavecmal	Croatia	1569	0.03	207	1714	0.04	190
Plavaie	W	Plăvaie; Plavay	Romania	209	0.00	511	152	0.00	517
Plavec Žuti	W	Plavec Zuti; Rumeni Plavec; Plavac Zuti	Croatia	13	0.00	955	82	0.00	612
Plavina	R	Plavina Crna; Plavinacrna	Croatia	643	0.01	335	683	0.02	302
Podarok Magaracha	W	Magaracha's Gift; Podarok of Magarach	Ukraine	504	0.01	372	292	0.01	424
Podarok Zaporozju	W	Novîi podaroc Zaporozju	Ukraine				31	0.00	774
Pollera Nera	R		Italy	54	0.00	729	32	0.00	768
Pölöskei Muskotály	W	Poeloeske Muskotaly; Poloske; Poloskei Muskotaly; Muscat Poloskey; Pölöskei Muskotaly	Hungary	103	0.00	614	207	0.00	476
Portan	R		France	264	0.01	475	256	0.01	442
Portland	W		United States	12	0.00	961	39	0.00	726
Pošip Bijeli	W	Posip Bijeli	Croatia	253	0.01	483			
Pougnet	R		France						
Poulard	R		France	307	0.01	450	90	0.00	597
Poulard Blanc	W		France	0	0.00	1377	0	0.00	1538
Pozsonyi Fehér	W	Pozsonyi Feher; Pozsonyi	Hungary	10	0.00	988	10	0.00	969
Praca	W		Portugal	166	0.00	542	169	0.00	505
Prairie Star	W		United States	21	0.00	887	23	0.00	836
Prensal	W	Moll; Pensal Blanco	Spain	105	0.00	611	129	0.00	534
Preto Cardana	R		Portugal	5	0.00	1089	5	0.00	1080
Preto Martinho	R	Amostrinha	Portugal	163	0.00	546	163	0.00	512
Prezentabil	W		Moldova				215	0.00	469
Prie	W	Prie Blanc	Italy	33	0.00	808	24	0.00	833
Prieto Picudo	R		Spain	4587	0.10	116	4293	0.10	126
Prima	R		France	84	0.00	651	81	0.00	618
Primavera	R		Portugal	40	0.00	777	39	0.00	727
Primetta	G	Prie Rouge	Italy	24	0.00	872	14	0.00	908
Prinzipal	W		Germany		2	0.00			1184
Prior	R		Germany		14	0.00			913
Prodest	R		Italy						
Prokupac	R	Prokupec	Serbia	15180	0.33	51	1361	0.03	217
Promissao	W		Portugal	6	0.00	1055	3	0.00	1118
Prosecco	W		Italy	18437	0.40	43	20109	0.45	37
Prosecco Lungo	W		Italy	1367	0.03	225	1450	0.03	211

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Provareau	R		France						
Prunelard	R		France	20	0.00	891	19	0.00	859
Prunesta	R		Italy	36	0.00	793	31	0.00	775
Pugnitello	R		Italy	28	0.00	834	15	0.00	903
Purcsin	R		Hungary				0	0.00	1403
Putzscheere	W		Hungary						
Quagliano	R		Italy	9	0.00	1008	9	0.00	976
Quebranta	R		Peru	345	0.01	428	330	0.01	400
Quiebratinajas Tinto	R	Colgadero; Quiebratinajas	Spain	5	0.00	1080	9	0.00	981
Rabigato	W	Rabigato Franco	Portugal	1273	0.03	235	1969	0.04	175
Rabigato Moreno	W		Portugal	1	0.00	1254	1	0.00	1301
Rabo de Anho	R		Portugal	99	0.00	621	86	0.00	604
Rabo de Lobo	R		Portugal	3	0.00	1124	3	0.00	1121
Rabo de Ovelha	W		Portugal	908	0.02	283	563	0.01	336
Raboso Piave	R	Raboso	Italy	776	0.02	305	665	0.01	306
Raboso Veronese	R		Italy	277	0.01	463	295	0.01	422
Radisson	R		United States				8	0.00	1001
Raffiat de Moncade	W		France	7	0.00	1046	6	0.00	1027
Raisaine	W		France						
Rambella	W	Famoso	Italy	6	0.00	1057	6	0.00	1028
Ramisco	R	Ramisco Tinto	Portugal	34	0.00	806	33	0.00	764
Ranfol	W		Slovenia	134	0.00	579			
Ranna Melnishka Loza	R		Bulgaria	249	0.01	486			
Rathay	R		Austria	9	0.00	1017	32	0.00	772
Räuschling	W	Rauschling; Roter Räuschling	Germany	23	0.00	879	23	0.00	837
Ravat	R		France	1	0.00	1266	1	0.00	1326
Ravat Blanc	W		France	7	0.00	1047	6	0.00	1037
Rayada Melonera	R	Corropio	Spain	1	0.00	1218	1	0.00	1297
Rayon d'Or	W		France	6	0.00	1064	6	0.00	1048
Reberger	R		Germany				2	0.00	1183
Rebo	R		Italy	125	0.00	587	92	0.00	589
Recantina	R		Italy	9	0.00	1004	4	0.00	1097
Red Globe	R		United States	242	0.01	490	242	0.01	450
Red Millennium	R		Japan				2	0.00	1223
Refosco	R	Refosk; Refošk	Italy				1341	0.03	218
Refosco dal Peduncolo	R		Italy	1082	0.02	261	1272	0.03	222
Rosso									
Refosco di Faedis	R	Refosco Nostrano	Italy	217	0.00	503	185	0.00	492
Refrén	W	Refren	Hungary	0	0.00	1301	0	0.00	1378
Regent	R		Germany	2187	0.05	175	1974	0.04	174
Regner	W		Germany	46	0.00	761	21	0.00	849
Reichensteiner	W		Germany	247	0.01	487	120	0.00	554
Reliance	R		United States	4	0.00	1115	4	0.00	1100
Réselle	W		Switzerland				1	0.00	1276
Retagliado Bianco	W		Italy	28	0.00	835	11	0.00	948
Reze	W		Switzerland						
Ribol	R		France	147	0.00	560	141	0.00	528
Ribolla Gialla	W	Rebula	Italy	1178	0.03	250	959	0.02	257
Rieslaner	W		Germany	84	0.00	648	73	0.00	635
Rieslina	W	Rieslina (Inta C.G. 38049)	Argentina	174	0.00	537	103	0.00	576
Riesling	W	J. Riesling; Rajinski Rizling; Renski Rizling; Rèze; Rheine Riesling; Rheinriesling; Riesling de Rhin; Riesling Lion; Riesling Renan; Riesling Renano; Riesling Weisser; Riesling, Weißer; Riesling-Lion; Rizling Rynsky; Ryzlink Rynsky; White Riesling; Rajnai rizling	Germany	50014	1.08	18	59805	1.33	12
Riesling Forte	W		Japan				2	0.00	1159
Riesus	W		Ukraine	115	0.00	592	115	0.00	558
Rio Grande	W		Portugal	1	0.00	1287	0	0.00	1360
Ripolo	W		Italy	1	0.00	1222	1	0.00	1270
Riton	W		Moldova	257	0.01	478	568	0.01	334
Rkatsiteli	W	Rkaciteli; Rkatiteli; Rkaṭiteli; Rkatziteli	Georgia	58641	1.27	17	51374	1.15	17
Roal	R	Rual	Portugal	1	0.00	1220	1	0.00	1314
Robola	W	Rombola	Greece	471	0.01	382	152	0.00	516
Roditis	G		Greece	4668	0.10	115	8463	0.19	81
Roditis (R)	G	Roditis (Red)	Greece	3826	0.08	129	828	0.02	274
Rojal Tinta	R		Spain	1801	0.04	195	736	0.02	289
Rollo	W	Livornese Bianca	Italy	51	0.00	746	15	0.00	898
Rome	R	Rome Tinto	Spain	297	0.01	454	172	0.00	504
Romeiko	R		Greece	1597	0.03	205	1131	0.03	242
Romorantin	W		France	72	0.00	677	69	0.00	643

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Romulus	W		United States				1	0.00	1282
Rondinella	R		Italy	2480	0.05	166	2684	0.06	155
Rondo	R		Germany	40	0.00	775	51	0.00	689
Roobernet	R		South Africa	139	0.00	569	269	0.01	438
Rosa Arica	R		Peru	1	0.00	1235	1	0.00	1294
Rosaki	W		Turkey				2	0.00	1177
Rosciola	G	Rosciola rose	Italy	2	0.00	1160	1	0.00	1277
Rose Ciotat	W		Japan				2	0.00	1193
Rose du Var	G		France	56	0.00	721	54	0.00	672
Rosina	W		Romania	1	0.00	1226	1	0.00	1263
Rösler	R	Rösler	Austria	160	0.00	548	217	0.00	468
Rossara Trentina	R	Rossara	Italy	8	0.00	1026	6	0.00	1032
Rossese	R		Italy	312	0.01	445	164	0.00	511
Rossese Bianco	W		Italy	7	0.00	1031	5	0.00	1062
Rossignola	R		Italy	188	0.00	527	49	0.00	700
Rossola Nera	R		Italy	86	0.00	643	29	0.00	790
Rotberger	R		Germany	17	0.00	913	11	0.00	944
Roter Milan	R		Switzerland				0	0.00	1452
Roter Veltliner	G	Piros Veltelini; Red Veltliner	Austria	199	0.00	519	198	0.00	483
Rotgipfler	W		Austria	105	0.00	610	123	0.00	545
Roublot	W		France						
Rouge de Fully	R	Durize	Switzerland				1	0.00	1338
Rouge du Pays	R	Cornalin/Landroter	Switzerland				136	0.00	532
Rougeon	R		France	42	0.00	772	21	0.00	846
Roussanne	W	Rousanne	France	1851	0.04	192	2137	0.05	170
Roussette d'Ayze	W		France	1	0.00	1213	1	0.00	1316
Roussin	R		Italy	3	0.00	1130	2	0.00	1227
Roviello Bianco	W		Italy	2	0.00	1198	1	0.00	1323
Roxo de Vila Flor	R	Roxo Flor	Portugal	0	0.00	1331	0	0.00	1444
Roxo Rei	G		Portugal	0	0.00	1308	0	0.00	1387
Royal de Alloza	R	Derechero	Spain	29	0.00	831	6	0.00	1052
Royalty	R		United States	97	0.00	625	93	0.00	587
Roz de Minis	G		Romania	6	0.00	1053	7	0.00	1020
Rozala Bianca	W	Rozalia; Rozália	Hungary	2	0.00	1197	2	0.00	1179
Rózsakő	W	Rozsakoe	Hungary	19	0.00	901	17	0.00	876
Rúbea	R		Brazil	81	0.00	656	181	0.00	496
Rubienne	R		Australia				1	0.00	1309
Rubilande	G		France	8	0.00	1027	7	0.00	1018
Rubin Golodrigi	R	Ruby of Golodryga	Ukraine	82	0.00	654	82	0.00	615
Rubin Tairovsky	R	Rubin Tairovski	Ukraine	2	0.00	1173	5	0.00	1059
Rubinet	R		Czechia				15	0.00	899
Rubinovy Magaracha	R	Ruby Magaracha	Ukraine	0	0.00	1344	0	0.00	1457
Rubintos	R		Hungary	18	0.00	906	13	0.00	920
Rubired	R	Tintoria	United States	4556	0.10	118	4916	0.11	112
Ruby	R		United States	9	0.00	1006	9	0.00	973
Ruby Cabernet	R	Rubi Cabernet	United States	5729	0.12	104	5309	0.12	107
Ruby Seedless	R		United States						
Ruche	R		Italy	100	0.00	620	100	0.00	580
Rufete	R	Castellana	Portugal	4833	0.10	111	1859	0.04	180
Ruggine	W		Italy	1	0.00	1202	1	0.00	1307
Ryugan	W		Japan				27	0.00	800
Sabrevois	R		United States	10	0.00	994	25	0.00	817
Sacy	W		France	10	0.00	997	8	0.00	989
Sagrantino	R		Italy	995	0.02	271	1026	0.02	251
Saint Jeannet	W	Saint Jeannett	Argentina	56	0.00	722	43	0.00	717
Saint Macaire	R		France				6	0.00	1045
Saint-Cliche	W		Canada				0	0.00	1479
Saint-Pierre Dore	W		France	0	0.00	1302	0	0.00	1425
Salvador	R		France	394	0.01	403	351	0.01	396
Samarrinho	W		Portugal	1	0.00	1214	1	0.00	1308
San Giuseppe Nero	R		Italy	192	0.00	524	82	0.00	613
San Lunardo	W		Italy	10	0.00	1000	4	0.00	1104
San Martino	R		Italy	21	0.00	889	6	0.00	1033
San Michele	R		Italy	57	0.00	720	37	0.00	741
Sanforte	R		Italy	1	0.00	1286	0	0.00	1470
Sangiovese	R	Nielluccio; Prugnolo Gentile; Sangiovese/ Nielluccio; Brunello	Italy	78030	1.69	12	73464	1.64	11
Sankt Laurent	R	Saint Laurent; Šentlovrenka; St Laurent; Svatovavrinecke; Szentlorinc; Szentlőrinc	Austria	3664	0.08	131	3272	0.07	137
Santa Maria	W		Italy	3	0.00	1139	2	0.00	1216
Santarena	R	Santareno	Portugal	739	0.02	311	724	0.02	291
Santoal	W		Portugal	9	0.00	1009	4	0.00	1087
Sao Mamede	W	S. Mamede	Portugal	1	0.00	1276	1	0.00	1354

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Saperavi	R		Georgia	8126	0.18	84	6478	0.14	96
Saperavi Severny	R	Saperavi Nothern; Saperavi Severnii	Russia	350	0.01	422	325	0.01	405
Saphira	W		Germany				8	0.00	987
Şarbă	W	Sarba	Romania	265	0.01	473	266	0.01	439
Sárfehér	W	Sarfeher	Hungary				2	0.00	1199
Satin Noir	R	VB 91-26-29	Switzerland				0	0.00	1512
Sauvignac	W	VB Cal 6-04	Switzerland				2	0.00	1176
Sauvignon Blanc	W	Sauvignon; Sauvignon B.; Sauvignon Blanca; Sauvignon Blanco; Sauvignon Musque	France	111552	2.42	8	124700	2.78	8
Sauvignon Blanc (G)	W	Sauvignon Gris; Sauvignon Rose	France	698	0.02	322	1076	0.02	247
Sauvignonasse	W	Friulano; Sauvignon Vert; Tocai; Tocai Friulano; Zeleni Sauvignon	France	4563	0.10	117	3861	0.09	130
Savagnin Blanc	W	Savagnin; Traminac Bijeli; Traminec; Traminec Bel; Traminer; Savagnin Blanc/Heida	France	1950	0.04	185	2267	0.05	166
Savagnin Rose	G	Piros Tramini	France	884	0.02	290	48	0.00	704
Savatiano	W	Savvatiano	Greece	9920	0.21	71	10268	0.23	67
Scheurebe	W		Germany	2039	0.04	182	1626	0.04	198
Schiava	R		Italy	517	0.01	365	236	0.01	454
Schiava Gentile	R		Italy	694	0.02	323	165	0.00	510
Schiava Grigia	R		Italy	66	0.00	696	4	0.00	1101
Schiava Grossa	R	Blauer Trollinger; Tschaggele; Vernatsch; Trollinger	Italy	3011	0.07	148	2256	0.05	167
Schiava Lombarda	R	Erbanno	Italy	0	0.00	1358	701	0.02	297
Schioppettino	R		Italy	154	0.00	553	87	0.00	603
Schönburger	G	Schonburger	Germany	68	0.00	690	35	0.00	745
Sciaglin	W		Italy	6	0.00	1052	3	0.00	1110
Sciascinoso	R	Olivella Nera	Italy	94	0.00	630	59	0.00	661
Scimiscia	W		Italy	5	0.00	1073	2	0.00	1222
Scuppernong	W	Muscadine	United States				27	0.00	802
Seara Nova	W		Portugal	681	0.01	328	471	0.01	361
Segalin	R		France	65	0.00	701	61	0.00	658
Seibel	R	Seibel 2 (seibelet)	France	592	0.01	344	482	0.01	357
Seibel White	W		France	0	0.00	1357	0	0.00	1500
Seinoir	R		France	87	0.00	640	50	0.00	696
Select	W	Seleções	France	7	0.00	1034	7	0.00	1007
Semebat	R		France	2	0.00	1191	1	0.00	1238
Semidano	W		Italy	36	0.00	790	34	0.00	759
Sémillon	W	Semigion; Semilao; Semilion; Semillon	France	22157	0.48	39	18693	0.42	42
Sennen	R		Italy	10	0.00	991	2	0.00	1168
Septimer	G		Germany				1	0.00	1288
Sercial	W	Esganoso	Portugal	106	0.00	608	85	0.00	607
Sercialinho	W		Portugal	9	0.00	1018	4	0.00	1096
Serna	G		Argentina	36	0.00	794			
Servanin	R		France						
Servant	W	Raisin Blanc	France	183	0.00	529	138	0.00	531
Sevilhao	R		Portugal	14	0.00	945	14	0.00	912
Seyval Blanc	W	Seyval; Seyval (Blanc); Seyval Blanc and Vidal 256; Seyve Villard; Seyve Villard 5276	France	569	0.01	351	2699	0.06	152
Seyval Noir	R	Seyve Willard (Tinta)	Canada				76	0.00	632
Seyve Villard 23-512	R	S.V. 23-512	France	29	0.00	833			
Sgavetta	R		Italy	47	0.00	758	26	0.00	809
Shalistic	W		Australia				0	0.00	1554
Sheridan	R	Seridan	United States	500	0.01	374	500	0.01	352
Shiroka Melnishka	R	Melnik; Shiroka Melnishka Loza	Bulgaria	1580	0.03	206	1205	0.03	231
Sicilien	W		France	5	0.00	1088	5	0.00	1079
Siegerrebe	G		Germany	131	0.00	582	102	0.00	579
Siegfriedrebe	W	Siegfried	Germany				2	0.00	1207
Silcher	W		Germany				1	0.00	1287
Silvaner	W	Silvanac Zeleni; Silvaner Grun; Silvaner, Grüner; Silvanske Zelene; Sylvaner; Sylvaner Verde; Sylvaner/Rhin; Sylvanske Zelene; Zeleni Silvanec; Zold Szilvani; Zöld szilváni	Austria	7395	0.16	91	6072	0.14	99
Silvaner (R)	W	Blauer Silvaner; Silvaner, Blauer; Roter Silvaner	Austria	38	0.00	783	25	0.00	822
Siramé	R		Switzerland				0	0.00	1391

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
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Síria	W	Alvadurao; Cigunte; Crato Espanhol; Dona Blanca; Dofa Blanca; Malvasia Branca; Roupeiro Branco; Sabro; Siria; Valenciana Blanca	Portugal	7898	0.17	87	7037	0.16	93
Sirio	W		Italy	14	0.00	946	5	0.00	1058
Sirius	W		Germany						
Škrlet	W	Skrlet	Croatia	61	0.00	709			
Slankamenka	W	Majarcă Albă	Serbia	53	0.00	735	23	0.00	838
Solaris	W	Solaris (FR 240-75)	Germany	81	0.00	660	118	0.00	556
Somerset Seedless	G	Somerset	United States				1	0.00	1242
Somszoekoe Kék	R	Hajnos Kék	Hungary				0	0.00	1516
Soperga	R		Italy	22	0.00	881	17	0.00	882
Soreli	W	Soreli (UD-31.113)	Italy				0	0.00	1495
Souvignier Gris	G	Souvignier Gris (FR 392-83)	Germany				3	0.00	1132
Sovereign Coronation	R	Sovereign, Coronation, etc.	Canada				1	0.00	1304
Sovereign Opal	W		Canada	3	0.00	1143	3	0.00	1130
Spergola	W		Italy	110	0.00	602	115	0.00	559
Sremska Zelenika	W	Szerémi Zöld; Szeremi Zold	Serbia	0	0.00	1304	0	0.00	1485
St Croix	R		United States	25	0.00	857	45	0.00	713
St Pepin	W		United States	19	0.00	896	37	0.00	739
St Vincent	R		United States	23	0.00	877	20	0.00	853
Stanušina Crna	R	Stanushina; Stanušina	North Macedonia				400	0.01	384
Staufer	W		Germany						
Stavroto	R		Greece	11	0.00	979	0	0.00	1430
Stepnyak	W	Stepniak	Russia	144	0.00	562	144	0.00	524
Steuben	R		United States	39	0.00	780	35	0.00	751
Storgozia	R		Bulgaria	295	0.01	455			
Sugrafive	W	Sugra Five;	United States	2	0.00	1172	0	0.00	1533
Sukholimansky Bely	W	Suholimanski belii; Suholimanskij White; Suholimenschii Belii; Sukholimansky	Ukraine	2156	0.05	178	405	0.01	383
Sulima	W		France	0	0.00	1367	0	0.00	1527
Sultaniye	W	Soultanina; Sultana; Sultanina; Thompson Seedless	Turkey	3413	0.07	140	5325	0.12	106
Summerland	R		Canada				0	0.00	1478
Sumoll	R	Vijiriego Negro	Spain	83	0.00	653	16	0.00	890
Sun Muscat	R		Australia				23	0.00	835
Superior Seedless	W		United States	9	0.00	1012	9	0.00	977
Suscan	R	Brajda Crna	Croatia	5	0.00	1072			
Susumaniello	R		Italy	50	0.00	750	8	0.00	997
Swenson Red	R		United States	11	0.00	975	10	0.00	968
Swenson White	W		United States				2	0.00	1162
Symphony	W		United States	324	0.01	439	647	0.01	312
Syrah	R	Chirac; Shiraz; Sira (falsa); Sirah; Syrah	France	185117	4.01	6	181185	4.04	6
Táltos	W	Taltos	Hungary	1	0.00	1232	1	0.00	1350
Tamarez	W		Portugal	343	0.01	431	298	0.01	420
Tamarugal	W		Chile				1	0.00	1324
Taminga	W		Australia				2	0.00	1209
Tannat	R	Tannat (Harriague)	France	5765	0.12	103	5611	0.13	102
Tardia de Caxias	G		Brazil				0	0.00	1383
Tarrango	R		Australia	72	0.00	676	16	0.00	885
Tauberschwarz	R	Tauberschwarz (Hängling, Blauer)	Germany	11	0.00	978	16	0.00	887
Taurus	W		Hungary				0	0.00	1404
Tavkveri	R		Georgia	37	0.00	786	37	0.00	737
Taylor	W		United States						
Tazzelenghe	R		Italy	55	0.00	725	45	0.00	710
Tedi's Best	R		Switzerland				0	0.00	1494
Teinturier	R	Farbertraube; Färbertraube; Pontak	France	7	0.00	1030	9	0.00	978
Tempranillo	R	Aragonez; Tempranillo Tinto; Tinta Roriz; Tinto de Toro	Spain	232988	5.05	4	219379	4.89	3
Tempranillo (W)	R	Tempranillo Blanco	Spain	5	0.00	1079	110	0.00	567
Teoulier Noir	R		France	0	0.00	1368	0	0.00	1514
Termarina Rossa	G	Termarina	Italy	20	0.00	893	2	0.00	1164
Teroldego	R	Teroldego, Lagrein, Dolcetto	Italy	839	0.02	300	772	0.02	285
Terrano	R	Teran	Italy	1914	0.04	188	209	0.00	475
Terrantez	W		Portugal	12	0.00	967	11	0.00	947
Terrantez do Pico	W		Portugal	0	0.00	1309	0	0.00	1407
Terras 20	R		France	0	0.00	1347	0	0.00	1461
Terret	W	Terret Blanc	France	1390	0.03	223	872	0.02	271
Terret Gris	W		France	78	0.00	666	76	0.00	631
Terret Noir	R		France	143	0.00	564	139	0.00	529
Therona	W		South Africa	99	0.00	622	67	0.00	648
Thrapсathiri	W		Greece	31	0.00	820	27	0.00	804

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Tibouren	R		France	443	0.01	391	432	0.01	375
Tihanyi Kék	R		Hungary				0	0.00	1515
Tilki Kuyrugu	W	Telti Kyryk	Armenia	246	0.01	488			
Timorasso	W		Italy	129	0.00	583	123	0.00	547
Timpuriu de Cluj	W		Romania	1	0.00	1251	1	0.00	1279
Tinta Aguiar	R		Portugal	75	0.00	673	77	0.00	629
Tinta Aurelio	R	Tinto do Aurelio	Portugal	0	0.00	1382	0	0.00	1549
Tinta Barroca	R	Barroco	Portugal	6172	0.13	99	4926	0.11	111
Tinta Bragao	R	Bragao	Portugal	63	0.00	706	64	0.00	655
Tinta Carvalha	R		Portugal	1311	0.03	232	1113	0.02	243
Tinta Castañal	R	Castañal	Spain				3	0.00	1122
Tinta da Barca	R	Barca	Portugal	345	0.01	429	352	0.01	394
Tinta da Melra	R	Melra	Portugal	1	0.00	1280	1	0.00	1344
Tinta de Alcoa	R	Alcoa	Portugal	24	0.00	867	24	0.00	826
Tinta de Cidelhe	R	Cidelhe	Portugal	1	0.00	1268	1	0.00	1327
Tinta de Pegoes	R	Tinto Pegoes	Portugal	195	0.00	522	191	0.00	490
Tinta do Rodo	R	Rodo	Portugal	3	0.00	1121	3	0.00	1112
Tinta Engomada	R	Engomada	Portugal	4	0.00	1106	4	0.00	1102
Tinta Francisca	R		Portugal	53	0.00	737	55	0.00	667
Tinta Malandra	R	Malandra	Portugal	0	0.00	1381	0	0.00	1547
Tinta Martins	R		Portugal	11	0.00	983	10	0.00	956
Tinta Mesquita	R		Portugal	1	0.00	1219	1	0.00	1262
Tinta Penajoia	R		Portugal	53	0.00	738	53	0.00	680
Tinta Pereira	R		Portugal	1	0.00	1229	1	0.00	1283
Tinta Pomar	R		Portugal	30	0.00	828	30	0.00	781
Tinta Roseira	R	Roseira	Portugal	4	0.00	1113	4	0.00	1105
Tinta Valdosa	R	Valdosa	Portugal	1	0.00	1284	1	0.00	1351
Tinta Varejoa	R	Varejoa	Portugal	1	0.00	1230	1	0.00	1278
Tintem	R		Portugal	9	0.00	1011	9	0.00	979
Tintilia del Molise	R	Tintilia	Italy	111	0.00	599	66	0.00	650
Tinto Cão	R	Tinto Cao; Tinta Cao	Portugal	369	0.01	412	372	0.01	388
Tinto de Zafra	R		Spain	2	0.00	1171			
Tinto Jeroma	R		Spain						
Tinto Velasco	R	Tinto de la Pampa Blanca; Tinto Velasco, Frasco	Spain	7829	0.17	88	5369	0.12	105
Torbato	W		Italy	52	0.00	741	46	0.00	706
Torrontes Mendocino	W	Torrontés Mendocino	Argentina	661	0.01	332	653	0.01	310
Torrontés Riojano	W	Torrontel; Torrontes Riojano	Argentina	8937	0.19	77	8859	0.20	77
Torrontés Sanjuanino	W	Moscata Austria; Moscatel De Austria; Torrontes Sanjuanino	Argentina	2531	0.05	165	3656	0.08	131
Tortosi	W	Tortosina	Spain	503	0.01	373	325	0.01	404
Touriga Femea	R		Portugal	15	0.00	937	15	0.00	902
Touriga Franca	R	Touriga Francesa	Portugal	11590	0.25	61	14224	0.32	52
Touriga Nacional	R	Touriga; Touriga Nacional N; Touriga National	Portugal	10446	0.23	67	11722	0.26	61
Trajadura	W	Treixadura	Portugal	2169	0.05	177	2492	0.06	161
Traminette	W		United States	240	0.01	492	239	0.01	452
Trbljan	W	Trbljan Bijeli	Croatia	231	0.01	496			
Trebbianina	W		Italy	128	0.00	585	30	0.00	782
Trebbiano d'Abruzzo	W	Trebbiano Abruzzese	Italy	5091	0.11	108	2630	0.06	157
Trebbiano Giallo	W		Italy	10664	0.23	65	2275	0.05	165
Trebbiano Modenese	W		Italy	363	0.01	415	287	0.01	429
Trebbiano Romagnolo	W		Italy	15893	0.34	49	19059	0.43	41
Trebbiano Spoletino	W		Italy	200	0.00	517	121	0.00	549
Trebbiano Toscano	W	St. Emilion; Talia; Trebbiano; Trebbiano Toscan; Trebbiano Toscano / Ugni blanc; Trebbiano Toscano Ugni blanc; Ugni blanc; Ugni Blanc (Trebbiano Toscan); Ugni	Italy	111290	2.41	9	120343	2.68	9
Trepat	R	Bonicaire; Parrel Verdal	Spain	1358	0.03	226	1199	0.03	233
Tressot	R		France	0	0.00	1310	0	0.00	1389
Trevisana Nera	R		Italy	15	0.00	928	11	0.00	939
Tribidrag	R	Crjenak Kastelanski; Kratoshija; Kratošija; Primitivo; Zinfandel	Croatia	32755	0.71	30	33649	0.75	25
Trilla	W		Hungary	1	0.00	1225	1	0.00	1272
Trincadeira	R	Tinta Amarela; Tinta Amarella; Trincadeira Preta; Trincdeira	Portugal	9270	0.20	75	10510	0.23	66
Trincadeira das Pratas	W		Portugal	239	0.01	494	124	0.00	542
Trincadeiro Branco	W	Trincadeira Branca	Portugal	59	0.00	715	49	0.00	701
Triomphe	R	Triomphe d'Alsace	France	15	0.00	932	3	0.00	1145
Triplett Blanc	W		United States	244	0.01	489	412	0.01	382
Triunfo	R		Portugal	2	0.00	1182	2	0.00	1191
Trnjak	R		Croatia	15	0.00	930			
Trobart	R	Panse Negro	Spain	1	0.00	1234	3	0.00	1128

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Tronto	R		Italy	2	0.00	1192	1	0.00	1281
Trousseau	R	Bastarda; Bastardo; Bastardo Roxo; Bastardo Tinto; Maturana Tinta; Merenzao; Tinta; Tinta Lisboa; Verdejo Negro; Trousseau Gris; Trousseau Noir; Bastardo Do Castello	France	3450	0.07	139	1263	0.03	224
Tsimlyansky Cherny	R	Tsimlyansky Black	Russia	451	0.01	389	451	0.01	368
Tsitska	W		Georgia	3642	0.08	132	3642	0.08	132
Tsolikouri	W		Georgia	7903	0.17	86	7903	0.18	85
Tsulukidzis Tetra	W		Georgia	195	0.00	521	195	0.00	488
Tsvetochny	W	Tsvetochny (Floral); Tsvetochny (Flowery)	Russia	169	0.00	540	169	0.00	506
Turán	R	Agria; Turan	Hungary	177	0.00	533	183	0.00	495
Turchetta	R		Italy	3	0.00	1132	2	0.00	1160
Tyrian	R		Australia				38	0.00	733
Ucelut	W		Italy	10	0.00	998	10	0.00	970
UD 31103	R	UD-31.103	Italy				0	0.00	1486
Unirea	W		Romania	1	0.00	1283	1	0.00	1342
Úrréti	W	Urreti	Hungary	0	0.00	1355	0	0.00	1394
Usakhelouri	R		Georgia	10	0.00	989	10	0.00	958
Uva Cao	W		Portugal	1	0.00	1260	0	0.00	1382
Uva del Fantini	R		Italy	0	0.00	1346	0	0.00	1546
Uva del Tunde	R		Italy	2	0.00	1196	2	0.00	1225
Uva Longanesi	R		Italy	512	0.01	367	539	0.01	340
Uva Rara	R		Italy	460	0.01	387	197	0.00	485
Uva Tosca	R		Italy	71	0.00	682	29	0.00	786
Uvalino	R		Italy	1	0.00	1209	1	0.00	1246
Valais Noir	R		France						
Valbom	R		Portugal	166	0.00	543	162	0.00	513
Valdiguié	R	Napa Gamay; Valdiguié	France	272	0.01	467	126	0.00	537
Valenci Tinto	R		Spain	27	0.00	842	26	0.00	807
Valentino Nero	R		Italy	21	0.00	890	20	0.00	852
Valerien	W		France	24	0.00	860	23	0.00	839
Valiant	R		United States	11	0.00	980	11	0.00	949
Valveirinha	W	Valveirinho	Portugal	0	0.00	1316	0	0.00	1396
Valvin Muscat	W		United States	6	0.00	1058			
Vandal-Cliche	W		Canada				14	0.00	910
Varousset	R		France	5	0.00	1091	5	0.00	1082
Vasilaki	W		Turkey	4	0.00	1107	4	0.00	1093
VB 32-7	W	Sauvignon Soyhières (VB 32-7); Blattner Vb 32-7	Switzerland				3	0.00	1117
VB 91-26-25	R		Switzerland				1	0.00	1318
VB 91-26-26	R		Switzerland				0	0.00	1393
VB 91-26-27	R		Switzerland				0	0.00	1418
VB Cal 1-14	R		Switzerland				0	0.00	1509
VB Cal 1-29	R		Switzerland				0	0.00	1544
VB Cal 1-33	R		Switzerland				0	0.00	1543
VB Cal 6-04 N5	R		Switzerland				0	0.00	1377
VB Jura 25	R		Switzerland				0	0.00	1511
Vega	W		Italy	35	0.00	799	27	0.00	803
Ventura	W		Canada	24	0.00	862	10	0.00	960
Vénus	R	Venus	United States	1	0.00	1221	0	0.00	1422
Verdea	W		Italy	83	0.00	652	39	0.00	729
Verdeca	W	Lagorthi	Italy	796	0.02	304	913	0.02	262
Verdejo	W	Verdejo Blanco	Spain	16578	0.36	47	17931	0.40	43
Verdelet	W		France	1	0.00	1278	40	0.00	723
Verdelho	W		Portugal	2009	0.04	183	1516	0.03	208
Verdelho l'Anjou	W		France	0	0.00	1343	0	0.00	1462
Verdelho Tinto	R		Portugal	28	0.00	837	29	0.00	789
Verdello	W		Italy	287	0.01	457	179	0.00	498
Verdesse	W		France	10	0.00	993	3	0.00	1133
Verdial	W	Verdial Branco	Portugal	1	0.00	1288	0	0.00	1424
Verdial Tinto	R		Portugal	3	0.00	1151	3	0.00	1156
Verdicchio Bianco	W	Boschera; Peverella; Trebbiano di Soave; Verdicchio	Italy	3532	0.08	136	4682	0.10	118
Verdil	W		Spain	57	0.00	719	50	0.00	693
Verdiso	W	Pedevenda	Italy	68	0.00	692	52	0.00	684
Verdoncho	W		Spain	2124	0.05	179			
Verduschia	W		Italy	11	0.00	973	9	0.00	983
Verduzzo Friulano	W	Verduzzo	Italy	812	0.02	302	690	0.02	300
Verduzzo Trevigiano	W		Italy	708	0.02	320	531	0.01	344
Vermentino	W	Favorita; Favorita Diaz; Pigato; Vermentino B	Italy	8874	0.19	78	11483	0.26	62
Vermentino Nero	R	Vermintino Nero	Italy	210	0.00	510	124	0.00	541

Table 13 (cont.): Prime varieties' colour, synonyms, country of origin, and global area, share and rank, 2010 and 2016 (ha and %)

Prime variety	Col.	Synonyms	Country of origin	2010			2016		
				Area (hectares)	Share (%)	Rank	Area (hectares)	Share (%)	Rank
Vernaccia di Oristano	W	Vernaccia	Italy	272	0.01	468	246	0.01	449
Vernaccia di San Gimignano	W	Bervedino	Italy	522	0.01	361	884	0.02	270
Vertes Csillaga	W	Vértes Csillaga	Hungary	21	0.00	884	11	0.00	938
Vertzami	R	Lefkada	Greece	335	0.01	433	60	0.00	660
Veruccese	R		Italy	0	0.00	1306	0	0.00	1433
Vespaiola	W		Italy	94	0.00	628	90	0.00	595
Vespolina	R		Italy	134	0.00	577	88	0.00	602
Victoria	W	Viktorija	Russia	52	0.00	739	620	0.01	321
Vidadillo	R		Spain				38	0.00	734
Vidal	W	Vid al Blanc; Vidal 256; Vidal Blanc	France	1644	0.04	201	1936	0.04	178
Vidal Noir	R	Vidal Red	France						
Vidvizhenets	W		Russia	271	0.01	469	271	0.01	436
Vien de Nus	R		Italy	13	0.00	959	9	0.00	980
Vignoles	W		France	254	0.01	482	241	0.01	451
Vijariego	W	Diego; Vijiriego	Spain	285	0.01	459	369	0.01	389
Viktor	W		Hungary	0	0.00	1337			
Viktória Gyöngye	W	Viktoria Gyongye	Hungary	190	0.00	525	198	0.00	482
Vilana	W		Greece	579	0.01	350	650	0.01	311
Vilana (R)	W		Greece						
Villard Blanc	W	Seyve Villard 12375	France	654	0.01	333	743	0.02	288
Villard Noir	R		France	1273	0.03	234	777	0.02	284
Vincent	R		Canada	11	0.00	974	8	0.00	995
Vineland 53035	W	V 53	Canada				4	0.00	1098
Vineti	W		Spain						
Vinhao	R	Sousao; Souson; Souzao	Portugal	3160	0.07	142	4468	0.10	121
Viognier	W	Viognier	France	11785	0.26	60	16063	0.36	47
Violeta	R	BRS Violeta	Brazil	98	0.00	623	636	0.01	314
Viorika	W	Viorica	Moldova	347	0.01	426	558	0.01	338
Viosinho	W		Portugal	225	0.00	502	916	0.02	261
Vital	W		Portugal	1182	0.03	248	659	0.01	308
Vitovska	W	Vitouska	Italy	50	0.00	749	51	0.00	688
Vitovska Grganja	W		Slovenia				33	0.00	760
Voskeat	W	Voskehat	Armenia	809	0.02	303			
Vostorg	W		Russia				17	0.00	878
Vranac	R	Vranec	Montenegro	149	0.00	557	9503	0.21	75
Vugava	W		Croatia	36	0.00	796			
Vuillermin	R		Italy	4	0.00	1099	3	0.00	1138
Vulcanus	W		Hungary	5	0.00	1092	5	0.00	1056
Weldra	W		South Africa	14	0.00	949	2	0.00	1187
Würzer	W	Wurzer	Germany	70	0.00	685	54	0.00	678
Xara	R		Portugal	0	0.00	1373	0	0.00	1521
Xarelo	W	Xarello Blanco	Spain	8394	0.18	81	8534	0.19	80
Xinomavro	R	Xynomavro	Greece	1971	0.04	184	2135	0.05	172
Xinomavro (W)	R	Xinomavro (White)	Greece						
Xynisteri	W		Cyprus	2092	0.05	181	1946	0.04	177
Yalovenskii Ustoichivyi	W	Ialovenschi ustoicivii	Moldova				129	0.00	535
Yama Sauvignon	R		Japan				24	0.00	831
Yamabudo	R		Japan				35	0.00	747
Yamasachi	R		Japan				20	0.00	855
Yan 73	R		China				4800	0.11	114
Yaqui	R		Spain	2	0.00	1170	1	0.00	1286
Yubilei Zhuravlya	R	Iubilei Juravelea	Moldova				1	0.00	1259
Zalagyöngye	W	Perle von Zala; Zala Dende; Zala Gyöngye; Zala Gyoengye; Zalagyongye	Hungary	1948	0.04	186	1259	0.03	225
Zalema	W		Spain	4097	0.09	124	4015	0.09	128
Žametovka	R	Kavcina Crna; Zametovka	Slovenia	914	0.02	282	822	0.02	275
Zefír	W	Zefír	Hungary	49	0.00	753	15	0.00	904
Zelen	W		Slovenia				75	0.00	633
Zengő	W	Zengo	Hungary	264	0.01	474	226	0.01	463
Zenít	W	Zenith	Hungary	580	0.01	349	660	0.01	307
Zéta	W	Zeta	Hungary	118	0.00	588	118	0.00	557
Zeusz	W	Zeus	Hungary	28	0.00	841	27	0.00	798
Zghihară de Huși	W	Zghihara de Husi	Romania	87	0.00	641	54	0.00	677
Zierfandler	G	Cirfandler	Austria	117	0.00	590	105	0.00	574
Žilavka	W	Zilavka	Bosnia and Herzegovina				185	0.00	491
Žlahtina	W	Zlahtina	Croatia	135	0.00	576			
Zlatarica Vrgorska	W		Croatia	19	0.00	899			
Župljanka	W	Zupjanka; Zupljanka	Serbia	4	0.00	1101	505	0.01	350
Zweigelt	R	Zweigeltrebe Blau; Zweigelt, Blauer; Zweigeltrebe	Austria	10029	0.22	69	9068	0.20	76

Table 14: Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016 (ha and %)

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>France</b>						
Abondant	0	0.00	0	0.00	0	0.00
Abouriou	419	0.01	329	0.01	310	0.01
Admirable de Courtiller	0	0.00	28	0.00	27	0.00
Alicante Henri Bouschet	37157	0.80	38462	0.83	36031	0.80
Aligoté	35668	0.77	36120	0.78	26929	0.60
Alphonse Lavallée	15	0.00	862	0.02	634	0.01
Altesse	294	0.01	359	0.01	227	0.01
Aramon Bouschet	10	0.00	0	0.00	0	0.00
Aramon Noir	9157	0.20	2601	0.06	1181	0.03
Aramon Noir (W)	43	0.00	15	0.00	14	0.00
Aramont	1	0.00	0	0.00	0	0.00
Aranel	22	0.00	5	0.00	5	0.00
Arbane	1	0.00	2	0.00	1	0.00
Arinarnoa	150	0.00	189	0.00	486	0.01
Arriloba	59	0.00	55	0.00	54	0.00
Arrouya	0	0.00	0	0.00	0	0.00
Arrufiac	126	0.00	80	0.00	9	0.00
Aspiran Bouschet	433	0.01	2245	0.05	4088	0.09
Aubin Blanc	2	0.00	1	0.00	1	0.00
Aubun	1411	0.03	553	0.01	537	0.01
Aurore	299	0.01	268	0.01	255	0.01
Auxerrois	2302	0.05	2785	0.06	2853	0.06
Baco Blanc	2137	0.05	739	0.02	528	0.01
Baco Noir	397	0.01	475	0.01	735	0.02
Baleille	1	0.00	0	0.00	0	0.00
Barbaroux	79	0.00	30	0.00	29	0.00
Baroque	169	0.00	94	0.00	83	0.00
Beclan	0	0.00	0	0.00	0	0.00
Bellandais	2	0.00	0	0.00	0	0.00
Béquignol Noir	1083	0.02	891	0.02	616	0.01
Biancu Gentile	1	0.00	9	0.00	5	0.00
Blanc Dame	0	0.00	0	0.00	0	0.00
Blankeiro	1	0.00	0	0.00	0	0.00
Boiziau	1	0.00	0	0.00	0	0.00
Bouchales	108	0.00	95	0.00	93	0.00
Bouillet	2	0.00	1	0.00	1	0.00
Bourboulenc	772	0.02	585	0.01	501	0.01
Bousquet Precoce	16	0.00	6	0.00	0	0.00
Braquet Noir	8	0.00	12	0.00	12	0.00
Brun Argente	14	0.00	11	0.00	11	0.00
Burdin	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000 Hectares	2000 Share (%)	2010 Hectares	2010 Share (%)	2016 Hectares	2016 Share (%)
<b>France (continued)</b>						
Cabernet Franc	51974	1.13	61295	1.33	56052	1.25
Cabernet Malbec	34	0.00	0	0.00	0	0.00
Cabernet Sauvignon	223074	4.83	290083	6.28	310671	6.93
Caladoc	1427	0.03	3675	0.08	5258	0.12
Calitor Noir	85	0.00	26	0.00	26	0.00
Camaralet de Lasseube	691	0.01	520	0.01	306	0.01
Canari Noir	218	0.00	163	0.00	84	0.00
Carignan Bouschet	16	0.00	1	0.00	1	0.00
Carla	0	0.00	0	0.00	0	0.00
Carménère	5711	0.12	11366	0.25	22486	0.50
Cascade	0	0.00	0	0.00	22	0.00
Castel	0	0.00	2	0.00	3	0.00
Castets	0	0.00	0	0.00	0	0.00
Cep Rouge	0	0.00	0	0.00	0	0.00
Cesar	8	0.00	10	0.00	15	0.00
Chambourcin	257	0.01	1097	0.02	968	0.02
Chancellor	27	0.00	49	0.00	38	0.00
Chardonnay	145543	3.15	199743	4.33	201649	4.50
Chasan	914	0.02	749	0.02	549	0.01
Chatus	15	0.00	79	0.00	71	0.00
Chelois	0	0.00	1	0.00	2	0.00
Chenanson	636	0.01	466	0.01	452	0.01
Chenin Blanc	45761	0.99	35703	0.77	32221	0.72
Chenivesse	1	0.00	0	0.00	0	0.00
Cinsaut	48428	1.05	34751	0.75	22926	0.51
Cinsaut (G)	0	0.00	0	0.00	2	0.00
Cinsaut (W)	41	0.00	7	0.00	0	0.00
Clairette	4359	0.09	3057	0.07	2420	0.05
Clarin	11	0.00	6	0.00	6	0.00
Claverie	3	0.00	1	0.00	1	0.00
Codivarta	3	0.00	2	0.00	1	0.00
Colmar Precoce Noir	0	0.00	0	0.00	0	0.00
Colobel	3	0.00	9	0.00	8	0.00
Colombard	38632	0.84	32944	0.71	29996	0.67
Côt	26285	0.57	38158	0.83	52233	1.17
Couderc 13	0	0.00	0	0.00	474	0.01
Couderc Noir	614	0.01	3517	0.08	2136	0.05
Counoise	638	0.01	408	0.01	418	0.01
Courbu Blanc	47	0.00	43	0.00	32	0.00
Courbu Noir	2	0.00	1	0.00	1	0.00
Crouchén	2259	0.05	725	0.02	319	0.01
Danam	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>France (continued)</b>						
Danlas	0	0.00	255	0.01	203	0.00
Danuta	0	0.00	2	0.00	2	0.00
Dattier de St. Vallier	0	0.00	0	0.00	0	0.00
De Chaunac	186	0.00	91	0.00	102	0.00
Delhra	0	0.00	0	0.00	0	0.00
Douce Noire	18323	0.40	19630	0.43	19733	0.44
Duras	972	0.02	892	0.02	785	0.02
Durif	1197	0.03	3557	0.08	4807	0.11
Ederena	0	0.00	1	0.00	1	0.00
Egiodela	315	0.01	349	0.01	285	0.01
Ekigaina	5	0.00	4	0.00	3	0.00
Enfarine Noir	0	0.00	0	0.00	0	0.00
Etraire de l'Adui	8	0.00	5	0.00	5	0.00
Exalta	0	0.00	4	0.00	3	0.00
Excelsior	0	0.00	0	0.00	0	0.00
Fer	1626	0.04	1854	0.04	1686	0.04
Feunate	0	0.00	0	0.00	0	0.00
Florental	1	0.00	26	0.00	11	0.00
Folignan	0	0.00	51	0.00	51	0.00
Folle Blanche	2648	0.06	1803	0.04	1574	0.04
Fontan	0	0.00	0	0.00	0	0.00
Fuella Nera	4	0.00	20	0.00	20	0.00
Gaillard	0	0.00	0	0.00	0	0.00
Gamay Noir	37798	0.82	31927	0.69	26221	0.58
Gamay Teinturier de Bouze	318	0.01	278	0.01	255	0.01
Gamay Teinturier de Chaudenay	267	0.01	157	0.00	142	0.00
Gamay Teinturier Freaux	132	0.00	104	0.00	79	0.00
Ganson	28	0.00	3	0.00	3	0.00
Garonnet	7	0.00	14	0.00	10	0.00
Gascon	0	0.00	1	0.00	1	0.00
Goldriesling	10	0.00	21	0.00	24	0.00
Gouais Blanc	1	0.00	0	0.00	1	0.00
Gouget Noir	1	0.00	10	0.00	3	0.00
Graisse	22	0.00	14	0.00	1	0.00
Gramon	14	0.00	3	0.00	3	0.00
Grand Noir	949	0.02	955	0.02	707	0.02
Grassen	1	0.00	0	0.00	0	0.00
Gringet	74	0.00	25	0.00	15	0.00
Grolleau Noir	3006	0.07	2759	0.06	1949	0.04
Gros Manseng	2160	0.05	2960	0.06	3069	0.07
Guillemot	0	0.00	0	0.00	0	0.00
Hondarribi Zuri	0	0.00	0	0.00	624	0.01
Isa	0	0.00	9	0.00	5	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010	2016			
	Share Hectares	Share Hectares	Share Hectares			
	(%)	(%)	(%)			
<b>France (continued)</b>						
Jacquere	1086	0.02	1014	0.02	621	0.01
Jaoumet	0	0.00	0	0.00	0	0.00
Joannes Seyve	3	0.00	1	0.00	1	0.00
Joubertin	2	0.00	1	0.00	0	0.00
Jurançon Blanc	24	0.00	7	0.00	2	0.00
Jurançon Noir	1294	0.03	663	0.01	605	0.01
Jurie	0	0.00	0	0.00	0	0.00
Knipperlé	2	0.00	0	0.00	0	0.00
Lacoste	1	0.00	0	0.00	0	0.00
Landal	16	0.00	43	0.00	37	0.00
Landot Noir	0	0.00	3	0.00	3	0.00
Lauzet	1	0.00	3	0.00	3	0.00
Len de l'El	734	0.02	629	0.01	603	0.01
Léon Millot	17	0.00	102	0.00	85	0.00
Liliorila	3	0.00	4	0.00	1	0.00
Lival	0	0.00	101	0.00	99	0.00
Lucie Kuhlmann	0	0.00	0	0.00	21	0.00
Madeleine Royale	0	0.00	0	0.00	0	0.00
Madeleines	0	0.00	7	0.00	7	0.00
Malegue	1	0.00	0	0.00	0	0.00
Malingre Precoce	3	0.00	0	0.00	0	0.00
Maliverne	0	0.00	0	0.00	0	0.00
Manseng Noir	10	0.00	32	0.00	29	0.00
Maréchal Foch	173	0.00	356	0.01	229	0.01
Marsanne	1512	0.03	1763	0.04	1838	0.04
Marselan	176	0.00	2731	0.06	3941	0.09
Mauzac Blanc	3310	0.07	1933	0.04	1526	0.03
Mauzac Noir	10	0.00	0	0.00	0	0.00
Mecle de Bourgoin	2	0.00	0	0.00	0	0.00
Melon	13253	0.29	12306	0.27	9551	0.21
Menu Pineau	380	0.01	205	0.00	197	0.00
Merille	131	0.00	44	0.00	42	0.00
Merlot	213368	4.62	267888	5.80	266440	5.94
Merlot Blanc	176	0.00	46	0.00	44	0.00
Meslier Saint-Francois	55	0.00	15	0.00	13	0.00
Milgronet	2	0.00	1	0.00	1	0.00
Mireille	0	0.00	0	0.00	0	0.00
Molette	30	0.00	29	0.00	18	0.00
Mollard	23	0.00	23	0.00	23	0.00
Monbadon	657	0.01	498	0.01	0	0.00
Mondeuse Blanche	22	0.00	6	0.00	7	0.00
Mondeuse Noire	1404	0.03	303	0.01	287	0.01

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010	2016
	Share Hectares (%)	Share Hectares (%)	Share Hectares (%)
<b>France (continued)</b>			
Monerac	2 0.00	3 0.00	3 0.00
Montils	131 0.00	164 0.00	165 0.00
Mornen Noir	1 0.00	0 0.00	0 0.00
Morrastel Bouschet	1 0.00	0 0.00	4 0.00
Mourvaison	9 0.00	3 0.00	3 0.00
Mouyssagues	0 0.00	0 0.00	0 0.00
Muscadelle	2207 0.05	1637 0.04	1509 0.03
Muscardin	19 0.00	17 0.00	17 0.00
Muscat Fleur d'Oranger	36 0.00	91 0.00	299 0.01
Muscat Ottonel	12259 0.27	10340 0.22	12464 0.28
Négrette	1319 0.03	1202 0.03	1112 0.02
Noir Fleurien	0 0.00	0 0.00	0 0.00
Noual	1 0.00	0 0.00	0 0.00
Oberlin	0 0.00	64 0.00	26 0.00
Oberlin White	1 0.00	0 0.00	0 0.00
Odola	1 0.00	0 0.00	0 0.00
Oeillade Bousche	10 0.00	1 0.00	1 0.00
Oeillade Noire	0 0.00	18 0.00	18 0.00
Olivette Blanche	0 0.00	2 0.00	2 0.00
Olivette Noire	0 0.00	16 0.00	16 0.00
Ondenc	12 0.00	8 0.00	1 0.00
Ora	0 0.00	38 0.00	32 0.00
Pascal Blanc	0 0.00	0 0.00	0 0.00
Peloursin	0 0.00	0 0.00	0 0.00
Perdea	13 0.00	2 0.00	2 0.00
Perlaut	0 0.00	1 0.00	1 0.00
Persan	3 0.00	12 0.00	12 0.00
Petit Bouschet	1 0.00	15 0.00	120 0.00
Petit Courbu	75 0.00	102 0.00	1 0.00
Petit Manseng	613 0.01	1109 0.02	1299 0.03
Petit Meslier	3 0.00	4 0.00	3 0.00
Petit Verdot	1640 0.04	7195 0.16	8124 0.18
Picardan	0 0.00	1 0.00	1 0.00
Pineau d'Aunis	430 0.01	437 0.01	413 0.01
Pinot Blanc	16983 0.37	14812 0.32	13779 0.31
Pinot Gris	18893 0.41	43773 0.95	48570 1.08
Pinot Meunier	13131 0.28	13566 0.29	14695 0.33
Pinot Noir	68810 1.49	98623 2.14	105480 2.35
Pinot Noir Précoce	85 0.00	273 0.01	251 0.01
Piquepoul Blanc	975 0.02	1492 0.03	1565 0.03
Piquepoul Bousch	0 0.00	0 0.00	0 0.00
Piquepoul Gris	9 0.00	2 0.00	2 0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>France (continued)</b>						
Piquepoul Noir	103	0.00	70	0.00	69	0.00
Plant Droit	40	0.00	19	0.00	19	0.00
Plantet	209	0.00	1060	0.02	420	0.01
Portan	368	0.01	264	0.01	256	0.01
Pougnet	0	0.00	0	0.00	0	0.00
Poulsard	295	0.01	307	0.01	90	0.00
Poulsard Blanc	14	0.00	0	0.00	0	0.00
Prima	0	0.00	84	0.00	81	0.00
Provareau	2	0.00	0	0.00	0	0.00
Prunelard	2	0.00	20	0.00	19	0.00
Raffiat de Moncade	16	0.00	7	0.00	6	0.00
Raisaine	1	0.00	0	0.00	0	0.00
Ravat	1	0.00	1	0.00	1	0.00
Ravat Blanc	2	0.00	7	0.00	6	0.00
Rayon d'Or	1	0.00	6	0.00	6	0.00
Ribol	0	0.00	147	0.00	141	0.00
Romorantin	81	0.00	72	0.00	69	0.00
Rose du Var	129	0.00	56	0.00	54	0.00
Roublot	0	0.00	0	0.00	0	0.00
Rougeon	36	0.00	42	0.00	21	0.00
Roussanne	874	0.02	1851	0.04	2137	0.05
Roussette d'Ayze	3	0.00	1	0.00	1	0.00
Rubilande	3	0.00	8	0.00	7	0.00
Sacy	63	0.00	10	0.00	8	0.00
Saint Macaire	1	0.00	0	0.00	6	0.00
Saint-Pierre Dore	1	0.00	0	0.00	0	0.00
Salvador	572	0.01	394	0.01	351	0.01
Sauvignon Blanc	65190	1.41	111552	2.42	124700	2.78
Sauvignon Blanc (G)	76	0.00	698	0.02	1076	0.02
Sauvignonasse	5452	0.12	4563	0.10	3861	0.09
Savagnin Blanc	441	0.01	1950	0.04	2267	0.05
Savagnin Rose	883	0.02	884	0.02	48	0.00
Segalin	54	0.00	65	0.00	61	0.00
Seibel	1991	0.04	592	0.01	482	0.01
Seibel White	15	0.00	0	0.00	0	0.00
Seinoir	15	0.00	87	0.00	50	0.00
Select	8	0.00	7	0.00	7	0.00
Semebat	2	0.00	2	0.00	1	0.00
Sémillon	26239	0.57	22157	0.48	18693	0.42
Servanin	0	0.00	0	0.00	0	0.00
Servant	530	0.01	183	0.00	138	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>France (continued)</b>						
Seyval Blanc	389	0.01	569	0.01	2699	0.06
Seyve Villard 23-512	0	0.00	29	0.00	0	0.00
Sicilien	0	0.00	5	0.00	5	0.00
Sulima	0	0.00	0	0.00	0	0.00
Syrah	102490	2.22	185117	4.01	181185	4.04
Tannat	5595	0.12	5765	0.12	5611	0.13
Teinturier	1	0.00	7	0.00	9	0.00
Teoulier Noir	1	0.00	0	0.00	0	0.00
Terras 20	13	0.00	0	0.00	0	0.00
Terret	2703	0.06	1390	0.03	872	0.02
Terret Gris	262	0.01	78	0.00	76	0.00
Terret Noir	370	0.01	143	0.00	139	0.00
Tibouren	457	0.01	443	0.01	432	0.01
Tressot	0	0.00	0	0.00	0	0.00
Triomphe	0	0.00	15	0.00	3	0.00
Trousseau	2223	0.05	3450	0.07	1263	0.03
Valais Noir	4	0.00	0	0.00	0	0.00
Valdiguié	79	0.00	272	0.01	126	0.00
Valerien	2	0.00	24	0.00	23	0.00
Varousset	12	0.00	5	0.00	5	0.00
Verdelet	0	0.00	1	0.00	40	0.00
Verdelho l'Anjou	0	0.00	0	0.00	0	0.00
Verdesse	8	0.00	10	0.00	3	0.00
Vidal	611	0.01	1644	0.04	1936	0.04
Vidal Noir	0	0.00	0	0.00	0	0.00
Vignoles	68	0.00	254	0.01	241	0.01
Villard Blanc	746	0.02	654	0.01	743	0.02
Villard Noir	601	0.01	1273	0.03	777	0.02
Viognier	3160	0.07	11785	0.26	16063	0.36
<b>Total (280 varieties)</b>	<b>1361768</b>	<b>29.46</b>	<b>1723075</b>	<b>37.29</b>	<b>1746654</b>	<b>38.92</b>
<b>Spain</b>						
Airén	387978	8.41	252364	5.47	203801	4.55
Alcañon	54	0.00	60	0.00	27	0.00
Aledo	0	0.00	7	0.00	2	0.00
Beba	4762	0.10	3036	0.07	2556	0.06
Bobal	100128	2.17	80120	1.74	59189	1.32
Brocada	2	0.00	0	0.00	0	0.00
Calagran	8229	0.18	4794	0.10	0	0.00
Callet	151	0.00	154	0.00	138	0.00
Canela	0	0.00	1	0.00	3	0.00
Canorroyo	157	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>Spain (continued)</b>						
Cartouche	31	0.00	0	0.00	0	0.00
Castellana Blanca	0	0.00	0	0.00	1	0.00
Castonotal	0	0.00	0	0.00	0	0.00
Cayetana Blanca	55776	1.21	39781	0.86	36401	0.81
Chelva	10877	0.24	6168	0.13	5029	0.11
Cinsaut Seedless	9	0.00	13	0.00	0	0.00
Coloraillo	614	0.01	374	0.01	109	0.00
Corropio	0	0.00	1	0.00	1	0.00
De Cilindro	15	0.00	0	0.00	0	0.00
Decuerno	4	0.00	0	0.00	0	0.00
Dominga	0	0.00	1	0.00	0	0.00
Ensanyo Tintas	0	0.00	27	0.00	0	0.00
Ensayo Blancas	0	0.00	1	0.00	0	0.00
Ferral	48	0.00	30	0.00	31	0.00
Fino de Ribera del Fresno	332	0.01	45	0.00	8	0.00
Fintendo	144	0.00	118	0.00	185	0.00
Fogoneu	36	0.00	35	0.00	15	0.00
Forcallat Tinta	2690	0.06	1163	0.03	535	0.01
Garnacha Blanca	10821	0.23	7398	0.16	7409	0.17
Garnacha Peluda	2024	0.04	1206	0.03	898	0.02
Garnacha Roja (Gris)	2761	0.06	2366	0.05	1462	0.03
Garnacha Tinta	216349	4.69	181553	3.93	150096	3.35
Garrido Fino	174	0.00	59	0.00	54	0.00
Gateta	7	0.00	2	0.00	0	0.00
Gibi	1227	0.03	1074	0.02	785	0.02
Godello	1489	0.03	1332	0.03	1406	0.03
Gorgollasa	0	0.00	0	0.00	5	0.00
Graciano	1960	0.04	3123	0.07	2910	0.06
Grand Manchen	0	0.00	8	0.00	0	0.00
Gualarido	0	0.00	0	0.00	18	0.00
Hondarribi Beltza	11	0.00	53	0.00	15	0.00
Huerta del Rey	35	0.00	2	0.00	0	0.00
Imperial Napoleon	0	0.00	12	0.00	0	0.00
Jeroma	0	0.00	0	0.00	0	0.00
Juan García	2077	0.04	1707	0.04	1545	0.03
Lado	1	0.00	1	0.00	2	0.00
Lairen	298	0.01	214	0.00	351	0.01
Listain de Huelva	596	0.01	350	0.01	466	0.01
Listan Negro	3291	0.07	2666	0.06	2847	0.06
Listan Prieto	16232	0.35	4659	0.10	10267	0.23
Luisa Blanca	0	0.00	0	0.00	80	0.00
Macabeo	48128	1.04	40864	0.89	38625	0.86
Malvasia di Sardegna Rosada	0	0.00	3	0.00	3	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010		2016		
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>Spain (continued)</b>						
Mandon	261	0.01	0	0.00	1	0.00
Manto Negro	470	0.01	273	0.01	311	0.01
Marfal	0	0.00	0	0.00	1	0.00
Marmajuelo	37	0.00	24	0.00	20	0.00
Maturana Blanca	0	0.00	18	0.00	13	0.00
Mazuelo	127692	2.77	75716	1.64	47312	1.06
Mazuelo (G)	25	0.00	0	0.00	0	0.00
Mazuelo (W)	1035	0.02	3016	0.07	355	0.01
Mencía	13138	0.28	10658	0.23	11052	0.25
Merseguera	7460	0.16	3946	0.09	2373	0.05
Miguel del Arco	1267	0.03	468	0.01	0	0.00
Monastrell	76304	1.65	69742	1.51	51930	1.16
Monstruosa	2	0.00	1	0.00	0	0.00
Moravia Agria	1092	0.02	550	0.01	222	0.00
Morenillo	39	0.00	0	0.00	0	0.00
Moristel	0	0.00	147	0.00	247	0.01
Naparo	0	0.00	1	0.00	0	0.00
Negramoll	3557	0.08	3193	0.07	3011	0.07
Ohanes	0	0.00	1	0.00	0	0.00
Ondarrabi Zuri	189	0.00	492	0.01	0	0.00
Palomino Fino	30513	0.66	22693	0.49	23190	0.52
Palot	4	0.00	0	0.00	0	0.00
Panse Valenciano	649	0.01	1	0.00	0	0.00
Pardillo	7272	0.16	4364	0.09	3283	0.07
Parellada	11188	0.24	8847	0.19	7137	0.16
Parraleta	167	0.00	348	0.01	212	0.00
Pedro Ximénez	17272	0.37	9235	0.20	8810	0.20
Perlita	1	0.00	1	0.00	0	0.00
Perruno	2831	0.06	1509	0.03	745	0.02
Picapoll Blanco	34	0.00	37	0.00	40	0.00
Planta Mula	1	0.00	24	0.00	11	0.00
Planta Nova	2029	0.04	1395	0.03	888	0.02
Prensal	114	0.00	105	0.00	129	0.00
Prieto Picudo	3256	0.07	4587	0.10	4293	0.10
Quiebratinajas Tinto	6	0.00	5	0.00	9	0.00
Rojal Tinta	2845	0.06	1801	0.04	736	0.02
Rome	2	0.00	297	0.01	172	0.00
Royal de Alloza	0	0.00	29	0.00	6	0.00
Sumoll	1401	0.03	83	0.00	16	0.00
Tempranillo	93370	2.02	232988	5.05	219379	4.89
Tempranillo (W)	0	0.00	5	0.00	110	0.00
Teneron	3488	0.08	3488	0.08	0	0.00
Tinta Castañal	0	0.00	0	0.00	3	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Spain (continued)</b>						
Tinto de Zafra	4	0.00	2	0.00	0	0.00
Tinto Jeroma	1	0.00	0	0.00	0	0.00
Tinto Velasco	7998	0.17	7829	0.17	5369	0.12
Tortosina	930	0.02	503	0.01	325	0.01
Trepat	1763	0.04	1358	0.03	1199	0.03
Trobat	83	0.00	1	0.00	3	0.00
Valenci Tinto	5	0.00	27	0.00	26	0.00
Valensi du Maroc	0	0.00	15	0.00	15	0.00
Verdejo	4453	0.10	16578	0.36	17931	0.40
Verdil	131	0.00	57	0.00	50	0.00
Verdoncho	3092	0.07	2124	0.05	0	0.00
Vidadillo	0	0.00	0	0.00	38	0.00
Vijariego	510	0.01	285	0.01	369	0.01
Vineti	0	0.00	0	0.00	0	0.00
Xarello	10299	0.22	8394	0.18	8534	0.19
Yaqui	22	0.00	2	0.00	1	0.00
Zalema	5969	0.13	4097	0.09	4015	0.09
<b>Total (117 varieties)</b>	<b>1323786</b>	<b>28.68</b>	<b>1138305</b>	<b>24.66</b>	<b>951163</b>	<b>21.22</b>
<b>Italy</b>						
Abbuoto	696	0.02	37	0.00	18	0.00
Abrusco	399	0.01	423	0.01	215	0.00
Aglianico	9346	0.20	9995	0.22	9734	0.22
Aglianicone	148	0.00	62	0.00	30	0.00
Albana	2487	0.05	1523	0.03	782	0.02
Albanello	117	0.00	18	0.00	2	0.00
Albaranzeuli Bianco	72	0.00	7	0.00	2	0.00
Albaranzeuli Nero	40	0.00	49	0.00	28	0.00
Albarola	4090	0.09	197	0.00	95	0.00
Albarossa	5	0.00	80	0.00	70	0.00
Aleatico	458	0.01	346	0.01	165	0.00
Alionza	41	0.00	11	0.00	9	0.00
Ancellotta	4405	0.10	4681	0.10	2739	0.06
Arneis	738	0.02	1122	0.02	1179	0.03
Arvesiniadu	147	0.00	30	0.00	13	0.00
Avana	53	0.00	28	0.00	18	0.00
Avarengo	1453	0.03	987	0.02	153	0.00
Baratuciat	0	0.00	2	0.00	2	0.00
Barbarossa	16	0.00	0	0.00	0	0.00
Barbera	33041	0.72	24366	0.53	17824	0.40
Barbera Bianca	251	0.01	181	0.00	114	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	<i>Hectares</i>	<i>Share</i>	<i>Hectares</i>	<i>Share</i>	<i>Hectares</i>	<i>Share</i>
		(%)		(%)		(%)
<b>Italy (continued)</b>						
Barbera Sarda	326	0.01	84	0.00	70	0.00
Bariadorgia	0	0.00	0	0.00	0	0.00
Barsaglina	20	0.00	17	0.00	9	0.00
Bellone	1315	0.03	511	0.01	184	0.00
Biancame	1330	0.03	2599	0.06	1336	0.03
Bianchetta Trevigiana	53	0.00	13	0.00	12	0.00
Bianco d'Alessano	941	0.02	419	0.01	39	0.00
Biancolella	385	0.01	164	0.00	23	0.00
Biancone di Portoferraio	67	0.00	78	0.00	34	0.00
Bombino Bianco	2903	0.06	1239	0.03	1147	0.03
Bombino Nero	1156	0.03	1201	0.03	865	0.02
Bonamico	336	0.01	233	0.01	149	0.00
Bonarda Grande	538	0.01	0	0.00	0	0.00
Bonarda Piemontese	23	0.00	6	0.00	5926	0.13
Bonda	3	0.00	7	0.00	7	0.00
Bosco	88	0.00	82	0.00	50	0.00
Bracciola Nera	89	0.00	26	0.00	4	0.00
Brachetto del Piemonte	1534	0.03	1460	0.03	1694	0.04
Bric	21	0.00	2	0.00	1	0.00
Bussanello	8	0.00	12	0.00	3	0.00
Caddiu	978	0.02	309	0.01	83	0.00
Caloria	129	0.00	108	0.00	45	0.00
Canaiolo Nero	2418	0.05	1068	0.02	1033	0.02
Capolongo	0	0.00	5	0.00	0	0.00
Carbernet Volos	0	0.00	0	0.00	0	0.00
Carica l'Asino	299	0.01	17	0.00	5	0.00
Carricante	252	0.01	205	0.00	35	0.00
Casavecchia	0	0.00	136	0.00	92	0.00
Casetta	0	0.00	12	0.00	14	0.00
Castiglione	83	0.00	18	0.00	4	0.00
Catalanesca	0	0.00	54	0.00	7	0.00
Catanese Nero	76	0.00	15	0.00	7	0.00
Catarratto Bianco	50711	1.10	34863	0.76	28613	0.64
Cavrara	0	0.00	23	0.00	1	0.00
Cellerina	0	0.00	2	0.00	2	0.00
Centesimino	0	0.00	24	0.00	25	0.00
Cesanese	1024	0.02	679	0.01	446	0.01
Cianorie	0	0.00	2	0.00	1	0.00
Ciliegiolo	2527	0.05	1830	0.04	897	0.02
Cividin	0	0.00	4	0.00	4	0.00
Cococcia	887	0.02	983	0.02	1671	0.04
Coda di Volpe Bianca	980	0.02	586	0.01	77	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Italy (continued)</b>						
Colombana Nera	126	0.00	38	0.00	16	0.00
Corbina Vicentina	0	0.00	12	0.00	12	0.00
Cordenossa	0	0.00	5	0.00	2	0.00
Cornalin	93	0.00	256	0.01	147	0.00
Cornarea	22	0.00	13	0.00	8	0.00
Cornichon Blanc	0	0.00	0	0.00	1	0.00
Cortese	3113	0.07	2953	0.06	2405	0.05
Corvina Veronese	4800	0.10	7496	0.16	6240	0.14
Corvinone	88	0.00	930	0.02	1140	0.03
Cove	56	0.00	6	0.00	6	0.00
Crovassa	2	0.00	0	0.00	0	0.00
Damaschino	3187	0.07	2171	0.05	1622	0.04
Dindarella	9	0.00	7	0.00	5	0.00
Dolcetto	7197	0.16	6333	0.14	4545	0.10
Dolciamè	6	0.00	11	0.00	6	0.00
Doux d'Henry	26	0.00	9	0.00	6	0.00
Drupeggio	617	0.01	286	0.01	81	0.00
DU 31120	0	0.00	0	0.00	0	0.00
Durella	599	0.01	470	0.01	480	0.01
Enantio	1062	0.02	724	0.02	178	0.00
Erbaluce	329	0.01	319	0.01	316	0.01
Erbamat	0	0.00	24	0.00	2	0.00
Ervi	5	0.00	4	0.00	3	0.00
Falanghina	1658	0.04	3037	0.07	323	0.01
Falanghina Flegrea	0	0.00	0	0.00	3634	0.08
Famoso	0	0.00	6	0.00	6	0.00
Fenile	0	0.00	5	0.00	1	0.00
Fertilia	13	0.00	3	0.00	2	0.00
Fiano	758	0.02	1377	0.03	2187	0.05
Flavis	12	0.00	3	0.00	3	0.00
Fleurtai	0	0.00	0	0.00	0	0.00
Fogarina	0	0.00	5	0.00	3	0.00
Foglia Tonda	40	0.00	101	0.00	68	0.00
Forastera	543	0.01	208	0.00	8	0.00
Forgiarin	2	0.00	4	0.00	3	0.00
Forsellina	9	0.00	7	0.00	7	0.00
Fortana	1252	0.03	642	0.01	469	0.01
Francavidda	86	0.00	13	0.00	2	0.00
Frappato	784	0.02	752	0.02	580	0.01
Freisa	1450	0.03	1054	0.02	519	0.01
Fubiano	2	0.00	9	0.00	2	0.00
Fumin	73	0.00	31	0.00	25	0.00
Gaglioppo	3592	0.08	4214	0.09	4626	0.10

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010	2016
	Share Hectares	Share Hectares	Share Hectares
	(%)	(%)	(%)
<b>Italy (continued)</b>			
Gamba Rossa	0	0.00	1
Garganega	16553	0.36	15397
Ginestra	0	0.00	4
Giro Nero	537	0.01	200
Goldtraminer	0	0.00	9
Gosen	0	0.00	1
Grapariol	0	0.00	2
Grechetto di Orvieto	1177	0.03	1501
Grechetto Rosso	111	0.00	49
Greco	1325	0.03	158
Greco Bianco	660	0.01	1604
Greco Nero	3229	0.07	1256
Grignolino	1353	0.03	915
Grillo	1803	0.04	6295
Groppello di Mocasina	120	0.00	81
Groppello di Revo	0	0.00	12
Groppello Gentile	219	0.00	326
Guardavalle	168	0.00	33
Ignea	0	0.00	1
Impigno	60	0.00	7
Incrocio Bianco Fedit 51	11	0.00	5
Incrocio Bruni 54	12	0.00	12
Incrocio Manzoni 2.15	166	0.00	86
Incrocio Terzi 1	65	0.00	44
Invernenga	32	0.00	7
Inzolia	9259	0.20	6133
Italia	1076	0.02	1463
Italica	178	0.00	367
Lacrima Christi	0	0.00	85
Lacrima di Morro d'Alba	652	0.01	421
Lagarino Bianco	0	0.00	23
Lagrein	471	0.01	718
Lambrusca di Alessandria	888	0.02	137
Lambrusco	42	0.00	45
Lambrusco Barghi	0	0.00	18
Lambrusco di Sorbara	1409	0.03	1606
Lambrusco Grasparossa	1720	0.04	2734
Lambrusco Maestri	1513	0.03	2312
Lambrusco Marani	2280	0.05	1394
Lambrusco Montericco	262	0.01	70
Lambrusco Oliva	0	0.00	112
Lambrusco Salamino	4147	0.09	5003
Lambrusco Viadanese	277	0.01	240

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Italy (continued)</b>						
Lecinaro	0	0.00	1	0.00	0	0.00
Lumassina	111	0.00	98	0.00	37	0.00
Maceratino	122	0.00	177	0.00	39	0.00
Magliasina	0	0.00	0	0.00	0	0.00
Magliocco Canino	579	0.01	539	0.01	679	0.02
Magliocco Dolce	243	0.01	87	0.00	51	0.00
Maiolica	70	0.00	26	0.00	13	0.00
Maiolina	0	0.00	1	0.00	0	0.00
Malbo Gentile	106	0.00	211	0.00	219	0.00
Malvasia Bianca di Basilicata	875	0.02	210	0.00	32	0.00
Malvasia Bianca di Candia	12889	0.28	9351	0.20	9685	0.22
Malvasia Bianca Lunga	3937	0.09	2544	0.06	1247	0.03
Malvasia del Lazio	2366	0.05	590	0.01	680	0.02
Malvasia di Candia Aromatica	1754	0.04	927	0.02	1208	0.03
Malvasia di Casorzo	98	0.00	107	0.00	99	0.00
Malvasia di Lipari	516	0.01	310	0.01	113	0.00
Malvasia di Schierano	181	0.00	89	0.00	82	0.00
Malvasia Moscata	0	0.00	554	0.01	0	0.00
Malvasia Nera di Basilicata	754	0.02	114	0.00	39	0.00
Malvasia Nera di Brindisi	3174	0.07	1314	0.03	1264	0.03
Malvasia Nera Lunga	0	0.00	38	0.00	14	0.00
Mammolo	777	0.02	841	0.02	911	0.02
Manzoni Bianco	8290	0.18	382	0.01	339	0.01
Manzoni Moscato	0	0.00	20	0.00	19	0.00
Manzoni Rosa	0	0.00	29	0.00	23	0.00
Marzemina Bianca	78	0.00	54	0.00	55	0.00
Marzemino	994	0.02	1091	0.02	785	0.02
Mayolet	4	0.00	7	0.00	6	0.00
Mazzese	80	0.00	76	0.00	57	0.00
Melara	13	0.00	3	0.00	1	0.00
Merlese	0	0.00	14	0.00	8	0.00
Merlot Khorus	0	0.00	0	0.00	0	0.00
Michele Palieri	24	0.00	1	0.00	1	0.00
Minella Bianca	73	0.00	65	0.00	19	0.00
Molinara	1637	0.04	717	0.02	609	0.01
Monica Nera	2835	0.06	1404	0.03	1203	0.03
Montepulciano	28728	0.62	34956	0.76	32935	0.73
Montonico Bianco	656	0.01	734	0.02	567	0.01
Montu	1091	0.02	0	0.00	0	0.00
Moradella	0	0.00	6	0.00	1	0.00
Morone	22	0.00	13	0.00	7	0.00
Moscatello Selvatico	105	0.00	35	0.00	5	0.00
Moscato di Scanzo	73	0.00	53	0.00	10	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010	2016
	Share Hectares	Share (%)	Share Hectares
<b>Italy (continued)</b>			
Moscato di Terracina	229	0.00	138
Moscato Giallo	542	0.01	1467
Moscato Rosa del Trentino	93	0.00	81
Mostosa	95	0.00	24
Nascetta	0	0.00	21
Nasco	166	0.00	141
Nebbiera	20	0.00	12
Nebbiolo	5264	0.11	6125
Negretto	280	0.01	75
Negroamaro	16619	0.36	11492
Ner d'Ala	8	0.00	30
Nerello Cappuccio	1501	0.03	508
Nerello Mascalese	4167	0.09	2883
Neretta Cuneese	374	0.01	132
Neretto di Bairo	53	0.00	34
Nero Buono di Cori	114	0.00	135
Nero di Troia	1765	0.04	2572
Neyret	76	0.00	41
Nieddera	58	0.00	107
Nigra	7	0.00	3
Nocera	27	0.00	15
Nosiola	191	0.00	79
Notardomenico	13	0.00	10
Nuragus	3186	0.07	1345
Orpicchio	0	0.00	1
Ortrugo	485	0.01	611
Oseleta	0	0.00	15
Pallagrello Bianco	0	0.00	55
Pallagrello Nero	0	0.00	169
Pampanaro	0	0.00	5
Pampanuto	277	0.01	356
Paolina	0	0.00	1
Pascale	1573	0.03	375
Passau	12	0.00	5
Passerina	715	0.02	894
Pavana	69	0.00	32
Pecorello	16	0.00	34
Pecorino	166	0.00	1228
Pelaverga	28	0.00	55
Pelaverga Piccolo	24	0.00	6
Pepella	0	0.00	3
Perera	25	0.00	4
Perla dei Vivi	0	0.00	1

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>Italy (continued)</b>						
Perricone	580	0.01	228	0.00	80	0.00
Petit Rouge	100	0.00	84	0.00	68	0.00
Piccola Nera	17	0.00	17	0.00	6	0.00
Picolit	93	0.00	128	0.00	121	0.00
Piculit Neri	126	0.00	22	0.00	8	0.00
Piedirosso	896	0.02	699	0.02	593	0.01
Pignola Valtellinese	70	0.00	49	0.00	28	0.00
Pignoletto	6009	0.13	1707	0.04	1174	0.03
Pignolo	18	0.00	93	0.00	50	0.00
Pinella	66	0.00	72	0.00	128	0.00
Plassa	41	0.00	91	0.00	86	0.00
Pollera Nera	19	0.00	54	0.00	32	0.00
Prie	36	0.00	33	0.00	24	0.00
Primetta	17	0.00	24	0.00	14	0.00
Prodest	2	0.00	0	0.00	0	0.00
Prosecco	7507	0.16	18437	0.40	20109	0.45
Prosecco Lungo	0	0.00	1367	0.03	1450	0.03
Prunesta	92	0.00	36	0.00	31	0.00
Pugnitello	0	0.00	28	0.00	15	0.00
Quagliano	8	0.00	9	0.00	9	0.00
Raboso Piave	1334	0.03	776	0.02	665	0.01
Raboso Veronese	307	0.01	277	0.01	295	0.01
Rebo	37	0.00	125	0.00	92	0.00
Recantina	0	0.00	9	0.00	4	0.00
Refosco	0	0.00	0	0.00	1341	0.03
Refosco dal Peduncolo Rosso	711	0.02	1082	0.02	1272	0.03
Refosco di Faedis	256	0.01	217	0.00	185	0.00
Retagliado Bianco	26	0.00	28	0.00	11	0.00
Ribolla Gialla	1406	0.03	1178	0.03	959	0.02
Ripolo	0	0.00	1	0.00	1	0.00
Rollo	117	0.00	51	0.00	15	0.00
Rondinella	2797	0.06	2480	0.05	2684	0.06
Rosciola	0	0.00	2	0.00	1	0.00
Rossara Trentina	29	0.00	8	0.00	6	0.00
Rossese	232	0.01	312	0.01	164	0.00
Rossese Bianco	0	0.00	7	0.00	5	0.00
Rossignola	295	0.01	188	0.00	49	0.00
Rossola Nera	102	0.00	86	0.00	29	0.00
Roussin	3	0.00	3	0.00	2	0.00
Roviello Bianco	0	0.00	2	0.00	1	0.00
Ruche	46	0.00	100	0.00	100	0.00
Ruggine	0	0.00	1	0.00	1	0.00
Sagrantino	351	0.01	995	0.02	1026	0.02

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Italy (continued)</b>						
San Giuseppe Nero	348	0.01	192	0.00	82	0.00
San Lunardo	22	0.00	10	0.00	4	0.00
San Martino	44	0.00	21	0.00	6	0.00
San Michele	120	0.00	57	0.00	37	0.00
Sanforte	0	0.00	1	0.00	0	0.00
Sangiovese	68877	1.49	78030	1.69	73464	1.64
Santa Maria	15	0.00	3	0.00	2	0.00
Schiava	1231	0.03	517	0.01	236	0.01
Schiava Gentile	1158	0.03	694	0.02	165	0.00
Schiava Grigia	79	0.00	66	0.00	4	0.00
Schiava Grossa	3789	0.08	3011	0.07	2256	0.05
Schiava Lombarda	0	0.00	0	0.00	701	0.02
Schioppettino	93	0.00	154	0.00	87	0.00
Sciaglin	4	0.00	6	0.00	3	0.00
Sciascinoso	253	0.01	94	0.00	59	0.00
Scimiscia	0	0.00	5	0.00	2	0.00
Semidano	48	0.00	36	0.00	34	0.00
Sennen	0	0.00	10	0.00	2	0.00
Sgavetta	61	0.00	47	0.00	26	0.00
Sirio	23	0.00	14	0.00	5	0.00
Soperga	32	0.00	22	0.00	17	0.00
Soreli	0	0.00	0	0.00	0	0.00
Spergola	0	0.00	110	0.00	115	0.00
Susumaniello	62	0.00	50	0.00	8	0.00
Tazzelenghe	68	0.00	55	0.00	45	0.00
Termarina Rossa	0	0.00	20	0.00	2	0.00
Teroldego	682	0.01	839	0.02	772	0.02
Terrano	1461	0.03	1914	0.04	209	0.00
Timorasso	19	0.00	129	0.00	123	0.00
Tintilia del Molise	0	0.00	111	0.00	66	0.00
Torbato	168	0.00	52	0.00	46	0.00
Trebbianina	0	0.00	128	0.00	30	0.00
Trebbiano d'Abruzzo	8435	0.18	5091	0.11	2630	0.06
Trebbiano Giallo	3984	0.09	10664	0.23	2275	0.05
Trebbiano Modenese	583	0.01	363	0.01	287	0.01
Trebbiano Romagnolo	19492	0.42	15893	0.34	19059	0.43
Trebbiano Spoletino	242	0.01	200	0.00	121	0.00
Trebbiano Toscano	137201	2.97	111290	2.41	120343	2.68
Trevisana Nera	33	0.00	15	0.00	11	0.00
Tronto	0	0.00	2	0.00	1	0.00
Turchetta	0	0.00	3	0.00	2	0.00
Ucelut	10	0.00	10	0.00	10	0.00
UD 31103	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Italy (continued)</b>						
Uva del Fantini	0	0.00	0	0.00	0	0.00
Uva del Tunde	0	0.00	2	0.00	2	0.00
Uva Longanesi	0	0.00	512	0.01	539	0.01
Uva Rara	570	0.01	460	0.01	197	0.00
Uva Tosca	84	0.00	71	0.00	29	0.00
Uvalino	0	0.00	1	0.00	1	0.00
Valentino Nero	56	0.00	21	0.00	20	0.00
Vega	27	0.00	35	0.00	27	0.00
Verdea	107	0.00	83	0.00	39	0.00
Verdeca	2208	0.05	796	0.02	913	0.02
Verdello	662	0.01	287	0.01	179	0.00
Verdicchio Bianco	5043	0.11	3532	0.08	4682	0.10
Verdiso	71	0.00	68	0.00	52	0.00
Verduschia	15	0.00	11	0.00	9	0.00
Verduzzo Friulano	1598	0.03	812	0.02	690	0.02
Verduzzo Trevigiano	1657	0.04	708	0.02	531	0.01
Vermentino	5838	0.13	8874	0.19	11483	0.26
Vermentino Nero	143	0.00	210	0.00	124	0.00
Vernaccia di Oristano	565	0.01	272	0.01	246	0.01
Vernaccia di San Gimignano	854	0.02	522	0.01	884	0.02
Veruccese	0	0.00	0	0.00	0	0.00
Vespaiola	105	0.00	94	0.00	90	0.00
Vespolina	103	0.00	134	0.00	88	0.00
Vien de Nus	25	0.00	13	0.00	9	0.00
Vitovska	42	0.00	50	0.00	51	0.00
Vuillermoin	0	0.00	4	0.00	3	0.00
<b>Total (347 varieties)</b>	<b>616536</b>	<b>13.36</b>	<b>545383</b>	<b>11.82</b>	<b>516172</b>	<b>11.51</b>
<b>Portugal</b>						
Agronomica	19	0.00	327	0.01	299	0.01
Agua Santa	0	0.00	78	0.00	76	0.00
Alfrocheiro	523	0.01	1188	0.03	1216	0.03
Almafre	0	0.00	0	0.00	0	0.00
Alminhaca	0	0.00	1	0.00	1	0.00
Alvar Branco	0	0.00	0	0.00	0	0.00
Alvar Roxo	0	0.00	2	0.00	2	0.00
Alvarelhão	5272	0.11	5701	0.12	2910	0.06
Alvarelhao Ceitao	0	0.00	0	0.00	0	0.00
Alvarinho	0	0.00	0	0.00	5545	0.12
Amaral	582	0.01	92	0.00	93	0.00
Antao Vaz	376	0.01	1252	0.03	1768	0.04
Arinto de Bucelas	3966	0.09	4482	0.10	5409	0.12

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Portugal (continued)</b>						
Arjuncao	0	0.00	1	0.00	1	0.00
Assaraky	0	0.00	1	0.00	0	0.00
Avesso	636	0.01	685	0.01	699	0.02
Azal	3302	0.07	1072	0.02	1443	0.03
Babosa de Madere	0	0.00	2	0.00	2	0.00
Baga	6730	0.15	4108	0.09	6750	0.15
Barcelo	34	0.00	23	0.00	26	0.00
Barreto de Semente	0	0.00	3	0.00	3	0.00
Bastardo Branco	0	0.00	15	0.00	14	0.00
Batoca	80	0.00	11	0.00	8	0.00
Bical	912	0.02	924	0.02	1076	0.02
Boal Barreiro	0	0.00	1	0.00	0	0.00
Boal Vencedor	0	0.00	2	0.00	2	0.00
Borraçal	2654	0.06	683	0.01	512	0.01
Branco Especial	0	0.00	3	0.00	3	0.00
Branco Sr. Joao	0	0.00	0	0.00	0	0.00
Branco Valente	0	0.00	0	0.00	0	0.00
Brandam	0	0.00	312	0.01	291	0.01
Cabinda	0	0.00	362	0.01	355	0.01
Cabral	0	0.00	2	0.00	2	0.00
Caíño Blanco	69	0.00	128	0.00	77	0.00
Calrao	0	0.00	1	0.00	1	0.00
Campanario	0	0.00	2	0.00	2	0.00
Caracol	14	0.00	33	0.00	33	0.00
Caramela	0	0.00	0	0.00	0	0.00
Carrega Branco	0	0.00	507	0.01	512	0.01
Carrega Tinto	0	0.00	17	0.00	17	0.00
Casculho	0	0.00	267	0.01	269	0.01
Castalia	0	0.00	0	0.00	0	0.00
Castela	0	0.00	8	0.00	7	0.00
Castelão	14424	0.31	11088	0.24	12580	0.28
Castelão Branco	0	0.00	37	0.00	18	0.00
Castelino	0	0.00	147	0.00	144	0.00
Castelo Branco	0	0.00	5	0.00	2	0.00
Cerceal Branco	597	0.01	379	0.01	261	0.01
Chasselas Sabor	0	0.00	0	0.00	0	0.00
Cidreiro	0	0.00	0	0.00	0	0.00
Codega de Larinho	4058	0.09	629	0.01	455	0.01
Complexa	6	0.00	103	0.00	103	0.00
Concieira	0	0.00	52	0.00	53	0.00
Coracao de Galo	0	0.00	1	0.00	1	0.00
Cornifesto	259	0.01	499	0.01	509	0.01
Deliciosa	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010	2016			
	Share Hectares	Share Hectares	Share Hectares			
	(%)	(%)	(%)			
<b>Portugal (continued)</b>						
Diagalves	1088	0.02	1156	0.03	1090	0.02
Docal	0	0.00	0	0.00	0	0.00
Dona Branca	296	0.01	276	0.01	204	0.00
Dona Joaquina	0	0.00	24	0.00	11	0.00
Donzelinho Branco	59	0.00	65	0.00	64	0.00
Donzelinho Roxo	0	0.00	0	0.00	0	0.00
Donzelinho Tinto	0	0.00	33	0.00	34	0.00
Dorinto	0	0.00	115	0.00	70	0.00
Encruzado	291	0.01	282	0.01	132	0.00
Esganacao Preto	0	0.00	0	0.00	0	0.00
Esganinho	0	0.00	0	0.00	0	0.00
Espadeiro	1682	0.04	469	0.01	357	0.01
Espadeiro Mole	0	0.00	0	0.00	0	0.00
Estreito Macio	0	0.00	3	0.00	1	0.00
Farinheira	0	0.00	3	0.00	3	0.00
Fepiro	0	0.00	0	0.00	0	0.00
Fernão Pires	14545	0.32	9609	0.21	12211	0.27
Folgasao	409	0.01	182	0.00	162	0.00
Folgasao Roxo	0	0.00	18	0.00	18	0.00
Folha de Figueira	0	0.00	3	0.00	2	0.00
Fonte Cal	355	0.01	111	0.00	52	0.00
Galego Dourado	51	0.00	16	0.00	7	0.00
Generosa	9	0.00	107	0.00	328	0.01
Goncalo Pires	0	0.00	1	0.00	1	0.00
Gouveio Preto	0	0.00	0	0.00	0	0.00
Gouveio Real	0	0.00	582	0.01	581	0.01
Grangeal	0	0.00	1	0.00	1	0.00
Granho	0	0.00	0	0.00	0	0.00
Grossa	0	0.00	73	0.00	54	0.00
Jampal	127	0.00	71	0.00	34	0.00
Labrusco	0	0.00	81	0.00	79	0.00
Lameiro	0	0.00	0	0.00	0	0.00
Lariao	0	0.00	4	0.00	5	0.00
Leira	0	0.00	1	0.00	0	0.00
Listrao Roxo	10	0.00	0	0.00	0	0.00
Loureiro	4392	0.10	4054	0.09	4696	0.10
Lourela	0	0.00	0	0.00	0	0.00
Lusitano	0	0.00	0	0.00	0	0.00
Luzidio	0	0.00	0	0.00	0	0.00
Madeleine Sylvaner	0	0.00	7	0.00	6	0.00
Malvarisco	0	0.00	3	0.00	3	0.00
Malvasia Branca de Sao Jorge	55	0.00	110	0.00	110	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Portugal (continued)</b>						
Malvasia Fina	7102	0.15	3501	0.08	3282	0.07
Malvasia Fina Roxa	0	0.00	25	0.00	24	0.00
Malvasia Parda	0	0.00	1	0.00	1	0.00
Malvasia Preta	2210	0.05	1903	0.04	1933	0.04
Malvasia Romana	0	0.00	0	0.00	0	0.00
Malvasia Trigueira	0	0.00	12	0.00	12	0.00
Malvia	0	0.00	0	0.00	0	0.00
Manteudo Preto	0	0.00	16	0.00	11	0.00
Marquinhas	0	0.00	11	0.00	5	0.00
Marufo	6339	0.14	6579	0.14	4683	0.10
Melhorio	0	0.00	0	0.00	0	0.00
Mindelo	0	0.00	1	0.00	1	0.00
Mondet	0	0.00	0	0.00	0	0.00
Monvedro	14	0.00	6	0.00	4	0.00
Moscadet	0	0.00	4	0.00	3	0.00
Moscargo	0	0.00	0	0.00	0	0.00
Moscatel Lilaz	0	0.00	0	0.00	0	0.00
Moscato Nazareno	0	0.00	68	0.00	40	0.00
Mourisco de Semente	0	0.00	60	0.00	61	0.00
Mourisco de Trevoes	0	0.00	2	0.00	2	0.00
Naia	0	0.00	0	0.00	0	0.00
Nevoeira	0	0.00	0	0.00	0	0.00
Padeiro	0	0.00	86	0.00	88	0.00
Parreira Matias	0	0.00	1	0.00	1	0.00
Patorra	0	0.00	10	0.00	10	0.00
Pe Comprido	0	0.00	1	0.00	1	0.00
Pedral	179	0.00	151	0.00	80	0.00
Perigo	0	0.00	4	0.00	4	0.00
Perola	68	0.00	0	0.00	0	0.00
Pexem	0	0.00	3	0.00	2	0.00
Pintosa	0	0.00	2	0.00	2	0.00
Praca	0	0.00	166	0.00	169	0.00
Preto Cardana	0	0.00	5	0.00	5	0.00
Preto Martinho	428	0.01	163	0.00	163	0.00
Primavera	0	0.00	40	0.00	39	0.00
Promissao	0	0.00	6	0.00	3	0.00
Rabigato	1133	0.02	1273	0.03	1969	0.04
Rabigato Moreno	0	0.00	1	0.00	1	0.00
Rabo de Anho	0	0.00	99	0.00	86	0.00
Rabo de Lobo	0	0.00	3	0.00	3	0.00
Rabo de Ovelha	2330	0.05	908	0.02	563	0.01
Ramisco	72	0.00	34	0.00	33	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Portugal (continued)</b>						
Rio Grande	4	0.00	1	0.00	0	0.00
Roxo de Vila Flor	0	0.00	0	0.00	0	0.00
Roxo Rei	0	0.00	0	0.00	0	0.00
Rual	0	0.00	1	0.00	1	0.00
Rufete	3397	0.07	4833	0.10	1859	0.04
Samarrinho	0	0.00	1	0.00	1	0.00
Santarena	0	0.00	739	0.02	724	0.02
Santoal	0	0.00	9	0.00	4	0.00
Sao Mamede	0	0.00	1	0.00	1	0.00
Seara Nova	1213	0.03	681	0.01	471	0.01
Sercial	306	0.01	106	0.00	85	0.00
Sercialinho	0	0.00	9	0.00	4	0.00
Sevilhao	0	0.00	14	0.00	14	0.00
Síria	2791	0.06	7898	0.17	7037	0.16
Tamarez	585	0.01	343	0.01	298	0.01
Terrantez	27	0.00	12	0.00	11	0.00
Terrantez do Pico	0	0.00	0	0.00	0	0.00
Tinta Aguiar	0	0.00	75	0.00	77	0.00
Tinta Barroca	6052	0.13	6172	0.13	4926	0.11
Tinta Bragao	0	0.00	63	0.00	64	0.00
Tinta Carvalha	1920	0.04	1311	0.03	1113	0.02
Tinta da Barca	0	0.00	345	0.01	352	0.01
Tinta da Melra	0	0.00	1	0.00	1	0.00
Tinta de Alcoa	0	0.00	24	0.00	24	0.00
Tinta de Cidadelhe	0	0.00	1	0.00	1	0.00
Tinta de Pegoes	0	0.00	195	0.00	191	0.00
Tinta de Porto Santo	0	0.00	2	0.00	2	0.00
Tinta do Rodo	0	0.00	3	0.00	3	0.00
Tinta Engomada	0	0.00	4	0.00	4	0.00
Tinta Francisca	0	0.00	53	0.00	55	0.00
Tinta Malandra	0	0.00	0	0.00	0	0.00
Tinta Martins	0	0.00	11	0.00	10	0.00
Tinta Mesquita	0	0.00	1	0.00	1	0.00
Tinta Penajoia	0	0.00	53	0.00	53	0.00
Tinta Pereira	0	0.00	1	0.00	1	0.00
Tinta Pomar	0	0.00	30	0.00	30	0.00
Tinta Roseira	0	0.00	4	0.00	4	0.00
Tinta Valdosa	0	0.00	1	0.00	1	0.00
Tinta Varejoa	0	0.00	1	0.00	1	0.00
Tintem	0	0.00	9	0.00	9	0.00
Tinto Cão	556	0.01	369	0.01	372	0.01
Tinto do Aurelio	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Portugal (continued)</b>						
Touriga Branca	0	0.00	36	0.00	34	0.00
Touriga Femea	0	0.00	15	0.00	15	0.00
Touriga Franca	6674	0.14	11590	0.25	14224	0.32
Touriga Nacional	4263	0.09	10446	0.23	11722	0.26
Trajadura	2416	0.05	2169	0.05	2492	0.06
Trincadeira	7265	0.16	9270	0.20	10510	0.23
Trincadeira das Pratas	216	0.00	239	0.01	124	0.00
Trincadeiro Branco	0	0.00	59	0.00	49	0.00
Triunfo	0	0.00	2	0.00	2	0.00
Uva Cao	33	0.00	1	0.00	0	0.00
Valbom	0	0.00	166	0.00	162	0.00
Valveirinha	0	0.00	0	0.00	0	0.00
Verdelho	1643	0.04	2009	0.04	1516	0.03
Verdelho Tinto	1	0.00	28	0.00	29	0.00
Verdial	0	0.00	1	0.00	0	0.00
Verdial Tinto	0	0.00	3	0.00	3	0.00
Vinhao	5937	0.13	3160	0.07	4468	0.10
Viosinho	17	0.00	225	0.00	916	0.02
Vital	2246	0.05	1182	0.03	659	0.01
Xara	0	0.00	0	0.00	0	0.00
<b>Total (202 varieties)</b>	<b>135318</b>	<b>2.93</b>	<b>131816</b>	<b>2.86</b>	<b>141887</b>	<b>3.16</b>
<b>Greece</b>						
Agiorgitiko	2320	0.05	2905	0.06	3272	0.07
Asirtiko Red	22	0.00	5	0.00	5	0.00
Asprouda	433	0.01	113	0.00	120	0.00
Assyrtiko	1106	0.02	902	0.02	1770	0.04
Athiri	1350	0.03	748	0.02	577	0.01
Batili	27	0.00	0	0.00	0	0.00
Bately	38	0.00	54	0.00	1	0.00
Debina	455	0.01	239	0.01	14	0.00
Fokiano	162	0.00	262	0.01	212	0.00
Fokiano (W)	57	0.00	0	0.00	0	0.00
Goustolidi	112	0.00	68	0.00	19	0.00
Kakotrygis	0	0.00	103	0.00	28	0.00
Korinthiaki	834	0.02	54	0.00	106	0.00
Kotsifali	1148	0.02	2330	0.05	1338	0.03
Krassato	38	0.00	52	0.00	5	0.00
Liatiko	2476	0.05	1211	0.03	2633	0.06
Liatiko (W)	70	0.00	0	0.00	0	0.00
Limnio	95	0.00	372	0.01	176	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Greece (continued)</b>						
Limnio (W)	27	0.00	0	0.00	0	0.00
Malagousia	23	0.00	182	0.00	126	0.00
Malvasia	61	0.00	45	0.00	2184	0.05
Mandilaria	845	0.02	885	0.02	932	0.02
Mavro Messenikola	3	0.00	0	0.00	0	0.00
Mavrodafni	537	0.01	345	0.01	324	0.01
Mavroura	349	0.01	520	0.01	1658	0.04
Monemvassia	418	0.01	481	0.01	81	0.00
Moschofilero	718	0.02	1111	0.02	1088	0.02
Moschomavro	2295	0.05	1428	0.03	113	0.00
Muscat	0	0.00	0	0.00	744	0.02
Muscat Blanc à Petits Grains	29979	0.65	31259	0.68	33739	0.75
Muscat Blanc à Petits Grains (G)	10442	0.23	8761	0.19	8258	0.18
Muscat Blanc à Petits Grains (R)	1154	0.03	1459	0.03	1438	0.03
Muscat of Alexandria	29590	0.64	27648	0.60	34805	0.78
Muscat of Alexandria (R)	11	0.00	6	0.00	3	0.00
Negoska	96	0.00	143	0.00	17	0.00
Robola	359	0.01	471	0.01	152	0.00
Roditis	299	0.01	4668	0.10	8463	0.19
Roditis (R)	6945	0.15	3826	0.08	828	0.02
Romeiko	382	0.01	1597	0.03	1131	0.03
Savatiano	12747	0.28	9920	0.21	10268	0.23
Stavroto	104	0.00	11	0.00	0	0.00
Thrapsathiri	0	0.00	31	0.00	27	0.00
Vertzami	491	0.01	335	0.01	60	0.00
Vilana	506	0.01	579	0.01	650	0.01
Vilana (R)	60	0.00	0	0.00	0	0.00
Xinomavro	1816	0.04	1971	0.04	2135	0.05
Xinomavro (W)	3	0.00	0	0.00	0	0.00
<b>Total (47 varieties)</b>	<b>111004</b>	<b>2.40</b>	<b>107100</b>	<b>2.32</b>	<b>119501</b>	<b>2.67</b>
<b>Germany</b>						
Accent	0	0.00	0	0.00	1	0.00
Acolon	0	0.00	490	0.01	477	0.01
Albalonga	57	0.00	15	0.00	12	0.00
Arnsburger	3	0.00	30	0.00	29	0.00
Bacchus	3374	0.07	2113	0.05	1759	0.04
Baron	0	0.00	0	0.00	1	0.00
Breidecker	28	0.00	7	0.00	0	0.00
Bronner	0	0.00	9	0.00	6	0.00
Bukettraube	280	0.01	71	0.00	54	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000	2010	2016
	Share Hectares	Share Hectares	Share Hectares
	(%)	(%)	(%)
<b>Germany (continued)</b>			
Cabernet Cantor	0	0.00	0
Cabernet Carbon	0	0.00	0
Cabernet Carol	0	0.00	0
Cabernet Cortis	0	0.00	0
Cabernet Cubin	0	0.00	60
Cabernet Dorio	0	0.00	36
Cabernet Dorsa	43	0.00	252
Cabernet Mitos	0	0.00	322
Cabertin	0	0.00	0
Dakapo	0	0.00	51
Dalkauer	100	0.00	0
Deckrot	30	0.00	2
Domina	187	0.00	407
Dornfelder	3766	0.08	8182
Dunkelfelder	280	0.01	356
Ehrenbreitsteiner	13	0.00	10
Ehrenfelser	289	0.01	113
Elbling	1208	0.03	935
Elbling (R)	4	0.00	9
Faberrebe	1586	0.03	554
Fontanara	2	0.00	0
Freisamer	17	0.00	8
Gänsfüsser	0	0.00	0
Geilweilerhof Ga- 48- 12	0	0.00	0
Geisenheim 318-57	0	0.00	106
Gewürztraminer	10670	0.23	14355
Gutenborner	0	0.00	2
Hegel	10	0.00	9
Helfensteiner	26	0.00	19
Helios	0	0.00	0
Heroldrebe	199	0.00	134
Hibernal	0	0.00	0
Hölder	13	0.00	5
Huxelrebe	1289	0.03	630
Johanniter	0	0.00	86
Juwel	42	0.00	22
Kanzler	53	0.00	33
Kerner	7129	0.15	4093
Kolor	0	0.00	2
Madeleine × Angevine 7672	0	0.00	52
Mariensteiner	9	0.00	0
Merpling	5	0.00	0

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000 Hectares	2000 Share (%)	2010 Hectares	2010 Share (%)	2016 Hectares	2016 Share (%)
<b>Germany (continued)</b>						
Monarch	0	0.00	0	0.00	10	0.00
Morio-Muskat	1188	0.03	526	0.01	440	0.01
Müller-Thurgau	33587	0.73	22917	0.50	19501	0.43
Muscaris	0	0.00	0	0.00	4	0.00
Nobling	102	0.00	1	0.00	52	0.00
Optima	239	0.01	65	0.00	38	0.00
Oraniensteiner	0	0.00	3	0.00	2	0.00
Orion	8	0.00	13	0.00	1	0.00
Ortega	1054	0.02	667	0.01	532	0.01
Osteiner	3	0.00	1	0.00	1	0.00
Palas	0	0.00	0	0.00	7	0.00
Perle	121	0.00	34	0.00	18	0.00
Phoenix	24	0.00	67	0.00	46	0.00
Pinotin	0	0.00	0	0.00	0	0.00
Piroso	0	0.00	0	0.00	4	0.00
Prinzipal	0	0.00	0	0.00	2	0.00
Prior	0	0.00	0	0.00	14	0.00
Räuschling	23	0.00	23	0.00	23	0.00
Reberger	0	0.00	0	0.00	2	0.00
Regent	340	0.01	2187	0.05	1974	0.04
Regner	150	0.00	46	0.00	21	0.00
Reichensteiner	319	0.01	247	0.01	120	0.00
Rieslaner	70	0.00	84	0.00	73	0.00
Riesling	43316	0.94	50014	1.08	59805	1.33
Rondo	0	0.00	40	0.00	51	0.00
Rotberger	26	0.00	17	0.00	11	0.00
Saphira	0	0.00	0	0.00	8	0.00
Scheurebe	3655	0.08	2039	0.04	1626	0.04
Schönburger	39	0.00	68	0.00	35	0.00
Septimer	0	0.00	0	0.00	1	0.00
Siegerrebe	167	0.00	131	0.00	102	0.00
Siegfriedrebe	0	0.00	0	0.00	2	0.00
Silcher	7	0.00	0	0.00	1	0.00
Sirius	2	0.00	0	0.00	0	0.00
Solaris	0	0.00	81	0.00	118	0.00
Souvignier Gris	0	0.00	0	0.00	3	0.00
Staufer	4	0.00	0	0.00	0	0.00
Tauberschwarz	8	0.00	11	0.00	16	0.00
Würzer	108	0.00	70	0.00	54	0.00
<b>Total (90 varieties)</b>	<b>115274</b>	<b>2.50</b>	<b>112929</b>	<b>2.45</b>	<b>114391</b>	<b>2.55</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>Argentina</b>						
Caberinta	85	0.00	69	0.00	38	0.00
Canelon	8	0.00	8	0.00	0	0.00
Cereza	31113	0.67	29934	0.65	28887	0.64
Criolla Grande	24264	0.53	20745	0.45	15596	0.35
Criolla Mediana	1	0.00	3	0.00	7	0.00
Gargiulo 14260	1	0.00	1	0.00	0	0.00
Gargiulo 2539	69	0.00	49	0.00	29	0.00
Gargiulo 26189	6	0.00	0	0.00	0	0.00
Gargiulo 26879	4	0.00	3	0.00	0	0.00
Gargiulo 4113	7	0.00	6	0.00	3	0.00
Gargiulo 45803	4	0.00	8	0.00	10	0.00
Patagonia	29	0.00	40	0.00	0	0.00
Pedro Giménez	14862	0.32	13502	0.29	15576	0.35
Rieslina	219	0.00	174	0.00	103	0.00
Saint Jeannet	68	0.00	56	0.00	43	0.00
Serna	19	0.00	36	0.00	0	0.00
Torrontes Mendocino	780	0.02	661	0.01	653	0.01
Torrontés Riojano	8197	0.18	8937	0.19	8859	0.20
Torrontés Sanjuanino	3170	0.07	2531	0.05	3656	0.08
<b>Total (19 varieties)</b>	<b>82907</b>	<b>1.80</b>	<b>76763</b>	<b>1.66</b>	<b>73460</b>	<b>1.64</b>
<b>Georgia</b>						
Aladasturi	46	0.00	59	0.00	59	0.00
Aleksandrouli	219	0.00	281	0.01	281	0.01
Chinuri	955	0.02	1225	0.03	1225	0.03
Chkhaveri	20	0.00	26	0.00	26	0.00
Dodrelabi	0	0.00	0	0.00	0	0.00
Goruli Mtsvane	224	0.00	287	0.01	287	0.01
Khikhvi	5	0.00	6	0.00	6	0.00
Kisi	20	0.00	26	0.00	26	0.00
Krakhuna	36	0.00	46	0.00	46	0.00
Mtsvane Kakhuri	249	0.01	319	0.01	319	0.01
Ojaleshi	25	0.00	32	0.00	32	0.00
Otskhanuri Sapere	5	0.00	6	0.00	6	0.00
Rkatsiteli	67354	1.46	58641	1.27	51374	1.15
Saperavi	6707	0.15	8126	0.18	6478	0.14
Tavkveri	29	0.00	37	0.00	37	0.00
Tsitska	2839	0.06	3642	0.08	3642	0.08
Tsolikouri	6161	0.13	7903	0.17	7903	0.18
Tsulukidzis Tetra	152	0.00	195	0.00	195	0.00
Usakhelouri	8	0.00	10	0.00	10	0.00
<b>Total (19 varieties)</b>	<b>85054</b>	<b>1.84</b>	<b>80868</b>	<b>1.75</b>	<b>71954</b>	<b>1.61</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Croatia</b>						
Babić	1189	0.03	359	0.01	0	0.00
Babica	0	0.00	18	0.00	0	0.00
Bogdanuša	0	0.00	48	0.00	0	0.00
Cetinka	0	0.00	35	0.00	0	0.00
Croatina	3116	0.07	5700	0.12	2695	0.06
Debit	0	0.00	403	0.01	0	0.00
Dišeća Ranina	0	0.00	2	0.00	0	0.00
Gegić	0	0.00	11	0.00	0	0.00
Graševina	92306	2.00	61200	1.33	24384	0.54
Hrvatica	245	0.01	116	0.00	53	0.00
Kraljevina	0	0.00	447	0.01	199	0.00
Kujundžuša	0	0.00	206	0.00	0	0.00
Lasina	0	0.00	14	0.00	0	0.00
Malvazija Istarska	7559	0.16	2740	0.06	2788	0.06
Nincusa	0	0.00	17	0.00	0	0.00
Plavac Mali	6539	0.14	1569	0.03	1714	0.04
Plavec Žuti	0	0.00	13	0.00	82	0.00
Plavina	0	0.00	643	0.01	683	0.02
Pošip Bijeli	6539	0.14	253	0.01	0	0.00
Škrlet	0	0.00	61	0.00	0	0.00
Suscan	0	0.00	5	0.00	0	0.00
Trbljan	0	0.00	231	0.01	0	0.00
Tribidrag	26922	0.58	32755	0.71	33649	0.75
Trnjak	0	0.00	15	0.00	0	0.00
Vugava	0	0.00	36	0.00	0	0.00
Žlahtina	0	0.00	135	0.00	0	0.00
Zlatarica Vrgorska	0	0.00	19	0.00	0	0.00
<b>Total (27 varieties)</b>	<b>144414</b>	<b>3.13</b>	<b>107048</b>	<b>2.32</b>	<b>66247</b>	<b>1.48</b>
<b>Austria</b>						
Augster Blau	0	0.00	0	0.00	0	0.00
Blauburger	1002	0.02	1339	0.03	1223	0.03
Blauer Portugieser	9156	0.20	8027	0.17	6590	0.15
Blauer Wildbacher	472	0.01	368	0.01	437	0.01
Blaufränkisch	13997	0.30	17890	0.39	17180	0.38
Früroter Veltliner	632	0.01	856	0.02	388	0.01
Goldburger	309	0.01	140	0.00	98	0.00
Grüner Veltliner	23604	0.51	18834	0.41	19118	0.43
Jubiläumsrebe	30	0.00	14	0.00	7	0.00
Laska	1	0.00	0	0.00	0	0.00
Neuburger	1434	0.03	1030	0.02	578	0.01

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000 Hectares	2000 Share (%)	2010 Hectares	2010 Share (%)	2016 Hectares	2016 Share (%)
<b>Austria (continued)</b>						
Rathay	0	0.00	9	0.00	32	0.00
Rösler	0	0.00	160	0.00	217	0.00
Roter Veltliner	258	0.01	199	0.00	198	0.00
Rotgipfler	118	0.00	105	0.00	123	0.00
Sankt Laurent	2555	0.06	3664	0.08	3272	0.07
Silvaner	11047	0.24	7395	0.16	6072	0.14
Silvaner (R)	2	0.00	38	0.00	25	0.00
Zierfandler	98	0.00	117	0.00	105	0.00
Zweigelt	7267	0.16	10029	0.22	9068	0.20
<b>Total (20 varieties)</b>	<b>71983</b>	<b>1.56</b>	<b>70215</b>	<b>1.52</b>	<b>64732</b>	<b>1.44</b>
<b>United States</b>						
Adalmiina	0	0.00	0	0.00	5	0.00
Adirondac	0	0.00	0	0.00	24	0.00
Aromella	0	0.00	0	0.00	3	0.00
Bailey	0	0.00	34	0.00	49	0.00
Black Prince	0	0.00	0	0.00	1	0.00
Blanc du Bois	0	0.00	28	0.00	81	0.00
Blush Seedless	10	0.00	0	0.00	0	0.00
Bokay	0	0.00	0	0.00	4	0.00
Brianna	0	0.00	12	0.00	21	0.00
Buffalo	0	0.00	0	0.00	0	0.00
Cabernet Diane	0	0.00	0	0.00	0	0.00
Cabernet Dore	0	0.00	1	0.00	1	0.00
California	357	0.01	326	0.01	0	0.00
Calmeria	0	0.00	0	0.00	0	0.00
Campbell Early	43	0.00	61	0.00	238	0.01
Canada Muscat	49	0.00	0	0.00	120	0.00
Canadice	0	0.00	0	0.00	0	0.00
Canner Seedless	0	0.00	0	0.00	0	0.00
Cardinal	3870	0.08	536	0.01	1660	0.04
Carmine	10	0.00	0	0.00	0	0.00
Carnelian	625	0.01	316	0.01	123	0.00
Catawba	635	0.01	633	0.01	626	0.01
Cayuga White	108	0.00	212	0.00	217	0.00
Centennial Seedless	2	0.00	0	0.00	1	0.00
Centurian	134	0.00	34	0.00	33	0.00
Champanel	0	0.00	0	0.00	1	0.00
Chardonel	0	0.00	144	0.00	90	0.00
Clinton	0	0.00	0	0.00	0	0.00
Concord	11816	0.26	12238	0.27	10544	0.24

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>USA (continued)</b>						
Corot Noir	0	0.00	27	0.00	11	0.00
Crimson Cabernet	0	0.00	1	0.00	1	0.00
Crimson Seedless	1	0.00	8	0.00	8	0.00
David Macgregor 8521-1	0	0.00	0	0.00	2	0.00
Dawn Seedless	19	0.00	0	0.00	0	0.00
Delaware	234	0.01	227	0.00	421	0.01
Delisle	0	0.00	0	0.00	0	0.00
Diamond Muscat	0	0.00	0	0.00	2	0.00
Edelweiss	0	0.00	32	0.00	16	0.00
Einset Seedless	0	0.00	0	0.00	0	0.00
Elmer Swenson 10- 18- 30	0	0.00	0	0.00	0	0.00
Elvira	344	0.01	263	0.01	231	0.01
Emerald Riesling	937	0.02	508	0.01	177	0.00
Emerald seedless	16	0.00	0	0.00	0	0.00
Eona	0	0.00	0	0.00	2	0.00
ES 10-18-14	0	0.00	0	0.00	0	0.00
Espirit	0	0.00	0	0.00	2	0.00
Fiesta	161	0.00	230	0.00	230	0.01
Flame Seedless	548	0.01	55	0.00	55	0.00
Flora	6	0.00	8	0.00	12	0.00
Fredonia	86	0.00	37	0.00	28	0.00
Frontenac	0	0.00	135	0.00	212	0.00
Frontenac (G)	0	0.00	59	0.00	92	0.00
Frontenac (W)	0	0.00	0	0.00	26	0.00
Goethe	0	0.00	0	0.00	20	0.00
Golden Muscat	1190	0.03	1191	0.03	50	0.00
GR 7	0	0.00	32	0.00	13	0.00
Herbemont	1453	0.03	764	0.02	112	0.00
Himrod	0	0.00	0	0.00	1	0.00
Isabella	27450	0.59	32494	0.70	17813	0.40
Ives	23	0.00	16	0.00	0	0.00
Jacquez	226	0.00	2368	0.05	1443	0.03
Kay Gray	0	0.00	1	0.00	2	0.00
La Crescent	0	0.00	77	0.00	94	0.00
La Crosse	0	0.00	25	0.00	26	0.00
Lomanto	0	0.00	0	0.00	3	0.00
Louise Swenson	0	0.00	3	0.00	5	0.00
Marquette	0	0.00	88	0.00	166	0.00
Marquis	0	0.00	0	0.00	1	0.00
Mars	0	0.00	2	0.00	2	0.00
Minnesota Muscat	0	0.00	0	0.00	0	0.00
Montreal Blues	0	0.00	0	0.00	1	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>USA (continued)</b>						
Moore's Diamond	19	0.00	42	0.00	24	0.00
Muscat Swenson	0	0.00	24	0.00	37	0.00
New York Muscat	0	0.00	5	0.00	12	0.00
New York Muscat and VG4111	0	0.00	0	0.00	2	0.00
Niagara	15343	0.33	4670	0.10	3264	0.07
Noah	71	0.00	71	0.00	200	0.00
Noiret	0	0.00	33	0.00	25	0.00
Norton	0	0.00	329	0.01	328	0.01
Okanagan Riesling	0	0.00	0	0.00	1	0.00
Ontario	0	0.00	0	0.00	0	0.00
Osceola Muscat	0	0.00	0	0.00	7	0.00
Perlette	14	0.00	1	0.00	2	0.00
Petite Amie	0	0.00	0	0.00	0	0.00
Petite Pearl	0	0.00	0	0.00	11	0.00
Pionnier	0	0.00	0	0.00	1	0.00
Portland	9	0.00	12	0.00	39	0.00
Prairie Star	0	0.00	21	0.00	23	0.00
Radisson	0	0.00	0	0.00	8	0.00
Red Globe	2113	0.05	242	0.01	242	0.01
Reliance	0	0.00	4	0.00	4	0.00
Romulus	0	0.00	0	0.00	1	0.00
Royalty	338	0.01	97	0.00	93	0.00
Rubired	4153	0.09	4556	0.10	4916	0.11
Ruby	6	0.00	9	0.00	9	0.00
Ruby Cabernet	7420	0.16	5729	0.12	5309	0.12
Ruby Seedless	25	0.00	0	0.00	0	0.00
Sabrevois	0	0.00	10	0.00	25	0.00
Scuppernong	0	0.00	0	0.00	27	0.00
Sheridan	500	0.01	500	0.01	500	0.01
Somerset Seedless	0	0.00	0	0.00	1	0.00
St Croix	0	0.00	25	0.00	45	0.00
St Pepin	0	0.00	19	0.00	37	0.00
St Vincent	0	0.00	23	0.00	20	0.00
Steuben	0	0.00	39	0.00	35	0.00
Sugrafive	118	0.00	2	0.00	0	0.00
Superior Seedless	6	0.00	9	0.00	9	0.00
Swenson Red	0	0.00	11	0.00	10	0.00
Swenson White	0	0.00	0	0.00	2	0.00
Symphony	184	0.00	324	0.01	647	0.01
Taylor	0	0.00	0	0.00	0	0.00
Traminette	5	0.00	240	0.01	239	0.01
Triplett Blanc	0	0.00	244	0.01	412	0.01
Valiant	0	0.00	11	0.00	11	0.00
Valvin Muscat	0	0.00	6	0.00	0	0.00
Vénus	0	0.00	1	0.00	0	0.00
<b>Total (116 varieties)</b>	<b>80677</b>	<b>1.75</b>	<b>70539</b>	<b>1.53</b>	<b>51703</b>	<b>1.15</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	<i>Hectares</i>	<i>Share</i>	<i>Hectares</i>	<i>Share</i>	<i>Hectares</i>	<i>Share</i>
		(%)		(%)		(%)
<b>Hungary</b>						
Aletta	0	0.00	723	0.02	1676	0.04
Andor	0	0.00	0	0.00	1	0.00
Arany Sárfehér	2914	0.06	1133	0.02	586	0.01
Augster Weiss	0	0.00	1	0.00	1	0.00
Bakator Kék	0	0.00	3	0.00	2	0.00
Bakator Roz	0	0.00	16	0.00	16	0.00
Bianca	2180	0.05	6462	0.14	9766	0.22
Bíborkadarka	202	0.00	136	0.00	109	0.00
Borsmenta	0	0.00	0	0.00	1	0.00
Budai Zöld	0	0.00	6	0.00	6	0.00
Csaba Gyöngye	0	0.00	89	0.00	175	0.00
Cserszegi Fűszeres	2185	0.05	3609	0.08	4299	0.10
Csillám	0	0.00	20	0.00	25	0.00
Csókaszőlő	0	0.00	2	0.00	2	0.00
Csomorika	0	0.00	0	0.00	0	0.00
Duna Gyöngye	0	0.00	63	0.00	45	0.00
Esther	0	0.00	0	0.00	0	0.00
Ezerfürtű	405	0.01	406	0.01	295	0.01
Ezerjó	3157	0.07	1074	0.02	636	0.01
Favorit	0	0.00	0	0.00	3	0.00
Fekete Jádorvány	0	0.00	0	0.00	0	0.00
Furmint	3481	0.08	5276	0.11	4435	0.10
Gesztus	0	0.00	0	0.00	0	0.00
Göcseji Zamatos	0	0.00	55	0.00	50	0.00
Gyöngyrizling	0	0.00	23	0.00	16	0.00
Hajnalka	0	0.00	0	0.00	0	0.00
Hamvas	0	0.00	0	0.00	0	0.00
Hárslevelű	1296	0.03	1856	0.04	1618	0.04
Heuréka	0	0.00	0	0.00	0	0.00
Irsai Olivér	0	0.00	1414	0.03	1790	0.04
Jádorvány	0	0.00	0	0.00	0	0.00
Jázmin	0	0.00	0	0.00	2	0.00
Jubileum 75	0	0.00	194	0.00	91	0.00
Juhfark	0	0.00	186	0.00	195	0.00
K.35	0	0.00	0	0.00	0	0.00
Kabar	0	0.00	18	0.00	30	0.00
Kadarka	2630	0.06	1181	0.03	1625	0.04
Karát	0	0.00	50	0.00	44	0.00
Kármin	0	0.00	36	0.00	24	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Hungary (continued)</b>						
Kéknyelű	0	0.00	43	0.00	50	0.00
Királyleányka	0	0.00	855	0.02	784	0.02
Kocsis Irma	0	0.00	11	0.00	2	0.00
Königin der Weingärten	750	0.02	61	0.00	70	0.00
Korona	0	0.00	1	0.00	1	0.00
Kövidinka	1214	0.03	1076	0.02	658	0.01
Kozma CS. 2	0	0.00	0	0.00	0	0.00
Kozmopoliten	0	0.00	0	0.00	0	0.00
Kunbarát	0	0.00	9	0.00	0	0.00
Kunleány	1376	0.03	1211	0.03	974	0.02
Kuruczvér	0	0.00	0	0.00	0	0.00
Lakhegyi Mézes	567	0.01	306	0.01	145	0.00
Leányka	0	0.00	838	0.02	719	0.02
Lilla	0	0.00	0	0.00	0	0.00
Magyarfrankos	0	0.00	0	0.00	0	0.00
Mátrai Muskotály	0	0.00	67	0.00	49	0.00
Medina	0	0.00	159	0.00	124	0.00
Menoir	0	0.00	65	0.00	61	0.00
Meszi Kadarka	0	0.00	0	0.00	0	0.00
Mézes Fehér	0	0.00	2	0.00	1	0.00
Nektár	0	0.00	21	0.00	22	0.00
Nero d'Avola	11323	0.25	16649	0.36	14281	0.32
Nosztori Rizling	0	0.00	1	0.00	0	0.00
Odysseus	0	0.00	4	0.00	25	0.00
Orpheus	0	0.00	0	0.00	2	0.00
Palatina	0	0.00	6	0.00	3	0.00
Pannon Frankos	0	0.00	16	0.00	12	0.00
Pátria	0	0.00	3	0.00	5	0.00
Pecsi Szagos	0	0.00	1	0.00	1	0.00
Pelso	0	0.00	1	0.00	1	0.00
Pintes	0	0.00	3	0.00	2	0.00
Pölöskei Muskotály	0	0.00	103	0.00	207	0.00
Pozsonyi Fehér	0	0.00	10	0.00	10	0.00
Purcsin	0	0.00	0	0.00	0	0.00
Putzscheere	0	0.00	0	0.00	0	0.00
Refrén	0	0.00	0	0.00	0	0.00
Rozala Bianca	0	0.00	2	0.00	2	0.00
Rózsakő	0	0.00	19	0.00	17	0.00
Rubintos	0	0.00	18	0.00	13	0.00
Sárfehér	0	0.00	0	0.00	2	0.00
Somszoekoe Kék	0	0.00	0	0.00	0	0.00
Sremska Zelenika	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Hungary (continued)</b>						
Táltos	0	0.00	1	0.00	1	0.00
Tarcali Kék	0	0.00	0	0.00	0	0.00
Taurus	0	0.00	0	0.00	0	0.00
Tihanyi Kék	0	0.00	0	0.00	0	0.00
Trilla	0	0.00	1	0.00	1	0.00
Turán	0	0.00	177	0.00	183	0.00
Úrréti	0	0.00	0	0.00	0	0.00
Vertes Csillaga	0	0.00	21	0.00	11	0.00
Viktor	0	0.00	0	0.00	0	0.00
Viktória Gyöngye	0	0.00	190	0.00	198	0.00
Vulcanus	0	0.00	5	0.00	5	0.00
Zalagyöngye	4330	0.09	1948	0.04	1259	0.03
Zefír	0	0.00	49	0.00	15	0.00
Zengő	0	0.00	264	0.01	226	0.01
Zenit	405	0.01	580	0.01	660	0.01
Zéta	0	0.00	118	0.00	118	0.00
Zeusz	0	0.00	28	0.00	27	0.00
<b>Total (98 varieties)</b>	<b>38416</b>	<b>0.83</b>	<b>48978</b>	<b>1.06</b>	<b>48515</b>	<b>1.08</b>
<b>Moldova</b>						
Alb de Ialoveni	2	0.00	2	0.00	0	0.00
Alb de Onițeni	0	0.00	0	0.00	424	0.01
Alb de Suruceni	0	0.00	0	0.00	780	0.02
Amur	0	0.00	146	0.00	146	0.00
Apiren Alb	0	0.00	0	0.00	1	0.00
Apiren Roz	0	0.00	0	0.00	0	0.00
Augustovski	0	0.00	0	0.00	0	0.00
Batuta Neagra	0	0.00	3	0.00	3	0.00
Coarnă Neagră	0	0.00	0	0.00	114	0.00
Dekabrskii	0	0.00	78	0.00	78	0.00
Doina	0	0.00	227	0.00	227	0.01
Fetească Albă	23828	0.52	17469	0.38	13382	0.30
Fetească Neagră	1214	0.03	1719	0.04	3248	0.07
Floricica	0	0.00	0	0.00	14	0.00
Frumoasa Alba	0	0.00	0	0.00	8	0.00
Guzun	0	0.00	0	0.00	3	0.00
Iordan	0	0.00	315	0.01	311	0.01
Kishmish Luchisty	0	0.00	0	0.00	55	0.00
Kishmish Moldavskii	0	0.00	0	0.00	28	0.00
Kodrinskii	5	0.00	5	0.00	229	0.01
Kodryanka	0	0.00	0	0.00	1143	0.03

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Moldova (continued)</b>						
Lyana	0	0.00	0	0.00	41	0.00
Maiskii Chernyi	77	0.00	110	0.00	110	0.00
Moldova	0	0.00	0	0.00	12375	0.28
Muscat de Bugeac	0	0.00	0	0.00	2	0.00
Muscat de Yaloven	0	0.00	0	0.00	3	0.00
Muscat Yantarnyi	0	0.00	0	0.00	683	0.02
Muskat de Yaloven	20	0.00	20	0.00	0	0.00
Nastea	0	0.00	0	0.00	303	0.01
Negru de Yaloven	15	0.00	15	0.00	141	0.00
Novii podaroc Zaporojiu	0	0.00	0	0.00	31	0.00
Onitskanskii Belyi	5	0.00	71	0.00	66	0.00
Osennii Ciornai	0	0.00	0	0.00	8	0.00
Pamyati Negrulya	0	0.00	0	0.00	123	0.00
Plavay	0	0.00	209	0.00	152	0.00
Prezentabil	0	0.00	0	0.00	215	0.00
Riton	2	0.00	257	0.01	568	0.01
Viorika	40	0.00	347	0.01	558	0.01
Yalovenskii Ustoichivyi	0	0.00	0	0.00	129	0.00
Yubilei Zhuravlya	0	0.00	0	0.00	1	0.00
<b>Total (40 varieties)</b>	<b>25208</b>	<b>0.55</b>	<b>20992</b>	<b>0.45</b>	<b>35704</b>	<b>0.80</b>
<b>Bulgaria</b>						
Dimyat	7740	0.17	2401	0.05	9696	0.22
Droujba	3	0.00	3	0.00	0	0.00
Dunav	0	0.00	0	0.00	11	0.00
Dunavski Lazur	0	0.00	483	0.01	483	0.01
Mavrud	647	0.01	1296	0.03	1193	0.03
Misket Cherven	0	0.00	4159	0.09	4349	0.10
Misket Varnenski	0	0.00	336	0.01	0	0.00
Pamid	22718	0.49	9827	0.21	9961	0.22
Ranna Melnishka Loza	0	0.00	249	0.01	0	0.00
Shiroka Melnishka	3804	0.08	1580	0.03	1205	0.03
Storgozia	0	0.00	295	0.01	0	0.00
<b>Total (11 varieties)</b>	<b>34913</b>	<b>0.76</b>	<b>20628</b>	<b>0.45</b>	<b>26899</b>	<b>0.60</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000 Hectares	2000 Share (%)	2010 Hectares	2010 Share (%)	2016 Hectares	2016 Share (%)
<b>Romania</b>						
Alb Aromat	0	0.00	24	0.00	24	0.00
Alutus	0	0.00	2	0.00	2	0.00
Amurg	0	0.00	3	0.00	3	0.00
Arcas	0	0.00	1	0.00	1	0.00
Aromat de Iasi	0	0.00	62	0.00	66	0.00
Astra	0	0.00	0	0.00	0	0.00
Băbească Neagră	3722	0.08	3122	0.07	2696	0.06
Băbească Neagră (G)	0	0.00	328	0.01	297	0.01
Balada	0	0.00	0	0.00	0	0.00
Blasius	0	0.00	14	0.00	15	0.00
Busuioacă de Bohotin	0	0.00	268	0.01	343	0.01
Codană	0	0.00	24	0.00	26	0.00
Columna	0	0.00	24	0.00	26	0.00
Crâmpoșie Selecționată	0	0.00	409	0.01	18	0.00
Crimposie	0	0.00	453	0.01	450	0.01
Cruciulita	0	0.00	0	0.00	0	0.00
Donaris	0	0.00	1	0.00	1	0.00
Fetească Regală	2578	0.06	13136	0.28	12991	0.29
Frâncușă	0	0.00	621	0.01	365	0.01
Galbenă de Odobești	546	0.01	385	0.01	417	0.01
Golia	0	0.00	0	0.00	0	0.00
Grasă de Cotnari	850	0.02	685	0.01	632	0.01
Haiduc	0	0.00	3	0.00	3	0.00
Mamaia	0	0.00	0	0.00	0	0.00
Miorita	0	0.00	7	0.00	8	0.00
Muscat Timpuriu de Bucuresti	0	0.00	0	0.00	15	0.00
Mustoașă de Măderat	0	0.00	255	0.01	282	0.01
Negru Aromat	0	0.00	1	0.00	1	0.00
Negru de Drăgășani	0	0.00	16	0.00	18	0.00
Novac	0	0.00	73	0.00	74	0.00
Rosina	0	0.00	1	0.00	1	0.00
Roz de Minis	0	0.00	6	0.00	7	0.00
Şarbă	0	0.00	265	0.01	266	0.01
Timpuriu de Cluj	0	0.00	1	0.00	1	0.00
Unirea	0	0.00	1	0.00	1	0.00
Zghihără de Huși	0	0.00	87	0.00	54	0.00
<b>Total (36 varieties)</b>	<b>7696</b>	<b>0.17</b>	<b>20277</b>	<b>0.44</b>	<b>19103</b>	<b>0.43</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>Turkey</b>						
Adakarası	48	0.00	69	0.00	89	0.00
Boğazkere	773	0.02	1106	0.02	1436	0.03
Çalkarası	436	0.01	625	0.01	806	0.02
Çavuş	0	0.00	0	0.00	3	0.00
Chaouch Blanc	2	0.00	3	0.00	0	0.00
Dimrit	602	0.01	863	0.02	704	0.02
Emir	480	0.01	688	0.01	89	0.00
Kalecik Karası	601	0.01	861	0.02	704	0.02
Karalahna	3	0.00	4	0.00	4	0.00
Karasakız	3	0.00	4	0.00	4	0.00
Narince	537	0.01	769	0.02	787	0.02
Öküzgözü	1033	0.02	1479	0.03	1601	0.04
Papazkarası	122	0.00	175	0.00	204	0.00
Rosaki	0	0.00	0	0.00	2	0.00
Sultaniye	12122	0.26	3413	0.07	5325	0.12
Vasilaki	3	0.00	4	0.00	4	0.00
Vranac	0	0.00	149	0.00	9503	0.21
<b>Total (16 varieties)</b>	<b>16764</b>	<b>0.36</b>	<b>10208</b>	<b>0.22</b>	<b>21266</b>	<b>0.47</b>
<b>Montenegro</b>						
Vranac	0	0.00	149	0.00	9503	0.21
<b>Total (1 variety)</b>	<b>0</b>	<b>0.00</b>	<b>149</b>	<b>0.00</b>	<b>9503</b>	<b>0.21</b>
<b>Switzerland</b>						
Arvine	61	0.00	172	0.00	192	0.00
Birstaler Muskat	0	0.00	0	0.00	1	0.00
Blattner Cal 1-15	0	0.00	0	0.00	0	0.00
Blattner Cal 1-20	0	0.00	0	0.00	0	0.00
Blattner Cal 1-22	0	0.00	0	0.00	0	0.00
Blattner Cal 1-28	0	0.00	0	0.00	2	0.00
Blattner Cal 1-36	0	0.00	0	0.00	1	0.00
Blattner Reds	0	0.00	39	0.00	8	0.00
Blattner Whites	0	0.00	25	0.00	7	0.00
Bondola	17	0.00	13	0.00	11	0.00
BX 81-83	0	0.00	0	0.00	1	0.00
Cabaret Noir	0	0.00	0	0.00	3	0.00
Cabernet Blanc	0	0.00	0	0.00	6	0.00
Cabernet Early	0	0.00	0	0.00	0	0.00
Cabernet Foch	0	0.00	0	0.00	2	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Switzerland (continued)</b>						
Cabernet Jura	0	0.00	19	0.00	27	0.00
Cabernet Soyhières	0	0.00	0	0.00	1	0.00
Cabernet x Maréchal Foch	0	0.00	0	0.00	0	0.00
Carminoir	0	0.00	10	0.00	11	0.00
Chardoris	0	0.00	0	0.00	0	0.00
Charmont	7	0.00	10	0.00	10	0.00
Chasselas	13318	0.29	13119	0.28	7377	0.16
Chasselas (R)	11	0.00	95	0.00	90	0.00
Completer	2	0.00	3	0.00	5	0.00
Diolinoir	31	0.00	114	0.00	122	0.00
Divico	0	0.00	0	0.00	10	0.00
Divona	0	0.00	0	0.00	0	0.00
Doral	3	0.00	27	0.00	35	0.00
Dunze	1	0.00	0	0.00	0	0.00
Eyholzer Rote	0	0.00	0	0.00	0	0.00
Galotta	0	0.00	13	0.00	35	0.00
Gamaret	71	0.00	405	0.01	441	0.01
Garanoir	76	0.00	216	0.00	229	0.01
Himbertscha	0	0.00	0	0.00	0	0.00
Humagne	9	0.00	30	0.00	29	0.00
IRAC 1933	0	0.00	0	0.00	0	0.00
Kalina	0	0.00	0	0.00	0	0.00
Lafnetscha	1	0.00	0	0.00	2	0.00
Mara	0	0.00	0	0.00	10	0.00
Millot-Foch	0	0.00	0	0.00	126	0.00
MRAC 1087	0	0.00	0	0.00	0	0.00
MRAC 1099	0	0.00	0	0.00	0	0.00
MRAC 1626	0	0.00	0	0.00	0	0.00
MRAC 1817	0	0.00	0	0.00	0	0.00
MRAC 40	0	0.00	0	0.00	0	0.00
Muscat Bleu	0	0.00	0	0.00	3	0.00
Muscatin	0	0.00	0	0.00	0	0.00
Olivette de Laconnex	0	0.00	0	0.00	0	0.00
Petite Milo	0	0.00	0	0.00	6	0.00
Pinorico	0	0.00	0	0.00	0	0.00
Réselle	0	0.00	0	0.00	1	0.00
Reze	1	0.00	0	0.00	0	0.00
Roter Milan	0	0.00	0	0.00	0	0.00
Rouge de Fully	0	0.00	0	0.00	1	0.00
Rouge du Pays	0	0.00	0	0.00	136	0.00
Satin Noir	0	0.00	0	0.00	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Share Hectares	(%)	Share Hectares	(%)	Share Hectares	(%)
<b>Switzerland (continued)</b>						
Sauvignac	0	0.00	0	0.00	2	0.00
Siramé	0	0.00	0	0.00	0	0.00
Tedi's Best	0	0.00	0	0.00	0	0.00
VB 32-7	0	0.00	0	0.00	3	0.00
VB 91-26-25	0	0.00	0	0.00	1	0.00
VB 91-26-26	0	0.00	0	0.00	0	0.00
VB 91-26-27	0	0.00	0	0.00	0	0.00
VB Cal 1-14	0	0.00	0	0.00	0	0.00
VB Cal 1-29	0	0.00	0	0.00	0	0.00
VB Cal 1-31	0	0.00	0	0.00	0	0.00
VB Cal 1-33	0	0.00	0	0.00	0	0.00
VB Cal 6-04 N5	0	0.00	0	0.00	0	0.00
VB Jura 25	0	0.00	0	0.00	0	0.00
<b>Total (70 varieties)</b>	<b>13608</b>	<b>0.29</b>	<b>14312</b>	<b>0.31</b>	<b>8950</b>	<b>0.20</b>
<b>South Africa</b>						
Chenel	339	0.01	79	0.00	33	0.00
Colomino	16	0.00	5	0.00	2	0.00
Grachen	3	0.00	2	0.00	0	0.00
Nouvelle	2	0.00	422	0.01	428	0.01
Pinotage	6574	0.14	6404	0.14	7132	0.16
Roobernet	78	0.00	139	0.00	269	0.01
Therona	185	0.00	99	0.00	67	0.00
Weldra	54	0.00	14	0.00	2	0.00
<b>Total (8 varieties)</b>	<b>7251</b>	<b>0.16</b>	<b>7164</b>	<b>0.16</b>	<b>7933</b>	<b>0.18</b>
<b>United Kingdom</b>						
Muscat of Hamburg	7068	0.15	8140	0.18	7680	0.17
<b>Total (1 variety)</b>	<b>7068</b>	<b>0.15</b>	<b>8140</b>	<b>0.18</b>	<b>7680</b>	<b>0.17</b>
<b>Ukraine</b>						
Bastardo Magarachsky	1969	0.04	2370	0.05	180	0.00
Citronny Magarach	0	0.00	307	0.01	307	0.01
Ekim Kara	19	0.00	27	0.00	0	0.00
Golubok	50	0.00	87	0.00	37	0.00
Hasansky Sladky	0	0.00	0	0.00	1	0.00
Ilichevskii Rannii	5	0.00	5	0.00	0	0.00
Kokur Bely	641	0.01	918	0.02	0	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Ukraine (continued)</b>						
Lora	0	0.00	0	0.00	35	0.00
Magaracha Rannii	0	0.00	0	0.00	884	0.02
Mechta	0	0.00	0	0.00	19	0.00
Misket	3764	0.08	0	0.00	0	0.00
Muskat Zhemchuzhnyi	0	0.00	0	0.00	1	0.00
Odessky Cherny	1694	0.04	2686	0.06	2508	0.06
Original	0	0.00	0	0.00	5	0.00
Pervenets Magaracha	2837	0.06	2881	0.06	2755	0.06
Podarok Magaracha	148	0.00	504	0.01	292	0.01
Riesus	0	0.00	115	0.00	115	0.00
Rubin Golodrigi	0	0.00	82	0.00	82	0.00
Rubin Tairovsky	2	0.00	2	0.00	5	0.00
Rubinovy Magaracha	0	0.00	0	0.00	0	0.00
Sukholimansky Bely	1631	0.04	2156	0.05	405	0.01
<b>Total (21 varieties)</b>	<b>12760</b>	<b>0.28</b>	<b>12141</b>	<b>0.26</b>	<b>7632</b>	<b>0.17</b>
<b>China</b>						
Beibinghong	0	0.00	0	0.00	1600	0.04
Crystal	1	0.00	175	0.00	175	0.00
Longyan	0	0.00	0	0.00	1000	0.02
Yan 73	0	0.00	0	0.00	4800	0.11
<b>Total (4 varieties)</b>	<b>1</b>	<b>0.00</b>	<b>175</b>	<b>0.00</b>	<b>7575</b>	<b>0.17</b>
<b>Japan</b>						
Black Queen	566	0.01	713	0.02	143	0.00
Koshu	118	0.00	168	0.00	690	0.02
Kyoho (4N)	4003	0.09	4003	0.09	2762	0.06
Muscot Bailey A	1372	0.03	1422	0.03	1821	0.04
Red Millennium	0	0.00	0	0.00	2	0.00
Riesling Forte	0	0.00	0	0.00	2	0.00
Rose Ciotat	0	0.00	0	0.00	2	0.00
Ryugan	0	0.00	0	0.00	27	0.00
Yama Sauvignon	0	0.00	0	0.00	24	0.00
Yamabudo	0	0.00	0	0.00	35	0.00
Yamasachi	0	0.00	0	0.00	20	0.00
<b>Total (11 varieties)</b>	<b>6059</b>	<b>0.13</b>	<b>6306</b>	<b>0.14</b>	<b>5529</b>	<b>0.12</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Cyprus</b>						
Maratheftiko	0	0.00	152	0.00	0	0.00
Mavro	10969	0.24	3575	0.08	3187	0.07
Ofthalmo	0	0.00	141	0.00	0	0.00
Xynisteri	2742	0.06	2092	0.05	1946	0.04
<b>Total (4 varieties)</b>	<b>13711</b>	<b>0.30</b>	<b>5960</b>	<b>0.13</b>	<b>5133</b>	<b>0.11</b>
<b>Russia</b>						
Agadai	1265	0.03	0	0.00	0	0.00
Bakator Belyi	0	0.00	11	0.00	11	0.00
Barkhatnyi	0	0.00	30	0.00	30	0.00
Dostoinyi	0	0.00	65	0.00	65	0.00
Fioletovy Ranny	0	0.00	50	0.00	50	0.00
Krasnostop Zolotovsky	0	0.00	562	0.01	562	0.01
Kuban	0	0.00	0	0.00	32	0.00
Levokumskij	0	0.00	890	0.02	890	0.02
Mergeritar	0	0.00	0	0.00	0	0.00
Michurinets	0	0.00	0	0.00	0	0.00
Saperavi Severny	25	0.00	350	0.01	325	0.01
Stepnyak	0	0.00	144	0.00	144	0.00
Tsimlyansky Cherny	0	0.00	451	0.01	451	0.01
Tsvetochny	0	0.00	169	0.00	169	0.00
Victoria	145	0.00	52	0.00	620	0.01
Vidvizhenets	0	0.00	271	0.01	271	0.01
Vostorg	0	0.00	0	0.00	17	0.00
<b>Total (17 varieties)</b>	<b>1435</b>	<b>0.03</b>	<b>3045</b>	<b>0.07</b>	<b>3639</b>	<b>0.08</b>
<b>Brazil</b>						
Carmem	0	0.00	0	0.00	328	0.01
Clara	0	0.00	0	0.00	0	0.00
Concord Clone 30	0	0.00	0	0.00	196	0.00
Cora	0	0.00	0	0.00	570	0.01
Dona Zillá	0	0.00	0	0.00	1	0.00
Juliana	0	0.00	0	0.00	0	0.00
Lorena	0	0.00	519	0.01	500	0.01
Magna	0	0.00	0	0.00	30	0.00
Margot	0	0.00	0	0.00	2	0.00
Moscato Embrapa	0	0.00	862	0.02	683	0.02
Niagara Red	0	0.00	0	0.00	469	0.01
Patrizia Rosa	10	0.00	153	0.00	0	0.00
Rúbea	0	0.00	81	0.00	181	0.00
Tardia de Caxias	0	0.00	0	0.00	0	0.00
Violeta	0	0.00	98	0.00	636	0.01
<b>Total (15 varieties)</b>	<b>10</b>	<b>0.00</b>	<b>1714</b>	<b>0.04</b>	<b>3596</b>	<b>0.08</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Serbia</b>						
Bácska	0	0.00	0	0.00	7	0.00
Beogradska Crna	0	0.00	0	0.00	0	0.00
Kosmopolita	0	0.00	0	0.00	1	0.00
Kreaca	0	0.00	29	0.00	30	0.00
Morava	0	0.00	0	0.00	34	0.00
Panonia	0	0.00	0	0.00	10	0.00
Prokupac	15180	0.33	15180	0.33	1361	0.03
Slankamenka	0	0.00	53	0.00	23	0.00
Župljanka	0	0.00	4	0.00	505	0.01
<b>Total (9 varieties)</b>	<b>30360</b>	<b>0.66</b>	<b>30533</b>	<b>0.66</b>	<b>3944</b>	<b>0.09</b>
<b>Slovenia</b>						
Bouvier	365	0.01	250	0.01	224	0.00
Ranfol	0	0.00	134	0.00	0	0.00
Vitovska Grganja	0	0.00	0	0.00	33	0.00
Žametovka	0	0.00	914	0.02	822	0.02
Zelen	<b>365</b>	<b>0.01</b>	<b>1297</b>	<b>0.03</b>	<b>1079</b>	<b>0.02</b>
<b>Total (5 varieties)</b>	<b>365</b>	<b>0.01</b>	<b>1297</b>	<b>0.03</b>	<b>1079</b>	<b>0.02</b>
<b>Azerbaijan</b>						
Bayanshira	451	0.01	645	0.01	645	0.01
Madrasa	20	0.00	28	0.00	28	0.00
<b>Total (2 varieties)</b>	<b>470</b>	<b>0.01</b>	<b>673</b>	<b>0.01</b>	<b>673</b>	<b>0.02</b>
<b>North Macedonia</b>						
Stanušina Crna	0	0.00	0	0.00	400	0.01
<b>Total (1 variety)</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>400</b>	<b>0.01</b>
<b>Kazakhstan</b>						
Kuldzhinskii	269	0.01	385	0.01	385	0.01
<b>Total (1 variety)</b>	<b>269</b>	<b>0.01</b>	<b>385</b>	<b>0.01</b>	<b>385</b>	<b>0.01</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Peru</b>						
Ar110	1	0.00	1	0.00	1	0.00
Ar99	3	0.00	5	0.00	5	0.00
Imperial Seedless	1	0.00	1	0.00	1	0.00
Quebranta	230	0.00	345	0.01	330	0.01
Rosa Arica	1	0.00	1	0.00	1	0.00
<b>Total (5 varieties)</b>	<b>236</b>	<b>0.01</b>	<b>353</b>	<b>0.01</b>	<b>338</b>	<b>0.01</b>
<b>Israel</b>						
Argaman	202	0.00	202	0.00	275	0.01
Nehelescol	172	0.00	25	0.00	6	0.00
<b>Total (2 varieties)</b>	<b>374</b>	<b>0.01</b>	<b>227</b>	<b>0.00</b>	<b>281</b>	<b>0.01</b>
<b>Morocco</b>						
Abbou	2375	0.05	2375	0.05	0	0.00
Doukkali	16557	0.36	16557	0.36	0	0.00
Maticha	354	0.01	311	0.01	257	0.01
<b>Total (3 varieties)</b>	<b>19286</b>	<b>0.42</b>	<b>19243</b>	<b>0.42</b>	<b>257</b>	<b>0.01</b>
<b>Lebanon</b>						
Afus Ali	1837	0.04	381	0.01	211	0.00
<b>Total (1 variety)</b>	<b>1837</b>	<b>0.04</b>	<b>381</b>	<b>0.01</b>	<b>211</b>	<b>0.00</b>
<b>Bosnia and Herzegovina</b>						
Žilavka	0	0.00	0	0.00	185	0.00
<b>Total (1 variety)</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>185</b>	<b>0.00</b>
<b>Canada</b>						
GM 322	0	0.00	17	0.00	0	0.00
Kat.E.Lin	0	0.00	0	0.00	0	0.00
Kentville White 94-1	0	0.00	0	0.00	0	0.00
Kentville White 94-2	0	0.00	0	0.00	1	0.00
KW 96-2	0	0.00	0	0.00	0	0.00
L'Acadie Blanc	0	0.00	0	0.00	65	0.00
Saint-Cliche	0	0.00	0	0.00	0	0.00
Seyval Noir	0	0.00	0	0.00	76	0.00
Sovereign Coronation	0	0.00	0	0.00	1	0.00

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Canada (continued)</b>						
Sovereign Opal	0	0.00	3	0.00	3	0.00
Summerland	0	0.00	0	0.00	0	0.00
Vandal-Cliche	0	0.00	0	0.00	14	0.00
Ventura	39	0.00	24	0.00	10	0.00
Vincent	0	0.00	11	0.00	8	0.00
Vineland 53035	0	0.00	0	0.00	4	0.00
<b>Total (15 varieties)</b>	<b>39</b>	<b>0.00</b>	<b>55</b>	<b>0.00</b>	<b>182</b>	<b>0.00</b>
<b>Australia</b>						
Cabernet Sanzey	0	0.00	0	0.00	0	0.00
Caverdella	0	0.00	0	0.00	5	0.00
Cienna	0	0.00	0	0.00	70	0.00
Rubienne	0	0.00	0	0.00	1	0.00
Shalistin	0	0.00	0	0.00	0	0.00
Sun Muscat	0	0.00	0	0.00	23	0.00
Taminga	46	0.00	0	0.00	2	0.00
Tarrango	120	0.00	72	0.00	16	0.00
Tyrian	0	0.00	0	0.00	38	0.00
<b>Total (9 varieties)</b>	<b>166</b>	<b>0.00</b>	<b>72</b>	<b>0.00</b>	<b>156</b>	<b>0.00</b>
<b>Thailand</b>						
Malaga Blanc	11	0.00	16	0.00	54	0.00
<b>Total (1 variety)</b>	<b>11</b>	<b>0.00</b>	<b>16</b>	<b>0.00</b>	<b>54</b>	<b>0.00</b>
<b>Chile</b>						
Blanca Ovoide	107	0.00	40	0.00	44	0.00
Tamarugal	0	0.00	0	0.00	1	0.00
<b>Total (2 varieties)</b>	<b>107</b>	<b>0.00</b>	<b>40</b>	<b>0.00</b>	<b>44</b>	<b>0.00</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	<i>Share</i> <i>Hectares</i>	(%)	<i>Share</i> <i>Hectares</i>	(%)	<i>Share</i> <i>Hectares</i>	(%)
<b>Czechia</b>						
Agni	0	0.00	6	0.00	0	0.00
Andre	0	0.00	477	0.01	5	0.00
Ariana	0	0.00	3	0.00	0	0.00
Aurelius	0	0.00	70	0.00	0	0.00
Cabernet Moravia	0	0.00	212	0.00	0	0.00
Laurot	0	0.00	6	0.00	0	0.00
Muskat Moravsky	0	0.00	514	0.01	0	0.00
Neronet	0	0.00	72	0.00	6	0.00
Palava	0	0.00	230	0.00	0	0.00
Rubinet	0	0.00	0	0.00	15	0.00
<b>Total (10 varieties)</b>	<b>0</b>	<b>0.00</b>	<b>1589</b>	<b>0.03</b>	<b>26</b>	<b>0.00</b>
<b>Taiwan</b>						
Musann Blanc	0	0.00	0	0.00	5	0.00
<b>Total (1 variety)</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>5</b>	<b>0.00</b>
<b>Algeria</b>						
Ahmeur Bou Ahmeur	3	0.00	1	0.00	0	0.00
<b>Total (1 variety)</b>	<b>3</b>	<b>0.00</b>	<b>1</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
<b>Uzbekishtan</b>						
Pervomaisky	64	0.00	64	0.00	0	0.00
<b>Total (1 variety)</b>	<b>64</b>	<b>0.00</b>	<b>64</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
<b>Armenia</b>						
Garandmak	931	0.02	931	0.02	0	0.00
Victoria	145	0.00	52	0.00	620	0.01
Vidvizhenets	0	0.00	271	0.01	271	0.01
Vostorg	0	0.00	0	0.00	17	0.00
Carmem	0	0.00	0	0.00	328	0.01
<b>Total (5 varieties)</b>	<b>1076</b>	<b>0.02</b>	<b>1254</b>	<b>0.03</b>	<b>1236</b>	<b>0.03</b>

Table 14 (cont.): Prime varieties' global area and share of all varieties globally, by prime's country of origin, 2000, 2010 and 2016

	2000		2010		2016	
	Hectares	Share (%)	Hectares	Share (%)	Hectares	Share (%)
<b>Belgium</b>						
Leopoldo III	2	0.00	0	0.00	0	0.00
<b>Total (1 variety)</b>	<b>2</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>
<b>Slovakia</b>						
Devin	0	0.00	133	0.00	0	0.00
Dunaj	0	0.00	46	0.00	0	0.00
Milia	0	0.00	1	0.00	0	0.00
Noria	0	0.00	1	0.00	0	0.00
<b>Total (4 varieties)</b>	<b>0</b>	<b>0.00</b>	<b>182</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>

Table 15: Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Abbo	Abbou	R	Barbera Nera	Barbera	R
Acadie blanche	L'Acadie Blanc	W	Barca	Tinta da Barca	R
Adakarasi	Adakarasi	R	Barkhatny	Barkhatnyi	W
Afuz-Ali	Afus Ali	W	Barreto	Barreto de Semente	R
Aglianico	Aglianico	R	Barroco	Tinta Barroca	R
Aglianico del Vulture	Aglianico	R	Baska	Bácska	G
Agria	Turán	R	Bastarda	Trouseau	R
Agudello	Godello	W	Bastarda Negra	Alfrocheiro	R
Airen	Airén	W	Bastardillo	Cinsaut	R
Alb de Onitcani	Onitskanskii Belyi	W	Bastardo	Trouseau	R
Alb Rominesc	Cruciulita	W	Bastardo Do Castello	Trouseau	R
Albarifio	Alvarinho	W	Bastardo Magaraceskii	Bastardo Magarachsky	R
Albarin Blanco	Albarín Blanco	W	Bastardo Magarachskiy	Bastardo Magarachsky	R
Albarino	Alvarinho	W	Bastardo Magareceski	Bastardo Magarachsky	R
Albariño	Alvarinho	W	Bastardo Negro	Alfrocheiro	R
Albilla	Albillo Mayor	W	Bastardo Roxo	Trouseau	R
Albillo	Albillo Real	W	Bastardo Tinto	Trouseau	R
Albilo Krimski	Albillo Krimskii	W	Bayan-Shirey	Bayanshira	W
Alcanon	Alcañon	W	Becuet	Persan	R
Alcoa	Tinta de Alcoa	R	Beli Pinot	Pinot Blanc	W
Aldamiina	Adalmiina	W	Belta	Hondarrabi Beltza	R
Alexandrouli	Aleksandrouli	R	Bequignol	Béquignol Noir	R
Alfonso Lavalle	Alphonse Lavallée	R	Bequignol Noir	Béquignol Noir	R
Alibernet	Odessky Cherny	R	Bernejuela	Marmajuelo	W
Alicante	Alicante Henri Bouschet	R	Bervedino	Vernaccia di San Gimignano	W
Alicante Bouchet	Alicante Henri Bouschet	R	Bianchetta Genovese	Albarola	W
Alicante Branco	Damascino	W	Biancone	Biancone di Portoferraio	W
Alicante H Bouschet Tintor	Alicante Henri Bouschet	R	Bibor Kadarka	Biborkadarka	R
Alicante H. Bouschet/Tintorera	Alicante Henri Bouschet	R	Bibor kadarka	Biborkadarka	R
Aligote	Aligoté	W	Biborkadarka	Biborkadarka	R
Alikante Mouse	Alicante Henri Bouschet	R	Black Magic	Kodryanka	R
Almafre	Almafria	W	Black Muscat	Muscat of Hamburg	R
Alminhaca	Almenhaca	W	Black Queen/Pokdum	Black Queen	R
Almuneço	Listan Negro	R	Black Spanish	Jacquez	R
Alphonse Lavallee	Alphonse Lavallée	R	BlackMagic	Kodryanka	R
Alvadurao	Síria	W	Blanca Cayetana	Cayetana Blanca	W
Alvar	Alvar Branco	W	Blattner Vb 32-7	VB 32-7	W
Alvarelhao	Alvarelhão	R	Blauberger, Experimental Red Vinifera,		
Alvarelhao Branco	Planta Nova	W	Petite Sirah, Pinot Meunier, Sangiovese	Blauburger	R
Alvarinho	Alvarelhão	R	Blauer Burgunder	Pinot Noir	R
Amor-Nao-Me-Deixes	Aramon Noir	R	Blauer Silvaner	Silvaner (R)	W
Amostrinha	Preto Martinho	R	Blauer Trollinger	Schiava Grossa	R
Ancellotta	Ancellotta	R	Blaufränkisch	Blaufränkisch	R
Ancelota	Ancelotta	R	Blaufränkisch/Lemberger	Blaufränkisch	R
Ansonica	Inzolia	W	Boal	Malvasia Fina	W
Aragonez	Tempranillo	R	Boal Branco	Malvasia Fina	W
Aramon	Aramon Noir	R	Boal Espinho	Malvasia Fina	W
Aramon Blanc	Aramon Noir (W)	R	Bobal, Provechon	Bobal	R
Arany Sarfeher	Arany Sárfehér	W	Bogazkere	Boğazkere	R
Arcadia	Nastea	W	Bogdanusa	Bogdanuša	W
Ardeleanca	Bakator Belyi	W	Bonarda	Douce Noire	R
Argelina	Ahmeur Bou Ahmeur	R	Bonicaire	Trepat	R
Arinto	Arinto de Bucelas	W	Bonvedro	Paraleta	R
Arinto do Interior	Dorinto	W	Borda	Graševina	W
Arinto Roxo	Arinto de Bucelas	W	Bordo	Cabernet Franc	R
Aromella (NY 76)	Aromella	W	Borgona	Blaufränkisch	R
Aromon Blanc	Aramon Noir (W)	R	Borgonja	Blaufränkisch	R
Arvine (Petite)	Arvine	W	Bornova Misketi	Muscat Blanc à Petits Grains	W
Asirtiko	Assyrtiko	W	Borracal	Borraçal	R
Aspirant Bouschet	Aspiran Bouschet	R	Boschera	Verdicchio Bianco	W
Asprinio	Greco	W	Bourdin (S)	Florental	R
Asprudi	Asprouda	W	Bouvierovo Hrozno	Bouvier	W
Assaraka	Assaraky	W	Bovale	Graciano	R
Athiri Aspro	Athiri	W	Bovale Grande	Mazuelo	R
Aucerot	Auxerrois	W	Brachetto	Brachetto del Piemonte	R
Aurora	Aurore	W	Bragao	Tinta Bragao	R
Azal Branco	Azal	W	Brajda Crna	Suscan	R
Babeasca Gri	Babească Neagră (G)	R	Brancellao	Alvarelhão	R
Babeasca Gris	Babească Neagră (G)	R	Branco Joao	Branco Sr. Joao	W
Babească Gris	Babească Neagră (G)	R	Branco Lexítimo- B	Albarín Blanco	W
Babeasca Neagra	Babească Neagră	R	Breal	Beba	W
Babic	Babić	R	BRS Carmen	Carmem	R
Babosa	Babosa de Madere	W	BRS Clara	Clara	W
Baco	Baco Noir	R	BRS Cora	Cora	R
Baco Noir	Baco Noir	R	BRS Lorena	Lorena	W
Baco Noir, Chambourcin, etc.	Baco Noir	R	BRS Magna	Magna	R
Bakator Kek	Bakator Kék	R	BRS Margot	Margot	R
Baladi Verdejo	Cayetana Blanca	W	BRS Violeta	Violeta	R
Baltica	Hasansky Sladky	R	Bruñial	Alfrocheiro	R
Banati Rizling	Kreaca	W	Brunello	Sangiovese	R
Bánáti Rizling	Kreaca	W	Budai	Budai Zöld	W
Barátcsuha	Hamvas	W	Buera	Bua Kurdzeni	W
			Buonamico	Bonamico	R

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Burdeos	Cabernet Sauvignon	R	Chasselas Dorato	Chasselas	W
Burger	Elbling	W	Chasselas Doré	Chasselas	W
Burgund Mare	Blaufränkisch	R	Chasselas musque	Chasselas	W
Burgunder	Pinot Blanc	W	Chasselas rose	Chasselas (R)	W
Burgunder, Weißer	Pinot Blanc	W	Chasselas Rouge	Chasselas (R)	W
Burra Blanca	Airén	W	Chasselas Roxo	Chasselas (R)	W
Busuioaca De Bohotin	Busuioacă de Bohotin	G	Chasselas/Gutedel	Chasselas	W
C.G. 14260 (Inta)	Gargiulo 14260	R	Chenin	Chenin Blanc	W
C.G.2539 (Inta)	Gargiulo 2539	R	Chenin Blanc - Chenin	Chenin Blanc	W
C.G. 26189 (Inta)	Gargiulo 26189	R	Chirac	Syrah	R
C G 26879 (Inta)	Gargiulo 26879	W	Cidelhe	Tinta de Cidelhe	R
C.G.4113 (Inta)	Gargiulo 4113	R	Ciguente	Síria	W
C G 45803 (Inta)	Gargiulo 45803	W	Cinsault	Cinsaut	R
Cabernet B	Cabernet Blanc	W	Cinsaut Blanc	Cinsaut (W)	R
Cabernet Blanc (VB 91-26-01)	Cabernet Blanc	W	Cinsaut Gris	Cinsaut (G)	R
Cabernet Franc - Cabernet Franco	Cabernet Franc	R	Cinsaut Seedles	Cinsaut	R
Cabernet Germisch	Carmenère	R	Cirfandli	Zierandler	G
Cabernet Noir (VB 91-26-04)	Cabaret Noir	R	Citronny of Magarach	Citronny Magarach	W
Cabernet S.	Cabernet Sauvignon	R	Cjanorie	Cianorie	R
Cabernet Sauvignon - Cabernet	Cabernet Sauvignon	R	Clairet	Clairette	W
Cabernet VB	Cabernet Blanc	W	Clairette Blanche	Clairette	W
Cabernet-Sauvignon	Cabernet Sauvignon	R	Coarna Neagra	Coarnă Neagră	R
Cabertín (VB 91-26-18)	Cabertín	R	Codana	Codană	R
CabVB	Cabernet Blanc	W	Codega do Larinho	Codega de Larinho	W
Cadarcă	Kadarka	R	Codreanca	Kodryanka	R
Cagnulari	Graciano	R	Codrinski	Kodrinskii	R
Cainho	Caíño Blanco	W	Cokur White	Kokur Bely	W
Cainho de Moreira	Caíño Blanco	W	Colgadero	Quiebratijas Tinto	R
Caino Blanco	Caíño Blanco	W	Colombar	Colombard	W
Caino Tinto	Borraçal	R	Colorino	Abrusco	R
Caíño Tinto	Borraçal	R	Corbina	Corbina Vicentina	R
Calabrese	Nero d'Avola	R	Cordisco	Montepulciano	R
Çalkarasi	Çalkarasi	R	Corinto	Korinthiaki	R
Calkarasi	Çalkarasi	R	Corinto Nero	Korinthiaki	R
Camarate	Camaral et Lasseube	W	Cornalin/Landroter	Rouge du Pays	R
Canaiolo	Canaiolo Nero	R	Corvina	Corvina Veronese	R
Canaiolo Bianco	Drupeggio	W	Corvo	Aubun	R
Canaiolo Rosa	Canaiolo Nero	R	Cot	Côt	R
Canari	Canari Noir	R	Cot Rouge	Côt	R
Canina Nera	Fortana	R	Couderc	Couderc Noir	R
Cannon Hall Muscat (4N)	Muscat Cannon Hall (4N)	W	Cramposie	Crimposie	W
Cannonaú	Garnacha Tinta	R	Cramposie	Crimposie	W
Cardenal	Cardinal	R	Cramposie Selectionata	Crâmpoie Selectionată	W
Cargadora	Cinsaut	R	Crato Espanhol	Síria	W
Caricagiola	Parraleta	R	Criolla Chica	Listán Prieto	R
Caringnan	Mazuelo	R	Cristal	Crystal	W
Carignan - Carignane, Cariñena	Mazuelo	R	Crljenak Kastelanski	Tribidrag	R
Carignan Blanc	Mazuelo (W)	R	Cs.2	Kozma CS. 2	R
Carignan Gris	Mazuelo (G)	R	Csaba Gyongye	Csaba Gyöngye	W
Carignan Noir	Mazuelo	R	Csabagyongye	Csaba Gyöngye	W
Carignan Noir Mazuela	Mazuelo	R	Csabagyöngye	Csaba Gyöngye	W
Carignane	Mazuelo	R	Cserszegi Fuszeres	Cserszegi Fűszeres	G
Carignano	Mazuelo	R	Csillam	Csillám	W
Carinenha Blanco	Mazuelo (W)	R	Csokaszolo	Csókaszóló	R
Carmenere	Carmenère	R	Cynthiana	Norton	R
Carmenère - Grande Vidure	Carmenère	R	De Chaunac and Rosette	De Chaunac	R
Carmenere Crni	Carmenère	R	De Cuerzo	Cornichon Blanc	W
Carmi Noir	Carminoir	R	Dekabrsky	Dekabrskii	R
Carrasquenho	Baga	R	Dembina	Debina	W
Carrega Burros	Baga	R	Derechero	Royal de Alloza	R
Castanhal	Tinta Castañal	R	Diego	Vijariego	W
Castelao	Castelão	R	Dievcie Hrozno	Fetească Albă	W
Castelao Branco	Castelão Branco	W	Diseca Ranina	Diseca Ranina	W
Castellana	Rufete	R	Divico (IRAC 2091)	Divico	R
Casteloa	Castelão	R	DS 8521-1	David Macgregor 8521-1	R
Catarratto	Catarratto Bianco	W	Dom Felder	Dornfelder	R
Catarratto Bianco Comune	Catarratto Bianco	W	Don Mariano	Imperial Napoleon	R
Catarratto Bianco Lucido	Catarratto Bianco	W	Dona Blanca	Síria	W
Cavus	Chaouch Blanc	W	Dofña Blanca	Síria	W
Cayuga	Cayuga White	W	Doradilla	Cayetana Blanca	W
Centenial Seedless	Centenial Seedless	W	Dourado	Galego Dourado	W
Cercial	Cerceal Branco	W	Drujba	Droujba	W
Cesanese Comune	Cesanese	R	Durasa	Bonarda Piemontese	R
Cesanese d'Affile	Cesanese	R	Durize	Rouge de Fully	R
Cesar N	Cesar	R	Einset	Einset Seedless	R
Charbono	Douce Noire	R	Elbling Rot	Elbling (R)	W
Chardonnay - Pinot Chardonnay	Chardonnay	W	Elbling Weisser	Elbling	W
Chardonnay Blanc	Chardonnay	W	Elbling, Roter	Elbling (R)	W
Chardonnay Musque and Chardonnay	Chardonnay	W	Elbling, Weißer	Elbling	W
Chasselas Dorada	Chasselas	W	Engomada	Tinta Engomada	R
Chaslas	Chasselas	W	Erbanno	Schiava Lombarda	R
Chasselas Blanc, Rose	Chasselas	W	ES 10-18-30	Elmer Swenson 10- 18- 30	W
Chasselas alba	Chasselas	W	Esgana Cao Tinto	Esganacao Preto	R
Chasselas Blanc	Chasselas	W	Esganoso	Sercial	W

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Ezerfurtu	Ezerfűtű	W	Gouveio Estimado	Gouveio Real	W
Ezerjo	Ezerjő	W	Gouveio Roxo	Godello	W
Faber	Faberrebe	W	Graciana	Graciano	R
Falkensteiner	Grüner Veltliner	W	Gran Negro	Grand Noir	R
Farbertraube	Teinturier	R	Grand Noir de la Calmette	Grand Noir	R
Färbertraube	Teinturier	R	Granoir	Garanoir	R
Favorita	Vermentino	W	Grasa de Cotnari	Grasă de Cotnari	W
Favorita Diaz	Vermentino	W	Grasade Cotnari	Grasă de Cotnari	W
Fekete Fájú Bajor	Augster Blau	R	Grasevina	Graševina	W
Fekete leányka	Fetească Neagră	R	Grasvina	Graševina	W
Fekete Muskotály	Muscat Blanc à Petits Grains	W	Grauer Burgunder	Pinot Gris	G
Fernao Pires	Fernão Pires	W	Grecanico Dorato	Garganega	W
Fernao Pires Rosado	Fernão Pires	W	Grechetto	Grechetto di Orvieto	W
Ferrol	Manseng Noir	R	Grechetto Bianco	Grechetto di Orvieto	W
Ferron	Manseng Noir	R	Greco di Tufo	Greco	W
Feteasca Alba	Fetească Albă	W	Grenache	Garnacha Tinta	R
Feteasca Neagra	Fetească Neagră	R	Grenache Blanc	Garnacha Blanca	W
Feteasca neagră	Fetească Neagră	R	Grenache Gris	Garnacha Roja (Gris)	G
Feteasca Regala	Fetească Regală	W	Grenache Noir	Garnacha Tinta	R
Feteasca regală	Fetească Regală	W	Grenache Rose	Garnacha Roja (Gris)	G
Feuille de Tilleul	Hárslévelű	W	Grolleau	Grolleau Noir	R
Fileri	Moschofileros	G	Grolleau Gris	Grolleau Noir	R
Findling	Müller-Thurgau	W	Groppello di Santo Stefano	Groppello di Mocasina	R
Fioletovy Ranny	Fioletovy Ranny	R	Gros Bec	Pinot Noir	R
Fleurtaï (UD-34.111)	Fleurtaï	W	Gros Colman	Dodreyabi	R
Foch	Maréchal Foch	R	Gross Manseng	Gros Manseng	W
Foch (Marechal)	Maréchal Foch	R	Gruner Veltliner	Grüner Veltliner	W
Fokiano (White)	Fokiano (W)	R	Gual	Malvasia Fina	W
Folle Noire	Canari Noir	R	Guarnaccia	Coda di Volpe Bianca	W
Folle Noire (Vidiella)	Canari Noir	R	Gutedel Weisser	Chasselas	W
Forastera Blanca	Chelva	W	Gutedel, Weißer	Chasselas	W
Forcallat Blanca	Airén	W	Gyöngyrizling	Gyöngyrizling	W
Franconia	Blaufränkisch	R	Hajnal	Hajnalka	W
Francusa	Frâncușă	W	Hajnos Kék	Somszöke Kék	R
Frankovka	Blaufränkisch	R	Hamburgi Muskotaly	Muscat of Hamburg	R
Frankovka Modra	Blaufränkisch	R	Hamburgi Muskotály	Muscat of Hamburg	R
Frappato Di Vittoria	Frappato	R	Hanepoot	Muscat of Alexandria	W
Freiburger	Freisamer	W	Harslevelű	Harslevelű	W
French Lombard	Colombard	W	Hölder	Hölder	W
Friulano	Sauvignonasse	W	Hondarrabi Beltza	Hondarribi Beltza	R
Frontenac Blanc	Frontenac (W)	R	Humagne Blanc	Humagne	W
Frontenac Gris	Frontenac (G)	R	Humagne Rouge	Cornalin	R
Frontenac Grus	Frontenac (G)	R	Ialovenchi usticivii	Yalovenskii Ustochivyi	W
Frontenac Noir	Frontenac	R	Illicovski Ciornai Rannii	Illichevskii Rannii	R
Frontenac Rouge	Frontenac	R	Iordană	Iordan	W
Fruhbburgunder	Pinot Noir Précocce	R	IRAC 2060	Divona	W
Fruhbburgunder, Blauer	Pinot Noir Précocce	R	Irsai Oliver	Irsai Olivér	W
Fruhroter Veltliner	Fruhroter Veltliner	R	Irsai Oliver	Irsai Olivér	W
Frutilla	Isabella	R	Irsay Olivier	Irsai Olivér	W
Galbena De Odobesti	Galbenă de Odobești	W	Isabel	Isabella	R
Galbenade Odobesti	Galbenă de Odobești	W	Isabel Precoce	Isabella	R
Galego	Galego Dourado	W	Iso	Beba	W
Gallota	Galotta	R	Italia (Pirovano 65) (PE)	Italia	W
Gamay	Gamay Noir	R	Italian Riesling	Graševina	W
Gamay Beaujolais	Gamay Noir	R	Italian, Portugese whites	Italia	W
Gamay cl 565	Gamay Noir	R	Jubilei Juravelea	Yubilei Zhuravlya	R
Gamay de Chaudenay	Gamay Teinturier de Chaudenay	R	Izsaki Sarfeher	Arany Sárfehér	W
Gamay De Teinturier Bouze	Gamay Teinturier de Bouze	R	J. Riesling	Riesling	W
Gamay St Romain	Gamay Noir	R	Jaen	Mencía	R
Gammay de Bouze	Gamay Teinturier de Bouze	R	Jaen Tinto	Mencía	R
Gammay Freaux	Gamay Teinturier Freaux	R	Jázman (8/1)	Jázman	W
Gamza	Kadarka	R	Jemciug csaba	Csaba Gyöngye	W
Ganjuri	Tebrizi	W	Juan García	Juan García	R
Gansfüsser	Gänsfüsser	R	Juan Ibáñez	Moristel	R
Garnacha	Garnacha Tinta	R	Jubilaumsrebe	Jubiläumsrebe	G
Garnacha Roja	Garnacha Roja (Gris)	G	Jubileumsrebe	Jubiläumsrebe	G
Garnacha Rose	Garnacha Roja (Gris)	G	Jurancion Blanc	Jurançon Blanc	W
Garnacha Tinta	Garnacha Tinta	R	Jurancion Noir	Jurançon Noir	R
Garnacha Tintorera	Alicante Henri Bouschet	R	Kalecik Karası	Kalecik Karası	R
Garnachablanca	Garnacha Blanca	W	Kanaan	Nehelescol	W
Garrut	Monastrell	R	Karaburnu	Afus Ali	W
Gecsei Zamatos	Göcseji Zamatos	W	Karat	Karat	W
Gegic	Gegić	W	Kardinal Crveni	Cardinal	R
Geisenheim	Geisenheim 318-57	W	Karinian	Mazuelo	R
Geisenheim 813-57	Geisenheim 318-57	W	Karmin	Kármin	R
Gewürztraminer	Gewürztraminer	W	Katawaba	Catawba	R
GF 48-12	Geilweilerhof Ga- 48- 12	W	Katelin	Kat.E.Lin	R
Giro	Giro Nero	R	Kavcina Crna	Žametovka	R
Gocseji Zamatos	Göcseji Zamatos	W	Kék Bajor	Augster Blau	R
Godelho	Godello	W	Kék Bakator	Bakator Kék	R
Goher	Augster Weiss	W	Kékfrankos	Blaufränkisch	R
Gohér	Augster Blau	R	Keknyelu	Kéknyelű	W
Gohér	Augster Weiss	W	Kékportó	Blauer Portugieser	R
Goluboc	Golubok	R	Kerner Bijeli	Kerner	W
Gorda	Juan Garcia	R	Kernling	Kerner	W
Gouais/Gwass	Gouais Blanc	W	Key Gray	Kay Gray	W
Gouveio	Godello	W	Kiralyeánka	Királyeánka	W

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Kirovabadskii Stolovy (Tabriz, Ganjuri)	Tebrizi	W	Malvasia Candida Roxa	Malvasia di Sardegna Rosada	G
Kişmiş lucistai	Kishmish Luchisty	R	Malvasia Chianti	Malvasia Bianca Lunga	W
Kişmiş moldovenesc	Kishmish Moldavskii	R	Malvasia di Candia	Malvasia Bianca di Candia	W
Knipperle	Knipperlé	W	Malvasia di Sardegna	Malvasia di Lipari	W
Koenigin Der Weingarten	Königin der Weingärten	W	Malvasia Dubrovacka Bijela	Malvasia di Lipari	W
Koevidinka	Kövidinka	G	Malvasia Istriana	Malvazija Istarska	W
Koksis Irma	Kocsis Irma	W	Malvasia Negra	Malvasia Nera di Brindisi	R
Königliche Esther	Esther	R	Malvasia Nera	Malvasia Nera di Brindisi	R
Korai Piros Veltelini	Früheroter Veltliner	R	Malvasia Nera di Lecce	Malvasia Nera di Brindisi	R
Korai Piros Veltelini	Früheroter Veltliner	R	Malvasia Rei	Palomino Fino	W
Koverszolo	Grasă de Cotnari	W	Malvasia Sitges	Malvasia di Lipari	W
Kővérzölö	Grasă de Cotnari	W	Malvasia Verde	Furmint	W
Kovidinka	Kovidinka	G	Malvasia Dubrovačka	Malvasia di Lipari	W
Krakhuna Tetri	Krakhuna	W	Malvasier	Früheroter Veltliner	R
Krasnostop Anapsky	Krasnostop Zolotovsky	R	Malvasier, Früher Roter	Früheroter Veltliner	R
Kratoshija	Tribidrag	R	Malvazija	Malvazija Istarska	W
Kratošija	Tribidrag	R	Malvazija Aromatična	Malvasia di Candia Aromatica	W
Kubani	Kuban	R	Manseng Gros Blanc	Gros Manseng	W
Kujundzusa	Kujundžuša	W	Manseng Petit Blanc	Petit Manseng	W
Kuldzhinskiy	Kuldžhinskiy	R	Manteudo	Listain de Huelva	W
Kunbarat	Kunbarát	W	Mara (RAC 3022, C41)	Mara	R
Kundza Tetri	Kundza	W	Marastina	Malvasia Bianca Lunga	W
Kunleany	Kunléány	W	Maraština	Malvasia Bianca Lunga	W
Kuntra	Karasakiz	R	Marcelan	Marselan	R
Kurucver	Kurucvér	R	Marechal Foch	Maréchal Foch	R
KW 94-1	Kentville White 94-1	W	Marechal Foch	Maréchal Foch	R
KW 94-2	Kentville White 94-2	W	Márgáritar	Mergerita	W
Kyoho	Kyoho (4N)	R	Mario Feld	Pinot Noir	R
Kyoko	Kyoho (4N)	R	Marisancho	Pardillo	W
L'Acadie	L' Acadie Blanc	W	Marquette	Marquette	R
Lacrima	Lacrima di Morro d'Alba	R	Marsanne Blanche	Marsanne	W
Lagorthi	Verdeca	W	Marsanne Blanche/Ermitage	Marsanne	W
Lakhegyi Mezes	Lakhegyi Mézes	W	Marsigiana Nera	Magliocco Dolce	R
Laki Rizling	Graševina	W	Marzemina	Marzemino	R
Lambrusco a Foglia Frastagliata	Enantio	R	Marzemina Grossa	Marzemino	R
Landot	Landot Noir	R	Mataro	Monastrell	R
Laški Rizling	Graševina	W	Matrai Muskotaly	Mátrai Muskotály	W
Leana	Lyana	W	Matrasa	Madrasa	R
Leanyka	Leányka	W	Maturana Tinta	Trousseau	R
Lefkada	Vertzami	R	Maturano Bianco	Maturana Blanca	W
Lemberger	Blaufränkisch	R	Mauzac	Mauzac Blanc	W
Lenoir	Jacquez	R	Mavroudi	Mavrouda	R
Leon Millet	Léon Millot	R	Mayskij	Maiskii Chernyi	R
Leon Millot	Léon Millot	R	Mazuela	Mazuelo	R
Léon Millot x Maréchal Foch	Millot-Foch	R	Mecita	Mectha	R
Liatiko(White)	Liatiko (W)	R	Melnik	Shiroka Melnishka	R
Lidia	Isabella	R	Melon	Melon	W
Lilas	Moscatel Lilaz	W	Melra	Tinta da Melra	R
Limberger, Blauer	Blaufränkisch	R	Mencia	Mencía	R
Limnio(white)	Limnio (W)	R	Menoire	Menoir	R
Lipovina	Hárslévelű	W	Merenzao	Trousseau	R
Listan	Palomino Fino	W	Merlot Noir	Merlot	R
Livornese Bianca	Rollo	W	Merlot, Petit Verdot	Arinarnoa	R
Lledoner Pelut	Garnacha Peluda	R	Meslier Saint Francois	Meslier Saint-Francois	W
Long Yan	Longyan	R	Mészikadar	Meszi Kadarka	R
Loureiro Blanca	Loureiro	W	Meunier	Pinot Meunier	R
Loureiro Blanco	Loureiro	W	Mezes	Mézes Fehér	W
Loureiro Tinto	Mencia	R	Mézes	Mézes Fehér	W
Macabeu	Macabeo	W	Mezes Feher	Mézes Fehér	W
Maccabeo	Macabeo	W	Michele Palieri	Michele Palieri	R
Machanauri Sapere	Machanauri	R	Michele Parlieri	Michele Palieri	R
Madeleine Angevine	Madeleine x Angevine 7672	W	Michelle Parlieri	Michele Palieri	R
Madera	Palomino Fino	W	Michurinetz	Michurinets	R
Magaracha's Firstborn	Pervenets Magaracha	W	Miguel De Arco	Miguel del Arco	R
Magaracha's Gift	Podarak Magaracha	W	Miguel Del Arco	Moristel	R
Magliasino	Magliasina	R	Mission	Listan Prieto	R
Magyar Frankos	Magyarfrankos	R	Modra Frankinja	Blaufränkisch	R
Majarcă Albă	Slankamenka	W	Modri Pinot	Pinot Noir	R
Malaga	Muscat of Alexandria	W	Modry Portugal	Blauer Portugieser	R
Malagouzia	Malagousia	W	Molar	Negramoll	R
Malandra	Tinta Malandra	R	Molinera	Molinara	R
Malbec	Côt	R	Molinha	Fernão Pires	W
Malbech	Côt	R	Moll	Prensal	W
Malbeck	Côt	R	Mollar	Negramoll	R
Malbek	Côt	R	Monastrell	Monastrell	R
Malfar	Alarije	W	Mondeuse	Mondeuse Noire	R
Malvar	Lairen	W	Mondeuse Rouge	Mondeuse Noire	R
Malvasia Amarela	Malvasia Bianca di Candia	W	Monemvasia	Monemvassia	W
Malvasia Aromatica	Malvasia di Candia Aromatica	W	Monstruosa de Monterrei	Monstruosa	W
Malvasia Bianca	Malvasia Bianca di Candia	W	Montreal blue	Montreal Blues	R
Malvasia Bianca di Piemonte	Malvasia Moscata	W	Moores Diamond	Moore's Diamond	W
Malvasia Branca	Siria	W	Moravia Dulce	Marufo	R
Malvasia Cabral	Cabral	R	Moreto	Malvasia Preta	R
Malvasia Candida	Malvasia di Lipari	W	Morio Muscat	Morio-Muskat	W

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Moscate	Muscat Blanc à Petits Grains	W	Muscaris (FR 493-87)	Muscaris	W
Moscate Amarilla	Moscato Giallo	W	Muscat A Petit Grains Blanc (Frontignac)	Muscat Blanc à Petits Grains	W
Moscate Amarillo	Moscato Giallo	W	Muscat A Petit Grains Rouge/Rose (Frontignac)	Muscat Blanc à Petits Grains (R)	W
Moscate Austria	Torrontés Sanjuanino	W	Muscat a Petits Grains Blanc	Muscat Blanc à Petits Grains	W
Moscate Blanca	Muscat of Alexandria	W	Muscat A Petits Grains Blancs	Muscat Blanc à Petits Grains	W
Moscate Blanco	Muscat of Alexandria	W	Muscat A Petits Grains Noirs	Muscat Blanc à Petits Grains (R)	W
Moscate Branco	Muscat Blanc à Petits Grains	W	Muscat A Petits Grains Roses	Muscat Blanc à Petits Grains (R)	W
Moscate de Alejandría	Muscat of Alexandria	W	Muscat A Petits Grains Rouge	Muscat Blanc à Petits Grains (R)	W
Moscate de Alejandria	Muscat of Alexandria	W	Muscat Alexandria	Muscat of Alexandria	W
Moscate De Alejandria	Muscat of Alexandria	W	Muscat Amber	Muscat of Alexandria	W
Moscate De Alejandría - Blanca Italia	Muscat of Alexandria	W	Muscat Bailey	Muscat Bailey A	R
Moscate De Austria	Torrontés Sanjuanino	W	Muscat Blanc	Muscat Blanc à Petits Grains	W
Moscate De Frontignan	Muscat Blanc à Petits Grains	W	Muscat Blanc (du Valais)	Muscat Blanc à Petits Grains	W
Moscate De Grano Menudo	Muscat Blanc à Petits Grains	W	Muscat Blanc à Petit Grains	Muscat Blanc à Petits Grains	W
Moscate de Hamburg	Muscat of Hamburg	R	Muscat Blanc à Petits Grains	Muscat Blanc à Petits Grains	W
Moscate De Hamburgo	Muscat of Hamburg	R	Muscat Canelli	Muscat Blanc à Petits Grains	W
Moscate de Malaga	Muscat of Alexandria	W	Muscat Croquant	Muscat Fleur d'Oranger	W
Moscate Frontignan	Muscat Blanc à Petits Grains	W	Muscat d'Alexandrie	Muscat of Alexandria	W
Moscate Galego Branco	Muscat Blanc à Petits Grains	W	Muscat de Frontignan	Muscat Blanc à Petits Grains	W
Moscate Galego Roxo	Muscat Blanc à Petits Grains (R)	W	Muscat de Hambourg	Muscat of Hamburg	R
Moscate Galego Tinto	Muscat Blanc à Petits Grains (R)	W	Muscat de Hamburg	Muscat of Hamburg	R
Moscate Graudo	Muscat of Alexandria	W	Muscat de iloveni	Muscat de Yaloven	W
Moscate Hamburg	Muscat of Hamburg	R	Muscat De iloveni	Muscat de Yaloven	W
Moscate Negra	Listan Prieto	R	Muscat Fleur d'Oranger	Muscat Fleur d'Oranger	W
Moscate Negro	Listan Prieto	R	Muscat Frontignan	Muscat Blanc à Petits Grains	W
Moscate Nunes	Muscat Blanc à Petits Grains	W	Muscat frontignan	Muscat Blanc à Petits Grains	W
Moscate Rosada	Muscat Blanc à Petits Grains (G)	W	Muscat Gordo Blanco	Muscat of Alexandria	W
Moscate Rosada (Pastilla)	Muscat Blanc à Petits Grains (G)	W	Muscat Gordo Blanco	Muscat of Alexandria	W
Moscate Rosado	Muscat Blanc à Petits Grains (G)	W	Muscat Hambourg	Muscat of Hamburg	R
Moscattello	Muscat	W	Muscat Hamburg	Muscat of Hamburg	R
Moscato	Muscat	W	Muscat iantarnii	Muscat Yantarnyi	W
Moscato Bianco	Muscat Blanc à Petits Grains	W	Muscat jemicjenii	Muscat Zhemchuzhnyi	W
Moscato Bianco R2	Muscat Blanc à Petits Grains	W	Muscat Morio	Morio-Muskat	W
Moscato Canelli	Muscat Blanc à Petits Grains	W	Muscat Of Alexandria Red	Muscat of Alexandria (R)	W
Moscato d'Ambrgo	Muscat of Hamburg	R	Muscat Oliver	Irsai Olivér	W
Moscato de Alexandria	Muscat of Alexandria	W	Muscat Ottone	Muscat Ottone	W
Moscato Gaillo	Moscato Giallo	W	Muscat Petit Grain	Muscat Blanc à Petits Grains	W
Moscato Giallo/Moscatel del Trentino	Moscato Giallo	W	Muscat Petits Grains	Muscat Blanc à Petits Grains	W
Moscato Nero di Acqui	Muscat of Hamburg	R	Muscat Poloskey	Pölöskei Muskotály	W
Moscato Ottone	Muscat Ottone	W	Muscat Poloskey	Pölöskei Muskotály	W
Moscato Rosa	Moscato Rosa del Trentino	R	Muscat Rose	Muscat Blanc à Petits Grains (R)	W
Moscato Rosado	Moscato Rosa del Trentino	R	Muscat timpuriu	Muscat Timpuriu de Bucuresti	W
Moschato	Moschomavro	R	Muscat Varieties	Muscat	W
Moschato	Muscat Blanc à Petits Grains	W	Muscat Violet	Muscat Blanc à Petits Grains (R)	W
Moschofilero II	Moschofilero	G	Muscat White	Muscat Blanc à Petits Grains	W
Moslavac	Furmint	W	Muscat/Muskateller	Muscat	W
Mouraton	Juan García	R	Muscat White	Muscat Blanc à Petits Grains	W
Mourisco	Marufo	R	Muscat/Muskateller	Muscat	W
Mourisco Branco	Cayetana Blanca	W	Muscats	Muscat Swenson	W
Mourisco Roxo	Marufo	R	Muskat	Muscat Blanc à Petits Grains	W
Mourvedre	Monastrell	R	Muskat Bjeli	Muscat Blanc à Petits Grains	W
Mourvèdre	Monastrell	R	Muskat Hungarian	Muscat of Hamburg	R
Mourvèdre	Monastrell	R	Muskat Ottone	Muscat Ottone	W
Mtsvane	Mtsvane Kakhuri	W	Muskat Ruza Crni	Moscato Rosa del Trentino	R
Mukhranuli	Aligoté	W	Muskat Zlty	Muscat Blanc à Petits Grains	W
Mulata	Negrarmoll	R	Muskat Zuti	Moscato Giallo	W
Muller Thurgau	Müller-Thurgau	W	Muskat, Ottone	Muscat Ottone	W
Müller Thurgau Rivaner	Müller-Thurgau	W	Muskateller	Muscat Blanc à Petits Grains	W
Müller Thurgau Weiss	Müller-Thurgau	W	Muskateller Gelber	Muscat Blanc à Petits Grains	W
Müllerrebe (Schwarzriesling)	Pinot Meunier	R	Muskateller, Gelber	Muscat Blanc à Petits Grains	W
Muscadel	Muscat Blanc à Petits Grains	W	Muskateller, Roter	Muscat Blanc à Petits Grains (R)	W
Muscadel (red)	Muscat Blanc à Petits Grains (R)	W	Muskat-Ottone	Muscat Ottone	W
Muscadel Red	Muscat Blanc à Petits Grains (R)	W	Muskattrollinger	Muscat of Hamburg	R
Muscadelle (Tokay)	Muscadelle	W	Muskat-Trollinger	Muscat of Hamburg	R
Muscadet	Melon	W	Muškatžuti	Muscat Blanc à Petits Grains	W
Muscadine	Scuppernong	W			

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Mustoasa de Maderat	Mustoasă de Măderat	W	Pical	Piquepoul Noir	R
Mustoasa de Mäderat	Mustoasă de Măderat	W	Picapoll Negro	Piquepoul Noir	R
Mustoasade Mäderat	Mustoasă de Măderat	W	Pigato	Vermannino	W
Napa Gamay	Valdiguié	R	Pignola	Pignola Valtellinese	R
Nebiollo	Nebbiolo	R	Pilongo	Alvarelhão	R
Nebiolo	Nebbiolo	R	Pinela	Pinella	W
Negkoska	Negoska	R	Pinheira Branca	Jampal	W
Negra Commun	Listan Negro	R	Pinheira Roxa	Malvasia Preta	R
Negra Criolla	Negramoll	R	Pinot 386	Pinot Noir	R
Negra Mole	Negramoll	R	Pinot Bianco	Pinot Blanc	W
Negrara	Hrvatica	R	Pinot Bijeli	Pinot Blanc	W
Negrette	Negrette	R	Pinot Blanc	Pinot Blanc	W
Negro Amaro	Negroamaro	R	Pinot Blanco	Pinot Blanc	W
Negrudo Drăgășani	Negrudo Drăgășani	R	Pinot Crni	Pinot Noir	R
Negrudo Drăgășani	Negrudo Drăgășani	R	Pinot Grey	Pinot Gris	G
Negrudo Ialoveni	Negrudo Yaloveni	R	Pinot Grigio	Pinot Gris	G
Negrudo Drăgășani	Negrudo Drăgășani	R	Pinot Gris (Grigio)	Pinot Gris	G
Nektar	Nektár	W	Pinot Gris/Grigio	Pinot Gris	G
Nero	Nero d'Avola	R	Pinot Gris/Malvoisie/Grauburgunder	Pinot Gris	G
Nero Buono	Nero Buono di Cori	R	Pinot Menier	Pinot Meunier	R
Nero Davola	Nero d'Avola	R	Pinot Menieur	Pinot Meunier	R
Neuburiske	Neuburger	W	Pinot Negro	Pinot Noir	R
Niagara and Wiley White	Niagara	W	Pinot Nero	Pinot Noir	R
Niagara Branca	Niagara	W	Pinot Noir	Pinot Noir	R
Niagara Rosada	Niagara Red	R	Pinot Noir - Pinot Negro	Pinot Noir	R
Niagara White	Niagara	W	Pinot Noir / Blauer burgunder	Pinot Noir	R
Nieddu Mannu	Pascale	R	Pinot Noir Blauer Burgunder	Pinot Noir	R
Nielluccio	Sangiovese	R	Pinot Noir Precoce	Pinot Noir Précoce	R
Nonastrell	Monastrell	R	Pinot Noir Précocce/Frühburgunder	Pinot Noir Précocce	R
NY Muscat	New York Muscat	R	Pinot Noir, Blue (including velvet red)	Pinot Noir	R
Odessa Black	Odessky Cherny	R	Pinot Noir/Blauburgunder	Pinot Noir	R
Odessky Chernyi	Odessky Cherny	R	Pinot Noire	Pinot Noir	R
Okuzgozu	Öküzgözü	R	Pinot Saint George	Négrette	R
Olasz Rizling	Graševina	W	Pinot Sivi	Pinot Gris	G
Olivella Nera	Sciascinoso	R	Pinot White	Pinot Blanc	W
Ondarrabi Beltza	Hondarrabi Beltza	R	Pinotsívi	Pinot Gris	G
Onitcani	Onitskanskii Belyi	W	Piriquita	Castelão	R
Oporto	Blauer Portugieser	R	Piros Bakator	Bakator Roz	R
Optima 113	Optima	W	Piros Szlanka	Pamid	R
Orange Muscat	Muscat Fleur d'Oranger	W	Piros Tramini	Savagnin Rose	G
Orbois	Menu Pineau	W	Piros Veltlini	Roter Veltliner	G
Osenii ciornii	Osenii Ciornai	R	Plant Robert, Gamay and Zweigeltrebe	Gamay Noir	R
Ottavianello	Cinsaut	R	Planta Fina	Damaschino	W
Ottonel Muskotály	Muscat Ottonel	W	Plavac Mali Crni	Plavac Mali	R
Pais	Listan Prieto	R	Plavac Zuti	Plavec Žuti	W
Pais - Mission, Criolla	Listan Prieto	R	Plávaie	Plavay	W
Palamino	Palomino Fino	W	Plavec Mali	Plavac Mali	R
Palomino	Palomino Fino	W	Plavec Zuti	Plavec Žuti	W
Palomino Superior	Palomino Fino	W	Plavecmal	Plavac Mali	R
Pameati Negrulea	Pamyati Negrulya	R	Plavina Crna	Plavina	R
Pamiti	Pamid	R	Plavinaerna	Plavina	R
Panse Negro	Trobat	R	Plemenik Bijela	Chasselas	W
Panse Valenciana	Panse Valenciano	W	Plovđina	Pamid	R
Papazkarasi	Papazkarası	R	Podarok of Magarach	Podarok Magaracha	W
Pardina	Cayetana Blanca	W	Poeloeske Muskotaly	Pölöskei Muskotály	W
Parrel Verdal	Trepat	R	Poeloeske Muskotaly	Pölöskei Muskotály	W
Patria	Pátria	W	Poloske	Pölöskei Muskotály	W
Patricia	Patrizia Rosa	R	Poloske	Pölöskei Muskotály	W
Pau Ferro	Parraleta	R	Poloskei Muskotaly	Pölöskei Muskotály	W
Pedevenda	Verdiso	W	Poloskei Muskotaly	Pölöskei Muskotály	W
Pedro	Pedro Ximénez	W	Pölköseki Muskotaly	Pölöskei Muskotály	W
Pedro Gimenez	Pedro Giménez	W	Pölköseki Muskotaly	Pölöskei Muskotály	W
Pedro Gimenez Rio Colorado	Pedro Giménez	W	Pontak	Teinturier	R
Pedro Gimenez Río Colorado	Pedro Giménez	W	Portoghesi	Blauer Portugieser	R
Pedro Jimenez	Pedro Giménez	W	Portugais Bleu	Blauer Portugieser	R
Pedro Jimenez	Pedro Giménez	W	Portugalka	Blauer Portugieser	R
Pedro Luis	Galego Dourado	W	Portugieser Blau	Blauer Portugieser	R
Pedro Ximenes	Pedro Ximénez	W	Portugieser, Blauer	Blauer Portugieser	R
Pedro Ximenez	Pedro Ximénez	W	Portugizac	Blauer Portugieser	R
Pensal Blanco	Prensai	W	Portugues Azul	Blauer Portugieser	R
Periquita	Castelão	R	Portuguese, blue	Blauer Portugieser	R
Perle of Csaba	Csaba Gyöngye	W	Posip Bijeli	Pošip Bijeli	W
Perle von Zala	Zalagyöngye	W	Pozsonyi	Pozsonyi Fehér	W
Perrum	Pedro Ximénez	W	Pozsonyi Feher	Pozsonyi Fehér	W
Pervenec Magaracha	Pervenets Magaracha	W	Precoce De Malingre	Malingre Precoce	W
Pervenet Magaracha	Pervenets Magaracha	W	Prie Blanc	Prie	W
Pervenets of Magarach	Pervenets Magaracha	W	Prie Rouge	Primetta	G
Pervomaiskii	Pervomaisky	R	Primitivo	Tribidrag	R
Petit Courbu Ondarrurizerrat	Petit Courbu	W	Prococce de Colmar	Colmar Precoce Noir	R
Petit Syrah	Durif	R	Prokupec	Prokupac	R
Petite Arvine	Arvine	W	Prugnolo Gentile	Sangiovese	R
Petite Perle	Petite Pearl	R	Quiebratinajas	Quiebratinajas Tinto	R
Petite Sirah	Durif	R	Rabigato Franco	Rabigato	W
Petite Syrah	Durif	R	Rabo de Ovelha Tinto	Negramoll	R
Peverella	Verdicchio Bianco	W	Raboso	Raboso Piave	R

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Raisin Blanc	Servant	W	Sabro	Síria	W
Rajinski Rizling	Riesling	W	Saint Jeannett	Saint Jeannet	W
Rajnai rizling	Riesling	W	Saint Laurent	Sankt Laurent	R
Ramisco Tinto	Ramisco	R	San Francisco	Black Prince	R
Ranina	Blauer Portugieser	R	Sangiovese/ Nielluccio	Sangiovese	R
Rannii Magaracea	Magaracha Rannii	R	Santareno	Santarena	R
Rara Neagra	Bâbească Neagră	R	Sao Saul	Cinsaut	R
Ratinho	Malvasia Fina	W	Saperavi Nothern	Saperavi Severny	R
Rauschling	Räuschling	W	Saperavi Severnii	Saperavi Severny	R
Rebula	Ribolla Gialla	W	Sapere Otschanuri	Otschanuri Sapere	R
Red Hanepoot	Muscat of Alexandria (R)	W	Sarba	Şarbă	W
Red Veltliner	Roter Veltliner	G	Sarfehér	Sárfehér	W
Refosco Nostrano	Refosco di Faedis	R	Sárga Muskotály	Muscat Blanc à Petits Grains	W
Refosk	Refosco	R	Sarigo	Cayetana Blanca	W
Refošk	Refosco	R	Sauvignon	Sauvignon Blanc	W
Refren	Refrén	W	Sauvignon B.	Sauvignon Blanc	W
Regina	Afus Ali	W	Sauvignon Blanca	Sauvignon Blanc	W
Regina dei Vigneti	Königin der Weingärten	W	Sauvignon Blanco	Sauvignon Blanc	W
Regina viilor	Königin der Weingärten	W	Sauvignon Gris	Sauvignon Blanc (G)	W
Renski Rizling	Riesling	W	Sauvignon Gris	Sauvignon Blanc (G)	W
Rèze	Riesling	W	Sauvignon Musque	Sauvignon Blanc	W
Rheine Riesling	Riesling	W	Sauvignon Rose	Sauvignon Blanc (G)	W
Rheinriesling	Riesling	W	Sauvignon Rose	Sauvignon Blanc (G)	W
Rieslina (Inta C.G. 38049)	Rieslina	W	Sauvignon Soyières (VB 32-7)	VB 32-7	W
Riesling de Rhin	Riesling	W	Sauvignon Vert	Sauvignonasse	W
Riesling Italian	Graševina	W	Savagnin	Savagnin Blanc	W
Riesling Italico	Graševina	W	Savagnin	Savagnin Blanc	W
Riesling Lion	Riesling	W	Savagnin Blanc/Heida	Savagnin Blanc	W
Riesling Renan	Riesling	W	Savvatiano	Savatiano	W
Riesling Renano	Riesling	W	Schonburger	Schönburger	G
Riesling Trollinger	Kerner	W	Schwarzriesling	Pinot Meunier	R
Riesling Weisser	Riesling	W	Sciacarello	Mammolo	R
Riesling-Weißer	Riesling	W	Seibel 2 (seibeito)	Seibel	R
Riesling-Lion	Riesling	W	Seleções	Select	W
Riesling Renan	Riesling	W	Semigion	Sémillon	W
Riesling Renano	Riesling	W	Semilao	Sémillon	W
Riesling Trollingen	Kerner	W	Semilion	Sémillon	W
Riesling Weisser	Riesling	W	Semillon	Sémillon	W
Rieslingszilváni	Müller-Thurgau	W	Senso	Cinsaut	R
Rizvanac	Müller-Thurgau	W	Sentlovrenka	Sankt Laurent	R
Rkaciteli	Rkatsiteli	W	Serbina	Douce Noire	R
Rkativeli	Rkatsiteli	W	Serdan	Sheridan	R
Rkajiteli	Rkatsiteli	W	Servagnin	Pinot Noir	R
Rkatziteli	Rkatsiteli	W	Seyval	Seyval Blanc	W
Roal	Rual	R	Seyval (Blanc)	Seyval Blanc	W
Robal	Cayetana Blanca	W	Seyval Blanc and Vidal 256	Seyval Blanc	W
Roditis (Red)	Roditis (R)	G	Seyve Villard	Seyval Blanc	W
Rodo	Tinta do Rodo	R	Seyve Villard 12375	Villard Blanc	W
Roesler	Rösler	R	Seyve Villard 5276	Seyval Blanc	W
Rombola	Robola	W	Seyve Willard (Tinta)	Seyval Noir	R
Rome Tinto	Rome	R	Shiraz	Syrah	R
Rosciola rose	Rosciola	G	Shiroka Melnishka Loza	Shiroka Melnishka	R
Roseira	Tinta Roseira	R	Siegfried	Siegfriedrebe	W
Roseti	Afus Ali	W	Silvanac Zeleni	Silvaner	W
Rosioara	Pamid	R	Silvaner Grun	Silvaner	W
Rošioară	Pamid	R	Silvaner, Blauer	Silvaner (R)	W
Rossara	Rossara Trentina	R	Silvaner, Grüner	Silvaner	W
Roter Eyholzer	Eyholzer Rote	R	Silvanske Zelene	Silvaner	W
Roter Muskateller	Muscat of Hamburg	R	Sipelj	Furmint	W
Roter Räuschling	Räuschling	W	Sipon	Furmint	W
Roter Silvaner	Silvaner (R)	W	Šipon	Furmint	W
Roupeiro Branco	Síria	W	Sira (falsa)	Syrah	R
Rousanne	Roussanne	W	Sirah	Syrah	R
Roxo Flor	Roxo de Vila Flor	R	Siria	Síria	W
Royal	Perruno	W	Sivi Pinot	Pinot Gris	G
Rozalia	Rozala Bianca	W	SK 90-2/19 (Pannonija)	Panonia	W
Rozália	Rozala Bianca	W	Skrlet	Škrlet	W
Rozsakoe	Rózsakő	W	Slarina	Cellerina	R
Rubi Cabernet	Ruby Cabernet	R	Smederevka	Dimyat	W
Rubin Tairovski	Rubin Tairovsky	R	Solaris (FR 240-75)	Solaris	W
Ruby Magaracha	Rubinov Magaracha	R	Somerset	Somerset Seedless	R
Ruby of Goldryga	Rubin Golodrigi	R	Soreli (UD-31.113)	Soreli	W
Rulander	Pinot Gris	G	Soultanina	Sultaniye	W
Ruländer (Burgunder, Grauer)	Pinot Gris	G	Sousao	Vinhao	R
Rulandske Bile	Pinot Blanc	W	Souson	Vinhao	R
Rulandske Modre	Pinot Noir	R	Souvignier Gris (FR 392-83)	Souvignier Gris	G
Rulandske Sede	Pinot Gris	G	Souzao	Vinhao	R
Rumeni Muskat	Muscat Blanc à Petits Grains	W	Sovereign, Coronation, etc.	Sovereign Coronation	R
Rumeni Muškat	Muscat Blanc à Petits Grains	W	Spätburgunder, Blauer (einschl.)	Spätburgunder, Blauer (einschl.)	
Rumeni Plavec	Plavec Žuti	W	Samtrot)	Pinot Noir	R
Ruzica Crvena	Kövidinka	G	St. Laurent	Sankt Laurent	R
Ružičacrvna	Kövidinka	G	St. Emilion	Trebbiano Toscano	W
Ryzlink Rynsky	Riesling	W	Stanushina	Stanušina Crna	R
Ryzlink Vlaky	Graševina	W	Stanušina	Stanušina Crna	R
S. Mamede	Sao Mamede	W	Stepniak	Stepnyak	W
S.V. 23-512	Seyve Villard 23-512	R	Sugra Five	Sugrafive	W
Saborinho	Negramoll	R	Suholimanski belii	Suholimansky Bely	W
			Suholimanski White	Suholimansky Bely	W

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)	Synonym	Prime	Colour (of prime)
Suholimenschii Belii	Sukholimansky Bely	W	Traminer Rot	Gewürztraminer	W
Sukholimansky	Sukholimansky Bely	W	Traminer Roz	Gewürztraminer	W
Sultana	Sultaniye	W	Traminer, Roter	Gewürztraminer	W
Sultanina	Sultaniye	W	Tramini	Gewürztraminer	W
Svatovavrinecke	Sankt Laurent	R	Trbjan Bijeli	Trbjan	W
Sylvaner	Silvaner	W	Trebbiano	Trebbiano Toscano	W
Sylvaner Verde	Silvaner	W	Trebbiano Abruzzese	Trebbiano d'Abruzzo	W
Sylvaner/Rhin	Silvaner	W	Trebbiano di Soave	Verdicchio Bianco	W
Sylvanske Zelene	Silvaner	W	Trebbiano Toscana	Trebbiano Toscano	W
Syrach	Syrah	R	Trebbiano Toscano / Ugni blanc	Trebbiano Toscano	W
Szentlorinc	Sankt Laurent	R	Trebbiano Toscano Ugni blanc	Trebbiano Toscano	W
Szentlörinc	Sankt Laurent	R	Treixadura	Trajadura	W
Szeremi Zold	Sremska Zelenika	W	Trigueira	Malvasia Trigueira	R
Szerémi Zöld	Sremska Zelenika	W	Trincadeira Branca	Trincadeiro Branco	W
Szürkebarát	Pinot Gris	G	Trincadeira Preta	Trincadeira	R
Tabriz	Tebrizi	W	Trinçadeira	Trinçadeira	R
Talia	Trebbiano Toscano	W	Triomphe d'Alsace	Triomphe	R
Taltos	Tállos	W	Trollinger	Schiava Grossa	R
Tamaioasa Romaneasca	Muscat Blanc à Petits Grains	W	Trousseau Gris	Trousseau	R
Tamaioasa Romaneasca	Muscat Blanc à Petits Grains	W	Trousseau Noir	Trousseau	R
Tâmâiosă românească	Muscat Blanc à Petits Grains	W	Tschaggele	Schiava Grossa	R
Tamioasa Romaneasca	Muscat Blanc à Petits Grains	W	Tschaggele Tetra	Tskhvedianis Tetra	W
Tannat (Harrigau)	Tannat	R	Tsvetochny (Floral)	Tsvetochny	W
Tauberschwarz (Hängling, Blauer)	Tauberschwarz	R	Tsvetochny (Flowery)	Tsvetochny	W
Tempranika	Muscat Blanc à Petits Grains	W	Tsymlyansky Black	Tsimlyansky Cherny	R
Tempranillo Blanco	Tempranillo (W)	R	Turan	Turán	R
Tempranillo Tinto	Tempranillo	R	Turca	Douce Noire	R
Teran	Terrano	R	UD-31.103	UD 31103	R
Termarina	Termarina Rossa	G	UD-31.120	DU 31120	R
Terret Blanc	Terret	W	UD-31.125	Merlot Khorus	R
Teta de Vaca	Beba	W	UD-32.078	Carbernet Volos	R
Thompson Seedless	Sultaniye	W	Ugni	Trebbiano Toscano	W
Tinta	Trousseau	R	Ugni blanc	Trebbiano Toscano	W
Tinta Amarela	Trincadeira	R	Ugni Blanc (Trebbiano Toscana)	Trebbiano Toscano	W
Tinta Amarella	Trincadeira	R	Urreti	Urréti	W
Tinta Aurelio	Tinto do Aurelio	R	Uva Di Troia	Nero di Troia	R
Tinta Bastardinha	Alfrocheiro	R	Uvina	Pecorino	W
Tinta Caizada	Parraleta	R	V 53	Vineyard 53035	W
Tinta Cao	Tinto Cão	R	Valdiguié	Valdiguié	R
Tinta Fontes	Graciano	R	Valdosa	Tinta Valdosa	R
Tinta Gorda	Juan García	R	Valenci	Damaschino	W
Tinta Lameira	Parraleta	R	Valenciana Blanca	Síria	W
Tinta Lisboa	Trousseau	R	Valency	Teneron	R
Tinta Madeira	Negramoll	R	Valensi	Valensi du Maroc	W
Tinta Miuda	Graciano	R	Valente	Brancos Valente	W
Tinta Molle	Negramoll	R	Valveirinho	Valveirinha	W
Tinta Negra	Negramoll	R	Varejoa	Tinta Varejoa	R
Tinta Porto Santo	Tinta de Porto Santo	R	VB 85-1	Millot-Foch	R
Tinta Roriz	Tempranillo	R	VB 91-26-17	Cabernet	R
Tintilia	Tintilia del Molise	R	VB 91-26-29	Satin Noir	R
Tintilla de Rota	Graciano	R	VB Cal 1-15	Blattner Cal 1-15	R
Tintinha	Petit Bouschet	R	VB Cal 1-20	Blattner Cal 1-20	R
Tinto Basto	Garnacha Tinta	R	VB Cal 1-22	Blattner Cal 1-22	R
Tinto Cao	Tinto Cão	R	VB Cal 1-28	Blattner Cal 1-28	R
Tinto de la Pampa Blanca	Tinto Velasco	R	VB Cal 1-36	Blattner Cal 1-36	R
Tinto de Toro	Tempranillo	R	VB Cal 6-04	Sauvignac	W
Tinto Pegoes	Tinta de Pegoes	R	Veltliner Grun	Grüner Veltliner	W
Tinto Velasco, Frasco	Tinto Velasco	R	Veltliner, Grüner	Grüner Veltliner	W
Tintoreras	Alicante Henri Bouschet	R	Veltinske Cervene Rane	Friulano Veltliner	R
Tintoria	Rubired	R	Veltinske Cervene Skore	Friulano Veltliner	R
Tocai	Sauvignonasse	W	Veltinske Zelene	Grüner Veltliner	W
Tocai Friulano	Sauvignonasse	W	Vendedor	Boal Vendedor	W
Tocai Rosso	Garnacha Tinta	R	Venus	Vénus	R
Torontel	Torrontés Riojano	W	Verdealbara	Erbamat	W
Torrentes	Malvasia Fina	W	Verdejo Blanco	Verdejo	W
Torrontés Mendocino	Torrontes Mendocino	W	Verdejo Negro	Trousseau	R
Torrentes Riojano	Torrontés Riojano	W	Verdial Branco	Verdial	W
Torrentes Sanjuanino	Torrontés Sanjuanino	W	Verdicchio	Verdicchio Bianco	W
Touriga	Touriga Nacional	R	Verdot	Petit Verdot	R
Touriga Francesa	Touriga Franca	R	Verduzzo	Verduzzo Friulano	W
Touriga Nacional N	Touriga Nacional	R	Vermejuela	Marmajuelo	W
Touriga National	Touriga Nacional	R	Vermentino B	Vermentino	W
Tramin Cerveny	Gewürztraminer	W	Vermentino Nero	Vermentino Nero	R
Traminac Bijeli	Savagnin Blanc	W	Vernaccia	Vernaccia di Oristano	W
Traminac Crveni	Gewürztraminer	W	Vernaccia Nera	Garnacha Tinta	R
Traminec	Savagnin Blanc	W	Vernaccia Nera Grossa	Garnacha Tinta	R
Traminec Bel	Savagnin Blanc	W	Vernaccina Nero	Garnacha Tinta	R
Traminer	Gewürztraminer	W	Vermatsch	Schiava Grossa	R
Traminer	Savagnin Blanc	W	Vértes Csillaga	Vertes Csillaga	W
Traminer Aromatico	Gewürztraminer	W	Vidal Blanc	Vidal	W
Traminer Rose	Gewürztraminer	W	Vidal 256	Vidal	W
Traminer rosse	Gewürztraminer	W	Vidal Blanc	Vidal	W

Table 15 (cont.): Synonyms and their prime variety and colour

Synonym	Prime	Colour (of prime)
Vidal Red	Vidal Noir	R
Vidau	Miguel del Arco	R
Vijiriego	Vijiriego	W
Vijiriego Negro	Sumoll	R
Viktoria Gyongye	Viktória Gyöngye	W
Viktorija	Victoria	W
Viognier	Viognier	W
Viorica	Viorika	W
Vitouska	Vitovska	W
Viura	Macabeo	W
Vörös Dinka	Kövidinka	G
Voskehat	Voskeat	W
Vranec	Vranac	R
Waltham Cross	Afus Ali	W
Weissburgunder	Pinot Blanc	W
Weißburgunder	Pinot Blanc	W
Weisser Burgunder	Pinot Blanc	W
Welschriesling	Graševina	W
White Riesling	Riesling	W
Wildbacher	Blauer Wildbacher	R
Wurzer	Würzer	W
Xarello Blanco	Xarello	W
Xinomavro (White)	Xinomavro (W)	R
Xynomavro	Xinomavro	R
Zala Dende	Zalagyöngye	W
Zala Gyoengye	Zalagyöngye	W
Zala Gyöngye	Zalagyöngye	W
Zalagyongye	Zalagyöngye	W
Zametovka	Žametovka	R
Zefir	Zefir	W
Zeleni Sauvignon	Sauvignonasse	W
Zeleni Silvanec	Silvaner	W
Zengo	Zengő	W
Zenith	Zenit	W
Zeta	Zéta	W
Zeus	Zeusz	W
Zghihara de Husi	Zghihară de Huși	W
Zibibbo	Muscat of Alexandria	W
Zilavka	Žilavka	W
Zinfandel	Tribidrag	R
Zlahtina	Žlahtina	W
Zold Szagos	Pecsi Szagos	W
Zöld Szagos	Pecsi Szagos	W
Zold Szilvani	Silvaner	W
Zöld szilváni	Silvaner	W
Zöld Veltelini	Grüner Veltliner	W
Zoumiatiko	Dimyat	W
Zupjanka	Župljanka	W
Zupljanka	Župljanka	W
Zweigelt, Blauer	Zweigelt	R
Zweigeltrebe	Zweigelt	R

Table 16: Shares of national winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Canada</i>	<i>Chile</i>
<i>Country of origin↓</i>									
Algeria									
Argentina		42.0							0.1
Armenia			32.9						
Australia				0.1					
Austria		0.0			64.3				
Azerbaijan									
Belgium									
Brazil		0.0							
Bulgaria						36.1			
Canada									
Chile								0.1	
China									
Croatia		0.0			8.9	1.7	3.8		0.1
Cyprus									
France	55.0	39.4		74.3	9.9	15.4	30.4	60.7	68.9
Georgia			22.0				9.8		
Germany		0.1		2.8	12.0	0.3	1.7	8.5	0.4
Greece		8.2	4.7	3.0	0.3	1.5			
Hungary		0.0			0.0		2.3		
Israel									
Italy		4.6		0.9		1.3	1.9		0.1
Japan									
Kazakhstan					0.3				
Lebanon									
Moldova									
Morocco		0.2							
Peru									
Portugal		0.0		1.0					3.8
Romania									
Russia		0.1							
Serbia									
Slovenia					0.8				
South Africa									
Spain	45.0	3.6		2.8					16.0
Switzerland									0.4
Thailand									
Turkey				7.9					
Ukraine						3.9			
United Kingdom		0.0				0.5			
United States		1.8		1.9		60.3	3.2	18.6	
Uzbekistan									
Unknown origin & other varieties		0.0	40.4	5.0	3.8	19.5	6.5	12.2	10.3
<b>Old World subtotal</b>	<b>100.0</b>	<b>56.2</b>	<b>59.6</b>	<b>93.0</b>	<b>96.2</b>	<b>20.2</b>	<b>89.9</b>	<b>69.2</b>	<b>89.6</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>43.8</b>	<b>0.0</b>	<b>2.0</b>	<b>0.0</b>	<b>60.3</b>	<b>3.6</b>	<b>18.6</b>	<b>0.2</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 16 (cont.) Shares of national winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>	<i>Greece</i>	<i>Hungary</i>	<i>Israel</i>
→									
<u>Country of origin↓</u>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	2.0		40.0	0.3		12.6		15.4	
Azerbaijan									
Belgium									
Brazil									
Bulgaria						0.2	0.1		
Canada									
Chile									
China									
Croatia	63.0		11.0	0.0				7.7	
Cyprus		75.0							
France	2.0		5.0	61.3	1.3	16.8	2.5	9.1	46.3
Georgia					92.0				
Germany			21.0	0.7		66.2		5.6	
Greece				1.2		0.1	80.9	1.8	4.2
Hungary				0.0				23.6	
Israel									4.2
Italy				11.0		2.4	1.5		
Japan									
Kazakhstan									
Lebanon									
Moldova								1.1	
Morocco									
Peru									
Portugal									
Romania								0.7	
Russia									
Serbia									
Slovenia									
South Africa									
Spain				25.1		0.1		20.0	
Switzerland				0.1		1.1		2.2	
Thailand									
Turkey									
Ukraine									
United Kingdom				0.1					
United States				0.0					7.1
Uzbekistan									
Unknown origin & other varieties	33.0	25.0	23.0	0.2	6.7	0.8	14.9	32.7	18.3
<b>Old World subtotal</b>	<b>67.0</b>	<b>75.0</b>	<b>77.0</b>	<b>99.7</b>	<b>93.3</b>	<b>99.2</b>	<b>85.1</b>	<b>67.3</b>	<b>74.7</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.1</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 16 (cont.) Shares of national winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Italy</i>	<i>Korea, Rep.</i>	<i>Luxembourg</i>	<i>Moldova</i>	<i>Morocco</i>	<i>New Zealand</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>
<u>Country of origin↓</u>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	0.1		0.1	0.1		0.2			
Azerbaijan									
Belgium									
Brazil									
Bulgaria				0.0					
Canada									
Chile									
China									
Croatia	2.1						6.8		
Cyprus									
France	11.9		39.8	61.6	10.2	84.1	1.7	18.0	14.3
Georgia				13.6				0.2	25.0
Germany	0.3		60.1	4.7		11.5		0.2	2.4
Greece	2.2			0.2	7.4		0.9	0.5	
Hungary	1.8			0.0				7.0	
Israel									
Italy	77.0						0.9		
Japan		74.1							
Kazakhstan									
Lebanon	0.2								
Moldova				4.9				8.7	
Morocco					38.2				
Peru									
Portugal							56.8		
Romania				0.1				3.0	
Russia				0.0					2.2
Serbia									
Slovenia									
South Africa					0.7				
Spain	1.5				12.1	0.2	6.1		
Switzerland	0.0					0.3			
Thailand									
Turkey									
Ukraine				1.9					4.2
United Kingdom	0.0								
United States		11.1		12.8		0.1			
Uzbekishtan				0.1					
Unknown origin & other varieties	2.7	14.8			32.2	3.0	33.5	62.6	44.8
<b>Old World subtotal</b>	<b>97.3</b>	<b>0.0</b>	<b>100.0</b>	<b>87.2</b>	<b>67.8</b>	<b>96.2</b>	<b>66.5</b>	<b>37.4</b>	<b>55.2</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>85.2</b>	<b>0.0</b>	<b>12.8</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 16 (cont.) Shares of national winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>	<i>South Africa</i>	<i>Spain</i>	<i>Switzerl and</i>	<i>Taiwan</i>	<i>Tunisia</i>	<i>UK</i>
<i>Country of origin↓</i>									
Algeria					0.0				
Argentina									
Armenia									
Australia									
Austria		33.0			0.0	1.4			12.0
Azerbaijan									
Belgium					0.0				
Brazil									
Bulgaria									
Canada									
Chile									
China									
Croatia	48.0	25.0	15.2	0.0	0.2			2.0	
Cyprus									
France		9.0	16.9	79.5	2.4	53.9		14.0	24.2
Georgia									
Germany		12.0		1.1	0.0	5.1			37.8
Greece				5.5	0.5	0.3			
Hungary				0.3					
Israel				0.2					
Italy			10.2	0.2	0.1	0.6	4.0	5.0	
Japan							54.0		
Kazakhstan									
Lebanon					0.0				
Moldova		2.0							
Morocco									
Peru									
Portugal				0.9	1.0				
Romania		2.0							
Russia									
Serbia		22.0							
Slovenia									
South Africa				7.7					
Spain				1.9	86.2			59.0	
Switzerland	5.0				0.0	37.4			
Thailand									
Turkey					0.0				
Ukraine									
United Kingdom	4.0				0.0				
United States				2.6	0.0		42.0		
Uzbekistan									
Unknown origin & other varieties	21.0	17.0	57.7	0.1	9.6	1.3		20.0	26.0
<b>Old World subtotal</b>	<b>75.0</b>	<b>83.0</b>	<b>42.3</b>	<b>89.6</b>	<b>90.4</b>	<b>98.7</b>	<b>4.0</b>	<b>80.0</b>	<b>74.0</b>
<b>New World subtotal</b>	<b>4.0</b>	<b>0.0</b>	<b>0.0</b>	<b>10.2</b>	<b>0.0</b>	<b>0.0</b>	<b>96.0</b>	<b>0.0</b>	<b>0.0</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 16 (cont.) Shares of national winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>USA</i>	<i>Uruguay</i>	<i>Missing 9</i>	<i>Old World</i>	<i>New World</i>	<i>World</i>
<i>Country of origin↓</i>						
Algeria				<b>0.0</b>		<b>0.0</b>
Argentina			0.0		<b>10.4</b>	<b>1.7</b>
Armenia			0.2	<b>0.1</b>		<b>0.1</b>
Australia					<b>0.0</b>	<b>0.0</b>
Austria	0.0		0.5	<b>1.8</b>	<b>0.0</b>	<b>1.5</b>
Azerbaijan			0.6			<b>0.0</b>
Belgium				<b>0.0</b>		<b>0.0</b>
Brazil					<b>0.0</b>	<b>0.0</b>
Bulgaria				<b>0.9</b>		<b>0.7</b>
Canada	0.0				<b>0.0</b>	<b>0.0</b>
Chile					<b>0.0</b>	<b>0.0</b>
China			0.0			<b>0.0</b>
Croatia	10.6			<b>3.1</b>	<b>2.5</b>	<b>3.0</b>
Cyprus				<b>0.3</b>		<b>0.3</b>
France	65.9	54.9	55.2	<b>21.1</b>	<b>58.7</b>	<b>27.8</b>
Georgia			14.8	<b>1.8</b>		<b>1.7</b>
Germany	1.5		4.1	<b>2.5</b>	<b>1.3</b>	<b>2.4</b>
Greece	1.4		1.4	<b>2.0</b>	<b>3.6</b>	<b>2.3</b>
Hungary				<b>1.0</b>	<b>0.0</b>	<b>0.8</b>
Israel				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Italy	3.8		1.1	<b>14.9</b>	<b>2.3</b>	<b>12.6</b>
Japan			0.7		<b>0.7</b>	<b>0.1</b>
Kazakhstan			0.3			<b>0.0</b>
Lebanon				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Moldova			0.1	<b>0.6</b>		<b>0.5</b>
Morocco				<b>0.5</b>	<b>0.0</b>	<b>0.4</b>
Peru			0.3			<b>0.0</b>
Portugal	0.0			<b>3.2</b>	<b>0.8</b>	<b>2.8</b>
Romania				<b>0.2</b>		<b>0.2</b>
Russia				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Serbia				<b>0.4</b>		<b>0.3</b>
Slovenia				<b>0.0</b>		<b>0.0</b>
South Africa					<b>0.9</b>	<b>0.1</b>
Spain	4.9		2.0	<b>32.1</b>	<b>4.9</b>	<b>27.2</b>
Switzerland				<b>0.3</b>	<b>0.1</b>	<b>0.3</b>
Thailand			0.0			<b>0.0</b>
Turkey			8.1	<b>0.0</b>	<b>1.3</b>	<b>0.3</b>
Ukraine			6.1	<b>0.2</b>		<b>0.3</b>
United Kingdom	0.0	32.5		<b>0.1</b>	<b>0.4</b>	<b>0.1</b>
United States	11.1		3.1	<b>0.4</b>	<b>7.9</b>	<b>1.7</b>
Uzbekishtan				<b>0.0</b>		<b>0.0</b>
Unknown origin & other varieties	0.6	12.6	1.3		<b>12.3</b>	<b>4.2</b>
<b>Old World subtotal</b>	<b>88.3</b>	<b>54.9</b>	<b>94.6</b>	<b>87.2</b>	<b>75.6</b>	<b>85.4</b>
<b>New World subtotal</b>	<b>11.1</b>	<b>32.5</b>	<b>4.0</b>	<b>0.5</b>	<b>20.2</b>	<b>3.8</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 17: Shares of national winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Canada</i>	<i>Chile</i>
<i>Country of origin ↓</i>									
Algeria									
Argentina		35.7							0.5
Armenia			32.9						
Australia				0.0	0.0				
Austria		0.0			62.9	0.0		0.5	0.0
Azerbaijan									
Brazil		0.1				3.2			
Bulgaria							30.5		
Canada								0.2	
Chile									0.0
China									0.0
Croatia		0.0		0.1	7.6	0.4		0.1	0.1
Cyprus									
Czechia									
France	55.0	50.1		88.5	14.9	31.1	44.0	77.3	93.4
Georgia			22.0				5.6		
Germany		0.1		3.3	10.1	0.0	1.3	15.1	0.6
Greece		6.1	4.7	1.8	1.1	2.0			1.0
Hungary		0.0			0.0	0.0	1.0	0.0	
Israel									
Italy		3.7		0.8		1.5	1.3	0.1	0.2
Japan						0.0			
Kazakhstan									
Lebanon									
Moldova									
Montenegro									
Morocco		0.1							
Peru									
Portugal		0.0		1.0		0.2		0.1	0.0
Romania									
Russia								0.0	
Serbia									
Slovakia									
Slovenia					0.5				
South Africa						0.2		0.1	
Spain	45.0	4.0		1.9		0.0		0.1	4.0
Switzerland						0.0		0.7	0.1
Thailand									
Turkey				0.3					
Ukraine									
United Kingdom		0.0							
United States		0.2		0.6		57.1		4.4	
Uzbekistan									
Unknown origin & other varieties		0.0	40.4	1.6	2.9	4.2	16.4	1.4	0.1
<b>Old World subtotal</b>	<b>100.0</b>	<b>64.0</b>	<b>59.6</b>	<b>97.7</b>	<b>97.1</b>	<b>35.3</b>	<b>83.6</b>	<b>94.0</b>	<b>99.4</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>35.9</b>	<b>0.0</b>	<b>0.7</b>	<b>0.0</b>	<b>60.4</b>	<b>0.0</b>	<b>4.7</b>	<b>0.5</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 17 (cont.) Shares of national winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>China</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>Ethiopia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>	<i>Greece</i>
<i>Country of origin ↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	4.2		37.3		0.2		11.7	0.0	
Azerbaijan									
Brazil									
Bulgaria	0.0							0.1	
Canada									
Chile									
China									
Croatia	52.2		7.1		0.0				
Cyprus		69.2							
Czechia			6.9					0.0	
France	98.3	15.8	11.7	25.1	31.9	66.5	1.3	25.8	8.1
Georgia		0.3					92.0		
Germany	1.5	4.7		21.4		0.8		58.0	0.0
Greece		0.3	2.5			1.3		0.2	73.4
Hungary		1.2		0.4		0.0			
Israel									
Italy	4.6				53.2	10.7		2.4	0.6
Japan									
Kazakhstan						0.0			
Lebanon									
Moldova									
Montenegro	0.7								
Morocco									
Peru									
Portugal									
Romania									
Russia	0.3								
Serbia	0.2								
Slovakia									
Slovenia	0.6								
South Africa									
Spain	0.0	0.8	8.6			19.0			1.3
Switzerland		0.1				0.3		1.1	
Thailand									
Turkey			4.3		2.5	0.0			
Ukraine				0.1					
United Kingdom		0.1				0.4		0.1	
United States	0.1	0.4			12.3	0.0			
Uzbekistan									
Unknown origin & other varieties	13.7	3.7	1.8		0.8	6.7	0.8	16.6	
<b>Old World subtotal</b>	<b>99.9</b>	<b>85.8</b>	<b>96.3</b>	<b>98.2</b>	<b>87.7</b>	<b>98.8</b>	<b>93.3</b>	<b>99.1</b>	<b>83.4</b>
<b>New World subtotal</b>	<b>0.1</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>12.3</b>	<b>0.4</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 17 (cont.) Shares of national winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Hungary</i>	<i>Israel</i>	<i>Italy</i>	<i>Japan</i>	<i>Kazakhstan</i>	<i>Korea, Rep.</i>	<i>Luxembourg</i>	<i>Mexico</i>	<i>Moldova</i>
<i>Country of origin ↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	19.1		0.1	6.2					0.1
Azerbaijan						9.7			
Brazil									
Bulgaria		0.1							0.0
Canada									
Chile									
China									
Croatia	6.7		3.2						
Cyprus									
Czechia									
France	21.8	46.3	17.9	52.5		7.7		46.6	39.7
Georgia						57.4			13.6
Germany	4.9		0.5	14.5		1.6		53.3	4.7
Greece	1.0	4.2	2.1			3.7		4.5	0.2
Hungary	37.5		2.7						0.0
Israel		4.2							
Italy	0.0		68.5						3.3
Japan				19.9		74.1			
Kazakhstan						5.6			
Lebanon			0.1						
Moldova						1.6			4.9
Montenegro									
Morocco									
Peru									
Portugal		0.1							
Romania		0.1							0.1
Russia									0.0
Serbia		0.0							
Slovakia									
Slovenia		0.0							
South Africa									
Spain		20.0	1.4					16.9	
Switzerland		2.7		0.0					
Thailand									
Turkey								15.4	
Ukraine		0.0				0.0			1.9
United Kingdom		0.0		0.0					
United States		7.1		6.8		0.1	11.1		8.7
Uzbekistan									0.1
Unknown origin & other varieties	5.9	18.3	3.5		12.7	14.8	0.1	11.4	
<b>Old World subtotal</b>	<b>94.1</b>	<b>74.7</b>	<b>96.4</b>	<b>73.3</b>	<b>87.2</b>	<b>0.0</b>	<b>99.9</b>	<b>79.8</b>	<b>87.2</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>7.1</b>	<b>0.0</b>	<b>26.7</b>	<b>0.1</b>	<b>85.2</b>	<b>0.0</b>	<b>8.7</b>	<b>12.8</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 17 (cont.) Shares of national winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Morocco</i>	<i>Myanmar</i>	<i>New Zealand</i>	<i>Peru</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>
<i>Country of origin ↓</i>							
Algeria				0.2			
Argentina							
Armenia							
Australia							
Austria			0.0	7.6	0.0	0.5	
Azerbaijan							
Brazil						1.7	1.9
Bulgaria							
Canada							
Chile							
China			0.1			0.7	
Croatia			0.0			4.4	
Cyprus							
Czechia							
France	10.3	80.2	91.9	2.2	9.7	19.9	42.0
Georgia						0.2	5.5
Germany			4.6		0.0	0.2	3.9
Greece	7.5	9.5		9.4	0.8	0.5	0.6
Hungary						0.1	14.8
Israel							
Italy			0.1	29.4	0.8	0.1	0.3
Japan							
Kazakhstan							
Lebanon							
Moldova						8.9	4.2
Montenegro							
Morocco	38.6				8.8		
Peru							
Portugal			0.0		72.2	0.0	
Romania						11.7	
Russia						0.0	11.5
Serbia						0.0	
Slovakia							
Slovenia							
South Africa			0.2				
Spain	12.2	10.3	0.1	32.9	15.5	0.0	
Switzerland			0.0		0.1		0.1
Thailand							
Turkey			0.4				
Ukraine							12.3
United Kingdom							0.7
United States			0.0	9.1			0.6
Uzbekistan							
Unknown origin & other varieties	31.4		3.1		0.8	51.7	0.9
<b>Old World subtotal</b>	<b>68.6</b>	<b>100.0</b>	<b>96.6</b>	<b>81.9</b>	<b>99.2</b>	<b>48.3</b>	<b>97.1</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>18.1</b>	<b>0.0</b>	<b>0.0</b>	<b>2.0</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 17 (cont.) Shares of national winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>	<i>South Africa</i>	<i>Spain</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Thailand</i>	<i>Tunisia</i>
<i>Country of origin ↓</i>									
Algeria					0.0				
Argentina									
Armenia									
Australia									
Austria	39.1	4.2					1.8		
Azerbaijan									
Brazil									
Bulgaria									
Canada									
Chile									
China									
Croatia	48.0	13.1	20.0	0.0	0.1				2.0
Cyprus									
Czechia	3.7								
France	14.8	31.5		85.2	9.2	55.8		66.2	14.0
Georgia									
Germany	14.3	4.1		0.4	0.0	5.1		1.3	
Greece	0.4	2.2		3.2	0.9	0.3		2.2	
Hungary	4.9	4.0		0.1		0.0			
Israel				0.0					
Italy		13.3		0.2	0.1	1.8	4.0	1.4	5.0
Japan							54.0	11.4	
Kazakhstan									
Lebanon					0.0				
Moldova	1.7	0.4							
Montenegro									
Morocco									
Peru					0.0				
Portugal				0.6	1.1				
Romania	1.8								
Russia									
Serbia	22.0								
Slovakia		1.4							
Slovenia	0.0		5.6						
South Africa				6.9					
Spain				1.0	86.8			6.7	59.0
Switzerland	5.0				0.0	33.9			
Thailand								10.9	
Turkey									
Ukraine	1.9								
United Kingdom	4.0				0.0				
United States				2.3	0.0		42.0		
Uzbekistan									
Unknown origin & other varieties	21.0	2.9	14.8	0.0	1.9	1.3			20.0
<b>Old World subtotal</b>	<b>75.0</b>	<b>97.1</b>	<b>85.2</b>	<b>90.7</b>	<b>98.1</b>	<b>98.7</b>	<b>4.0</b>	<b>77.7</b>	<b>80.0</b>
<b>New World subtotal</b>	<b>4.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9.2</b>	<b>0.0</b>	<b>0.0</b>	<b>96.0</b>	<b>22.3</b>	<b>0.0</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 17 (cont.) Shares of national winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Turkey</i>	<i>Ukraine</i>	<i>UK</i>	<i>USA</i>	<i>Uruguay</i>	<i>Old</i>	<i>New</i>	
						<i>World</i>	<i>World</i>	
<i>Country of origin ↓</i>								
Algeria						<b>0.0</b>	<b>0.0</b>	
Argentina							<b>8.0</b>	<b>1.7</b>
Armenia		0.5				<b>0.1</b>	<b>0.1</b>	
Australia							<b>0.0</b>	<b>0.0</b>
Austria			0.1	0.0		<b>1.9</b>	<b>0.1</b>	<b>1.5</b>
Azerbaijan						<b>0.0</b>		<b>0.0</b>
Brazil							<b>0.2</b>	<b>0.0</b>
Bulgaria						<b>0.6</b>	<b>0.4</b>	
Canada				0.0			<b>0.0</b>	<b>0.0</b>
Chile							<b>0.0</b>	<b>0.0</b>
China						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Croatia				8.7		<b>2.4</b>	<b>2.1</b>	<b>2.3</b>
Cyprus						<b>0.2</b>		<b>0.1</b>
Czechia						<b>0.0</b>		<b>0.0</b>
France	32.7	48.2	57.5	70.9	58.9	<b>28.3</b>	<b>71.5</b>	<b>37.3</b>
Georgia		25.0				<b>2.2</b>		<b>1.8</b>
Germany	0.0	7.0	42.3	2.6	0.5	<b>2.6</b>	<b>1.7</b>	<b>2.4</b>
Greece	0.9	1.3		0.9	0.1	<b>2.3</b>	<b>2.5</b>	<b>2.3</b>
Hungary						<b>1.3</b>	<b>0.0</b>	<b>1.1</b>
Israel						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Italy	0.1			2.0	10.3	<b>14.4</b>	<b>1.8</b>	<b>11.8</b>
Japan							<b>0.7</b>	<b>0.1</b>
Kazakhstan						<b>0.0</b>		<b>0.0</b>
Lebanon						<b>0.0</b>		<b>0.0</b>
Moldova						<b>0.6</b>		<b>0.5</b>
Montenegro						<b>0.0</b>		<b>0.0</b>
Morocco						<b>0.5</b>	<b>0.0</b>	<b>0.4</b>
Peru						<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Portugal		0.1	0.1	0.1		<b>3.5</b>	<b>0.3</b>	<b>2.9</b>
Romania						<b>0.6</b>		<b>0.4</b>
Russia						<b>0.1</b>	<b>0.0</b>	<b>0.1</b>
Serbia						<b>0.4</b>		<b>0.3</b>
Slovakia						<b>0.0</b>		<b>0.0</b>
Slovenia						<b>0.0</b>		<b>0.0</b>
South Africa				0.0			<b>0.7</b>	<b>0.2</b>
Spain	1.0			2.4	0.1	<b>30.5</b>	<b>2.6</b>	<b>24.7</b>
Switzerland						<b>0.4</b>	<b>0.0</b>	<b>0.3</b>
Thailand							<b>0.0</b>	<b>0.0</b>
Turkey	65.3					<b>0.2</b>	<b>0.1</b>	<b>0.2</b>
Ukraine		13.5				<b>0.3</b>		<b>0.3</b>
United Kingdom				0.0	19.6	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
United States		4.6		8.9	3.7	<b>0.4</b>	<b>5.8</b>	<b>1.5</b>
Uzbekistan						<b>0.0</b>		<b>0.0</b>
Unknown origin & other varieties				3.4	6.8	<b>5.8</b>	<b>1.6</b>	<b>4.9</b>
<b>Old World subtotal</b>	<b>100.0</b>	<b>95.4</b>	<b>100.0</b>	<b>87.6</b>	<b>70.0</b>	<b>93.6</b>	<b>82.7</b>	<b>91.4</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>4.6</b>	<b>0.0</b>	<b>9.0</b>	<b>23.2</b>	<b>0.6</b>	<b>15.7</b>	<b>3.7</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18: Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Cambodia</i>	<i>Canada</i>
<i>Country of origin↓</i>									
Algeria									
Argentina		32.3							
Australia				0.1					
Austria		0.0		0.0	62.4				0.4
Azerbaijan									
Bosnia and Herzeg									
Brazil					10.8				
Bulgaria						31.4			
Canada					0.2				0.8
Chile									
China									
Croatia		0.0		0.1	7.1	0.6			0.1
Cyprus									
Czechia									
France	36.1	56.1		89.6	16.7	34.6	53.7	70.0	76.0
Georgia				0.0			10.2		
Germany		0.0		2.5	9.1	0.0	1.1		14.1
Greece	2.4	4.5		2.5	1.8	2.1			0.1
Hungary		0.0		0.0	0.0	0.0	2.2		0.0
Israel									
Italy		3.1		1.1		2.2	1.4		0.1
Japan							30.0		
Kazakhstan									
Lebanon				0.0					
Moldova									
Montenegro									
Morocco		0.1							
North Macedonia									
Peru									
Portugal		0.0		0.8		0.1			0.0
Romania									
Russia								0.0	
Serbia									
Slovenia				0.5					
South Africa				0.0		0.0			0.0
Spain	60.2	3.7		2.3		0.1			0.1
Switzerland									1.2
Taiwan									
Thailand									
Turkey	1.2			0.0					
Ukraine								0.0	
United Kingdom				0.0					
United States		0.0		0.8		49.2			4.6
Unknown origin & other varieties		0.1	100.0	0.1	2.4				2.5
<b>Old World subtotal</b>	<b>100.0</b>	<b>67.6</b>	<b>0.0</b>	<b>98.9</b>	<b>97.6</b>	<b>39.7</b>	<b>100.0</b>	<b>70.0</b>	<b>92.0</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>32.3</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>60.3</b>	<b>0.0</b>	<b>30.0</b>	<b>5.4</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18 (cont.): Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Chile</i>	<i>China</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>Ethiopia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>
<i>Country of origin ↓</i>									
Algeria	0.0								
Argentina	4.7								
Australia									
Austria	0.0		4.4		38.5		0.1		10.9
Azerbaijan									
Bosnia and Herzeg									
Brazil									
Bulgaria									
Canada									
Chile	0.0								
China	0.0	4.2							
Croatia	0.0	1.7	71.6		8.2		0.0		
Cyprus				100.0					
Czechia							0.0		
France	81.7	44.8	18.7		29.5	31.9	63.9	1.3	27.6
Georgia	0.0						92.0		
Germany	0.5	0.9	5.3		23.8		0.9		57.3
Greece	5.0	1.7					1.3		0.3
Hungary							0.0		0.0
Israel									
Italy	0.4	0.8				53.2	10.6		2.3
Japan									
Kazakhstan							0.0		
Lebanon									
Moldova									
Montenegro									
Morocco									
North Macedonia									
Peru									
Portugal	0.0								
Romania									
Russia									
Serbia									
Slovenia									
South Africa									
Spain	7.5	2.3				15.8			
Switzerland	0.1					0.1		1.1	
Taiwan									
Thailand									
Turkey					2.5	0.0			
Ukraine									
United Kingdom						0.3		0.1	
United States	0.0				12.3	0.0			
Unknown origin & other varieties		43.6				7.1	6.7	0.3	
<b>Old World subtotal</b>	<b>95.3</b>	<b>52.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>87.7</b>	<b>92.6</b>	<b>93.3</b>	<b>99.6</b>
<b>New World subtotal</b>	<b>4.7</b>	<b>4.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>12.3</b>	<b>0.3</b>	<b>0.0</b>	<b>0.1</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18 (cont.): Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Greece</i>	<i>Hungary</i>	<i>India</i>	<i>Israel</i>	<i>Italy</i>	<i>Japan</i>	<i>Kazakhstan</i>	<i>Korea, Rep.</i>
<i>Country of origin↓</i>								
Algeria								
Argentina								
Australia								
Austria	0.0	18.5			0.0	1.5		
Azerbaijan							9.7	
Bosnia and Herzeg.								
Brazil								
Bulgaria	0.1	0.1						
Canada								
Chile								
China								
Croatia		6.2			3.0			
Cyprus								
Czechia								
France	11.5	22.1	48.1	63.8	17.9	12.2	7.7	
Georgia							57.4	
Germany	0.0	5.7			0.7	3.1	1.6	
Greece	79.8	1.2	3.7	4.4	2.4		3.7	
Hungary		41.9			2.3			
Israel				5.5				
Italy	0.4	0.0	11.1		66.4			
Japan					36.6		74.1	
Kazakhstan						5.6		
Lebanon					0.0			
Moldova		0.0					1.6	
Montenegro		0.0						
Morocco								
North Macedonia								
Peru								
Portugal		0.5						
Romania		0.1						
Russia								
Serbia		0.0						
Slovenia		0.0						
South Africa								
Spain	0.3			20.9	1.3			
Switzerland		1.8			0.0			
Taiwan								
Thailand								
Turkey			37.0					
Ukraine		0.0					0.0	
United Kingdom	4.5	0.0			0.0			
United States				2.2		36.1	0.1	11.1
Unknown origin								
& other varieties	3.5	1.8		3.2	5.9	10.5	12.7	14.8
<b>Old World subtotal</b>	<b>92.0</b>	<b>98.1</b>	<b>100.0</b>	<b>94.6</b>	<b>94.1</b>	<b>16.8</b>	<b>87.1</b>	<b>0.0</b>
<b>New World subtotal</b>	<b>4.5</b>	<b>0.0</b>	<b>0.0</b>	<b>2.2</b>	<b>0.0</b>	<b>72.7</b>	<b>0.1</b>	<b>85.2</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18 (cont.): Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Lebanon</i>	<i>Luxembourg</i>	<i>Mexico</i>	<i>Moldova</i>	<i>Morocco</i>	<i>Myanmar</i>	<i>New Zealand</i>	<i>North Macedonia</i>
<i>Country of origin ↓</i>								
Algeria								
Argentina								
Australia								
Austria	0.3			0.0			0.1	
Azerbaijan								
Bosnia and Herzegovina								0.7
Brazil								
Bulgaria				0.0				27.2
Canada								
Chile								
China								
Croatia							0.0	5.3
Cyprus								
Czechia								
France	82.5	53.6	39.7	50.3	39.1	85.0	96.2	14.9
Georgia				5.4				1.9
Germany	45.0			3.4			3.0	3.6
Greece	0.1	4.5	0.1	11.9	10.0	0.1		1.6
Hungary				2.2				
Israel								
Italy		3.3	0.5	19.0			0.1	
Japan								
Kazakhstan				0.1				
Lebanon					22.6			
Moldova								
Montenegro								38.3
Morocco								
North Macedonia								1.6
Peru								
Portugal				0.5			0.1	
Romania					0.5			
Russia				0.7				
Serbia								2.8
Slovenia								
South Africa							0.1	
Spain		16.9			14.0	5.0	0.1	
Switzerland				0.4				
Taiwan								
Thailand								
Turkey		15.4			4.1			
Ukraine				2.4				
United Kingdom				0.3				1.4
United States		8.7	5.0	3.5			0.0	
Unknown origin								
& other varieties	17.5	1.0	11.4	6.2	8.4	0.1	0.5	
<b>Old World subtotal</b>	<b>82.5</b>	<b>99.0</b>	<b>79.8</b>	<b>88.5</b>	<b>88.0</b>	<b>100.0</b>	<b>99.8</b>	<b>98.1</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>0.0</b>	<b>8.7</b>	<b>5.3</b>	<b>3.5</b>	<b>0.0</b>	<b>0.1</b>	<b>1.4</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18 (cont.): Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Norway</i>	<i>Peru</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>
<i>Country of origin ↓</i>								
Algeria								
Argentina		0.2						
Australia								
Austria		7.6	0.0	0.7		3.3	45.9	5.5
Azerbaijan								
Bosnia and Herzegovina								
Brazil								
Bulgaria				1.5	1.0	1.2		
Canada								
Chile								
China		0.1			0.3			
Croatia				0.8		9.3	5.9	19.6
Cyprus								
Czechia								
France		2.2	9.0	21.5	50.2	34.2	11.4	32.9
Georgia				0.2	14.2	0.3		
Germany	90.0		0.0	3.6	5.6	6.8	14.6	5.3
Greece		9.4	1.3	0.9	1.0	0.2		3.7
Hungary				0.1	7.5	0.1		3.4
Israel								
Italy		29.4	0.6	0.1	0.1			13.1
Japan								
Kazakhstan								
Lebanon						0.3		
Moldova				8.7	2.1			
Montenegro						0.0		
Morocco								
North Macedonia								
Peru		8.8						
Portugal			70.6	0.0				
Romania				10.2				
Russia				0.0	5.8	0.3		
Serbia				0.0		5.5		
Slovenia							5.8	
South Africa								
Spain		32.9	13.8	0.0				
Switzerland			0.0	0.1	0.0			
Taiwan								
Thailand								
Turkey		0.4						
Ukraine					8.7			
United Kingdom					0.4	2.8		
United States		9.1			2.7	0.0		
Unknown								
origin & variety	10.0		4.7	51.7	0.5	35.7	22.2	10.7
<b>Old World subgroups</b>	<b>90.0</b>	<b>81.9</b>	<b>95.3</b>	<b>48.3</b>	<b>96.2</b>	<b>61.4</b>	<b>77.8</b>	<b>89.3</b>
<b>New World subgroups</b>	<b>0.0</b>	<b>18.1</b>	<b>0.0</b>	<b>0.0</b>	<b>3.4</b>	<b>2.8</b>	<b>0.0</b>	<b>0.0</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18 (cont.): Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>South Africa</i>	<i>Spain</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Thailand</i>	<i>Tunisia</i>	<i>Turkey</i>	<i>Ukraine</i>
<i>Country of origin ↓</i>								
Algeria								
Argentina								
Australia								
Austria	0.0			1.9				
Azerbaijan								
Bosnia and Herzegovina								
Brazil								
Bulgaria								
Canada								
Chile								
China								
Croatia	0.0	0.1		0.0				
Cyprus								
Czechia								
France	83.4	10.0		55.6		55.2	39.1	32.7
Georgia								58.6
Germany	0.4	0.1		5.4		1.4		22.9
Greece	3.2	1.4		0.3		1.5	11.9	0.9
Hungary	0.1	0.0		0.1				7.4
Israel	0.0							1.3
Italy	0.3	0.0		1.1		1.0	19.0	0.1
Japan					63.2		8.7	
Kazakhstan								
Lebanon								
Moldova								
Montenegro								
Morocco								
North Macedonia								
Peru								
Portugal	0.5	1.2		0.0		0.5		
Romania	0.0							
Russia								
Serbia	0.0							
Slovenia				0.0				
South Africa	8.2			0.0				
Spain	1.3	85.2		0.0		4.3	14.0	1.3
Switzerland		0.0		35.0				
Taiwan				3.4				
Thailand					26.0			
Turkey	0.0					4.1	64.9	
Ukraine							5.0	
United Kingdom	0.0		0.0					
United States	2.5	0.0	0.0	33.4		3.5		4.8
Unknown								
origin & other	0.0	2.0	0.7		1.3	8.4		
<b>Old World sum</b>	<b>89.3</b>	<b>98.0</b>	<b>99.3</b>	<b>0.0</b>	<b>64.0</b>	<b>88.0</b>	<b>100.0</b>	<b>95.2</b>
<b>New World sum</b>	<b>10.7</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>	<b>34.7</b>	<b>3.5</b>	<b>0.0</b>	<b>4.8</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 18 (cont.): Shares of national winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>UK</i>	<i>USA</i>	<i>Uruguay</i>	<i>Old World</i>	<i>New World</i>	<i>World</i>
<i>Country of origin↓</i>						
Algeria					<b>0.0</b>	<b>0.0</b>
Argentina					<b>6.6</b>	<b>1.6</b>
Australia					<b>0.0</b>	<b>0.0</b>
Austria	0.0			<b>1.9</b>	<b>0.0</b>	<b>1.4</b>
Azerbaijan				<b>0.0</b>		<b>0.0</b>
Bosnia and Herzegc				<b>0.0</b>		<b>0.0</b>
Brazil					<b>0.3</b>	<b>0.1</b>
Bulgaria				<b>0.8</b>		<b>0.6</b>
Canada	0.0				<b>0.0</b>	<b>0.0</b>
Chile					<b>0.0</b>	<b>0.0</b>
China				<b>0.0</b>	<b>0.7</b>	<b>0.2</b>
Croatia	7.7			<b>1.3</b>	<b>2.0</b>	<b>1.5</b>
Cyprus				<b>0.2</b>		<b>0.1</b>
Czechia				<b>0.0</b>		<b>0.0</b>
France	77.0	72.4	58.8	<b>29.4</b>	<b>67.7</b>	<b>38.9</b>
Georgia				<b>2.1</b>	<b>0.0</b>	<b>1.6</b>
Germany	18.2	2.6	0.4	<b>2.9</b>	<b>1.4</b>	<b>2.6</b>
Greece		1.3	0.5	<b>2.6</b>	<b>2.8</b>	<b>2.7</b>
Hungary				<b>1.4</b>	<b>0.0</b>	<b>1.1</b>
Israel				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Italy	1.6	10.5		<b>14.8</b>	<b>1.6</b>	<b>11.5</b>
Japan					<b>0.5</b>	<b>0.1</b>
Kazakhstan				<b>0.0</b>		<b>0.0</b>
Lebanon				<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Moldova				<b>1.1</b>		<b>0.8</b>
Montenegro				<b>0.3</b>		<b>0.2</b>
Morocco					<b>0.0</b>	<b>0.0</b>
North Macedonia				<b>0.0</b>		<b>0.0</b>
Peru					<b>0.0</b>	<b>0.0</b>
Portugal	0.1	0.1		<b>4.1</b>	<b>0.2</b>	<b>3.2</b>
Romania				<b>0.6</b>	<b>0.0</b>	<b>0.4</b>
Russia				<b>0.1</b>	<b>0.0</b>	<b>0.1</b>
Serbia				<b>0.1</b>	<b>0.0</b>	<b>0.0</b>
Slovenia				<b>0.0</b>		<b>0.0</b>
South Africa	0.0			<b>0.0</b>	<b>0.7</b>	<b>0.2</b>
Spain	2.0	0.1		<b>27.4</b>	<b>3.1</b>	<b>21.4</b>
Switzerland				<b>0.3</b>	<b>0.0</b>	<b>0.2</b>
Taiwan					<b>0.0</b>	<b>0.0</b>
Thailand					<b>0.0</b>	<b>0.0</b>
Turkey				<b>0.3</b>	<b>0.2</b>	<b>0.3</b>
Ukraine	0.0			<b>0.2</b>	<b>0.0</b>	<b>0.2</b>
United Kingdom	0.0	18.8		<b>0.2</b>	<b>0.1</b>	<b>0.2</b>
United States	8.6	1.9		<b>0.2</b>	<b>4.0</b>	<b>1.2</b>
Unknown origin & other varieties	4.8	3.4	9.0	<b>7.6</b>	<b>8.0</b>	<b>7.7</b>
<b>Old World subtotal</b>	<b>95.2</b>	<b>87.9</b>	<b>70.3</b>	<b>92.0</b>	<b>79.0</b>	<b>88.8</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>8.6</b>	<b>20.7</b>	<b>0.4</b>	<b>13.0</b>	<b>3.5</b>
<b>World total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 19: NVII of national winegrapes by varietal country of origin, 2000

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Canada</i>	<i>Chile</i>
<u>Country of origin↓</u>									
Algeria									
Argentina		16.3							-0.4
Armenia			0.8						
Australia				0.0					
Austria		-0.6			6.2				
Azerbaijan									
Belgium									
Brazil		0.0							
Bulgaria						7.0			
Canada									
Chile								0.0	
China									
Croatia		-1.2			0.6	-0.1	0.2		-0.7
Cyprus									
France	1.7	4.7		12.4	-1.8	-1.3	0.5	0.6	9.6
Georgia			0.5				1.6		
Germany		-0.9		0.1	1.0	-0.2	-0.1	0.1	-0.5
Greece		2.4	0.1	0.2	-0.2	-0.1			
Hungary					-0.1		0.3		
Israel									
Italy		-3.3		-3.2		-1.2	-2.2		-3.0
Japan									
Kazakhstan					0.1				
Lebanon									
Moldova									
Morocco		-0.1							
Peru									
Portugal		-1.1		-0.5				0.2	
Romania									
Russia		0.0							
Serbia									
Slovenia					0.1				
South Africa									
Spain	1.1	-9.5		-6.5				-2.6	
Switzerland								0.0	
Thailand									
Turkey				2.0					
Ukraine						0.7			
United Kingdom		-0.1					0.1		
United States		0.1		0.1		6.3	0.3	0.3	
Uzbekistan									
Unknown origin & other varieties		-8.7	1.4	-3.1	-1.4	1.9	-1.7	0.0	-0.3
<b>Old World subtotal</b>	0.9	-11.8	-0.6	2.0	1.1	-7.1	0.9	-0.3	1.0
<b>New World subtotal:</b>		16.2		-0.5		6.1	0.0	0.3	-0.8
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 19 (cont.): NVII of national winegrapes by varietal country of origin, 2000

<i>Country of planting</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>	<i>Greece</i>	<i>Hungary</i>	<i>Israel</i>
<i>→ Country of origin↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	0.1		0.9	-2.2		2.4		2.5	
Azerbaijan									
Belgium									
Brazil									
Bulgaria							-0.1	-0.1	
Canada									
Chile									
China									
Croatia	7.3		0.2	-5.2				0.8	
Cyprus		2.8							
France	-3.1		-0.5	59.3	-2.0	-2.3	-2.6	-3.3	0.2
Georgia					6.9				
Germany			0.4	-2.9		13.6		0.6	
Greece				-1.9		-0.5	8.2	-0.1	0.0
Hungary				-1.0				4.1	
Israel								0.0	
Italy				-3.2		-2.2	-1.2		
Japan									
Kazakhstan									
Lebanon									
Moldova								0.1	
Morocco									
Peru									
Portugal									
Romania								0.1	
Russia									
Serbia									
Slovenia									
South Africa									
Spain				-3.7		-2.8		-0.1	
Switzerland				-0.3		0.2		0.3	
Thailand									
Turkey									
Ukraine									
United Kingdom				-0.1					
United States				-2.9				0.1	
Uzbekistan									
Unknown origin & other varieties	5.4	1.1	0.6	-37.5	-0.6	-4.3	0.8	7.8	0.1
<b>Old World subtotal</b>	-2.2	-0.4	-0.2	25.3	0.6	3.0	0.0	-3.2	-0.1
<b>New World subtotal</b>				-6.5					0.0
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 19 (cont.): NVII of national winegrapes by varietal country of origin, 2000

<i>Country of planting</i>	<i>Italy</i>	<i>Korea, Rep.</i>	<i>Luxembourg</i>	<i>Moldova</i>	<i>Morocco</i>	<i>New Zealand</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>	<i>Serbia</i>
<u>Country of origin↓</u>										
Algeria										
Argentina										
Armenia										
Australia										
Austria	-1.8		0.0	-0.3		0.0				
Azerbaijan										
Belgium										
Brazil										
Bulgaria				-0.1						
Canada										
Chile										
China										
Croatia	-1.1							1.7		6.4
Cyprus										
France	-20.7		0.0	6.2	-1.8	1.1	-11.0	-4.5	-1.6	
Georgia					2.2			-0.7	2.7	
Germany	-2.6		0.2	0.4		0.2		-1.0	0.0	
Greece	0.0			-0.4	0.5		-0.6	-0.8		
Hungary	-0.7			-0.1					0.7	
Israel										
Italy	85.9						5.0			
Japan		0.8								
Kazakhstan										
Lebanon	0.3									
Moldova				0.8				3.7		
Morocco					3.8					
Peru										
Portugal						22.7				
Romania				0.0			1.3			
Russia				0.0				0.3		
Serbia									3.1	
Slovenia										
South Africa					0.0					
Spain	-33.5				-1.5	-0.5	-8.8			
Switzerland	-0.3					0.0			0.7	
Thailand										
Turkey										
Ukraine				0.3				0.5		
United Kingdom	-0.1								0.5	
United States		0.1		2.0		0.0				
Uzbekistan				0.0						
Unknown origin & other varieties	-21.2	0.1			4.3	-0.3	19.1	47.1	7.8	2.9
<b>Old World subtotal</b>	15.5		0.0	0.3	-1.8	0.2	-7.9	-21.8	-3.5	-1.5
<b>New World subtotal</b>	-4.9	0.9		1.7		-0.1			0.0	
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 19 (cont.): NVII of national winegrapes by varietal country of origin, 2000

<i>Country of planting</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>	<i>Africa</i>	<i>Spain</i>	<i>South</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Tunisia</i>	<i>UK</i>
→										
<u>Country of origin↓</u>										
Algeria						0.0				
Argentina										
Armenia										
Australia										
Austria		1.0				-3.6		0.0		0.0
Azerbaijan										
Belgium						0.0				
Brazil										
Bulgaria										
Canada										
Chile										
China										
Croatia	6.4	0.7	0.6	-0.6	-6.8				0.0	
Cyprus										
France		-0.6	-0.5	9.9	-61.5		0.8		-0.5	0.0
Georgia										
Germany		0.3		-0.2	-5.7		0.1			0.1
Greece				0.6	-4.2		-0.1			
Hungary				0.0						
Israel				0.0						
Italy			-0.1	-2.4	-30.7		-0.4	-0.1	-0.3	
Japan								0.3		
Kazakhstan										
Lebanon					0.0	-0.1				
Moldova										
Morocco										
Peru										
Portugal					-0.4	-4.2				
Romania			0.1							
Russia										
Serbia		3.1								
Slovenia										
South Africa				1.4						
Spain					-4.8	142.5			1.1	
Switzerland	0.7					-0.7		1.1		
Thailand										
Turkey						-0.8				
Ukraine										
United Kingdom	0.5					-0.3				
United States				0.2	-3.9			0.2		
Uzbekistan										
Unknown origin & other varieties	2.9	0.4	4.5	-4.1	-6.2		-0.6		0.6	0.1
<b>Old World subtotal</b>	-1.5	-0.1	-2.1	0.8	12.1		0.4	-0.5	-0.2	0.0
<b>New World subtotal</b>	0.0			1.2	-9.1			0.5		
<b>World total</b>	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0

Table 19 (cont.): NVII of national winegrapes by varietal country of origin, 2000

Country of planting →	USA	Uruguay	Missing 9	Old	New	
				World	World	World
<u>Country of origin↓</u>						
Algeria				0.0		0.0
Argentina			-0.6		14.2	0.0
Armenia			0.0	0.1		0.0
Australia					0.0	0.0
Austria	-0.5		-0.3	2.5	-2.4	0.0
Azerbaijan			0.2			0.0
Belgium				0.0		0.0
Brazil					0.0	0.0
Bulgaria				1.3		0.0
Canada	0.0				0.0	0.0
Chile					0.0	0.0
China			0.0			0.0
Croatia	2.7			1.3	-0.8	0.0
Cyprus				0.5		0.0
France	13.7	0.5	9.0	-55.2	50.7	0.0
Georgia			4.3	0.7		0.0
Germany	-0.3		0.6	1.5	-1.8	0.0
Greece	-0.3		-0.3	-2.0	2.1	0.0
Hungary				0.9	-0.8	0.0
Israel				0.0	0.0	0.0
Italy	-3.2		-3.8	19.3	-17.3	0.0
Japan			0.2		0.9	0.0
Kazakhstan			0.1			0.0
Lebanon				0.0	0.0	0.0
Moldova			-0.1	0.9		0.0
Morocco				0.6	-0.6	0.0
Peru			0.1			0.0
Portugal	-1.0			3.6	-3.2	0.0
Romania				0.3		0.0
Russia				0.0	0.0	0.0
Serbia				0.6		0.0
Slovenia				0.0		0.0
South Africa					1.2	0.0
Spain	-8.0		-8.3	40.6	-36.4	0.0
Switzerland				0.4	-0.4	0.0
Thailand			0.0			0.0
Turkey			2.5	-2.8	1.5	0.0
Ukraine			1.9	-0.5		0.0
United Kingdom	0.0	0.6		-0.3	0.4	0.0
United States	3.4		0.5	-10.4	10.2	0.0
Uzbekistan						
Unknown origin & other varieties	-7.3	0.1	-6.2	24.9	-21.8	0.0
<b>Old World subtotal</b>	1.0	-0.6	3.0	14.5	-16.1	0.0
<b>New World subtotal</b>	2.6	0.5	0.1	-27.0	27.0	0.0
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0

Table 20: NVII of national winegrapes by varietal country of origin, 2010

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Canada</i>	<i>Chile</i>
<i>Country of origin↓</i>									
Algeria									
Argentina		15.7							-0.3
Armenia			0.8						
Australia				0.0					
Austria		-0.7			6.1	-0.2		0.0	-0.4
Azerbaijan									
Brazil		0.0				0.3			
Bulgaria							3.6		
Canada								0.0	
Chile									0.0
China									0.0
Croatia		-1.1		-0.7	0.5	-0.2		0.0	-0.5
Cyprus									
Czechia									
France	1.2	5.9		16.8	-2.2	-0.7	0.8	0.9	13.6
Georgia			0.5						0.5
Germany		-1.1		0.3	0.8	-0.3	-0.1	0.3	-0.4
Greece		1.7	0.1	-0.2	-0.1	0.0			-0.3
Hungary					-0.1	-0.1	0.0	0.0	
Israel									
Italy		-3.9		-3.7		-1.1	-1.3	-0.3	-2.9
Japan						0.0			
Kazakhstan									
Lebanon									
Moldova									
Montenegro									
Morocco		-0.1							
Peru									
Portugal		-1.3		-0.6		-0.3		-0.1	-0.7
Romania									
Russia								0.0	
Serbia									
Slovakia									
Slovenia				0.0					
South Africa						0.0		0.0	
Spain	1.3	-9.6		-7.5		-2.6		-0.5	-5.0
Switzerland						0.0		0.0	-0.1
Thailand									
Turkey				0.0					
Ukraine									
United Kingdom		-0.1							
United States		-0.6		-0.3		5.9		0.1	
Uzbekistan									
Unknown origin & other varieties		-4.5	1.7	-2.2	-0.4	-0.1	2.8	-0.2	-2.3
<b>Old World subtotal</b>	0.6	-12.6	-0.8	2.1	0.6	-6.0	-0.9	0.1	1.9
<b>New World subtotal</b>		14.9		-1.0		6.1		0.0	-0.8
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 20 (cont.): NVII of national winegrapes by varietal country of origin, 2010

<i>Country of planting →</i>	<i>China</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>Ethiopia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>	<i>Greece</i>
<i>Country of origin↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	0.1			1.3		-2.5		2.3	-0.2
Azerbaijan									
Brazil									
Bulgaria	0.0							0.0	
Canada									
Chile									
China									
Croatia	2.2			0.2		-4.2			
Cyprus		1.3		0.2					
Czechia				0.2					
France	3.9	-1.0	-0.5	-0.4	0.0	52.9	-3.7	-2.5	-3.4
Georgia		-0.1				9.4			
Germany	-0.1	0.1		0.7		-3.0		12.3	-0.3
Greece		-0.1	0.0			-1.9		-0.5	8.4
Hungary		0.0		0.0		-1.3			
Israel									
Italy		-0.3		-0.4	0.0	-2.6		-2.2	-1.4
Japan									
Kazakhstan									
Lebanon						0.0			
Moldova									
Montenegro	0.0								
Morocco									
Peru									
Portugal									
Romania									
Russia	0.0								
Serbia	0.0								
Slovakia									
Slovenia	0.0								
South Africa									
Spain	-1.6	-1.1	-0.3			-10.4			-2.8
Switzerland		0.0				0.0		0.2	
Thailand									
Turkey			0.1		0.0	-0.4			
Ukraine				0.0					
United Kingdom		0.0				0.4		0.0	
United States	-0.1	0.0			0.0	-2.7			
Uzbekistan									
Unknown origin & other varieties	0.8	0.0	-0.2		-14.8	0.4	-1.8	2.8	
<b>Old World subtotal</b>	0.5	-0.3	0.1	0.2	0.0	13.4	0.2	1.7	-0.9
<b>New World subtotal</b>	-0.2	-0.1			0.0	-5.9		-0.8	
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 20 (cont.): NVII of national winegrapes by varietal country of origin, 2010

<i>Country of planting →</i>	<i>Hungary</i>	<i>Israel</i>	<i>Italy</i>	<i>Japan Kazakhstan</i>	<i>Korea, Rep.embourg</i>	<i>Mexico</i>	<i>Moldova</i>
<i>Country of origin↓</i>							
Algeria							
Argentina							
Armenia							
Australia							
Austria	2.6		-2.0	0.0			-0.3
Azerbaijan				0.1			
Brazil							
Bulgaria	0.0						-0.1
Canada							
Chile							
China							
Croatia	0.7		1.2				
Cyprus							
Czechia							
France	-2.3	0.1	-26.3	0.1	-0.4	0.0	4.7
Georgia					0.8		2.3
Germany	0.4		-2.6	0.1	0.0	0.1	0.4
Greece	-0.2	0.0	-0.3	0.0		0.0	-0.4
Hungary	5.5		-0.9				-0.1
Israel	0.0						
Italy	-1.8		79.9	0.2	0.9		-0.1
Japan							
Kazakhstan					0.1		
Lebanon			0.1				
Moldova					0.0		0.9
Montenegro							
Morocco							
Peru							
Portugal	-0.4						
Romania	-0.1						-0.1
Russia							0.0
Serbia	0.0						
Slovakia							
Slovenia	0.0						
South Africa							
Spain	0.0		-31.6				-0.1
Switzerland	0.4		-0.4				
Thailand							
Turkey						0.2	
Ukraine	0.0				0.0		0.3
United Kingdom	0.0		-0.2				
United States	0.1			0.0	0.0	0.1	2.2
Uzbekistan							0.0
Unknown origin & other varieties	0.3	0.3	-3.7	0.2	0.2	0.0	0.2
<b>Old World subtotal</b>	0.4	-0.2	6.9	-0.1	-0.1	0.0	-0.1
<b>New World subtotal</b>	-0.6	0.0	-5.0	0.2	-0.1	1.0	0.1
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 20 (cont.): NVII of national winegrapes by varietal country of origin, 2010

<i>Country of planting →</i>	<i>Morocco</i>	<i>Myanmar</i>	<i>New Zealand</i>	<i>Peru</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>
<i>Country of origin↓</i>							
Algeria							
Argentina				0.0			
Armenia							
Australia							
Austria			-0.1	0.1	-0.5	-0.4	
Azerbaijan							
Brazil							
Bulgaria						0.5	0.1
Canada							
Chile							
China				0.0			0.0
Croatia			-0.2			0.8	
Cyprus							
Czechia							
France	-2.9	0.0	3.8	-0.3	-9.8	-6.4	0.3
Georgia						-0.6	0.2
Germany			0.1		-0.9	-0.8	0.1
Greece	0.5	0.0		0.1	-0.5	-0.7	-0.1
Hungary						-0.2	0.8
Israel							
Italy			-0.8	0.1	-4.0	-4.5	-0.7
Japan							
Kazakhstan							
Lebanon							
Moldova						3.0	0.2
Montenegro							
Morocco	4.1						
Peru				0.1			
Portugal			-0.2		24.6	-1.1	
Romania						4.3	
Russia						0.0	0.6
Serbia						-0.1	
Slovakia							
Slovenia							
South Africa			0.0				
Spain	-1.3	0.0	-1.7	0.1	-3.3	-9.1	
Switzerland			0.0		-0.1		0.0
Thailand							
Turkey				0.0			
Ukraine							0.7
United Kingdom							0.0
United States			-0.1	0.1			-0.1
Uzbekistan							
Unknown origin & other varieties	5.6		-0.2		-2.9	34.5	-0.4
<b>Old World subtotal</b>	-2.4	0.0	0.4	-0.1	2.8	-15.9	0.3
<b>New World subtotal</b>			-0.2	0.1			-0.1
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 20 (cont.): NVII of national winegrapes by varietal country of origin, 2010

<i>Country of planting →</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>	<i>South Africa</i>				<i>Spain</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Thailand</i>
				<i>Africa</i>	<i>South Africa</i>	<i>Spain</i>	<i>Thailand</i>				
<i>Country of origin ↓</i>											
Algeria						0.0					
Argentina											
Armenia											
Australia											
Austria		1.0		0.1					0.0		
Azerbaijan											
Brazil											
Bulgaria											
Canada											
Chile											
China											
Croatia	6.8	0.3		0.6	-0.5	-5.0					
Cyprus											
Czechia		0.1									
France		-0.6		-0.2	10.5	-62.6		0.6		0.0	
Georgia											
Germany		0.3		0.1	-0.4	-5.4		0.1		0.0	
Greece		-0.1		0.0	0.2	-3.1		-0.1		0.0	
Hungary		0.1		0.1	-0.1			0.0			
Israel					0.0						
Italy		-0.3		0.0	-2.6	-27.0		-0.3	-0.1	0.0	
Japan								0.3	0.0		
Kazakhstan											
Lebanon						0.0					
Moldova			0.0								
Montenegro											
Morocco											
Peru						0.0					
Portugal						-0.5	-3.9				
Romania		0.0		0.0							
Russia											
Serbia	3.2										
Slovakia		0.0									
Slovenia		0.0	0.2								
South Africa					1.5						
Spain					-5.2	138.1			0.0		
Switzerland	0.7					-0.7		1.1			
Thailand									0.0		
Turkey											
Ukraine		0.0									
United Kingdom	0.6					-0.4					
United States					0.2	-3.3		0.2			
Uzbekistan											
Unknown origin & other varieties	4.8	-0.1	0.7	-2.1	-13.6		-0.2				
<b>Old World subtotal</b>	-2.4	0.2	-0.2	-0.1	15.0		0.2	-0.5	0.0		
<b>New World subtotal</b>	0.0			1.2	-8.2			0.6	0.0		
<b>World total</b>	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		

Table 20 (cont.): NVII of national winegrapes by varietal country of origin, 2010

<i>Country of planting →</i>	<i>Tunisia</i>	<i>Turkey</i>	<i>Ukraine</i>	<i>UK</i>	<i>USA</i>	<i>Uruguay</i>	<i>Old World</i>	<i>New World</i>	<i>World</i>
<i>Country of origin↓</i>									
Algeria							0.0		0.0
Argentina								13.2	0.0
Armenia		0.0					0.2		0.0
Australia								0.0	0.0
Austria			0.0	-0.7			3.0	-3.0	0.0
Azerbaijan							0.0		0.0
Brazil								0.3	0.0
Bulgaria							0.9		0.0
Canada				0.0				0.0	0.0
Chile								0.0	0.0
China							0.0	0.0	0.0
Croatia	0.0				3.2		0.4	-0.4	0.0
Cyprus							0.3		0.0
Czechia							0.0		0.0
France	-0.8	-0.1	1.2	0.1	16.6	0.4	-71.0	71.0	0.0
Georgia			2.6				3.6		0.0
Germany		-0.1	0.5	0.1	0.1	0.0	1.5	-1.5	0.0
Greece		0.0	-0.1		-0.7	0.0	-0.3	0.3	0.0
Hungary							1.4	-1.4	0.0
Israel							0.0	0.0	0.0
Italy	-0.3	-0.3			-5.0	0.0	21.6	-21.6	0.0
Japan								1.1	0.0
Kazakhstan							0.0		0.0
Lebanon							0.0		0.0
Moldova							0.9		0.0
Montenegro							0.0		0.0
Morocco							0.8	-0.8	0.0
Peru							-0.1	0.1	0.0
Portugal				0.0	-1.4	0.0	5.4	-5.4	0.0
Romania							0.9		0.0
Russia							0.1	-0.1	0.0
Serbia							0.7		0.0
Slovakia							0.0		0.0
Slovenia							0.1		0.0
South Africa					-0.1			1.2	0.0
Spain	1.2	-0.7			-11.0	-0.4	46.0	-46.0	0.0
Switzerland							0.6	-0.6	0.0
Thailand								0.0	0.0
Turkey		1.8					0.2	-0.2	0.0
Ukraine			1.5				0.5		0.0
United Kingdom					-0.1	0.3	0.0	0.0	0.0
United States			0.3		3.6	0.0	-8.9	8.9	0.0
Uzbekistan							0.0		0.0
Unknown orig	1.1				-1.5	0.1	13.7	-13.7	0.0
<b>Old World su</b>	-0.4		0.5	0.0	-1.8	-0.4	17.9	-17.9	0.0
<b>New World su</b>			0.1		2.6	0.3	-24.8	24.8	0.0
<b>World total</b>	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21: NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	Algeria	Argentina	Armenia	Australia	Austria	Brazil	Bulgaria	Cambodia	Canada
<i>Country of origin↓</i>									
Algeria									
Argentina		14.1							
Australia				0.0					
Austria		-0.7		-0.4	6.2				0.0
Azerbaijan									
Bosnia and Herzegovina									
Brazil						0.8			
Bulgaria							3.6		
Canada						0.0			0.0
Chile									
China									
Croatia		-0.7		-0.4	0.6	-0.1			0.0
Cyprus									
Czechia									
France	-0.1	7.9		15.0	-2.2	-0.3	1.7	0.0	1.0
Georgia				-0.5			1.0		
Germany		-1.2		0.0	0.7	-0.2	-0.2		0.3
Greece	0.0	0.9		-0.1	-0.1	0.0			-0.1
Hungary				-0.2	-0.1	-0.1	0.2		0.0
Israel									
Italy		-4.0		-3.2		-0.7	-1.2		-0.3
Japan							0.0		
Kazakhstan									
Lebanon				0.0					
Moldova									
Montenegro									
Morocco		0.1							
North Macedonia									
Peru									
Portugal		-1.4		-0.7		-0.2			-0.1
Romania									
Russia								0.0	
Serbia									
Slovenia				0.0					
South Africa				-0.1		0.0			0.0
Spain	0.7	-8.1		-5.6		-1.6			-0.6
Switzerland									0.0
Taiwan									
Thailand									
Turkey	0.0			-0.1					
Ukraine								0.0	
United Kingdom				0.0					
United States		-0.5		-0.1		3.6			0.1
Unknown origin & other varieties		-7.1	6.1	-4.5	-1.1				-0.3
<b>Old World subtotal</b>	0.2	-9.7		3.0	0.9	-3.6	1.3	0.0	0.1
<b>New World subtotal</b>		13.2		-0.8		4.2		0.0	0.1
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21 (cont.): NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	<i>Chile</i>	<i>China</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>Ethiopia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>
<i>Country of origin↓</i>									
Algeria	0.0								
Argentina	1.0								
Australia									
Austria	-0.5		0.1		1.1		-2.4		2.0
Azerbaijan									
Bosnia and Herzegovina									
Brazil									
Bulgaria									
Canada									
Chile	0.0								
China	-0.1	1.6							
Croatia	-0.5	0.1	1.8		0.2		-2.7		
Cyprus				1.1					
Czechia								0.0	
France	13.9	2.4	-0.5		-0.3	0.0	45.4	-4.0	-2.4
Georgia	-0.5							9.7	
Germany	-0.7	-0.7	0.1		0.6		-3.0		11.5
Greece	0.7	-0.4					-2.6		-0.5
Hungary							-1.4		-0.2
Israel									
Italy	-3.7	-4.4				0.0	-2.3		-2.0
Japan							0.0		
Kazakhstan									
Lebanon									
Moldova									
Montenegro									
Morocco									
North Macedonia									
Peru									
Portugal	-1.0								
Romania									
Russia									
Serbia									
Slovenia									
South Africa									
Spain	-4.5	-7.6				-10.1			
Switzerland	0.0					-0.2		0.2	
Taiwan									
Thailand									
Turkey						0.0	-0.5		
Ukraine									
United Kingdom							0.2		0.0
United States	-0.4					0.0	-2.1		
Unknown origin & other varieties		28.5					-2.2	-0.2	-3.1
<b>Old World subtotal</b>	2.1	-14.5	0.3	0.1	0.3	0.0	7.0	0.5	2.3
<b>New World subtotal</b>	0.4	0.2				0.0	-5.9		-0.7
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21 (cont.): NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	<i>Greece</i>	<i>Hungary</i>	<i>India</i>	<i>Israel</i>	<i>Italy</i>	<i>Japan</i>	<i>Kazakhstan</i>	<i>Korea, Rep.</i>
<i>Country of origin↓</i>								
Algeria								
Argentina								
Australia								
Austria	-0.2	2.4			-1.9	0.0		
Azerbaijan							0.1	
Bosnia and Herzegovina								
Brazil								
Bulgaria	-0.1	-0.1						
Canada								
Chile								
China								
Croatia		0.7			2.1			
Cyprus								
Czechia								
France	-3.1	-2.4	0.1	0.3	-28.4	-0.2	-0.5	
Georgia							0.9	
Germany	-0.3	0.5			-2.5	0.0	0.0	
Greece	8.7	-0.2	0.0	0.0	-0.3		0.0	
Hungary		5.8			-1.0			
Israel				0.1				
Italy	-1.3	-1.7	0.0		76.8			
Japan					0.3		0.9	
Kazakhstan						0.1		
Lebanon					0.0			
Moldova		-0.1					0.0	
Montenegro		0.0						
Morocco								
North Macedonia								
Peru								
Portugal		-0.4						
Romania		-0.1						
Russia								
Serbia		0.0						
Slovenia		0.0						
South Africa								
Spain	-2.4			0.0	-27.1			
Switzerland		0.2			-0.3			
Taiwan								
Thailand								
Turkey		0.2						
Ukraine		0.0					0.0	
United Kingdom	0.5	0.0			-0.2			
United States				0.0		0.3	0.0	0.1
Unknown origin & other varieties	-1.0	-1.7		-0.1	-4.8	0.0	0.2	0.2
<b>Old World subtotal</b>	0.4	1.3	0.1	0.1	7.1	-0.6	0.0	
<b>New World subtotal</b>	0.1	-0.5		0.0	-4.8	0.6	-0.1	1.0
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21 (cont.): NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	<i>Lebanon Luxembourg</i>	<i>Mexico</i>	<i>Moldova</i>	<i>Morocco</i>	<i>Myanmar</i>	<i>New Zealand</i>	<i>North Macedonia</i>
<i>Country of origin↓</i>							
Algeria							
Argentina							
Australia							
Austria	0.0		-0.3			-0.1	
Azerbaijan							
Bosnia and Herzegovina							0.0
Brazil							
Bulgaria			-0.1				1.5
Canada							
Chile							
China							
Croatia						-0.1	0.2
Cyprus							
Czechia							
France	0.4	0.0	0.0	2.1	0.0	0.0	-1.3
Georgia				0.7			0.0
Germany	0.1			0.2			0.0
Greece	0.0	0.0	-0.5	0.4	0.0	-0.2	-0.1
Hungary				0.3			
Israel							
Italy		-0.1	-2.1	0.3			-0.9
Japan							
Kazakhstan							
Lebanon				0.0			
Moldova				3.9			
Montenegro							2.1
Morocco							
North Macedonia							0.1
Peru							
Portugal						-0.2	
Romania				0.0			
Russia				0.1			
Serbia							0.2
Slovenia							
South Africa							0.0
Spain		-0.1		-0.3	0.0		-1.7
Switzerland			0.0				
Taiwan							
Thailand							
Turkey		0.2		0.2			
Ukraine			0.5				
United Kingdom			0.0				0.1
United States		0.1	0.7	0.1		-0.1	
Unknown origin & other varieties	0.2	0.0	0.1	-0.6	0.1	-1.2	-0.8
<b>Old World subtotal</b>	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.5
<b>New World subtotal</b>			0.1	0.3	0.0	-0.3	-0.1
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21 (cont.): NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	<i>Norway</i>	<i>Peru</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>
<i>Country of origin↓</i>								
Algeria		0.0						
Argentina								
Australia								
Austria		0.1	-0.6	-0.3		0.1	0.8	0.1
Azerbaijan								
Bosnia and Herzegovina								
Brazil								
Bulgaria				0.4	0.0	0.0		
Canada								
Chile								
China		0.0		0.0				
Croatia				-0.3		0.4	0.1	0.6
Cyprus								
Czechia								
France		-0.3	-12.2	-7.1	1.3	-0.2	-0.5	-0.2
Georgia				-0.6	1.4	-0.1		
Germany	0.0		-1.0	0.4	0.3	0.2	0.2	0.1
Greece		0.1	-0.5	-0.7	-0.2	-0.1		0.0
Hungary				-0.3	0.8	0.0		0.1
Israel								
Italy		0.1	-4.6	-4.8	-1.3			0.0
Japan								
Kazakhstan						0.0		
Lebanon								
Moldova					3.1	0.2		
Montenegro							0.0	
Morocco								
North Macedonia								
Peru	0.1							
Portugal			27.5	-1.3				
Romania				4.1				
Russia				0.0	0.7	0.0		
Serbia				0.0		0.3		
Slovenia								0.2
South Africa								
Spain	0.1		-3.1	-8.7				
Switzerland			-0.1	-0.1	0.0			
Taiwan								
Thailand								
Turkey	0.0							
Ukraine					1.0			
United Kingdom					0.0	0.1		
United States	0.1				0.2	-0.1		
Unknown origin & other varieties	0.0		-2.5	35.8	-1.6	2.8	0.5	0.2
<b>Old World subtotal</b>	0.0	-0.1	2.7	-16.5	0.8	-1.3	-0.2	0.0
<b>New World subtotal</b>		0.1			0.0	0.0		
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 21 (cont.): NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	<i>South Africa</i>	<i>Spain</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Thailand</i>	<i>Tunisia</i>	<i>Turkey</i>	<i>Ukraine</i>
<i>Country of origin↓</i>								
Algeria								
Argentina								
Australia								
Austria	-0.3		0.0					
Azerbaijan								
Bosnia and Herzegovina								
Brazil								
Bulgaria								
Canada								
Chile								
China								
Croatia	-0.3	-2.7	0.0					
Cyprus								
Czechia								
France	9.5	-56.9	0.5	0.0	0.0	-0.2	1.1	
Georgia								1.2
Germany	-0.5	-4.9	0.1	0.0		-0.1	0.3	
Greece	0.1	-2.5	-0.1	0.0	0.1	-0.1	-0.1	
Hungary	-0.1		0.0					
Israel	0.0							
Italy	-2.5	-23.2	-0.4	0.0	0.1	-0.4		
Japan				0.0	0.0			
Kazakhstan								
Lebanon								
Moldova								
Montenegro								
Morocco								
North Macedonia								
Peru								
Portugal	-0.6	-3.9	-0.1	0.0				
Romania	-0.1							
Russia								
Serbia	0.0							
Slovenia			0.0					
South Africa	1.7		0.0					
Spain	-4.3	125.8	-0.7	0.0	-0.1	-0.6		
Switzerland		-0.4	1.1					
Taiwan				0.0				
Thailand					0.0			
Turkey		-0.5				0.0	2.0	
Ukraine								0.3
United Kingdom		-0.3	0.0					
United States	0.3	-2.3	0.0	0.0		0.0	0.2	
Unknown origin & other varieties	-3.3	-22.6	-0.5	0.0	0.0			
<b>Old World subtotal</b>	0.1	18.2	0.3	0.0	0.0	0.3	0.4	
<b>New World subtotal</b>	1.5	-6.9	-0.1	0.0	0.0	0.0	0.1	
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Table 21 (cont.): NVII of national winegrapes by varietal country of origin, 2016

<i>Country of planting →</i>	<i>UK</i>	<i>USA</i>	<i>Uruguay</i>	<i>Old World</i>	<i>New World</i>	<i>World</i>
<i>Country of origin↓</i>						
Algeria				0.0	0.0	
Argentina				12.3	0.0	
Australia				0.0	0.0	
Austria	-0.8			3.5	-3.5	0.0
Azerbaijan				0.0	0.0	
Bosnia and Herzegovina				0.0	0.0	
Brazil					0.6	0.0
Bulgaria				1.5	0.0	
Canada	0.0				0.0	0.0
Chile					0.0	0.0
China				-1.2	1.2	0.0
Croatia	3.3			-1.2	1.2	0.0
Cyprus				0.3	0.0	
Czechia				0.0	0.0	
France	0.2	17.9	0.3	-71.4	71.4	0.0
Georgia				4.0	-4.0	0.0
Germany	0.1	0.0	0.0	2.8	-2.8	0.0
Greece		-0.7	0.0	-0.2	0.2	0.0
Hungary				1.9	-1.9	0.0
Israel				0.0	0.0	0.0
Italy	-5.5	0.0		25.4	-25.4	0.0
Japan					0.9	0.0
Kazakhstan				0.0	0.0	
Lebanon				0.0	0.0	0.0
Moldova				1.9	0.0	
Montenegro				0.5	0.0	
Morocco					0.0	0.0
North Macedonia				0.0	0.0	
Peru					0.1	0.0
Portugal	-1.6	0.0		7.4	-7.4	0.0
Romania				1.1	-1.1	0.0
Russia				0.2	-0.2	0.0
Serbia				0.1	-0.1	0.0
Slovenia				0.1	0.0	
South Africa	-0.1			-1.3	1.3	0.0
Spain	-10.3	-0.3		45.3	-45.3	0.0
Switzerland				0.4	-0.4	0.0
Taiwan					0.0	0.0
Thailand					0.0	0.0
Turkey				0.2	-0.2	0.0
Ukraine	-0.1			0.4	-0.4	0.0
United Kingdom	-0.1	0.3		0.1	-0.1	0.0
United States	4.0	0.0		-6.9	6.9	0.0
Unknown origin & other varieties	0.0	-4.6	0.0	-1.5	1.5	0.0
<b>Old World subtotal</b>	0.0	-0.4	-0.3	24.1	-24.1	0.0
<b>New World subtotal</b>		2.7	0.3	-23.4	23.4	0.0
<b>World total</b>	0.0	0.0	0.0	0.0	0.0	0.0

Table 22: National shares of global winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Canada</i>	<i>Chile</i>
<i>Country of origin↓</i>									
Algeria									
Argentina		99.9							0.1
Armenia			95.5						
Australia				100.0					
Austria		0.0			43.3				
Azerbaijan									
Belgium									
Brazil		100.0							
Bulgaria						99.3			
Canada									
Chile								100.0	
China									
Croatia		0.0			3.0	0.6	2.5		0.1
Cyprus									
France	1.2	5.7		7.1	0.4	0.6	2.1	0.4	5.8
Georgia			2.9				11.1		
Germany		0.1		3.2	5.1	0.1	1.4	0.6	0.4
Greece		14.6	0.5	3.5	0.1	0.7			
Hungary					0.0		8.1		
Israel									
Italy		1.4		0.2		0.1	0.3		0.0
Japan									
Kazakhstan									
Lebanon				17.8					
Moldova									
Morocco		1.8							
Peru									
Portugal		0.0		1.0					3.2
Romania									
Russia		10.1							
Serbia									
Slovenia					100.0				
South Africa									
Spain	1.0	0.5		0.3					1.4
Switzerland									3.0
Thailand									
Turkey				61.4					
Ukraine						29.5			
United Kingdom		0.0				6.3			
United States		4.5		3.1		39.4	3.8	2.0	
Uzbekistan									
Unknown origin & other varieties		0.0	0.9	1.2	0.3	2.0	1.2	0.2	2.2
<b>Old World subtotal</b>	<b>0.7</b>	<b>2.7</b>	<b>0.2</b>	<b>2.9</b>	<b>1.1</b>	<b>0.3</b>	<b>2.1</b>	<b>0.1</b>	<b>2.4</b>
<b>New World subtotal</b>		<b>46.8</b>		<b>1.4</b>		<b>17.2</b>	<b>1.9</b>	<b>0.9</b>	<b>0.1</b>
<b>World total</b>	<b>0.6</b>	<b>4.0</b>	<b>0.2</b>	<b>2.7</b>	<b>1.0</b>	<b>1.1</b>	<b>2.0</b>	<b>0.2</b>	<b>2.3</b>

Table 22 (cont.): National shares of global winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>	<i>Greece</i>	<i>Hungary</i>	<i>Israel</i>
<i>Country of origin↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	1.7		6.3	3.0		18.2			18.6
Azerbaijan									
Belgium									
Brazil									
Bulgaria							0.3	0.3	
Canada									
Chile									
China									
Croatia	25.9		0.9	0.0					4.6
Cyprus		100.0							
France	0.1		0.0	39.0	0.0	1.3	0.1	0.6	0.2
Georgia					40.5				
Germany			2.1	5.4		59.9		4.2	
Greece				9.2		0.1	37.1	1.4	0.2
Hungary				0.0				75.6	
Israel									54.1
Italy				15.2		0.4	0.1		
Japan									
Kazakhstan									
Lebanon									
Moldova								3.9	
Morocco									
Peru									
Portugal									
Romania								7.4	
Russia									
Serbia									
Slovenia									
South Africa									
Spain				16.3		0.0		0.1	
Switzerland				7.0		8.8		14.0	
Thailand									
Turkey									
Ukraine									
United Kingdom				10.6					
United States				0.0				0.4	
Uzbekistan									
Unknown origin & other varieties	3.7	0.9	0.5	0.4	0.5	0.2	1.4	5.4	0.2
<b>Old World subtotal</b>	<b>1.0</b>	<b>0.3</b>	<b>0.2</b>	<b>20.7</b>	<b>0.8</b>	<b>2.5</b>	<b>1.0</b>	<b>1.4</b>	<b>0.1</b>
<b>New World subtotal</b>					<b>0.4</b>				<b>0.2</b>
<b>World total</b>	<b>1.2</b>	<b>0.4</b>	<b>0.2</b>	<b>17.7</b>	<b>0.8</b>	<b>2.1</b>	<b>1.0</b>	<b>1.8</b>	<b>0.1</b>

Table 22 (cont.): National shares of global winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Italy</i>	<i>Korea, Rep.</i>	<i>Luxembourg</i>	<i>Moldova</i>	<i>Morocco</i>	<i>New Zealand</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>
<i>Country of origin↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	0.6		0.0	0.1		0.0			
Azerbaijan									
Belgium									
Brazil									
Bulgaria				0.0					
Canada									
Chile									
China									
Croatia	9.4							10.4	
Cyprus									
France	5.6		0.0	4.1	0.4	0.6	0.3	2.9	0.6
Georgia				14.4				0.6	16.6
Germany	1.9		0.7	3.7		1.0		0.4	1.2
Greece	12.8			0.2	3.3		1.7	0.9	
Hungary	0.7			0.1					14.6
Israel									
Italy	79.9						0.3		
Japan		66.0							
Kazakhstan									
Lebanon	82.2							77.1	
Moldova				17.5					
Morocco					98.2				
Peru									
Portugal							86.0		
Romania				1.0				87.6	
Russia				1.7					88.1
Serbia									
Slovenia									
South Africa						1.0			
Spain	0.7				0.5	0.0	0.9		
Switzerland	0.5					0.2			
Thailand									
Turkey									
Ukraine				13.3					18.7
United Kingdom	2.8								
United States		0.7		14.2		0.0			
Uzbekistan				100.0					
Unknown origin & other varieties	3.2	0.2			3.0	0.1	13.0	26.3	4.8
<b>Old World subtotal</b>	<b>14.8</b>		<b>0.0</b>	<b>1.9</b>	<b>0.8</b>	<b>0.2</b>	<b>3.3</b>	<b>2.0</b>	<b>0.7</b>
<b>New World subtotal</b>	<b>0.1</b>	<b>2.5</b>		<b>6.2</b>		<b>0.0</b>			
<b>World total</b>	<b>13.0</b>	<b>0.1</b>	<b>0.0</b>	<b>1.8</b>	<b>1.0</b>	<b>0.2</b>	<b>4.2</b>	<b>4.5</b>	<b>1.2</b>

Table 22 (cont.): National shares of global winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>	<i>Africa</i>	<i>Spain</i>	<i>South</i> <i>Africa</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Tunisia</i>	<i>UK</i>
<i>Country of origin↓</i>										
Algeria					100.0					
Argentina										
Armenia										
Australia										
Austria		7.1			0.0		0.3			0.1
Azerbaijan										
Belgium					100.0					
Brazil										
Bulgaria										
Canada										
Chile										
China										
Croatia	22.9	2.7	2.5	0.0	1.3				0.2	
Cyprus										
France		0.1	0.3	5.5	2.1		0.6		0.2	0.0
Georgia										
Germany		1.6			0.9	0.1		0.7		0.3
Greece					4.7	5.7		0.0		
Hungary					1.0					
Israel					45.9					
Italy			0.4	0.0	0.3		0.0	0.0	0.1	
Japan								25.2		
Kazakhstan										
Lebanon					0.0					
Moldova		1.2								
Morocco										
Peru										
Portugal					0.6	9.1				
Romania		4.0								
Russia										
Serbia	100.0									
Slovenia										
South Africa				99.0						
Spain				0.1	76.6				0.7	
Switzerland	25.3				0.0		41.3			
Thailand										
Turkey					0.0					
Ukraine										
United Kingdom	39.1				0.1					
United States				3.0	0.5			1.5		
Uzbekistan										
Unknown origin & other varieties	2.7	0.5	2.6	0.0	21.3		0.0		0.6	0.0
<b>Old World subtotal</b>	<b>1.2</b>	<b>0.3</b>	<b>0.2</b>	<b>2.0</b>	<b>25.6</b>	<b>0.4</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	
<b>New World subtotal</b>	<b>1.5</b>				<b>5.2</b>	<b>0.2</b>		<b>1.5</b>		
<b>World total</b>	<b>1.4</b>	<b>0.3</b>	<b>0.5</b>	<b>1.9</b>	<b>24.2</b>		<b>0.3</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>

Table 22 (cont.): National shares of global winegrape area by varietal country of origin, 2000 (%)

<i>Country of planting →</i>	<i>USA</i>	<i>Uruguay</i>	<i>Missing 9</i>	<i>Old</i>	<i>New</i>	
				<i>World</i>	<i>World</i>	<i>World</i>
<i>Country of origin↓</i>						
Algeria				<b>100.0</b>	<b>0.0</b>	<b>100</b>
Argentina			0.0	<b>0.0</b>	<b>100.0</b>	<b>100</b>
Armenia			4.5	<b>95.5</b>	<b>0.0</b>	<b>100</b>
Australia				<b>0.0</b>	<b>100.0</b>	<b>100</b>
Austria	0.1		0.5	<b>99.3</b>	<b>0.2</b>	<b>100</b>
Azerbaijan			100.0	<b>0.0</b>	<b>0.0</b>	<b>100</b>
Belgium				<b>100.0</b>	<b>0.0</b>	<b>100</b>
Brazil				<b>0.0</b>	<b>100.0</b>	<b>100</b>
Bulgaria				<b>100.0</b>	<b>0.0</b>	<b>100</b>
Canada	100.0			<b>0.0</b>	<b>100.0</b>	<b>100</b>
Chile				<b>0.0</b>	<b>100.0</b>	<b>100</b>
China			100.0	<b>0.0</b>	<b>0.0</b>	<b>100</b>
Croatia	12.9			<b>86.4</b>	<b>13.6</b>	<b>100</b>
Cyprus				<b>100.0</b>	<b>0.0</b>	<b>100</b>
France	8.5	0.4	3.3	<b>62.1</b>	<b>34.6</b>	<b>100</b>
Georgia			14.0	<b>86.0</b>	<b>0.0</b>	<b>100</b>
Germany	2.3		2.9	<b>88.3</b>	<b>8.9</b>	<b>100</b>
Greece	2.3		1.0	<b>73.2</b>	<b>25.7</b>	<b>100</b>
Hungary				<b>99.0</b>	<b>1.0</b>	<b>100</b>
Israel				<b>54.1</b>	<b>45.9</b>	<b>100</b>
Italy	1.1		0.1	<b>97.0</b>	<b>2.9</b>	<b>100</b>
Japan			8.7	<b>0.0</b>	<b>91.3</b>	<b>100</b>
Kazakhstan			100.0	<b>0.0</b>	<b>0.0</b>	<b>100</b>
Lebanon				<b>82.2</b>	<b>17.8</b>	<b>100</b>
Moldova			0.3	<b>99.7</b>	<b>0.0</b>	<b>100</b>
Morocco				<b>98.2</b>	<b>1.8</b>	<b>100</b>
Peru			100.0	<b>0.0</b>	<b>0.0</b>	<b>100</b>
Portugal	0.0			<b>95.2</b>	<b>4.8</b>	<b>100</b>
Romania				<b>100.0</b>	<b>0.0</b>	<b>100</b>
Russia				<b>89.9</b>	<b>10.1</b>	<b>100</b>
Serbia				<b>100.0</b>	<b>0.0</b>	<b>100</b>
Slovenia				<b>100.0</b>	<b>0.0</b>	<b>100</b>
South Africa				<b>0.0</b>	<b>100.0</b>	<b>100</b>
Spain	0.7		0.1	<b>96.9</b>	<b>3.0</b>	<b>100</b>
Switzerland				<b>96.9</b>	<b>3.1</b>	<b>100</b>
Thailand			100.0	<b>0.0</b>	<b>0.0</b>	<b>100</b>
Turkey			38.5	<b>0.0</b>	<b>61.4</b>	<b>100</b>
Ukraine			38.5	<b>61.5</b>	<b>0.0</b>	<b>100</b>
United Kingdom	0.2	40.8		<b>58.9</b>	<b>41.1</b>	<b>100</b>
United States	24.1		3.0	<b>18.8</b>	<b>78.1</b>	<b>100</b>
Uzbekishtan				<b>100.0</b>	<b>0.0</b>	<b>100</b>
Unknown origin & other varieties	0.2	0.2	0.2	<b>93.5</b>	<b>6.3</b>	<b>100</b>
<b>Old World subtotal</b>	<b>3.7</b>	<b>0.1</b>	<b>1.8</b>	<b>83.7</b>	<b>14.5</b>	<b>100</b>
<b>New World subtotal</b>	<b>10.6</b>	<b>1.6</b>	<b>1.8</b>	<b>10.5</b>	<b>87.8</b>	<b>100</b>
<b>World total</b>	<b>3.6</b>	<b>0.2</b>	<b>1.6</b>	<b>82</b>	<b>16</b>	<b>100</b>

Table 23: National shares of global winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Canada</i>	<i>Chile</i>
<i>Country of origin ↓</i>									
Algeria									
Argentina		99.2							0.7
Armenia			93.7						
Australia				100.0					
Austria		0.0			40.8	0.0		0.1	0.0
Azerbaijan									
Brazil		8.9				91.1			
Bulgaria							82.9		
Canada								35.8	
Chile									100.0
China									0.9
Croatia		0.0			0.1	3.2	0.2		0.0
Cyprus									
Czechia									
France	1.0	6.2			7.8	0.4	0.9	1.4	0.5
Georgia			3.1					3.9	
Germany		0.1			4.4	4.1	0.0	0.7	1.4
Greece		12.1	0.5		2.6	0.5	0.9		1.1
Hungary		0.0				0.0	0.0	1.1	0.0
Israel									
Italy		1.4			0.2		0.1	0.1	0.0
Japan							0.3		
Kazakhstan									
Lebanon									
Moldova									
Montenegro									
Morocco		1.6							
Peru									
Portugal		0.0			1.2		0.1		0.0
Romania									
Russia								0.0	
Serbia									
Slovakia									
Slovenia					18.1				
South Africa							1.0		0.1
Spain	1.2	0.7			0.3		0.0		0.0
Switzerland							0.0		0.4
Thailand								0.5	0.6
Turkey					4.3				
Ukraine									
United Kingdom		0.0							
United States		0.5			1.4		40.0		0.6
Uzbekistan									
Unknown origin & other varieties		0.0	2.0	1.1	0.6	0.9	4.1	0.1	0.0
<b>Old World subtotal</b>	<b>0.7</b>	<b>3.2</b>	<b>0.2</b>	<b>3.5</b>	<b>1.0</b>	<b>0.4</b>	<b>1.1</b>	<b>0.2</b>	<b>2.6</b>
<b>New World subtotal</b>		<b>44.6</b>		<b>0.6</b>		<b>17.4</b>		<b>0.3</b>	<b>0.4</b>
<b>World total</b>	<b>0.7</b>	<b>4.6</b>	<b>0.2</b>	<b>3.3</b>	<b>1.0</b>	<b>1.1</b>	<b>1.2</b>	<b>0.2</b>	<b>2.4</b>

Table 23 (cont.): National shares of global winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>China</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>Ethiopia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>	<i>Greece</i>
<i>Country of origin ↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	1.2					2.0			
Azerbaijan								17.0	0.0
Brazil									
Bulgaria	0.0								0.2
Canada									
Chile									
China									
Croatia	10.1			1.1		0.0			
Cyprus		100.0			70.1			0.3	
Czechia									
France	1.7	0.2	0.1	0.2	0.0	32.3	0.0	1.5	0.3
Georgia		0.1					54.6		
Germany	0.4	0.9		3.1		5.9		52.4	0.0
Greece		0.1	0.2			10.0		0.2	37.3
Hungary		0.5		0.1		0.0			
Israel									
Italy		0.2				0.0	16.5		
Japan								0.4	0.1
Kazakhstan							13.7		
Lebanon									
Moldova									
Montenegro		100.0							
Morocco									
Peru									
Portugal									
Romania									
Russia		1.7							
Serbia		0.2							
Slovakia									
Slovenia		10.3							
South Africa									
Spain	0.0	0.0	0.1			13.9			0.1
Switzerland		0.1				17.1			7.9
Thailand									
Turkey			3.7			0.0	0.0		
Ukraine				0.1					
United Kingdom		0.2				42.3			0.8
United States	0.1	0.1				0.0	0.3		
Uzbekistan									
Unknown origin & other varieties		1.3	0.1	0.1		3.0	1.4	0.4	4.0
<b>Old World subtotal</b>	<b>0.7</b>	<b>0.4</b>	<b>0.2</b>	<b>0.4</b>	<b>0.0</b>	<b>19.6</b>	<b>1.1</b>	<b>2.4</b>	<b>1.1</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>0.1</b>			<b>0.0</b>	<b>2.1</b>		<b>0.0</b>	
<b>World total</b>	<b>0.6</b>	<b>0.4</b>	<b>0.2</b>	<b>0.4</b>	<b>0.0</b>	<b>18.1</b>	<b>1.0</b>	<b>2.2</b>	<b>1.2</b>

Table 23 (cont.): National shares of global winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Hungary</i>	<i>Israel</i>	<i>Italy</i>	<i>Japan</i>	<i>Kazakhstan</i>	<i>Korea, Rep.2</i>	<i>Luxembourg</i>	<i>Mexico</i>	<i>Moldova</i>
<i>Country of origin↓</i>									
Algeria									
Argentina									
Armenia									
Australia									
Austria	18.9		0.7	0.3					0.1
Azerbaijan						100.0			
Brazil									
Bulgaria		0.4							0.0
Canada									
Chile									
China									
Croatia	4.4		18.6						
Cyprus									
Czechia									
France	0.9	0.1	6.5	0.1	0.0		0.0	0.1	3.2
Georgia					4.9				15.1
Germany	3.0		2.9	0.5	0.1		0.6		3.8
Greece	0.7	0.2	12.2		0.2			0.2	0.2
Hungary	53.4		34.0						0.0
Israel		89.2							
Italy	0.0		78.6					0.0	
Japan				11.7		63.4			
Kazakhstan					100.0				
Lebanon			84.2						
Moldova					0.5				21.1
Montenegro									
Morocco									
Peru									
Portugal		0.1							
Romania		0.2							0.4
Russia									0.8
Serbia		0.0							
Slovakia									
Slovenia		0.7							
South Africa									
Spain		0.1	0.8					0.1	
Switzerland	13.2		0.6						
Thailand									
Turkey							8.4		
Ukraine	0.1				0.0				14.0
United Kingdom	0.1		0.9						
United States		0.5		0.4	0.0	0.9		0.7	16.3
Uzbekistan									100.0
Unknown origin & other varieties	1.8	0.4	9.8		0.4	0.4	0.0	0.3	
<b>Old World subtotal</b>	<b>1.6</b>	<b>0.1</b>	<b>14.3</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>1.9</b>
<b>New World subtotal</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.6</b>	<b>0.0</b>	<b>2.7</b>	<b>0.3</b>	<b>0.3</b>	<b>6.7</b>
<b>World total</b>	<b>1.5</b>	<b>0.1</b>	<b>13.6</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>1.9</b>

Table 23 (cont.): National shares of global winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Morocco</i>	<i>Myanmar</i>	<i>New Zealand</i>	<i>Peru</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>
<i>Country of origin ↓</i>							
Algeria							
Argentina				0.0			
Armenia							
Australia							
Austria			0.0	0.4	0.1	1.3	
Azerbaijan							
Brazil							14.2
Bulgaria							2.3
Canada							
Chile							
China			1.1				98.0
Croatia		0.0				7.0	
Cyprus							
Czechia							
France	0.3	0.0	1.7	0.0	0.9	2.0	0.6
Georgia						0.4	1.8
Germany			1.3		0.0	0.3	0.9
Greece	3.4	0.0		0.3	1.3	0.8	0.2
Hungary						0.3	7.7
Israel							
Italy			0.0	0.2	0.2	0.0	0.0
Japan							
Kazakhstan							
Lebanon							
Moldova						71.9	5.1
Montenegro							
Morocco	98.4						
Peru			95.8				
Portugal		0.0			89.6	0.0	
Romania						98.2	
Russia						0.3	97.1
Serbia						0.3	
Slovakia							
Slovenia							
South Africa			1.0				
Spain	0.5	0.0		0.0	2.2	0.0	
Switzerland			0.0		0.6		0.1
Thailand							
Turkey			0.1				
Ukraine							26.0
United Kingdom							2.2
United States			0.0	0.5			0.2
Uzbekistan							
Unknown origin & other varieties	6.8		0.4		0.6	38.8	0.1
<b>Old World subtotal</b>	<b>0.8</b>	<b>0.0</b>	<b>0.7</b>	<b>0.1</b>	<b>3.8</b>	<b>2.0</b>	<b>0.6</b>
<b>New World subtotal</b>			<b>0.0</b>	<b>0.4</b>			<b>0.3</b>
<b>World total</b>	<b>1.1</b>	<b>0.0</b>	<b>0.7</b>	<b>0.1</b>	<b>3.5</b>	<b>3.7</b>	<b>0.6</b>

Table 23 (cont.): National shares of global winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>	<i>Africa</i>	<i>Spain</i>	<i>South</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Thailand</i>	<i>Tunisia</i>
<i>Country of origin ↓</i>										
Algeria						100.0				
Argentina										
Armenia										
Australia										
Austria	7.0	1.0					0.4			
Azerbaijan										
Brazil										
Bulgaria										
Canada										
Chile										
China										
Croatia	30.9	1.5	3.1	0.0	0.7					0.3
Cyprus										
Czechia		29.6								
France	0.1	0.3	5.0	5.5		0.5			0.0	0.1
Georgia										
Germany	1.6	0.6	0.4	0.4		0.7			0.0	
Greece	0.0	0.3	3.0	8.9		0.0			0.0	
Hungary	1.3	1.3	0.1			0.0				
Israel			10.8							
Italy		0.4	0.0	0.1		0.0	0.0	0.0	0.0	0.2
Japan							24.3		0.3	
Kazakhstan										
Lebanon					2.1					
Moldova	1.0	0.3								
Montenegro										
Morocco										
Peru				4.2						
Portugal			0.4	8.5						
Romania		1.1								
Russia										
Serbia	99.4									
Slovakia		100.0								
Slovenia		0.4	70.4							
South Africa				97.7						
Spain				0.1	78.1				0.0	0.9
Switzerland	24.0				0.1		35.0			
Thailand								100.0		
Turkey										
Ukraine		1.9								
United Kingdom	33.9				0.0					
United States				3.3	0.1			1.7		
Uzbekistan										
Unknown origin & other varieties	6.4	0.2	1.1	0.0	8.4	0.1				1.5
<b>Old World subtotal</b>	<b>1.2</b>	<b>0.3</b>	<b>0.3</b>	<b>2.2</b>	<b>23.9</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>
<b>New World subtotal</b>	<b>1.6</b>			<b>5.4</b>	<b>0.3</b>		<b>1.6</b>	<b>0.0</b>		
<b>World total</b>	<b>1.5</b>	<b>0.3</b>	<b>0.4</b>	<b>2.2</b>	<b>22.3</b>	<b>0.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.4</b>	

Table 23 (cont.): National shares of global winegrape area by varietal country of origin, 2010 (%)

<i>Country of planting →</i>	<i>Turkey</i>	<i>Ukraine</i>	<i>UK</i>	<i>USA</i>	<i>Uruguay</i>	<i>Old World</i>	<i>New World</i>	<i>World</i>	
<i>Country of origin ↓</i>									
Algeria						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Argentina						<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Armenia		6.3				<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Australia						<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Austria			0.0	0.0		<b>99.1</b>	<b>0.9</b>	<b>100</b>	
Azerbaijan						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Brazil						<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Bulgaria						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Canada				64.2		<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Chile						<b>0.0</b>	<b>100.0</b>	<b>100</b>	
China						<b>98.0</b>	<b>2.0</b>	<b>100</b>	
Croatia				18.5		<b>81.0</b>	<b>19.0</b>	<b>100</b>	
Cyprus						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Czechia						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
France	0.2	1.5	0.0	9.4	0.3	<b>60.2</b>	<b>39.8</b>	<b>100</b>	
Georgia		16.2				<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Germany	0.0	3.2	0.4	5.3	0.0	<b>85.2</b>	<b>14.8</b>	<b>100</b>	
Greece	0.1	0.6		1.9	0.0	<b>77.8</b>	<b>22.2</b>	<b>100</b>	
Hungary						<b>99.8</b>	<b>0.2</b>	<b>100</b>	
Israel						<b>89.2</b>	<b>10.8</b>	<b>100</b>	
Italy		0.0			0.8	0.1	<b>97.0</b>	<b>3.0</b>	<b>100</b>
Japan						<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Kazakhstan						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Lebanon						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Moldova						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Montenegro						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Morocco						<b>98.4</b>	<b>1.6</b>	<b>100</b>	
Peru						<b>4.2</b>	<b>95.8</b>	<b>100</b>	
Portugal		0.0		0.1	0.0	<b>98.1</b>	<b>1.9</b>	<b>100</b>	
Romania						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Russia						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Serbia						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Slovakia						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Slovenia						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
South Africa				0.1		<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Spain		0.0		0.5	0.0	<b>97.8</b>	<b>2.2</b>	<b>100</b>	
Switzerland						<b>98.9</b>	<b>1.1</b>	<b>100</b>	
Thailand						<b>0.0</b>	<b>100.0</b>	<b>100</b>	
Turkey	83.5					<b>87.2</b>	<b>12.8</b>	<b>100</b>	
Ukraine		57.9				<b>100.0</b>	<b>0.0</b>	<b>100</b>	
United Kingdom				1.1	18.4	<b>80.4</b>	<b>19.6</b>	<b>100</b>	
United States			3.4	28.8	0.4	<b>21.4</b>	<b>78.6</b>	<b>100</b>	
Uzbekistan						<b>100.0</b>	<b>0.0</b>	<b>100</b>	
Unknown origin & other varieties				3.4	0.2	<b>93.2</b>	<b>6.8</b>	<b>100</b>	
<b>Old World subtotal</b>	<b>0.3</b>	<b>1.2</b>	<b>0.0</b>	<b>4.7</b>	<b>0.1</b>	<b>81.2</b>	<b>18.8</b>	<b>100</b>	
<b>New World subtotal</b>				<b>1.4</b>	<b>11.9</b>	<b>1.0</b>	<b>12.8</b>	<b>87.2</b>	<b>100</b>
<b>World total</b>	<b>0.3</b>	<b>1.1</b>	<b>0.0</b>	<b>4.9</b>	<b>0.2</b>	<b>79.3</b>	<b>20.7</b>	<b>100</b>	

Table 24: National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Algeria</i>	<i>Argentina</i>	<i>Armenia</i>	<i>Australia</i>	<i>Austria</i>	<i>Brazil</i>	<i>Bulgaria</i>	<i>Cambodia</i>	<i>Canada</i>
<i>Country of origin↓</i>									
Algeria									
Argentina		90.7							
Australia				100.0					
Austria		0.0		0.0	43.8				0.1
Azerbaijan									
Bosnia and Herzegovina									
Brazil					100.0				
Bulgaria						61.8			
Canada					34.7			55.4	
Chile									
China									
Croatia		0.0		0.1	4.9	0.3			0.0
Cyprus									
Czechia									
France	0.2	6.6		6.8	0.4	0.7	1.6	0.0	0.5
Georgia				0.0			7.5		
Germany		0.1		2.9	3.6	0.0	0.5		1.6
Greece	0.2	7.8		2.7	0.7	0.6			0.0
Hungary				0.0	0.0	0.0	3.4		0.0
Israel									
Italy		1.2		0.3		0.1	0.1		0.0
Japan							0.1		
Kazakhstan									
Lebanon				0.1					
Moldova									
Montenegro									
Morocco		100.0							
North Macedonia									
Peru									
Portugal		0.0		0.8		0.0		0.0	
Romania									
Russia								0.0	
Serbia									
Slovenia				18.7					
South Africa				0.0		0.2		0.1	
Spain	0.5	0.8		0.3		0.0		0.0	
Switzerland								1.7	
Taiwan									
Thailand									
Turkey	0.9			0.4					
Ukraine								0.0	
United Kingdom				0.5					
United States		0.0		2.1		31.6		1.1	
Unknown origin & other varieties		0.0	4.2	0.0	0.3			0.1	
<b>Old World subtotal</b>	<b>0.2</b>	<b>3.5</b>		<b>3.3</b>	<b>1.1</b>	<b>0.3</b>	<b>1.3</b>	<b>0.0</b>	<b>0.3</b>
<b>New World subtotal</b>		<b>42.1</b>		<b>0.8</b>		<b>12.6</b>		<b>0.0</b>	<b>0.4</b>
<b>World total</b>	<b>0.2</b>	<b>4.6</b>	<b>0.3</b>	<b>3.0</b>	<b>1.0</b>	<b>0.7</b>	<b>1.2</b>	<b>0.0</b>	<b>0.3</b>

Table 24 (cont.): National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting</i> →	<i>Chile</i>	<i>China</i>	<i>Croatia</i>	<i>Cyprus</i>	<i>Czechia</i>	<i>Ethiopia</i>	<i>France</i>	<i>Georgia</i>	<i>Germany</i>
<i>Country of origin</i> ↓									
Algeria	100.0								
Argentina		9.2							
Australia									
Austria	0.0		0.8		8.1		1.6		16.0
Azerbaijan									
Bosnia and Herzegovina									
Brazil									
Bulgaria									
Canada									
Chile	100.0								
China	0.0	97.7							
Croatia	0.1	4.5	12.7		1.7		0.0		
Cyprus				100.0					
Czechia								100.0	
France	6.8	4.6	0.1		0.2	0.0	29.8	0.0	1.5
Georgia	0.0							61.4	
Germany	0.7	1.4	0.5		2.8		6.4		47.4
Greece	6.1	2.5					8.5		0.2
Hungary							0.0		0.0
Israel									
Italy	0.1	0.3				0.0	16.2		0.4
Japan									
Kazakhstan							23.5		
Lebanon									
Moldova									
Montenegro									
Morocco									
North Macedonia									
Peru									
Portugal	0.0								
Romania									
Russia									
Serbia									
Slovenia									
South Africa									
Spain	1.1	0.4				13.4			
Switzerland	2.2					7.0		11.6	
Taiwan									
Thailand									
Turkey					0.0	0.0			
Ukraine									
United Kingdom						30.3		1.1	
United States	0.0					0.0	0.4		
Unknown origin & other varieties		22.4				16.7	0.9	0.1	
<b>Old World subtotal</b>	<b>3.5</b>	<b>2.3</b>	<b>0.3</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>	<b>19.0</b>	<b>1.1</b>	<b>2.4</b>
<b>New World subtotal</b>	<b>4.3</b>	<b>4.7</b>				<b>0.0</b>	<b>1.6</b>		<b>0.1</b>
<b>World total</b>	<b>3.3</b>	<b>4.0</b>	<b>0.3</b>	<b>0.1</b>	<b>0.3</b>	<b>0.0</b>	<b>18.2</b>	<b>1.1</b>	<b>2.1</b>

Table 24 (cont.): National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting</i> →	Greece	Hungary	India	Israel	Italy	Japan	Kazakhstan	Korea, Rep.
Country of origin↓								
Algeria								
Argentina								
Australia								
Austria	0.0	18.3			0.2	0.1		
Azerbaijan							100.0	
Bosnia and Herzegovina								
Brazil								
Bulgaria	0.1	0.1						
Canada								
Chile								
China								
Croatia		5.9			27.4			
Cyprus								
Czechia								
France	0.3	0.8	0.1	0.2	6.2	0.0	0.0	
Georgia							5.5	
Germany	0.0	3.2			3.6	0.1	0.1	
Greece	33.9	0.6	0.1	0.2	12.3		0.2	
Hungary		77.9			0.0			
Israel				97.8				
Italy	0.0	0.0	0.1		78.4			
Japan						25.6	72.3	
Kazakhstan							100.0	
Lebanon					19.5			
Moldova		0.0					0.3	
Montenegro		0.0						
Morocco								
North Macedonia								
Peru								
Portugal		0.2						
Romania		0.2						
Russia								
Serbia		0.9						
Slovenia		0.6						
South Africa								
Spain	0.0			0.1	0.8			
Switzerland		12.9			0.5			
Taiwan								
Thailand								
Turkey			8.5					
Ukraine		0.1					0.0	
United Kingdom	29.8	0.2			0.3			
United States				0.2		2.7	0.0	1.2
Unknown origin & other varieties	0.5	0.3		0.0	10.4	0.1	0.3	0.2
<b>Old World subtotal</b>	<b>1.2</b>	<b>1.6</b>	<b>0.1</b>	<b>0.1</b>	<b>14.3</b>	<b>0.0</b>	<b>0.2</b>	
<b>New World subtotal</b>	<b>1.4</b>	<b>0.0</b>		<b>0.1</b>	<b>0.0</b>	<b>1.8</b>	<b>0.0</b>	<b>2.9</b>
<b>World total</b>	<b>1.1</b>	<b>1.4</b>	<b>0.1</b>	<b>0.1</b>	<b>13.5</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>

Table 24 (cont.): National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting →</i>	<i>Lebanon Luxembourg</i>	<i>Mexico</i>	<i>Moldova</i>	<i>Morocco</i>	<i>Myanmar</i>	<i>New Zealand</i>	<i>North Macedonia</i>
<i>Country of origin ↓</i>							
Algeria							
Argentina							
Australia							
Austria	0.0		0.0			0.1	
Azerbaijan							
Bosnia and Herzegovina							100.0
Brazil							
Bulgaria				0.0			25.1
Canada							
Chile							
China							
Croatia						0.0	2.0
Cyprus							
Czechia							
France	0.2	0.0	0.1	2.4	0.4	0.0	0.2
Georgia				6.2			0.6
Germany	0.5			2.5			0.9
Greece	0.0	0.2	0.0	1.8	0.0	0.0	0.3
Hungary				5.2			
Israel							
Italy		0.0	0.1	0.6			0.0
Japan							
Kazakhstan							
Lebanon				22.5			
Moldova				52.5			
Montenegro							100.0
Morocco							
North Macedonia							100.0
Peru							
Portugal						0.0	
Romania				2.0			
Russia				16.9			
Serbia							35.2
Slovenia							
South Africa							0.5
Spain	0.1			0.3	0.0	0.0	
Switzerland				3.7			
Taiwan							
Thailand							
Turkey	7.1			6.1			
Ukraine				28.9			
United Kingdom				3.3			4.6
United States	0.9		8.0	1.2		0.0	
Unknown origin & other varieties	0.2	0.0	0.2	1.5	0.4	0.0	0.0
<b>Old World subtotal</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>1.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.9</b>
<b>New World subtotal</b>			<b>0.3</b>	<b>2.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.2</b>
<b>World total</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>1.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.8</b>
							<b>0.6</b>

Table 24 (cont.): National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting</i> →	<i>Norway</i>	<i>Peru</i>	<i>Portugal</i>	<i>Romania</i>	<i>Russia</i>	<i>Serbia</i>	<i>Slovakia</i>	<i>Slovenia</i>
<i>Country of origin</i> ↓								
Algeria								
Argentina		0.0						
Australia								
Austria		0.4	0.1	1.9		1.1	5.5	1.4
Azerbaijan								
Bosnia and Herzegovina								
Brazil								
Bulgaria				10.1	1.8	1.0		
Canada								
Chile								
China		0.0		2.3				
Croatia				2.2		3.1	0.7	4.7
Cyprus								
Czechia								
France		0.0	0.9	2.3	1.5	0.4	0.1	0.3
Georgia				0.6	10.0	0.1		
Germany	0.0		0.0	5.8	2.5	1.3	1.0	0.7
Greece		0.3	2.1	1.3	0.4	0.0		0.5
Hungary				0.5	11.1	0.0		1.6
Israel								
Italy		0.2	0.2	0.0	0.0			0.4
Japan								
Kazakhstan								
Lebanon						34.4		
Moldova				44.1	3.1			
Montenegro						0.0		
Morocco								
North Macedonia								
Peru	100.0							
Portugal		90.8	0.0					
Romania			97.7					
Russia				0.3	81.3	1.5		
Serbia				2.6		61.3		
Slovenia							80.6	
South Africa								
Spain		0.1	2.6	0.0				
Switzerland			0.9	1.4	0.2			
Taiwan								
Thailand								
Turkey		0.1						
Ukraine					55.2			
United Kingdom					2.3	8.1		
United States		0.7			2.6	0.0		
Unknown origin & other varieties	0.0		2.5	27.3	0.1	2.3	0.5	0.5
<b>Old World subtotal</b>		<b>0.1</b>	<b>4.4</b>	<b>2.2</b>	<b>1.2</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>
<b>New World subtotal</b>		<b>0.4</b>			<b>1.1</b>	<b>0.4</b>		
<b>World total</b>		<b>0.1</b>	<b>4.1</b>	<b>4.1</b>	<b>1.1</b>	<b>0.5</b>	<b>0.2</b>	<b>0.4</b>

Table 24 (cont.): National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting</i> →	<i>South Africa</i>	<i>Spain</i>	<i>Switzerland</i>	<i>Taiwan</i>	<i>Thailand</i>	<i>Tunisia</i>	<i>Turkey</i>	<i>Ukraine</i>
<i>Country of origin</i> ↓								
Algeria								
Argentina								
Australia								
Austria	0.0		0.4					
Azerbaijan								
Bosnia and Herzegovina								
Brazil								
Bulgaria								
Canada								
Chile								
China								
Croatia	0.0	1.6	0.0					
Cyprus								
Czechia								
France	4.6	5.1	0.5		0.0	0.1	0.3	0.8
Georgia								8.0
Germany	0.3	0.5	0.7		0.0		0.0	1.6
Greece	2.5	10.2	0.0		0.0	0.3	0.1	0.3
Hungary	0.2		0.0					
Israel	2.2							
Italy	0.1	0.1	0.0		0.0	0.1	0.0	
Japan				1.7	0.3			
Kazakhstan								
Lebanon								
Moldova								
Montenegro								
Morocco								
North Macedonia								
Peru								
Portugal	0.4	7.5	0.0		0.0			
Romania	0.1							
Russia								
Serbia	0.0							
Slovenia			0.0					
South Africa	99.0		0.0					
Spain	0.1	78.6	0.0		0.0	0.0	0.0	
Switzerland		0.3	57.6					
Taiwan				100.0				
Thailand					100.0			
Turkey	0.0					1.2	75.6	
Ukraine								15.7
United Kingdom		1.6	0.0					
United States	4.6	0.1	0.0	0.1		0.2		2.3
Unknown origin & other varieties	0.0	5.1	0.0		0.0	0.1		
<b>Old World subtotal</b>	<b>2.1</b>	<b>21.8</b>	<b>0.4</b>		<b>0.0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.6</b>
<b>New World subtotal</b>	<b>6.5</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>		<b>0.8</b>
<b>World total</b>	<b>2.1</b>	<b>19.7</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.6</b>

Table 24 (cont.): National shares of global winegrape area by varietal country of origin, 2016 (%)

<i>Country of planting</i> →	UK	USA	Uruguay	<i>Old World</i>	<i>New World</i>	<i>World</i>
<i>Country of origin</i> ↓						
Algeria				0	100	100
Argentina				0	100	100
Australia				0	100	100
Austria	0.1			99	1	100
Azerbaijan				100	0	100
Bosnia and Herzegovina				100	0	100
Brazil				0	100	100
Bulgaria				100	0	100
Canada	10.0			0	100	100
Chile				0	100	100
China				2	98	100
Croatia	28.0			67	33	100
Cyprus				100	0	100
Czechia				100	0	100
France	0.1	10.0	0.2	57	43	100
Georgia				100	0	100
Germany	0.3	5.5	0.0	86	14	100
Greece		2.7	0.0	74	26	100
Hungary				100	0	100
Israel				98	2	100
Italy	0.7		0.2	97	3	100
Japan				0	100	100
Kazakhstan				100	0	100
Lebanon				100	0	100
Moldova				100	0	100
Montenegro				100	0	100
Morocco				0	100	100
North Macedonia				100	0	100
Peru				0	100	100
Portugal	0.2		0.0	99	1	100
Romania				100	0	100
Russia				100	0	100
Serbia				100	0	100
Slovenia				100	0	100
South Africa	0.3			0	100	100
Spain	0.5		0.0	96	4	100
Switzerland				96	4	100
Taiwan				0	100	100
Thailand				0	100	100
Turkey				84	16	100
Ukraine	0.0			100	0	100
United Kingdom	1.5		16.5	82	18	100
United States	39.7		0.2	15	85	100
Unknown origin & other varieties	0.0	2.4	0.2	74	26	100
<b>Old World subtotal</b>	<b>0.0</b>	<b>5.3</b>	<b>0.1</b>	<b>78.0</b>	<b>22.0</b>	<b>100</b>
<b>New World subtotal</b>		<b>13.1</b>	<b>0.9</b>	<b>9.0</b>	<b>91.0</b>	<b>100</b>
<b>World total</b>	<b>0.0</b>	<b>5.3</b>	<b>0.2</b>	<b>75</b>	<b>25</b>	<b>100</b>

Table 25: Index of internationalization of prime varieties, by country of origin, 2000, 2010 and 2016

Country of origin ↓	Own-country varieties' share (%) of world winegrape area (A)			Own-country's share of world winegrape area (B)			Index of internationalization of prime varieties (A/B)		
	2000	2010	2016	2000	2010	2016	2000	2010	2016
Croatia	2.95	2.32	1.48	1.20	0.45	0.26	2.46	5.21	5.69
United Kingdom	0.14	0.18	0.17	0.02	0.03	0.04	8.18	6.86	4.21
Greece	2.27	2.32	2.67	1.03	1.17	1.13	2.20	1.99	2.37
France	27.81	37.27	38.90	17.51	17.93	18.03	1.59	2.08	2.16
Georgia	1.74	1.75	1.61	0.76	1.03	1.06	2.30	1.70	1.51
Japan	0.12	0.14	0.12		0.08	0.09		1.71	1.44
Austria	1.47	1.52	1.44	0.98	0.98	1.01	1.50	1.56	1.44
Germany	2.36	2.45	2.55	2.11	2.19	2.09	1.12	1.12	1.22
Spain	27.19	24.75	21.35	23.92	22.06	19.55	1.14	1.12	1.09
Cyprus	0.28	0.13	0.11	0.37	0.18	0.11	0.76	0.70	1.01
Turkey	0.34	0.22	0.26	0.29	0.28	0.30	1.18	0.79	0.87
Italy	12.61	11.82	11.51	12.89	13.43	13.38	0.98	0.88	0.86
Portugal	2.77	2.86	3.16	4.15	3.51	4.04	0.67	0.81	0.78
Hungary	0.79	1.06	1.08	1.76	1.50	1.41	0.45	0.71	0.77
Switzerland	0.28	0.31	0.20	0.30	0.32	0.33	0.92	0.98	0.61
Bulgaria	0.71	0.45	0.60	1.94	1.20	1.17	0.37	0.37	0.51
Moldova	0.52	0.45	0.80	1.82	1.93	1.83	0.28	0.24	0.44
Argentina	1.70	1.66	1.64	4.00	4.58	4.57	0.42	0.36	0.36
Ukraine	0.26	0.26	0.17		1.12	0.56		0.23	0.31
Thailand	0.00	0.00	0.00	0.00	0.00	0.00		0.11	0.26
United States	1.65	1.53	1.15	3.56	4.89	5.30	0.46	0.31	0.22
Brazil	0.00	0.04	0.08	1.07	1.06	0.73	0.00	0.04	0.11
Romania	0.16	0.44	0.43	4.50	3.65	4.04	0.04	0.12	0.11
Serbia	0.31	0.33	0.04	1.40	1.48	0.49	0.22	0.22	0.09
Peru	0.00	0.01	0.01		0.08	0.08		0.09	0.09
South Africa	0.15	0.16	0.18	1.90	2.17	2.12	0.08	0.07	0.08
Slovenia	0.01	0.03	0.03	0.48	0.35	0.35	0.02	0.08	0.07
Russia	0.03	0.07	0.08	1.14	0.55	1.12	0.03	0.12	0.07
Israel	0.01	0.00	0.01	0.10	0.10	0.11	0.08	0.05	0.06
Kazakhstan	0.01	0.01	0.01		0.15	0.15		0.06	0.06
Lebanon	0.04	0.01	0.00		0.05	0.09		0.17	0.05
China	0.00	0.00	0.17		0.63	3.94		0.01	0.04
Taiwan			0.00	0.06	0.06	0.00			0.03
North Macedonia			0.01		0.31	0.55			0.02
Morocco	0.39	0.42	0.01	1.00	1.05	0.39	0.39	0.40	0.01
Canada	0.00	0.00	0.00	0.17	0.22	0.28	0.00	0.01	0.01
Czechia		0.03	0.00	0.23	0.35	0.30		0.10	0.00
Australia	0.00	0.00	0.00	2.64	3.26	2.93	0.00	0.00	0.00
Chile	0.00	0.00	0.00	2.31	2.39	3.23	0.00	0.00	0.00
Algeria	0.00	0.00	0.00	0.61	0.65	0.18	0.00	0.00	0.00
Armenia	0.08	0.09		0.23	0.24	0.33	0.35	0.35	
Slovakia			0.00	0.32	0.27	0.17		0.01	

Table 26: Index of internationalization of national varietal choice, by country of planting, 2000, 2010 and 2016

Country of planting↓	% of country's area in rest of world's varieties (A)			% of rest of world's varieties in world winegrape area (B)			Index of internationalization of national varietal choice (A/B)		
	2000	2010	2016	2000	2010	2016	2000	2010	2016
Algeria	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
Argentina	58.0	64.3	67.7	98.3	98.3	98.4	0.59	0.65	0.69
Armenia	67.1	67.1	100.0	99.9	99.9	100.0	0.67	0.67	1.00
Australia	99.9	100.0	99.9	100.0	100.0	100.0	1.00	1.00	1.00
Austria	35.7	37.1	37.6	98.5	98.5	98.6	0.36	0.38	0.38
Azerbaijan	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
Brazil	100.0	96.8	89.2	100.0	100.0	99.9	1.00	0.97	0.89
Bulgaria	63.9	69.5	68.6	99.3	99.6	99.4	0.64	0.70	0.69
Canada	99.8	99.8	99.2	100.0	100.0	100.0	1.00	1.00	0.99
Chile	99.9	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
China	100.0		95.8						
Croatia	37.0	47.8	28.4	97.0	97.7	98.5	0.38	0.49	0.29
Cyprus	25.0	30.8	0.0	99.7	99.9	99.9	0.25	0.31	0.00
Czechia	100.0	93.1	100.0	100.0	100.0	100.0	1.00	0.93	1.00
France	38.7	33.5	36.1	72.2	62.7	61.1	0.54	0.53	0.59
Georgia	8.0	8.0	8.0	98.3	98.2	98.4	0.08	0.08	0.08
Germany	33.8	42.0	42.7	97.6	97.6	97.4	0.35	0.43	0.44
Greece	19.1	26.6	20.2	97.7	97.7	97.3	0.20	0.27	0.21
Hungary	76.4	62.5	58.1	99.2	98.9	98.9	0.77	0.63	0.59
Israel	95.8	95.8	94.5	100.0	100.0	100.0	0.96	0.96	0.95
Italy	23.0	31.5	33.6	87.4	88.2	88.5	0.26	0.36	0.38
Japan	100.0	80.1	63.4	99.9	99.9	99.9	1.00	0.80	0.64
Kazakhstan	100.0	94.4	94.4	100.0	100.0	100.0	1.00	0.94	0.94
Lebanon	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
Luxembourg	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
Mexico	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
Moldova	95.1	95.1	77.4	99.5	99.5	99.2	0.96	0.96	0.78
Montenegro	100.0	100.0	100.0	100.0	100.0	99.8	1.00	1.00	1.00
Morocco	61.8	61.4	100.0	99.6	99.6	100.0	0.62	0.62	1.00
Myanmar			100.0			100.0	1.00	1.00	1.00
New Zealand	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00
North Macedonia			98.4			100.0			0.98
Peru	100.0	91.2	91.2	100.0	100.0	100.0	1.00	0.91	0.91
Portugal	43.2	27.8	29.4	97.2	97.1	96.8	0.44	0.29	0.30
Romania	97.0	88.3	89.8	99.8	99.6	99.6	0.97	0.89	0.90
Russia	97.8	88.5	94.2	100.0	99.9	99.9	0.98	0.89	0.94
South Africa	92.3	93.1	91.8	99.9	99.8	99.8	0.92	0.93	0.92
Serbia	78.0	78.0	94.5	99.7	99.7	100.0	0.78	0.78	0.95
Slovakia	100.0	98.6	100.0	100.0	100.0	100.0	1.00	0.99	1.00
Slovenia	100.0	94.4	94.2	100.0	100.0	100.0	1.00	0.94	0.94
Spain	13.8	13.2	14.8	72.8	75.3	78.6	0.19	0.18	0.19
Switzerland	62.6	66.1	65.0	99.7	99.7	99.8	0.63	0.66	0.65
Thailand	100.0	89.1	74.0	100.0	100.0	100.0	1.00	0.89	0.74
Turkey	100.0	34.7	35.1	99.7	99.8	99.7	1.00	0.35	0.35
United Kingdom	100.0	100.0	100.0	99.9	99.8	99.8	1.00	1.00	1.00
Ukraine	100.0	86.5	95.0	99.7	99.7	99.8	1.00	0.87	0.95
United States	88.9	91.1	91.4	98.3	98.5	98.8	0.90	0.92	0.93
Uzbekistan	100.0	100.0	100.0	100.0	100.0	100.0	1.00	1.00	1.00

Table 27: Share of database's regions growing top 100 varieties, 2000, 2010 and 2016 (%)

	2000	2010	2016
Cabernet Sauvignon	40	Cabernet Sauvignon	42
Chardonnay	39	Chardonnay	42
Merlot	37	Merlot	40
Pinot Noir	31	Sauvignon Blanc	35
Sauvignon Blanc	31	Pinot Noir	34
Syrah	27	Syrah	33
Cabernet Franc	27	Cabernet Franc	28
Riesling	26	Pinot Gris	26
Muscat Blanc à Petits Grains	22	Riesling	25
Garnacha Tinta	20	Muscat Blanc à Petits Grains	22
Sangiovese	19	Côt	19
Barbera	19	Viognier	18
Côt	18	Sangiovese	18
Sémillon	18	Gewürztraminer	18
Gewürztraminer	18	Garnacha Tinta	17
Trebbiano Toscano	18	Pinot Blanc	17
Muscat of Alexandria	17	Sémillon	17
Alicante Henri Bouschet	16	Barbera	16
Pinot Gris	16	Muscat of Alexandria	16
Pinot Blanc	16	Petit Verdot	15
Chenin Blanc	15	Tempranillo	15
Nebbiolo	13	Trebbiano Toscano	14
Douce Noire	13	Alicante Henri Bouschet	13
Mazuelo	12	Chenin Blanc	12
Tempranillo	12	Tribidrag	12
Tribidrag	11	Nebbiolo	11
Müller-Thurgau	11	Carménère	9
Viognier	11	Mazuelo	9
Malvasia Bianca di Candia	10	Monastrell	9
Monastrell	10	Müller-Thurgau	9
Manzoni Bianco	10	Moscato Giallo	9
Sauvignonasse	10	Douce Noire	8
Greco Nero	10	Graševina	8
Pignoletto	10	Chasselas	8
Gamay Noir	9	Montepulciano	8
Petit Verdot	9	Muscat of Hamburg	8
Muscat of Hamburg	9	Gamay Noir	8
Palomino Fino	9	Malvasia Bianca di Candia	7
Montepulciano	9	Tannat	7
Verdicchio Bianco	9	Blaufränkisch	7
Malvasia Bianca Lunga	8	Sauvignonasse	7
Vermentino	8	Trebbiano Giallo	7
Malvasia Nera di Brindisi	8	Biancame	7
Graciano	8	Dolcetto	7
Moscato Giallo	8	Roussanne	7
Trebbiano Giallo	8	Malvasia Bianca Lunga	6
Aglianico	8	Vermentino	6
Albarola	8	Ciliegiolo	6
Fortana	8	Malvasia Nera di Brindisi	6
Graševina	8	Savagnin Blanc	6

Table 27 (cont.): Share of database's regions growing top 100 varieties, 2000 and 2016 (%)

	2000	2010	2016
Ciliegiolo	8	Ancellotta	6
Trebbiano Romagnolo	8	Verdicchio Bianco	6
Avarengo	7	Marsanne	6
Malvasia di Lipari	7	Blauer Portugieser	6
Afus Ali	7	Palomino Fino	5
Damaschino	7	Garganega	5
Malvasia di Candia Aromatic	7	Afus Ali	5
Aleatico	7	Graciano	5
Ancellotta	7	Cinsaut	5
Pinot Meunier	7	Verdelho	5
Biancame	7	Colombard	5
Colombard	7	Nero d'Avola	5
Listan Prieto	7	Zweigelt	5
Bombino Bianco	7	Bellone	5
Chasselas	7	Torrontés Riojano	5
Dolcetto	7	Durif	5
Garganega	7	Listan Prieto	5
Greco	7	Silvaner	5
Greco Bianco	7	Trebbiano Romagnolo	4
Inzolia	7	Barbera Bianca	4
Malvasia del Lazio	7	Cereza	4
San Giuseppe Nero	7	Fortana	4
Cinsaut	6	Aglianico	4
Korinthiaki	6	Malvasia di Candia Aromatic	4
Albana	6	Muscat Blanc à Petits Grains	4
Marsanne	6	Trebbiano d'Abruzzo	4
Torrontés Riojano	6	Albarola	4
Barbera Bianca	6	Greco Bianco	4
Bellone	6	Lambrusco Maestri	4
Blauer Portugieser	6	Muscat Ottonel	4
Ruby Cabernet	6	Arneis	4
Uva Rara	6	Greco Nero	4
Cereza	6	Grüner Veltliner	4
Nero d'Avola	6	Lambrusco Grasparossa	4
Freisa	6	Lambrusco Salamino	4
Lambrusco Grasparossa	6	Ruby Cabernet	4
Malvazija Istarska	6	Trebbianina	4
Prosecco	6	Aleatico	4
Silvaner	6	Prosecco	4
Trebbiano d'Abruzzo	6	Lambrusca di Alessandria	4
Canaiolo Nero	6	Marzemino	4
Abbuoto	6	Montonico Bianco	4
Caddiu	6	San Giuseppe Nero	4
Marzemino	6	Albana	4
Bonamico	6	Garnacha Blanca	4
Catarratto Bianco	6	Malvazija Istarska	4
Lambrusco Maestri	6	Manzoni Bianco	4
Trebbiano Modenese	6	Bombino Bianco	4
Drupeggio	6	Chambourcin	4
Neretta Cuneese	6	Croatina	4
			Pinotage

Table 28: Shares of national top, top 3 and top 10 varieties, by winegrape area, 2000, 2010 and 2016 (%)

Country	Top variety			Top 3			Top 10		
	2000	2010	2016	2000	2010	2016	2000	2010	2016
Algeria	25	25	36	70	70	72	100	100	100
Argentina	16	14	20	37	37	43	77	78	80
Armenia	22	22	70	40	40	100	60	60	100
Australia	22	28	29	55	64	64	82	88	88
Austria	36	30	32	54	51	53	85	80	80
Brazil	27	37	35	60	61	62	76	86	82
Bulgaria	24	19	19	46	46	50	82	78	91
Cambodia			30			80			100
Canada	12	13	18	31	34	39	70	74	74
Chile	32	37	29	56	59	48	83	93	86
China		77	23		93	38		100	52
Croatia	27	23	38	50	38	66	67	60	100
Cyprus	60	42	62	75	71	100	75	91	100
Czechia	15	10	11	40	27	31	77	68	81
Ethiopia		53	53		93	93		100	100
France	12	14	13	34	35	33	72	72	67
Georgia	53	53	53	79	79	79	92	92	92
Germany	21	22	23	50	47	47	80	78	78
Greece	25	18	20	44	34	43	68	59	71
Hungary	8	11	11	20	24	26	42	50	54
India			37			74			100
Israel	20	20	20	46	46	53	82	82	86
Italy	10	11	11	24	23	23	47	45	47
Japan		22	18		51	46		95	78
Kazakhstan		51	51		67	67		86	86
KoreaRep	50	50	50	83	83	83	85	85	85
Lebanon			25			63			83
Luxembourg	34	28	24	60	57	54	100	100	99
Mexico		15	15		37	37		72	72
Missing9	25			47			70		
Moldova	18	18	15	43	43	34	90	90	71
Morocco	33	34	19	49	49	49	68	69	82
Myanmar		36	39		75	80		100	100
New Zealand	28	51	58	63	78	82	91	94	98
North Macedonia			38			70			90
Norway			60			90			90
Peru		33	33		68	68		98	98
Portugal	7	10	9	18	24	24	37	55	55
Romania	8	8	7	19	22	20	34	41	38
Russia	23	14	17	33	36	41	54	68	77
Serbia	48	48	10	75	75	28	79	79	57
Slovakia	25	17	21	56	41	46	82	73	78
Slovenia	15	14	12	27	30	28	42	65	63
South Africa	24	18	18	46	42	42	84	87	86
Spain	33	25	23	50	53	52	75	79	78
Switzerland	36	30	28	79	67	64	95	87	84
Taiwan	46	46	63	96	96	100	100	100	100
Thailand		44	36		67	71		98	96
Tunisia	45	45	19	62	62	49	80	80	82
Turkey		14	18		36	40		78	80
Ukraine		22	23		50	62		84	96
United Kingdom	13	20	30	36	49	70	74	80	91
United States	20	18	17	41	43	44	79	77	77
Uruguay	33	24	26	72	55	55	87	86	84
<b>Old World subtotal</b>	<b>10</b>	<b>7</b>	<b>6</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>37</b>	<b>40</b>	<b>40</b>
<b>New World subtotal</b>	<b>13</b>	<b>17</b>	<b>16</b>	<b>29</b>	<b>36</b>	<b>32</b>	<b>55</b>	<b>63</b>	<b>59</b>
<b>World total</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>17</b>	<b>18</b>	<b>18</b>	<b>36</b>	<b>42</b>	<b>42</b>

Table 29: Bearing areas of fungus-resistant grapevine varieties (PIWIs, or Pilzwiderstandsfähige Sorten, in German), by country of planting, 2016 (hectares)

colour	Variety	Australia	France	Germany	Hungary	Italy	NZ	Norway	S. Africa	Switz.	UK	USA	World
R	Allegro											0.0	
W	Aromera											0.0	
R	Baron	1.0										1.1	
W	Bronner	4.0				1.7						0.5	
R	Bundessortenamt											0.0	
W	Cabernet Blanc											6.2	
R	Cabernet Cantor											1.4	
R	Cabernet Carbon											10.9	
R	Cabernet Carol											0.9	
R	Cabernet Cortis											0.1	
R	Chambourcin	41.5		592.4								4.2	
R	Divico											34.0	
W	Felicia											3.4	
W	Golden Muscat											49.6	
W	Helios											0.2	
W	Johanniter											18.6	
R	Monarch											1.6	
W	Muscaris											4.2	
R	Muscat Bleu											2.7	
	Pinot Cortis											1.2	
R	Prior											13.0	
R	Rathay											1.2	
R	Reberger											1.2	
R	Regent											2.0	
R	Rondo											9.0	
W	Sauvignac											3.8	
W	Solaris											7.5	
W	Soria											0.1	
W	Souvignier Gris											0.1	
W	Villaris											3.0	
R	Vinera											0.0	
R	Vinoré											0.0	
<b>Total</b>		<b>41.5</b>	<b>592.4</b>	<b>2178.0</b>	<b>4.4</b>	<b>2.6</b>	<b>3.4</b>	<b>11.3</b>	<b>13.0</b>	<b>167.5</b>	<b>62.6</b>	<b>317.9</b>	<b>3394.6</b>



### **III. Winegrape areas for world's top varieties, by country**

Table 30: National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

<b>Cabernet Sauvignon</b>	<b>2000</b>			<b>2010</b>			<b>2016</b>			<b>2016</b>		
	bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world	
1 France	53413	23.9	1 France	54434	18.8	1 France	46555	15.0				
2 Chile	35967	16.1	2 Chile	40728	14.0	2 Chile	42409	13.7				
3 Australia	24997	11.2	3 United States	34788	12.0	3 United States	40837	13.1				
4 United States	17573	7.9	4 Australia	25967	9.0	4 China	40300	13.0				
5 Argentina	13776	6.2	5 Spain	23237	8.0	5 Australia	23987	7.7				
6 Bulgaria	10441	4.7	6 China	22612	7.8	6 Spain	20139	6.5				
7 South Africa	8824	4.0	7 Argentina	17674	6.1	7 Argentina	15356	4.9				
8 Romania	8620	3.9	8 Italy	13724	4.7	8 Italy	14240	4.6				
9 Italy	7682	3.4	9 South Africa	12325	4.2	9 South Africa	10589	3.4				
10 Moldova	7590	3.4	10 Bulgaria	8436	2.9	10 Bulgaria	9327	3.0				
11 Spain	4519	2.0	11 Moldova	7590	2.6	11 Russia	8528	2.7				
12 Russia	1578	0.7	12 Ukraine	4869	1.7	12 Moldova	8169	2.6				
13 Algeria	1510	0.7	13 Romania	3718	1.3	13 Romania	5359	1.7				
14 Hungary	1052	0.5	14 Russia	3593	1.2	14 Ukraine	4935	1.6				
15 Greece	688	0.3	15 Hungary	2863	1.0	15 Hungary	2677	0.9				
16 Uruguay	675	0.3	16 Portugal	1671	0.6	16 Portugal	2346	0.8				
17 New Zealand	654	0.3	17 Greece	1550	0.5	17 Serbia	2111	0.7				
18 Israel	607	0.3	18 Algeria	1510	0.5	18 Greece	1929	0.6				
19 Brazil	587	0.3	19 Brazil	914	0.3	19 N. Macedonia	1020	0.3				
20 Canada	569	0.3	20 Mexico	756	0.3	20 Algeria	1000	0.3				
Others	21753	9.8	Others	7124	2.5	Others	8859	2.9				
Total	223074	100.0	Total	290083	100.0	Total	310671	100.0				
<b>Merlot</b>	<b>2000</b>			<b>2010</b>			<b>2016</b>			<b>2016</b>		
	bearing area (ha)	% of world (ha)		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world	
1 France	101309	47.5	1 France	114675	42.8	1 France	108483	40.7				
2 Italy	21861	10.2	2 Italy	28042	10.5	2 Italy	24057	9.0				
3 United States	16875	7.9	3 United States	22729	8.5	3 United States	21251	8.0				
4 Chile	12825	6.0	4 Spain	15540	5.8	4 China	16700	6.3				
5 Bulgaria	11169	5.2	5 Romania	10988	4.1	5 Spain	12852	4.8				
6 Moldova	8123	3.8	6 Bulgaria	10573	3.9	6 Chile	12057	4.5				
7 Romania	7810	3.7	7 Chile	10041	3.7	7 Romania	11647	4.4				
8 Australia	7669	3.6	8 Australia	10028	3.7	8 Bulgaria	10050	3.8				
9 Argentina	6263	2.9	9 Moldova	8123	3.0	9 Australia	8415	3.2				
10 South Africa	4888	2.3	10 Argentina	6953	2.6	10 Moldova	7689	2.9				
11 Algeria	1510	0.7	11 South Africa	6497	2.4	11 Argentina	5632	2.1				
12 Slovenia	1197	0.6	12 China	3560	1.3	12 South Africa	5558	2.1				
13 Spain	1186	0.6	13 Ukraine	2820	1.1	13 Russia	2988	1.1				
14 Uruguay	1057	0.5	14 Hungary	1907	0.7	14 Serbia	1968	0.7				
15 Switzerland	848	0.4	15 Russia	1588	0.6	15 Hungary	1961	0.7				
16 Canada	674	0.3	16 Algeria	1510	0.6	16 Ukraine	1400	0.5				
17 New Zealand	657	0.3	17 New Zealand	1369	0.5	17 Greece	1393	0.5				
18 Israel	647	0.3	18 Greece	1248	0.5	18 N. Macedonia	1240	0.5				
19 Hungary	486	0.2	19 Switzerland	1028	0.4	19 New Zealand	1239	0.5				
20 Brazil	469	0.2	20 Canada	999	0.4	20 Switzerland	1124	0.4				
Others	5844	2.7	Others	7671	2.9	Others	8737	3.3				
Total	213368	100.0	Total	267888	100.0	Total	266440	100.0				

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

Tempranillo	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 Spain	79310	84.9	1 Spain	207677	89.1	1 Spain	193597	88.2
2 Portugal	7356	7.9	2 Portugal	16706	7.2	2 Portugal	17014	7.8
3 Argentina	4720	5.1	3 Argentina	6565	2.8	3 Argentina	6140	2.8
4 France	1549	1.7	4 France	680	0.3	4 Australia	681	0.3
5 United States	201	0.2	5 Australia	476	0.2	5 France	658	0.3
6 Australia	41	0.0	6 United States	414	0.2	6 United States	626	0.3
7 South Africa	14	0.0	7 Mexico	229	0.1	7 Mexico	229	0.1
8 Italy	7	0.0	8 Romania	70	0.0	8 Chile	127	0.1
9 Chile	1	0.0	9 Chile	48	0.0	9 South Africa	92	0.0
10			10 South Africa	38	0.0	10 Romania	67	0.0
11			11 Italy	23	0.0	11 Israel	55	0.0
12			12 Greece	19	0.0	12 Brazil	23	0.0
13			13 Brazil	16	0.0	13 Greece	22	0.0
14			14 Turkey	9	0.0	14 New Zealand	18	0.0
15			15 New Zealand	7	0.0	15 Italy	9	0.0
16			16 Canada	6	0.0	16 Canada	6	0.0
17			17 Thailand	4	0.0	17 Turkey	6	0.0
18			18 Myanmar	3	0.0	18 Thailand	4	0.0
19			19			19 Myanmar	4	0.0
20			20			20 Switzerland	0	0.0
Others	171	0.2	Others			Others		
Total	93370	100.0	Total	232988	100.0	Total	219379	100.0
Syrah	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 France	50676	49.4	1 France	67382	36.3	1 France	62211	34.3
2 Australia	29295	28.6	2 Australia	42675	23.0	2 Australia	38942	21.5
3 Argentina	8888	8.7	3 Spain	20000	10.8	3 Spain	19488	10.8
4 South Africa	5631	5.5	4 Argentina	13093	7.0	4 Argentina	12707	7.0
5 Chile	2040	2.0	5 South Africa	10136	5.5	5 South Africa	9946	5.5
6 Algeria	1510	1.5	6 United States	9197	4.9	6 United States	9083	5.0
7 United States	1509	1.5	7 Italy	6739	3.6	7 Chile	7994	4.4
8 Italy	1025	1.0	8 Chile	6027	3.2	8 Italy	7693	4.2
9 Tunisia	337	0.3	9 Portugal	3501	1.9	9 Portugal	4017	2.2
10 Spain	86	0.1	10 Algeria	1510	0.8	10 Turkey	1439	0.8
11 Uruguay	62	0.1	11 Turkey	1367	0.7	11 Greece	1042	0.6
12 New Zealand	60	0.1	12 Greece	641	0.3	12 China	1000	0.6
13 Switzerland	54	0.1	13 Romania	470	0.3	13 Algeria	1000	0.6
14 Greece	39	0.0	14 Tunisia	337	0.2	14 Bulgaria	804	0.4
15			15 New Zealand	293	0.2	15 Romania	504	0.3
16			16 Canada	274	0.1	16 India	500	0.3
17			17 Cyprus	244	0.1	17 New Zealand	436	0.2
18			18 China	223	0.1	18 Israel	385	0.2
19			19 Croatia	187	0.1	19 Morocco	347	0.2
20			20 Switzerland	181	0.1	20 Lebanon	300	0.2
Others	1278	1.2	Others	1346	0.7	Others	1346	0.7
Total	102490	100.0	Total	185822	100.0	Total	181185	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

Garnacha Tinta		bearing <b>2000</b>	% of area (ha)	bearing <b>2010</b>	% of area (ha)	bearing <b>2016</b>	% of area (ha)
		world	world	world	world	world	world
1	Spain	98131	45.4	1	France	90991	50.1
2	France	95717	44.2	2	Spain	70202	38.7
3	Italy	6781	3.1	3	Italy	6372	3.5
4	Algeria	6040	2.8	4	Algeria	6040	3.3
5	United States	4519	2.1	5	United States	2666	1.5
6	Australia	2139	1.0	6	Tunisia	2020	1.1
7	Tunisia	2020	0.9	7	Australia	1748	1.0
8	Morocco	802	0.4	8	Morocco	802	0.4
9	South Africa	40	0.0	9	South Africa	187	0.1
10	Greece	22	0.0	10	Mexico	140	0.1
11	Argentina	9	0.0	11	Croatia	103	0.1
12				12	Portugal	84	0.0
13				13	Cyprus	84	0.0
14				14	Chile	37	0.0
15				15	Turkey	33	0.0
16				16	Argentina	22	0.0
17				17	China	22	0.0
18				18	Uruguay	11	0.0
19				19	New Zealand	5	0.0
20				20	Canada	2	0.0
	Others	129	0.1		Others	2	0.0
	Total	216349	100.0		Total	181553	100.0
Pinot Noir		bearing <b>2000</b>	% of area (ha)	bearing <b>2010</b>	% of area (ha)	bearing <b>2016</b>	% of area (ha)
		world	world	world	world	world	world
1	France	26526	38.5	1	France	30086	30.5
2	Germany	8643	12.6	2	United States	16776	17.0
3	Moldova	6521	9.5	3	Germany	11724	11.9
4	United States	5343	7.8	4	Moldova	6521	6.6
5	Switzerland	4601	6.7	5	Italy	5046	5.1
6	Italy	3287	4.8	6	New Zealand	4776	4.8
7	Australia	3223	4.7	7	Australia	4690	4.8
8	Romania	1740	2.5	8	Switzerland	4402	4.5
9	Chile	1614	2.3	9	Chile	2884	2.9
10	Algeria	1510	2.2	10	Argentina	1689	1.7
11	Argentina	1114	1.6	11	Algeria	1510	1.5
12	New Zealand	1098	1.6	12	Hungary	1091	1.1
13	Bulgaria	769	1.1	13	Romania	1089	1.1
14	South Africa	487	0.7	14	Spain	1044	1.1
15	Canada	457	0.7	15	South Africa	962	1.0
16	Spain	417	0.6	16	Ukraine	767	0.8
17	Austria	409	0.6	17	Czechia	688	0.7
18	Hungary	243	0.4	18	Austria	646	0.7
19	Luxembourg	66	0.1	19	Canada	640	0.6
20				20	Russia	533	0.5
	Others	741	1.1		Others	1058	1.1
	Total	68810	100.0		Total	98623	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

<b>Sangiovese</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 Italy	62761	91.1	1 Italy	71619	91.8	1 Italy	68428	93.1
2 Argentina	2490	3.6	2 Argentina	2231	2.9	2 Argentina	1837	2.5
3 France	1564	2.3	3 France	1511	1.9	3 France	1503	2.0
4 Tunisia	842	1.2	4 United States	852	1.1	4 United States	827	1.1
5 United States	682	1.0	5 Tunisia	842	1.1	5 Australia	430	0.6
6 Australia	372	0.5	6 Australia	589	0.8	6 Chile	152	0.2
7 Chile	123	0.2	7 Chile	100	0.1	7 Ethiopia	90	0.1
8 South Africa	35	0.1	8 Ethiopia	90	0.1	8 Romania	88	0.1
9			9 Romania	88	0.1	9 South Africa	70	0.1
10			10 South Africa	61	0.1	10 Turkey	18	0.0
11			11 Brazil	26	0.0	11 New Zealand	8	0.0
12			12 Turkey	9	0.0	12 Canada	4	0.0
13			13 New Zealand	6	0.0	13 Brazil	3	0.0
14			14 Canada	3	0.0	14 Spain	2	0.0
15			15 Thailand	2	0.0	15 Thailand	2	0.0
16			16 Hungary	1	0.0	16 Hungary	1	0.0
17			17			17 Switzerland	0	0.0
18			18			18		
19			19			19		
20			20			20		
Others	8	0.0	Others			Others		
Total	68877	100.0	Total	78030	100.0	Total	73464	100.0
<b>Bobal</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 Spain	100128	100.0	1 Spain	80120	100.0	1 Spain	59189	100.0
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
13			13			13		
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
Others			Others			Others		
Total	100128	100.0	Total	80120	100.0	Total	59189	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

Cabernet Franc	2000			2010			2016		
	bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world	
1 France	36094	69.4	1 France	36302	59.2	1 France	32327	57.7	
2 Italy	6639	12.8	2 Brazil	8516	13.9	2 Brazil	6834	12.2	
3 Brazil	3784	7.3	3 Italy	6314	10.3	3 Italy	5590	10.0	
4 United States	1189	2.3	4 United States	2215	3.6	4 United States	2199	3.9	
5 Australia	744	1.4	5 Hungary	1352	2.2	5 Chile	1578	2.8	
6 Chile	689	1.3	6 Chile	1321	2.2	6 Hungary	1368	2.4	
7 Canada	567	1.1	7 South Africa	934	1.5	7 Argentina	929	1.7	
8 Hungary	526	1.0	8 Spain	849	1.4	8 South Africa	835	1.5	
9 South Africa	488	0.9	9 Canada	664	1.1	9 Canada	820	1.5	
10 Uruguay	364	0.7	10 Argentina	592	1.0	10 Moldova	756	1.3	
11 Argentina	252	0.5	11 Australia	591	1.0	11 Spain	680	1.2	
12 New Zealand	118	0.2	12 China	507	0.8	12 China	600	1.1	
13 Greece	40	0.1	13 Uruguay	334	0.5	13 Australia	328	0.6	
14 Spain	30	0.1	14 Cyprus	203	0.3	14 Uruguay	266	0.5	
15 Austria	27	0.1	15 New Zealand	163	0.3	15 Bulgaria	240	0.4	
16 Switzerland	16	0.0	16 Croatia	95	0.2	16 Israel	110	0.2	
17			17 Romania	73	0.1	17 New Zealand	109	0.2	
18			18 Kazakhstan	56	0.1	18 Serbia	79	0.1	
19			19 Austria	56	0.1	19 Romania	72	0.1	
20			20 Switzerland	54	0.1	20 Austria	64	0.1	
Others	409	0.8	Others	105	0.2	Others	268	0.5	
Total	51974	100.0	Total	61295	100.0	Total	56052	100.0	
Côt	2000			2010			2016		
	bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world	
1 Argentina	18230	69.4	1 Argentina	28543	74.8	1 Argentina	40401	77.3	
2 France	6129	23.3	2 France	6123	16.0	2 France	6100	11.7	
3 Chile	929	3.5	3 Chile	1264	3.3	3 Chile	2293	4.4	
4 Australia	429	1.6	4 United States	717	1.9	4 United States	1610	3.1	
5 Italy	251	1.0	5 South Africa	450	1.2	5 Australia	515	1.0	
6 United States	97	0.4	6 Australia	356	0.9	6 South Africa	452	0.9	
7 South Africa	76	0.3	7 Italy	260	0.7	7 Italy	178	0.3	
8 New Zealand	67	0.3	8 New Zealand	156	0.4	8 Moldova	162	0.3	
9 Moldova	39	0.1	9 Spain	93	0.2	9 New Zealand	129	0.2	
10 Spain	23	0.1	10 Uruguay	41	0.1	10 Spain	113	0.2	
11 Switzerland	0	0.0	11 Moldova	39	0.1	11 Israel	110	0.2	
12			12 Canada	39	0.1	12 Uruguay	43	0.1	
13			13 Brazil	37	0.1	13 Canada	41	0.1	
14			14 Turkey	13	0.0	14 Brazil	30	0.1	
15			15 Switzerland	10	0.0	15 Turkey	21	0.0	
16			16 Peru	10	0.0	16 Switzerland	15	0.0	
17			17 Romania	7	0.0	17 Peru	10	0.0	
18			18 Hungary	0	0.0	18 Romania	7	0.0	
19			19			19 Hungary	3	0.0	
20			20			20			
Others	16	0.1	Others			Others			
Total	26285	100.0	Total	38158	100.0	Total	52233	100.0	

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

<b>Monastrell</b>	<b>2000</b>			<b>2010</b>			<b>2016</b>		
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)
1 Spain	67160	88.0	1 Spain	58406	83.7	1 Spain	41303	79.5	
2 France	7634	10.0	2 France	9257	13.3	2 France	8754	16.9	
3 Australia	948	1.2	3 Australia	692	1.0	3 Australia	704	1.4	
4 Tunisia	337	0.4	4 United States	404	0.6	4 United States	515	1.0	
5 United States	187	0.2	5 South Africa	403	0.6	5 South Africa	473	0.9	
6 Chile	22	0.0	6 Tunisia	337	0.5	6 Chile	102	0.2	
7 South Africa	13	0.0	7 Cyprus	172	0.2	7 Israel	55	0.1	
8 Argentina	0	0.0	8 Chile	59	0.1	8 Argentina	12	0.0	
9			9 Turkey	4	0.0	9 Turkey	7	0.0	
10			10 Romania	4	0.0	10 Romania	3	0.0	
11			11 Canada	2	0.0	11 Canada	1	0.0	
12			12 Uruguay	1	0.0	12 Switzerland	0	0.0	
13			13 Argentina	1	0.0	13			
14			14			14			
15			15			15			
16			16			16			
17			17			17			
18			18			18			
19			19			19			
20			20			20			
Others	3	0.0	Others			Others			
Total	76304	100.0	Total	69742	100.0	Total	51930	100.0	
<b>Mazuelo</b>	<b>2000</b>			<b>2010</b>			<b>2016</b>		
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)
1 France	95745	75.0	1 France	47720	63.0	1 France	31760	67.1	
2 Spain	8103	6.3	2 Tunisia	7576	10.0	2 Spain	5461	11.5	
3 Tunisia	7576	5.9	3 Algeria	7550	10.0	3 Algeria	3000	6.3	
4 Algeria	7550	5.9	4 Spain	4749	6.3	4 Italy	1686	3.6	
5 United States	3088	2.4	5 Italy	2023	2.7	5 Morocco	1230	2.6	
6 Italy	1721	1.3	6 Morocco	1692	2.2	6 United States	1086	2.3	
7 Morocco	1692	1.3	7 United States	1441	1.9	7 Israel	935	2.0	
8 Israel	971	0.8	8 Israel	971	1.3	8 Chile	811	1.7	
9 Chile	641	0.5	9 Cyprus	481	0.6	9 Mexico	448	0.9	
10 Australia	90	0.1	10 Chile	477	0.6	10 Portugal	291	0.6	
11 South Africa	71	0.1	11 Mexico	448	0.6	11 Tunisia	238	0.5	
12 Argentina	57	0.0	12 Portugal	338	0.4	12 Turkey	130	0.3	
13 Greece	14	0.0	13 Turkey	84	0.1	13 South Africa	114	0.2	
14			14 South Africa	81	0.1	14 China	100	0.2	
15			15 Croatia	34	0.0	15 Argentina	13	0.0	
16			16 Argentina	30	0.0	16 Australia	8	0.0	
17			17 Greece	16	0.0	17 Greece	1	0.0	
18			18 Myanmar	4	0.0	18			
19			19			19			
20			20			20			
Others	374	0.3	Others			Others			
Total	127692	100.0	Total	75716	100.0	Total	47312	100.0	

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

<b>Alicante Henri</b>	bearing	% of		bearing	% of		bearing	% of
<b>Bouschet</b>	<b>2000</b>	area (ha)	world	<b>2010</b>	area (ha)	world	<b>2016</b>	area (ha)
1 Spain	18321	49.3		1 Spain	19551	50.8	1 Spain	19294
2 France	8764	23.6		2 France	4322	11.2	2 Chile	6908
3 Algeria	3020	8.1		3 Chile	4228	11.0	3 Portugal	4547
4 Chile	2882	7.8		4 Portugal	3322	8.6	4 France	2607
5 Morocco	1098	3.0		5 Algeria	3020	7.9	5 Morocco	919
6 Tunisia	842	2.3		6 Morocco	1098	2.9	6 Turkey	532
7 Portugal	675	1.8		7 Tunisia	842	2.2	7 United States	380
8 United States	563	1.5		8 Italy	645	1.7	8 Italy	286
9 Italy	510	1.4		9 Turkey	488	1.3	9 Tunisia	178
10 Argentina	113	0.3		10 United States	431	1.1	10 Argentina	135
11 Greece	21	0.1		11 Argentina	257	0.7	11 Brazil	101
12 South Africa	8	0.0		12 Brazil	129	0.3	12 Greece	60
13				13 Greece	56	0.1	13 Uruguay	24
14				14 Uruguay	22	0.1	14 Romania	20
15				15 Hungary	21	0.1	15 Australia	19
16				16 Romania	20	0.1	16 Hungary	14
17				17 South Africa	10	0.0	17 South Africa	7
18				18 Myanmar	0	0.0	18 Canada	0
19				19			19 Switzerland	0
20				20			20	
Others	341	0.9		Others			Others	
Total	37157	100.0		Total	38462	100.0	Total	36031
<b>Tribidrag</b>	bearing	% of		bearing	% of		bearing	% of
<b>2000</b>	area (ha)	world	<b>2010</b>	area (ha)	world	<b>2016</b>	area (ha)	world
1 United States	18630	69.2		1 United States	19857	60.6	1 United States	18551
2 Italy	7828	29.1		2 Italy	12234	37.3	2 Italy	13896
3 Tunisia	337	1.3		3 Tunisia	337	1.0	3 N. Macedonia	1000
4 Chile	91	0.3		4 Australia	149	0.5	4 Australia	87
5 South Africa	28	0.1		5 Croatia	65	0.2	5 Chile	66
6 Argentina	6	0.0		6 Chile	58	0.2	6 South Africa	24
7 France	1	0.0		7 South Africa	34	0.1	7 Romania	9
8				8 Romania	8	0.0	8 Canada	8
9				9 Canada	8	0.0	9 New Zealand	4
10				10 New Zealand	4	0.0	10 France	1
11				11 France	2	0.0	11 Spain	1
12				12 Argentina	0	0.0	12 Argentina	1
13				13 Brazil	0	0.0	13 Switzerland	1
14				14			14	
15				15			15	
16				16			16	
17				17			17	
18				18			18	
19				19			19	
20				20			20	
Others				Others			Others	
Total	26922	100.0		Total	32755	100.0	Total	33649
								100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
<b>Montepulciano 2000</b>		<b>2010</b>		<b>2016</b>					
1	Italy	28679	99.8	1	Italy	34824	99.6	1	Italy
2	Argentina	49	0.2	2	Argentina	94	0.3	2	Argentina
3				3	United States	29	0.1	3	Australia
4				4	New Zealand	7	0.0	4	United States
5				5	Brazil	2	0.0	5	New Zealand
6				6				6	Chile
7				7				7	Brazil
8				8				8	Spain
9				9				9	
10				10				10	
11				11				11	
12				12				12	
13				13				13	
14				14				14	
15				15				15	
16				16				16	
17				17				17	
18				18				18	
19				19				19	
20				20				20	
Others		Others		Others		Others		Others	
Total		28728	100.0	Total	34956	100.0	Total	32935	100.0
		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
<b>Gamay Noir 2000</b>		<b>2010</b>		<b>2016</b>					
1	France	34537	91.4	1	France	29698	93.0	1	France
2	Switzerland	1977	5.2	2	Switzerland	1521	4.8	2	Switzerland
3	United States	684	1.8	3	Canada	220	0.7	3	Canada
4	Canada	263	0.7	4	Turkey	206	0.6	4	Turkey
5	Italy	152	0.4	5	Italy	122	0.4	5	United States
6	South Africa	36	0.1	6	Luxembourg	98	0.3	6	Italy
7	Argentina	2	0.0	7	South Africa	19	0.1	7	Serbia
8	Spain	1	0.0	8	Brazil	16	0.0	8	South Africa
9	Luxembourg	1	0.0	9	New Zealand	12	0.0	9	New Zealand
10				10	Uruguay	9	0.0	10	Australia
11				11	Hungary	3	0.0	11	Brazil
12				12	Argentina	2	0.0	12	Slovenia
13				13	United Kingdom	1	0.0	13	Hungary
14				14	Chile	0	0.0	14	Uruguay
15				15	Portugal	0	0.0	15	Chile
16				16				16	Argentina
17				17				17	Portugal
18				18				18	
19				19				19	
20				20				20	
Others		144	0.4	Others				Others	
Total		37798	100.0	Total	31927	100.0	Total	26221	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

Cinsaut	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 France	31593	65.2	1 France	19505	56.1	1 France	15930	69.5
2 Algeria	7550	15.6	2 Algeria	7550	21.7	2 Morocco	3239	14.1
3 Morocco	3940	8.1	3 Morocco	3940	11.3	3 South Africa	1767	7.7
4 South Africa	3533	7.3	4 South Africa	2052	5.9	4 Chile	848	3.7
5 Tunisia	842	1.7	5 Tunisia	842	2.4	5 Tunisia	626	2.7
6 Italy	274	0.6	6 Turkey	500	1.4	6 Turkey	430	1.9
7 Chile	195	0.4	7 Chile	198	0.6	7 United States	45	0.2
8 Greece	108	0.2	8 Italy	51	0.1	8 Portugal	12	0.1
9 United States	33	0.1	9 United States	45	0.1	9 Australia	10	0.0
10 Argentina	6	0.0	10 Greece	43	0.1	10 Spain	10	0.0
11 Spain	3	0.0	11 Portugal	17	0.0	11 Greece	4	0.0
12			12 Argentina	6	0.0	12 Italy	4	0.0
13			13 China	3	0.0	13 Argentina	1	0.0
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
Others	351	0.7	Others			Others		
Total	48428	100.0	Total	34751	100.0	Total	22926	100.0
Carmenère	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 Chile	4719	82.6	1 Chile	8827	77.7	1 China	11200	49.8
2 Italy	43	0.7	2 China	1353	11.9	2 Chile	10503	46.7
3 France	5	0.1	3 Italy	1074	9.4	3 Italy	635	2.8
4			4 Argentina	33	0.3	4 Argentina	59	0.3
5			5 France	29	0.3	5 France	28	0.1
6			6 United States	22	0.2	6 United States	24	0.1
7			7 Croatia	19	0.2	7 Australia	16	0.1
8			8 Brazil	7	0.1	8 Brazil	10	0.0
9			9 Canada	2	0.0	9 South Africa	8	0.0
10			10 Hungary	0	0.0	10 Canada	3	0.0
11			11			11 Hungary	0	0.0
12			12			12 Switzerland	0	0.0
13			13			13 Spain	0	0.0
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
Others	945	16.5	Others			Others		
Total	5711	2.7	Total	11366	100.0	Total	22486	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
	<b>Douce Noire</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>			
1	Argentina	15659	85.5	1	Argentina	18775	95.6	1	Argentina
2	Italy	2642	14.4	2	Italy	821	4.2	2	Italy
3	United States	21	0.1	3	United States	34	0.2	3	United States
4	France	1	0.0	4	France	0	0.0	4	France
5				5	Brazil	0	0.0	5	
6				6				6	
7				7				7	
8				8				8	
9				9				9	
10				10				10	
11				11				11	
12				12				12	
13				13				13	
14				14				14	
15				15				15	
16				16				16	
17				17				17	
18				18				18	
19				19				19	
20				20				20	
	Others			Others				Others	
	Total	18323	100.0	Total	19630	100.0	Total	19733	100.0
		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
	<b>Barbera</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>			
1	Italy	27175	82.2	1	Italy	20524	84.2	1	Italy
2	United States	4693	14.2	2	United States	2798	11.5	2	United States
3	Argentina	1055	3.2	3	Argentina	733	3.0	3	Argentina
4	Australia	103	0.3	4	Slovenia	134	0.5	4	Australia
5	South Africa	15	0.0	5	Australia	116	0.5	5	Slovenia
6				6	South Africa	51	0.2	6	South Africa
7				7	Brazil	5	0.0	7	Chile
8				8	Chile	4	0.0	8	Brazil
9				9	Canada	1	0.0	9	Canada
10				10	Romania	0	0.0	10	Switzerland
11				11				11	Romania
12				12				12	Spain
13				13				13	
14				14				14	
15				15				15	
16				16				16	
17				17				17	
18				18				18	
19				19				19	
20				20				20	
	Others			Others				Others	
	Total	33041	100.0	Total	24366	100.0	Total	17824	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

<b>Isabella</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 Brazil	14285	52.0	1 Brazil	18279	56.3	1 Brazil	11664	65.5
2 Moldova	11401	41.5	2 Moldova	11401	35.1	2 Moldova	3468	19.5
3 Argentina	74	0.3	3 Ukraine	2396	7.4	3 Russia	1362	7.6
4 United States	16	0.1	4 Uruguay	256	0.8	4 Ukraine	1200	6.7
5		5 Russia		162	0.5	5 Uruguay	102	0.6
6		6				6 Australia	15	0.1
7		7				7 Switzerland	1	0.0
8		8						
9		9						
10		10				10		
11		11				11		
12		12				12		
13		13				13		
14		14				14		
15		15				15		
16		16				16		
17		17				17		
18		18				18		
19		19				19		
20		20				20		
Others	1673	6.1	Others			Others		
Total	27450	100.0	Total	32494	100.0	Total	17813	100.0
<b>Blaufränkisch</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>			
	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1 Hungary	6920	49.4	1 Hungary	7998	44.7	1 Hungary	7260	42.3
2 Austria	2641	18.9	2 Austria	3228	18.0	2 Austria	2808	16.3
3 Croatia	1189	8.5	3 Germany	1749	9.8	3 Germany	1737	10.1
4 Germany	1118	8.0	4 Slovakia	1378	7.7	4 Slovakia	1216	7.1
5 Slovakia	1091	7.8	5 Czechia	1160	6.5	5 Czechia	1143	6.7
6 Czechia	680	4.9	6 Romania	760	4.2	6 Romania	729	4.2
7 Italy	111	0.8	7 Slovenia	680	3.8	7 Serbia	727	4.2
8 United States	45	0.3	8 Croatia	558	3.1	8 Slovenia	709	4.1
9		9 Peru		290	1.6	9 Croatia	521	3.0
10		10 Italy		59	0.3	10 Peru	290	1.7
11		11 United States		22	0.1	11 Italy	28	0.2
12		12 Canada		4	0.0	12 Canada	5	0.0
13		13 Switzerland		3	0.0	13 Switzerland	4	0.0
14		14				14 United States	3	0.0
15		15				15 Australia	1	0.0
16		16						
17		17						
18		18						
19		19						
20		20						
Others	203	1.4	Others			Others		
Total	13997	100.0	Total	17890	100.0	Total	17180	100.0

Table 30 (cont.): National ranking of top 20 countries, 24 top red varieties, 2000, 2010 and 2016 (ha and %)

<b>Criolla Grande 2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Argentina	24264	100.0	1 Argentina	20745	100.0	1 Argentina	15596
2			2			2		
3			3			3		
4			4			4		
5			5			5		
6			6			6		
7			7			7		
8			8			8		
9			9			9		
10			10			10		
11			11			11		
12			12			12		
13			13			13		
14			14			14		
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
Others			Others			Others		
Total	24264	100.0	Total	20745	100.0	Total	15596	100.0
 <b>Pinot Meunier 2000</b>	 bearing area (ha)	 % of world	 <b>2010</b>	 bearing area (ha)	 % of world	 <b>2016</b>	 bearing area (ha)	 % of world
1 France	10621	80.9	1 France	11087	81.7	1 France	12130	82.5
2 Germany	2289	17.4	2 Germany	2301	17.0	2 Germany	2002	13.6
3 Australia	107	0.8	3 United States	66	0.5	3 United Kingdom	202	1.4
4 United States	80	0.6	4 United Kingdom	50	0.4	4 Moldova	138	0.9
5 Argentina	11	0.1	5 New Zealand	19	0.1	5 Australia	82	0.6
6 Italy	10	0.1	6 Italy	14	0.1	6 United States	76	0.5
7 Spain	7	0.1	7 South Africa	13	0.1	7 New Zealand	21	0.1
8 South Africa	6	0.0	8 Argentina	11	0.1	8 South Africa	14	0.1
9			9 Canada	5	0.0	9 Argentina	11	0.1
10			10 Spain	1	0.0	10 Canada	9	0.1
11			11			11 Italy	5	0.0
12			12			12 Spain	2	0.0
13			13			13 Chile	2	0.0
14			14			14 Switzerland	0	0.0
15			15			15		
16			16			16		
17			17			17		
18			18			18		
19			19			19		
20			20			20		
Others			Others			Others		
Total	13131	100.0	Total	13566	100.0	Total	14695	100.0

Table 31: National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

Airén	<b>2000</b>		bearing area (ha)	% of world	<b>2010</b>		bearing area (ha)	% of world	<b>2016</b>		bearing area (ha)	% of world
	1 Spain	387978	100.0	1 Spain	252364	100.0 <th>1 Spain</th> <td>203276</td> <td>99.7</td> <th>2 Morocco</th> <td>440</td> <td>0.2</td>	1 Spain	203276	99.7	2 Morocco	440	0.2
	2			2			3			3 Tunisia	85	0.0
	3			3			4			4		
	4			4			5			5		
	5			5			6			6		
	6			6			7			7		
	7			7			8			8		
	8			8			9			9		
	9			9			10			10		
	10			10			11			11		
	11			11			12			12		
	12			12			13			13		
	13			13			14			14		
	14			14			15			15		
	15			15			16			16		
	16			16			17			17		
	17			17			18			18		
	18			18			19			19		
	19			19			20			20		
	Others			Others			Others			Others		
	Total	387978	100.0	Total	252364	100.0	Total	203801	100.0			
Chardonnay	<b>2000</b>		bearing area (ha)	% of world	<b>2010</b>		bearing area (ha)	% of world	<b>2016</b>		bearing area (ha)	% of world
	1 France	36496	25.1	1 France	45243	22.7	1 France	47451	23.5	2 United States	41392	20.5
	2 United States	35791	24.6	2 United States	40846	20.4	3 Australia	21321	10.6	3 Australia	19769	9.8
	3 Australia	17266	11.9	3 Australia	27773	13.9	4 Italy	11435	5.7	4 Argentina	6227	3.1
	5 Italy	11687	8.0	5 Italy	19709	9.9	5 Italy	6866	3.4	5 Chile	6100	3.0
	6 Chile	7672	5.3	6 Chile	13082	6.5	6 Chile	1500	0.7	6 Hungary	1485	0.7
	7 South Africa	6067	4.2	7 South Africa	8278	4.1	7 Spain	1455	0.7	7 South Africa	1455	0.7
	9 Moldova	5134	3.5	9 Spain	6958	3.5	9 South Africa	1455	0.7	8 Canada	13082	2.0
	4 Argentina	4682	3.2	4 Argentina	6584	3.3	10 New Zealand	3911	2.0	10 Moldova	4133	2.0
	8 Hungary	2954	2.0	8 Moldova	5134	2.6	11 Ukraine	2985	1.5	11 Russia	3481	1.7
	10 New Zealand	2787	1.9	10 New Zealand	3911	2.0	12 Hungary	2757	1.4	12 New Zealand	3117	1.5
	11 Bulgaria	1862	1.3	11 Ukraine	2457	1.2	13 Bulgaria	1981	1.0	13 Bulgaria	3087	1.5
	12 Spain	1814	1.2	12 Hungary	1380	0.7	14 Russia	1228	0.6	14 Hungary	2464	1.2
	13 Russia	1639	1.1	13 Bulgaria	1208	0.6	15 Austria	1178	0.6	15 Romania	1878	0.9
	14 Slovenia	1549	1.1	14 Russia	1067	0.5	16 Germany	1067	0.4	16 Austria	1577	0.8
	15 Romania	1376	0.9	15 Austria	803	0.4	17 Slovenia	5181	2.6	17 Ukraine	1500	0.7
	16 Canada	973	0.7	16 Germany	5181	2.6	18 Canada	803	0.4	18 Germany	1485	0.7
	17 Slovakia	623	0.4	17 Slovenia	803	0.4	19 Romania	5181	2.6	19 Serbia	1455	0.7
	18 Czechia	567	0.4	18 Canada	1067	0.5	20 Portugal	803	0.4	20 Canada	1417	0.7
	19 Germany	531	0.4	19 Romania	1067	0.5	Others	1067	0.5	Others	8639	4.3
	20 Brazil	330	0.2	20 Portugal	803	0.4	Total	199743	100.0	Total	201649	100.0
	Others	3742	2.6	Others	5181	2.6						
	Total	145543	100.0	Total	199743	100.0						

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
Sauvignon Blanc 2000			2010			2016		
1 France	20933	32.1	1 France	27931	25.0	1 France	28084	22.5
2 Moldova	8151	12.5	2 New Zealand	16205	14.5	2 New Zealand	20497	16.4
3 Chile	6662	10.2	3 Chile	12159	10.9	3 Chile	14999	12.0
4 South Africa	5436	8.3	4 South Africa	9551	8.6	4 South Africa	9246	7.4
5 Romania	4613	7.1	5 Moldova	8151	7.3	5 Moldova	6909	5.5
6 United States	4191	6.4	6 United States	6584	5.9	6 United States	6747	5.4
7 Italy	3312	5.1	7 Australia	6467	5.8	7 Australia	6044	4.8
8 Australia	2602	4.0	8 Romania	4157	3.7	8 Romania	5594	4.5
9 New Zealand	2423	3.7	9 Spain	4011	3.6	9 Spain	4562	3.7
10 Slovenia	1221	1.9	10 Italy	3744	3.4	10 Italy	3935	3.2
11 Argentina	865	1.3	11 Ukraine	3123	2.8	11 Russia	2501	2.0
12 Spain	467	0.7	12 Argentina	2297	2.1	12 Argentina	2148	1.7
13 Bulgaria	405	0.6	13 Slovenia	1061	1.0	13 China	2000	1.6
14 Hungary	324	0.5	14 Russia	951	0.9	14 Ukraine	1550	1.2
15 Austria	314	0.5	15 Hungary	907	0.8	15 Austria	1170	0.9
16 Israel	263	0.4	16 Austria	845	0.8	16 Slovenia	1121	0.9
17 Greece	158	0.2	17 Czechia	804	0.7	17 Hungary	982	0.8
18 Canada	148	0.2	18 Germany	518	0.5	18 Czechia	906	0.7
19 Uruguay	142	0.2	19 Canada	320	0.3	19 Serbia	741	0.6
20 Brazil	140	0.2	20 Israel	263	0.2	20 Germany	736	0.6
Others	2420	3.7	Others	1502	1.3	Others	4227	3.4
Total	65190	100.0	Total	111552	100.0	Total	124700	100.0
Trebbiano Toscano 2000	bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
			2010			2016		
1 France	90341	65.8	1 France	83445	75.0	1 France	78842	65.5
2 Italy	39447	28.8	2 Italy	22702	20.4	2 Italy	35441	29.4
3 Argentina	2765	2.0	3 Argentina	2425	2.2	3 Argentina	1622	1.3
5 Bulgaria	1821	1.3	5 Uruguay	762	0.7	5 China	1500	1.2
6 Greece	746	0.5	6 Bulgaria	723	0.6	6 Bulgaria	738	0.6
7 Brazil	688	0.5	7 Greece	298	0.3	7 Uruguay	682	0.6
9 Australia	685	0.5	9 Portugal	212	0.2	9 India	300	0.2
4 Portugal	382	0.3	4 Croatia	210	0.2	4 Moldova	277	0.2
8 United States	151	0.1	8 Brazil	149	0.1	8 Brazil	231	0.2
10 South Africa	147	0.1	10 Australia	86	0.1	10 Greece	211	0.2
11 Spain	28	0.0	11 United States	80	0.1	11 South Africa	156	0.1
12			12 South Africa	74	0.1	12 Portugal	122	0.1
13			13 Russia	66	0.1	13 United States	88	0.1
14			14 Spain	45	0.0	14 Russia	66	0.1
15			15 Romania	11	0.0	15 Spain	49	0.0
16			16 Canada	2	0.0	16 Australia	14	0.0
17			17			17 Romania	3	0.0
18			18			18 Canada	2	0.0
19			19			19		
20			20			20		
Others			Others			Others		
Total	137201	100.0	Total	111290	100.0	Total	120343	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	<b>Riesling</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
		1 Germany	22350	51.6	1 Germany	22429	44.8	1 Germany	21540	36.0
2 France		3407	7.9		2 United States	4852	9.7	2 Romania	6121	10.2
3 Australia		3129	7.2		3 Australia	4114	8.2	3 United States	4952	8.3
4 United States		1965	4.5		4 France	3513	7.0	4 France	4025	6.7
5 Austria		1643	3.8		5 Ukraine	2702	5.4	5 Australia	3114	5.2
6 Hungary		1619	3.7		6 Austria	1852	3.7	6 Russia	2232	3.7
7 Russia		1376	3.2		7 Moldova	1343	2.7	7 Austria	2016	3.4
8 Moldova		1343	3.1		8 Hungary	1304	2.6	8 Moldova	1701	2.8
9 Czechia		793	1.8		9 Czechia	1181	2.4	9 China	1600	2.7
10 Bulgaria		647	1.5		10 New Zealand	979	2.0	10 Italy	1461	2.4
11 Italy		599	1.4		11 Russia	882	1.8	11 Serbia	1361	2.3
12 New Zealand		490	1.1		12 Canada	871	1.7	12 Ukraine	1350	2.3
13 Canada		482	1.1		13 Croatia	676	1.4	13 Hungary	1261	2.1
14 South Africa		477	1.1		14 Slovenia	676	1.4	14 Canada	1188	2.0
15 Chile		286	0.7		15 Slovakia	605	1.2	15 Czechia	1172	2.0
16 Luxembourg		175	0.4		16 Italy	446	0.9	16 N. Macedonia	900	1.5
17 Argentina		150	0.3		17 China	437	0.9	17 New Zealand	767	1.3
18 Spain		97	0.2		18 Chile	367	0.7	18 Croatia	625	1.0
19 Switzerland		8	0.0		19 South Africa	211	0.4	19 Slovakia	620	1.0
20					20 Spain	161	0.3	20 Slovenia	607	1.0
Others		2279	5.3		Others	412	0.8	Others	1192	2.0
Total		43316	100.0		Total	50014	100.0	Total	59805	100.0
	<b>Rkatsiteli</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
		1 Georgia	19741	29.3	1 Georgia	25324	43.2	1 Georgia	25324	49.3
2 Russia		13152	19.5		2 Ukraine	11552	19.7	2 Russia	6477	12.6
3 Moldova		11508	17.1		3 Moldova	11508	19.6	3 Ukraine	5775	11.2
4 Bulgaria		9429	14.0		4 Kazakhstan	3552	6.1	4 Bulgaria	5415	10.5
5 Armenia		2469	3.7		5 Bulgaria	3121	5.3	5 Moldova	3898	7.6
6 Romania		506	0.8		6 Armenia	2469	4.2	6 Kazakhstan	3552	6.9
7					7 Russia	702	1.2	7 N. Macedonia	460	0.9
8					8 Romania	356	0.6	8 Romania	413	0.8
9					9 Croatia	57	0.1	9 Serbia	60	0.1
10				10			10			
11				11			11			
12				12			12			
13				13			13			
14				14			14			
15				15			15			
16				16			16			
17				17			17			
18				18			18			
19				19			19			
20				20			20			
Others		10549	15.7		Others			Others		
Total		67354	100.0		Total	58641	100.0	Total	51374	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	<b>Macabeo</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>		<b>2016</b>	
		bearing area (ha)	% of world						
1	Spain	42902	89.1	1	Spain	38417	94.0	1	Spain
2	France	5223	10.9	2	France	2446	6.0	2	France
3	Argentina	3	0.0	3	Argentina	2	0.0	3	South Africa
4				4				4	
5				5				5	
6				6				6	
7				7				7	
8				8				8	
9				9				9	
10				10				10	
11				11				11	
12				12				12	
13				13				13	
14				14				14	
15				15				15	
16				16				16	
17				17				17	
18				18				18	
19				19				19	
20				20				20	
Others		Others		Others		Others		Others	
Total		48128	100.0	Total		40864	100.0	Total	
	<b>Cayetana Blanca</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>		<b>2016</b>	
		bearing area (ha)	% of world						
1	Spain	55527	99.6	1	Spain	39633	99.6	1	Spain
2	Australia	249	0.4	2	Portugal	148	0.4	2	Portugal
3				3				3	Australia
4				5				5	
5				6				6	
6				7				7	
7				9				9	
8				4				4	
9				8				8	
10				10				10	
11				11				11	
12				12				12	
13				13				13	
14				14				14	
15				15				15	
16				16				16	
17				17				17	
18				18				18	
19				19				19	
20				20				20	
Others		Others		Others		Others		Others	
Total		55776	100.0	Total		39781	100.0	Total	

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
<b>Muscat Alexandria 2000</b>								
1 Spain	6144	20.8	1 Spain	8237	29.8	1 Spain	9534	27.4
2 Argentina	5515	18.6	2 Argentina	4035	14.6	2 Chile	5424	15.6
3 South Africa	4047	13.7	3 Morocco	3669	13.3	3 China	3000	8.6
4 Morocco	3669	12.4	4 France	2603	9.4	4 Argentina	2716	7.8
5 France	3027	10.2	5 South Africa	2167	7.8	5 France	2462	7.1
6 Australia	2495	8.4	6 Australia	2043	7.4	6 Australia	2179	6.3
7 United States	2013	6.8	7 Italy	1521	5.5	7 Morocco	2093	6.0
8 Italy	1157	3.9	8 United States	1285	4.6	8 United States	1987	5.7
9 Brazil	809	2.7	9 Chile	1090	3.9	9 South Africa	1781	5.1
10 Portugal	510	1.7	10 Portugal	647	2.3	10 Italy	1375	3.9
11 Israel	202	0.7	11 Israel	202	0.7	11 Greece	773	2.2
12			12 Cyprus	120	0.4	12 Portugal	509	1.5
13			13 Russia	21	0.1	13 Tunisia	405	1.2
14			14 Brazil	7	0.0	14 Israel	220	0.6
15			15			15 Algeria	200	0.6
16			16			16 India	100	0.3
17			17			17 Uruguay	22	0.1
18			18			18 Russia	21	0.1
19			19			19 Brazil	6	0.0
20			20					
Others			Others			Others		
Total	29590	100.0	Total	27648	100.0	Total	34805	100.0
<b>Muscat Blanc à Petits Grains 2000</b>								
1 Italy	13016	43.4	1 Italy	11506	36.8	1 Italy	13334	39.5
2 France	6935	23.1	2 France	7671	24.5	2 France	7333	21.7
3 Greece	2232	7.4	3 Greece	2162	6.9	3 Romania	1579	4.7
4 Hungary	1538	5.1	4 Spain	1291	4.1	4 Greece	1568	4.6
5 Portugal	1419	4.7	5 Brazil	1005	3.2	5 Spain	1350	4.0
6 Romania	1012	3.4	6 Romania	840	2.7	6 United States	1218	3.6
7 South Africa	773	2.6	7 United States	733	2.3	7 Portugal	1031	3.1
8 Armenia	526	1.8	8 Hungary	709	2.3	8 Australia	857	2.5
9 United States	515	1.7	9 South Africa	689	2.2	9 South Africa	839	2.5
10 Spain	223	0.7	10 Ukraine	674	2.2	10 Austria	823	2.4
11 Australia	214	0.7	11 Portugal	535	1.7	11 Hungary	762	2.3
12 Moldova	172	0.6	12 Australia	533	1.7	12 Slovenia	586	1.7
13 Argentina	149	0.5	13 Armenia	526	1.7	13 Russia	483	1.4
14 Austria	143	0.5	14 Austria	492	1.6	14 N. Macedonia	400	1.2
15 Germany	87	0.3	15 Peru	361	1.2	15 Peru	361	1.1
16 Switzerland	44	0.1	16 Slovenia	353	1.1	16 Ukraine	338	1.0
17			17 Mexico	246	0.8	17 Mexico	246	0.7
18			18 Germany	190	0.6	18 Germany	240	0.7
19			19 Moldova	172	0.6	19 Turkey	129	0.4
20			20 Russia	145	0.5	20 Argentina	94	0.3
Others	981	3.3	Others	427	1.4	Others	168	0.5
Total	29979	100.0	Total	31259	100.0	Total	33739	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
	<b>2000</b>			<b>2010</b>			<b>2016</b>		
<b>Chenin Blanc</b>	1 South Africa	22566	49.3	1 South Africa	18515	51.9	1 South Africa	17707	55.0
	2 France	9837	21.5	2 France	9825	27.5	2 France	9432	29.3
	3 United States	8433	18.4	3 United States	3221	9.0	3 Argentina	2157	6.7
	4 Argentina	3445	7.5	4 Argentina	2851	8.0	4 United States	1969	6.1
	5 Australia	841	1.8	5 Australia	541	1.5	5 Australia	406	1.3
	6 New Zealand	146	0.3	6 Mexico	275	0.8	6 Mexico	275	0.9
	7 Spain	105	0.2	7 Israel	101	0.3	7 Spain	106	0.3
	8 Israel	101	0.2	8 Spain	100	0.3	8 Ethiopia	54	0.2
	9 Chile	76	0.2	9 Chile	57	0.2	9 Chile	39	0.1
	10 Switzerland	1	0.0	10 Ethiopia	54	0.2	10 New Zealand	24	0.1
	11			11 New Zealand	50	0.1	11 Thailand	16	0.1
	12			12 Italy	45	0.1	12 Switzerland	8	0.0
	13			13 Brazil	18	0.0	13 Italy	7	0.0
	14			14 Thailand	13	0.0	14 Brazil	7	0.0
	15			15 China	10	0.0	15 Canada	6	0.0
	16			16 Canada	7	0.0	16 Hungary	6	0.0
	17			17 Uruguay	7	0.0	17 Uruguay	2	0.0
	18			18 Switzerland	6	0.0	18 Peru	2	0.0
	19			19 Hungary	6	0.0	19 Portugal	0	0.0
	20			20 Peru	2	0.0	20		
	Others	210	0.5	Others	1	0.0	Others		
	Total	45761	100.0	Total	35703	100.0	Total	32221	100.0
<b>Colombard</b>		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
	<b>2000</b>			<b>2010</b>			<b>2016</b>		
	1 United States	18010	46.6	1 South Africa	11990	36.4	1 South Africa	11512	38.4
	2 South Africa	11432	29.6	2 United States	10025	30.4	2 France	8441	28.1
	3 France	6896	17.8	3 France	8173	24.8	3 United States	7991	26.6
	4 Australia	1801	4.7	4 Australia	2205	6.7	4 Australia	1789	6.0
	5 Israel	486	1.3	5 Israel	486	1.5	5 Israel	220	0.7
	6			6 Brazil	46	0.1	6 Brazil	22	0.1
	7			7 Thailand	11	0.0	7 Thailand	15	0.0
	8			8 Uruguay	4	0.0	8 Spain	6	0.0
	9			9 Spain	4	0.0	9		
	10			10			10		
	11			11			11		
	12			12			12		
	13			13			13		
	14			14			14		
	15			15			15		
	16			16			16		
	17			17			17		
	18			18			18		
	19			19			19		
	20			20			20		
	Others	8	0.0	Others			Others		
	Total	38632	100.0	Total	32944	100.0	Total	29996	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	<b>Catarratto Bianco 2000</b>	bearing	% of	bearing	% of	bearing	% of				
		area (ha)	world	2010	area (ha)	world	2016	area (ha)	world		
1	Italy	50711	100.0	1	Italy	34794	99.8	1	Italy	28563	99.8
2				2	United States	68	0.2	2	United States	50	0.2
3				3				3			
4				4				4			
5				5				5			
6				6				6			
7				7				7			
8				8				8			
9				9				9			
10				10				10			
11				11				11			
12				12				12			
13				13				13			
14				14				14			
15				15				15			
16				16				16			
17				17				17			
18				18				18			
19				19				19			
20				20				20			
	Others			Others			Others				
	Total	50711	100.0	Total	34863	100.0	Total	28613	100.0		
	<b>Aligoté 2000</b>	bearing	% of	bearing	% of	bearing	% of				
		area (ha)	world	2010	area (ha)	world	2016	area (ha)	world		
1	Moldova	15790	44.3	1	Moldova	15790	43.7	1	Moldova	7765	28.8
2	Romania	7608	21.3	2	Ukraine	9627	26.7	2	Russia	5843	21.7
3	Russia	1821	5.1	3	Romania	7297	20.2	3	Romania	5840	21.7
4	France	1756	4.9	4	France	1953	5.4	4	Ukraine	4814	17.9
5	Bulgaria	1659	4.7	5	Russia	1029	2.8	5	France	1927	7.2
6	Georgia	97	0.3	6	Kazakhstan	277	0.8	6	Bulgaria	285	1.1
7	Switzerland	20	0.1	7	Georgia	124	0.3	7	Kazakhstan	277	1.0
8				8	Switzerland	23	0.1	8	Georgia	124	0.5
9				9	Hungary	0	0.0	9	Canada	30	0.1
10				10	Brazil	0	0.0	10	Switzerland	24	0.1
11				11				11	Hungary	0	0.0
12				12				12			
13				13				13			
14				14				14			
15				15				15			
16				16				16			
17				17				17			
18				18				18			
19				19				19			
20				20				20			
	Others	6916	19.4	Others			Others				
	Total	35668	100.0	Total	36120	100.0	Total	26929	100.0		

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

<b>Graševina</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Serbia	33120	35.9	1 Serbia	33120	54.1	1 Croatia	4459	18.3
2 Croatia	16051	17.4		2 Romania	7530	12.3	2 Hungary	3933	16.1
3 Romania	15014	16.3		3 Croatia	4701	7.7	3 Austria	3233	13.3
4 Hungary	6677	7.2		4 Hungary	4664	7.6	4 China	3000	12.3
5 Austria	4323	4.7		5 Austria	3462	5.7	5 Serbia	2037	8.4
6 Slovakia	3895	4.2		6 Slovenia	2360	3.9	6 Slovenia	1935	7.9
7 Bulgaria	3602	3.9		7 Slovakia	1655	2.7	7 Romania	1437	5.9
8 Slovenia	3568	3.9		8 Italy	1568	2.6	8 Italy	1259	5.2
9 Italy	2007	2.2		9 Czechia	1148	1.9	9 Czechia	1114	4.6
10 Spain	1923	2.1		10 Spain	791	1.3	10 Spain	1064	4.4
11 Czechia	1246	1.4		11 Brazil	200	0.3	11 Slovakia	456	1.9
12 Brazil	880	1.0		12			12 N. Macedonia	270	1.1
13				13			13 Brazil	188	0.8
14				14					
15				15					
16				16					
17				17					
18				18					
19				19					
20				20					
Others				Others			Others		
Total	92306	100.0		Total	61200	100.0	Total	24384	100.0
<b>Palomino Fino</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Spain	27685	90.7	1 Spain	18836	83.0	1 Spain	20110	86.7
2 South Africa	1632	5.3		2 Portugal	3033	13.4	2 Portugal	2594	11.2
3 France	440	1.4		3 South Africa	270	1.2	3 South Africa	134	0.6
4 United States	319	1.0		4 Argentina	163	0.7	4 Mexico	109	0.5
5 Argentina	216	0.7		5 United States	135	0.6	5 Argentina	104	0.4
6 Australia	124	0.4		6 France	134	0.6	6 United States	70	0.3
7 New Zealand	21	0.1		7 Mexico	109	0.5	7 France	41	0.2
8				8 New Zealand	14	0.1	8 Australia	19	0.1
9				9			9 New Zealand	7	0.0
10				10			10 Switzerland	0	0.0
11				11					
12				12					
13				13					
14				14					
15				15					
16				16					
17				17					
18				18					
19				19					
20				20					
Others	76	0.2		Others			Others		
Total	30513	100.0		Total	22693	100.0	Total	23190	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	<b>2000</b>	bearing	% of	<b>2010</b>	bearing	% of	<b>2016</b>	bearing	% of
		area (ha)	world		area (ha)	world		area (ha)	world
<b>Prosecco</b>	1 Italy	7498	99.9	1 Italy	18255	99.0	1 Italy	19730	98.1
	2 Argentina	9	0.1	2 Brazil	173	0.9	2 Brazil	207	1.0
	3			3 Argentina	10	0.1	3 Australia	160	0.8
	4			4			4 Argentina	11	0.1
	5			5			5		
	6			6			6		
	7			7			7		
	8			8			8		
	9			9			9		
	10			10			10		
	11			11			11		
	12			12			12		
	13			13			13		
	14			14			14		
	15			15			15		
	16			16			16		
	17			17			17		
	18			18			18		
	19			19			19		
	20			20			20		
	Others			Others			Others		
	Total	7507	100.0	Total	18437	100.0	Total	20109	100.0
<b>Müller-Thurgau</b>	<b>2000</b>	bearing	% of	<b>2010</b>	bearing	% of	<b>2016</b>	bearing	% of
		area (ha)	world		area (ha)	world		area (ha)	world
	1 Germany	20706	61.6	1 Germany	13638	59.5	1 Germany	11664	59.8
	2 Austria	3289	9.8	2 Hungary	2098	9.2	2 Austria	1777	9.1
	3 Hungary	3278	9.8	3 Austria	2044	8.9	3 Hungary	1670	8.6
	5 Slovakia	1870	5.6	5 Czechia	1572	6.9	5 Czechia	1479	7.6
	6 Czechia	1586	4.7	6 Italy	1312	5.7	6 Italy	1296	6.6
	7 Italy	996	3.0	7 Slovakia	932	4.1	7 Slovakia	509	2.6
	9 Switzerland	686	2.0	9 Switzerland	493	2.1	9 Switzerland	465	2.4
	4 Luxembourg	459	1.4	4 Luxembourg	184	0.8	4 Luxembourg	316	1.6
	8 New Zealand	419	1.2	8 Moldova	173	0.8	8 Slovenia	128	0.7
	10 Moldova	173	0.5	10 Japan	172	0.7	10 Russia	106	0.5
	11 France	5	0.0	11 Russia	106	0.5	11 United States	39	0.2
	12			12 New Zealand	79	0.3	12 Japan	22	0.1
	13			13 Croatia	60	0.3	13 United Kingdom	15	0.1
	14			14 United Kingdom	43	0.2	14 Canada	6	0.0
	15			15 Canada	7	0.0	15 Moldova	4	0.0
	16			16 France	5	0.0	16 France	2	0.0
	17			17 Romania	0	0.0	17 New Zealand	2	0.0
	18			18			18 Australia	1	0.0
	19			19			19 Romania	0	0.0
	20			20					
	Others	120	0.4	Others			Others		
	Total	33587	100.0	Total	22917	100.0	Total	19501	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	<b>Grüner Veltiner</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>		<b>2016</b>	
		bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1	Austria	17479	74.1	1 Austria	13519	71.8	1 Austria	14376	75.2
2	Slovakia	2960	12.5	2 Slovakia	2091	11.1	2 Slovakia	1627	8.5
3	Czechia	1700	7.2	3 Hungary	1533	8.1	3 Czechia	1538	8.0
4	Hungary	1335	5.7	4 Czechia	1527	8.1	4 Hungary	1381	7.2
5	Italy	129	0.5	5 Italy	165	0.9	5 United States	60	0.3
6				6 Romania	0	0.0	6 Italy	55	0.3
7			7				7 New Zealand	43	0.2
8			8				8 Germany	14	0.1
9			9				9 Australia	9	0.0
10			10				10 Argentina	7	0.0
11			11				11 South Africa	4	0.0
12			12				12 Canada	3	0.0
13			13				13 Switzerland	1	0.0
14			14				14 Romania	0	0.0
15			15				15		
16			16				16		
17			17				17		
18			18				18		
19			19				19		
20			20				20		
	Others			Others			Others		
	Total	23604	100.0	Total	18834	100.0	Total	19118	100.0
	<b>Trebbiano Romagnolo</b>	<b>2000</b>		<b>2010</b>		<b>2016</b>		<b>2016</b>	
		bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world	bearing area (ha)	% of world
1	Italy	19492	100.0	1 Italy	15893	100.0	1 Italy	19059	100.0
2			2				2		
3			3				3		
5			5				5		
6			6				6		
7			7				7		
9			9				9		
4			4				4		
8			8				8		
10			10				10		
11			11				11		
12			12				12		
13			13				13		
14			14				14		
15			15				15		
16			16				16		
17			17				17		
18			18				18		
19			19				19		
20			20				20		
	Others			Others			Others		
	Total	19492	100.0	Total	15893	100.0	Total	19059	100.0

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

<b>Sémillon</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 France	14015	53.4	1 France	11566	52.2	1 France	10234	54.7
2 Australia	6528	24.9	2 Australia	6112	27.6	2 Australia	4556	24.4	
3 Chile	1893	7.2	3 South Africa	1192	5.4	3 South Africa	1121	6.0	
4 Argentina	1033	3.9	4 Argentina	956	4.3	4 Chile	849	4.5	
5 South Africa	1033	3.9	5 Chile	846	3.8	5 Argentina	767	4.1	
6 United States	709	2.7	6 Turkey	547	2.5	6 Turkey	529	2.8	
7 Brazil	384	1.5	7 United States	436	2.0	7 United States	340	1.8	
8 New Zealand	229	0.9	8 New Zealand	201	0.9	8 Portugal	76	0.4	
9 Greece	21	0.1	9 Portugal	89	0.4	9 New Zealand	63	0.3	
10 Italy	8	0.0	10 Hungary	58	0.3	10 Hungary	43	0.2	
11 Switzerland	3	0.0	11 Italy	31	0.1	11 Russia	25	0.1	
12			12 Russia	25	0.1	12 Canada	19	0.1	
13			13 Uruguay	24	0.1	13 Romania	18	0.1	
14			14 Brazil	24	0.1	14 Uruguay	14	0.1	
15			15 Canada	19	0.1	15 Italy	13	0.1	
16			16 Romania	18	0.1	16 Greece	11	0.1	
17			17 Greece	8	0.0	17 Brazil	6	0.0	
18			18 Switzerland	5	0.0	18 Switzerland	4	0.0	
19			19 China	1	0.0	19 Moldova	3	0.0	
20			20			20 Spain	2	0.0	
Others	382	1.5	Others			Others			
Total	26239	100.0	Total	22157	100.0	Total	18693	100.0	
<b>Verdejo</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Spain	4453	100.0	1 Spain	16578	100.0	1 Spain	17923	100.0
2			2			2 Australia	6	0.0	
3			3			3 Chile	2	0.0	
5			5			5			
6			6			6			
7			7			7			
9			9			9			
4			4			4			
8			8			8			
10			10			10			
11			11			11			
12			12			12			
13			13			13			
14			14			14			
15			15			15			
16			16			16			
17			17			17			
18			18			18			
19			19			19			
20			20			20			
Others			Others			Others			
Total	4453	100.0	Total	16578	100.0	Total	17931	100.0	

Table 31 (cont.): National ranking of top 20 countries, 24 top white varieties, 2000, 2010 and 2016 (ha and %)

	<b>2000</b>	bearing	% of	bearing	% of	bearing	% of
		area (ha)	world	2010	area (ha)	world	2016
<b>Viognier</b>	1 France	2360	74.7	1 France	4823	40.9	1 France
	2 United States	314	10.0	2 Australia	1402	11.9	2 Italy
	3 Argentina	151	4.8	3 United States	1374	11.7	3 United States
	4 Chile	128	4.1	4 Italy	1210	10.3	4 Chile
	5 Australia	117	3.7	5 South Africa	892	7.6	5 South Africa
	6 South Africa	50	1.6	6 Argentina	754	6.4	6 Argentina
	7 Italy	27	0.8	7 Chile	753	6.4	7 Australia
	8 Spain	1	0.0	8 New Zealand	163	1.4	8 Spain
	9			9 Portugal	127	1.1	9 New Zealand
	10			10 Canada	83	0.7	10 Portugal
	11			11 Spain	78	0.7	11 Canada
	12			12 Uruguay	45	0.4	12 Switzerland
	13			13 Switzerland	31	0.3	13 Uruguay
	14			14 Romania	19	0.2	14 Moldova
	15			15 Turkey	16	0.1	15 Romania
	16			16 Brazil	8	0.1	16 Turkey
	17			17 Hungary	6	0.1	17 Hungary
	18			18 Thailand	1	0.0	18 Brazil
	19			19			19 Thailand
	20			20			1
	Others	12	0.4	Others			Others
	Total	3160	100.0	Total	11785	100.0	Total
							16063
							100.0
	<b>2000</b>	bearing	% of	bearing	% of	bearing	% of
		area (ha)	world	2010	area (ha)	world	2016
<b>Pedro Giménez</b>	1 Argentina	14862	100.0	1 Argentina	13384	100.0	1 Argentina
	Total	14862	100.0	Total	13384	100.0	Total
							11197
							100.0
	<b>2000</b>	bearing	% of	bearing	% of	bearing	% of
		area (ha)	world	2010	area (ha)	world	2016
<b>Pedro Ximénez</b>	1 Spain	14803	85.7	1 Spain	9036	97.8	1 Spain
(ranked 38)	2 Chile	2379	13.8	2 Portugal	197	2.1	2 Portugal
	3 Australia	89	0.5	3 Uruguay	1	0.0	3 Australia
	4 Others	1	0.0	4 Peru	1	0.0	4 South Africa
	Total	17272	100.0	Total	9235	100.0	Total
							8809
							100.0

Table 32: National ranking of top 20 countries, 8 top grey varieties, 2000, 2010 and 2016 (ha and %)

		bearing area (ha)	% of world		bearing area (ha)	% of world		bearing area (ha)	% of world
	<b>2000</b>			<b>2010</b>			<b>2016</b>		
<b>Pinot Gris</b>	1 Italy	6608	35.0	1 Italy	17281	39.5	1 Italy	18821	38.7
	2 Germany	2637	14.0	2 United States	5231	12.0	2 United States	7462	15.4
	3 Romania	2388	12.6	3 Germany	4514	10.3	3 Germany	4887	10.1
	4 Moldova	2042	10.8	4 Australia	3296	7.5	4 Australia	3652	7.5
	5 France	1969	10.4	5 France	2674	6.1	5 France	2867	5.9
	6 Hungary	890	4.7	6 Moldova	2042	4.7	6 New Zealand	2422	5.0
	7 United States	826	4.4	7 Hungary	1624	3.7	7 Hungary	1594	3.3
	8 Austria	293	1.5	8 New Zealand	1501	3.4	8 Romania	1561	3.2
	9 Canada	210	1.1	9 Romania	1301	3.0	9 Moldova	1208	2.5
	10 Luxembourg	155	0.8	10 Czechia	706	1.6	10 Czechia	826	1.7
	11 Switzerland	149	0.8	11 Ukraine	685	1.6	11 Canada	649	1.3
	12 New Zealand	127	0.7	12 Canada	549	1.3	12 Slovenia	508	1.0
	13 South Africa	104	0.5	13 Slovenia	501	1.1	13 Chile	437	0.9
	14 Argentina	13	0.1	14 Argentina	386	0.9	14 Argentina	401	0.8
	15 Chile	2	0.0	15 South Africa	261	0.6	15 South Africa	369	0.8
	16			16 Croatia	219	0.5	16 Switzerland	230	0.5
	17			17 Switzerland	216	0.5	17 Austria	224	0.5
	18			18 Austria	215	0.5	18 Luxembourg	196	0.4
	19			19 Slovakia	211	0.5	19 Serbia	112	0.2
	20			20 Luxembourg	146	0.3	20 Russia	78	0.2
	Others	480	2.5	Others	212	0.5	Others	66	0.1
	Total	18893	100.0	Total	43773	100.0	Total	48570	100.0
<b>Cereza</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Argentina	31113	100.0	1 Argentina	29934	100.0	1 Argentina	28887	100.0
	Total	31113	100.0	Total	29934	100.0	Total	28887	100.0
<b>Roditis</b>	<b>2000</b>	bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Greece	299	100.0	1 Greece	4668	100.0	1 Greece	8463	100.0
	Total	299	100.0	Total	4668	100.0	Total	8463	100.0
<b>Misket Chervé 2000</b>		bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Total	0	0.0	1 Bulgaria	4159	100.0	1 Bulgaria	4349	100.0
<b>Cserszegi Fűsz 2000</b>		bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Hungary	2185	100.0	1 Hungary	3609	100.0	1 Hungary	4299	100.0
	Total	2185	100.0	Total	3609	100.0	Total	4299	100.0
<b>Garnacha Rojó 2000</b>		bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 France	2635	95.4	1 France	1635	69.1	1 France	1253	85.7
	2 Spain	122	4.4	2 Greece	645	27.3	2 Greece	114	7.8
	3 Greece	1	0.0	3 Spain	77	3.3	3 Spain	87	5.9
	4			4 Thailand	6	0.2	4 Thailand	5	0.4
	5			5 South Africa	2	0.1	5 South Africa	3	0.2
	Others	4	0.1	Others			Others		
	Total	2761	100.0	Total	2366	100.0	Total	1462	100.0
<b>Moschofilero 2000</b>		bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Greece	718	100.0	1 Greece	1111	100.0	1 Greece	1088	100.0
	Total	718	100.0	Total	1111	100.0	Total	1088	100.0
<b>Roditis (R) 2000</b>		bearing area (ha)	% of world	<b>2010</b>	bearing area (ha)	% of world	<b>2016</b>	bearing area (ha)	% of world
	1 Greece	6945	100.0	1 Greece	3826	100.0	1 Greece	828	100.0
	Total	6945	100.0	Total	3826	100.0	Total	828	100.0

Table 33: National winegrape area for world's top 30 red varieties, 2000 (hectares)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Garnacha Tinta</i>	<i>Merlot</i>	<i>Mazuelo</i>	<i>Syrah</i>	<i>Bobal</i>	<i>Tempranillo</i>	<i>Monastrell</i>
Algeria	1510	6040	1510	7550	1510			
Argentina	13776	9	6263	57	8888		4720	0
Armenia								
Australia	24997	2139	7669	90	29295		41	948
Austria	312		112					
Brazil	587		469					
Bulgaria	10441		11169					
Canada	569		674					
Chile	35967		12825	641	2040		1	22
Croatia								
Cyprus								
Czechia								
France	53413	95717	101309	95745	50676		1549	7634
Georgia	223							
Germany								
Greece	688	22	183	14	39			
Hungary	1052		486					
Israel	607		647	971				
Italy	7682	6781	21861	1721	1025		7	
Korea Rep.								
Luxembourg								
Moldova	7590		8123					
Morocco		802		1692				
New Zealand	654		657		60			
Portugal	318						7356	
Romania	8620		7810					
Russia	1578							
Serbia								
Slovakia	156							
Slovenia			1197					
South Africa	8824	40	4888	71	5631		14	13
Spain	4519	98131	1186	8103	86	100128	79310	67160
Switzerland	34		848		54			
Taiwan								
Tunisia	337	2020		7576	337			337
United Kingdom								
United States	17573	4519	16875	3088	1509		201	187
Uruguay	675		1057		62			
"Missing 9"	20373	129	5549	374	1278		171	3
<b>Total</b>	<b>223074</b>	<b>216349</b>	<b>213368</b>	<b>127692</b>	<b>102490</b>	<b>100128</b>	<b>93370</b>	<b>76304</b>

Table 33 (cont.) National winegrape area for world's top 30 red varieties, 2000 (hectares)

<i>Country</i>	<i>Sangiovese</i>	<i>Pinot Noir</i>	<i>Cabernet Franc</i>	<i>Cinsaut</i>	<i>Gamay Noir</i>	<i>Henri Bouschet</i>	<i>Alicante</i>	<i>Montepulciano</i>
Algeria		1510		7550		3020		
Argentina	2490	1114	252	6	2	113	1055	49
Armenia								
Australia	372	3223	744				103	
Austria		409	27					
Brazil			3784					
Bulgaria		769						
Canada		457	567		263			
Chile	123	1614	689	195		2882		
Croatia								
Cyprus								
Czechia								
France	1564	26526	36094	31593	34537	8764		
Georgia								
Germany		8643						
Greece			40	108		21		
Hungary		243	526					
Israel								
Italy	62761	3287	6639	274	152	510	27175	28679
Korea Rep.					1			
Luxembourg		66						
Moldova		6521						
Morocco				3940		1098		
New Zealand		1098	118					
Portugal						675		
Romania		1740						
Russia								
Serbia								
Slovakia								
Slovenia								
South Africa	35	487	488	3533	36	8	15	
Spain		417	30	3	1	18321		
Switzerland		4601	16		1977			
Taiwan								
Tunisia		842		842		842		
United Kingdom								
United States	682	5343	1189	33	684	563	4693	
Uruguay			364					
"Missing 9"	8	741	409	351	144	341		
<b>Total</b>	<b>68877</b>	<b>68810</b>	<b>51974</b>	<b>48428</b>	<b>37798</b>	<b>37157</b>	<b>33041</b>	<b>28728</b>

Table 33 (cont.) National winegrape area for world's top 30 red varieties, 2000 (hectares)

<i>Country</i>	<i>Isabella</i>	<i>Tribidrag</i>	<i>Côt</i>	<i>Criolla Grande</i>	<i>Pamid</i>	<i>Douce Noire</i>	<i>Negroamaro</i>	<i>Doukkali</i>
Algeria								
Argentina	74	6	18230	24264		15659		
Armenia								
Australia				429				
Austria								
Brazil		14285						
Bulgaria					22581			
Canada								
Chile		91	929					
Croatia								
Cyprus								
Czechia								
France		1	6129			1		
Georgia								
Germany								
Greece					15			
Hungary					121			
Israel								
Italy		7828	251			2642	16619	
Korea Rep.								
Luxembourg								
Moldova	11401		39					
Morocco							16557	
New Zealand			67					
Portugal								
Romania								
Russia								
Serbia								
Slovakia								
Slovenia								
South Africa		28	76					
Spain			23					
Switzerland			0					
Taiwan								
Tunisia		337						
United Kingdom								
United States	16	18630	97			21		
Uruguay								
"Missing 9"	1673		16					
<b>Total</b>	<b>27450</b>	<b>26922</b>	<b>26285</b>	<b>24264</b>	<b>22718</b>	<b>18323</b>	<b>16619</b>	<b>16557</b>

Table 33 (cont.) National winegrape area for world's top 30 red varieties, 2000 (hectares)

<i>Country</i>	<i>Listan</i>	<i>Prieto</i>	<i>Prokupac</i>	<i>Castelão</i>	<i>Blaufränkisch</i>	<i>Mencía</i>	<i>Pinot Meunier</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria									30200
Argentina		700					11	7513	105251
Armenia									0
Australia							107	7216	77372
Austria					2641			9477	12977
Brazil								12595	31721
Bulgaria								13313	58273
Canada								2211	4740
Chile	15181							13736	86936
Croatia					1189			13895	15084
Cyprus								14625	14625
Czechia					680			2719	3399
France							10621	34506	596380
Georgia								4340	4563
Germany				1118			2289	13130	25180
Greece								17772	18901
Hungary					6920			11591	20939
Israel								744	2970
Italy					111		10	132901	328918
Korea Rep.								5300	5300
Luxembourg									67
Moldova								2067	35741
Morocco								20098	44187
New Zealand								171	2825
Portugal			14424			1971		94557	119300
Romania								43406	61576
Russia								9128	10706
Serbia		15180						6210	21390
Slovakia					1091			1402	2649
Slovenia								4906	6103
South Africa							6	9320	33512
Spain	11					11166	7	71931	460533
Switzerland								382	7913
Taiwan								1530	1530
Tunisia								3367	16836
United Kingdom								200	200
United States	340				45		80	19787	96153
Uruguay								6397	8555
"Missing 9"					203			12095	43858
<b>Total</b>	<b>16232</b>	<b>15180</b>	<b>14424</b>	<b>13997</b>		<b>13138</b>	<b>13131</b>	<b>624537</b>	<b>2417365</b>

Table 34: National shares of global winegrape area for world's top 30 red varieties, 2000 (%)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Garnacha Tinta</i>	<i>Merlot</i>	<i>Mazuelo</i>	<i>Syrah</i>	<i>Bobal</i>	<i>Tempranillo</i>	<i>Monastrell</i>
Algeria	0.68	2.79	0.71	5.91	1.47			
Argentina	6.18	0.00	2.94	0.04	8.67		5.06	0.00
Armenia								
Australia	11.21	0.99	3.59	0.07	28.58		0.04	1.24
Austria	0.14		0.05					
Brazil	0.26		0.22					
Bulgaria	4.68		5.23					
Canada	0.25		0.32					
Chile	16.12		6.01	0.50	1.99		0.00	0.03
Croatia								
Cyprus								
Czechia								
France	23.94	44.24	47.48	74.98	49.45		1.66	10.00
Georgia	0.10							
Germany								
Greece	0.31	0.01	0.09	0.01	0.04			
Hungary	0.47		0.23					
Israel	0.27		0.30	0.76				
Italy	3.44	3.13	10.25	1.35	1.00		0.01	
Korea Rep.								
Luxembourg								
Moldova	3.40		3.81					
Morocco		0.37		1.33				
New Zealand	0.29		0.31		0.06			
Portugal	0.14						7.88	
Romania	3.86		3.66					
Russia	0.71							
Serbia								
Slovakia	0.07							
Slovenia			0.56					
South Africa	3.96	0.02	2.29	0.06	5.49		0.01	0.02
Spain	2.03	45.36	0.56	6.35	0.08	100.00	84.94	88.02
Switzerland	0.02		0.40		0.05			
Taiwan								
Tunisia	0.15	0.93		5.93	0.33			0.44
United Kingdom								
United States	7.88	2.09	7.91	2.42	1.47		0.21	0.25
Uruguay	0.30		0.50		0.06			
"Missing 9"	9.13	0.06	2.60	0.29	1.25		0.18	0.00
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 34 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2000 (%)

<i>Country</i>	<i>Sangiovese</i>	<i>Pinot Noir</i>	<i>Cabernet Franc</i>	<i>Cinsaut</i>	<i>Gamay Noir</i>	<i>Henri Bouschet</i>	<i>Montepulciano</i>
Algeria		2.19		15.59		8.13	
Argentina	3.62	1.62	0.48	0.01	0.00	0.31	3.19
Armenia							0.17
Australia	0.54	4.68	1.43				0.31
Austria		0.59	0.05				
Brazil			7.28				
Bulgaria		1.12					
Canada		0.66	1.09		0.70		
Chile	0.18	2.35	1.33	0.40		7.76	
Croatia							
Cyprus							
Czechia							
France	2.27	38.55	69.45	65.24	91.37	23.59	
Georgia			12.56				
Germany							
Greece				0.08	0.22		0.06
Hungary		0.35	1.01				
Israel							
Italy	91.12	4.78	12.77	0.57	0.40	1.37	82.25
Korea Rep.							99.83
Luxembourg		0.10			0.00		
Moldova		9.48					
Morocco				8.14		2.96	
New Zealand		1.60	0.23				
Portugal						1.82	
Romania		2.53					
Russia							
Serbia							
Slovakia							
Slovenia							
South Africa	0.05	0.71	0.94	7.30	0.10	0.02	0.05
Spain		0.61	0.06	0.01	0.00	49.31	
Switzerland		6.69	0.03		5.23		
Taiwan							
Tunisia	1.22			1.74		2.27	
United Kingdom							
United States	0.99	7.76	2.29	0.07	1.81	1.51	14.20
Uruguay			0.70				
"Missing 9"	0.01	1.08	0.79	0.73	0.38	0.92	
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 34 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2000 (%)

<i>Country</i>	<i>Isabella</i>	<i>Tribidrag</i>	<i>Côt</i>	<i>Criolla Grande</i>	<i>Pamid</i>	<i>Douce Noire</i>	<i>Negroamaro</i>	<i>Doukkali</i>
Algeria								
Argentina	0.27	0.02	69.35	100.00		85.46		
Armenia								
Australia				1.63				
Austria								
Brazil	52.04							
Bulgaria						99.40		
Canada								
Chile		0.34		3.53				
Croatia								
Cyprus								
Czechia								
France		0.01	23.32			0.00		
Georgia								
Germany								
Greece						0.07		
Hungary						0.53		
Israel								
Italy		29.08	0.96			14.42	100.00	
Korea Rep.								
Luxembourg								
Moldova	41.53		0.15					
Morocco							100.00	
New Zealand			0.25					
Portugal								
Romania								
Russia								
Serbia								
Slovakia								
Slovenia								
South Africa		0.10	0.29					
Spain			0.09					
Switzerland			0.00					
Taiwan								
Tunisia		1.25						
United Kingdom								
United States	0.06	69.20	0.37			0.11		
Uruguay								
"Missing 9"	6.10		0.06					
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 34 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2000 (%)

<i>Country</i>	<i>Listan</i>	<i>Prieto</i>	<i>Prokupac</i>	<i>Castelão</i>	<i>Blaufränkisch</i>	<i>Mencía</i>	<i>Pinot Meunier</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria									1.25
Argentina		4.31					0.08	1.20	4.35
Armenia									0.00
Australia							0.82	1.16	3.20
Austria					18.87				1.52
Brazil								2.02	1.31
Bulgaria								2.13	2.41
Canada								0.35	0.20
Chile	93.53							2.20	3.60
Croatia					8.49			2.22	0.62
Cyprus								2.34	0.61
Czechia					4.86			0.44	0.14
France							80.89	5.53	24.67
Georgia								0.69	0.19
Germany					7.99		17.43	2.10	1.04
Greece								2.85	0.78
Hungary					49.44			1.86	0.87
Israel								0.12	0.12
Italy					0.79		0.07	21.28	13.61
Korea Rep.								0.85	0.22
Luxembourg									0.00
Moldova								0.33	1.48
Morocco								3.22	1.83
New Zealand								0.03	0.12
Portugal			100.00			15.01		15.14	4.94
Romania								6.95	2.55
Russia								1.46	0.44
Serbia		100.00						0.99	0.88
Slovakia					7.79			0.22	0.11
Slovenia								0.79	0.25
South Africa							0.05	1.49	1.39
Spain	0.07					84.99	0.05	11.52	19.05
Switzerland								0.06	0.33
Taiwan								0.24	0.06
Tunisia								0.54	0.70
United Kingdom								0.03	0.01
United States	2.09				0.32		0.61	3.17	3.98
Uruguay								1.02	0.35
"Missing 9"					1.45			1.94	1.81
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 35: Shares of world's top 30 red varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Garnacha Tinta</i>	<i>Merlot</i>	<i>Mazuelo</i>	<i>Syrah</i>	<i>Bobal</i>	<i>Tempranillo</i>	<i>Monastrell</i>
Algeria	5.00	20.00	5.00	25.00	5.00			
Argentina	6.98	0.00	3.17	0.03	4.50		2.39	0.00
Armenia								
Australia	19.14	1.64	5.87	0.07	22.43		0.03	0.73
Austria	0.64		0.23					
Brazil	1.11		0.89					
Bulgaria	10.88		11.64					
Canada	6.69		7.93					
Chile	31.56		11.25	0.56	1.79		0.00	0.02
Croatia								
Cyprus								
Czechia								
France	6.18	11.07	11.71	11.07	5.86		0.18	0.88
Georgia	0.60							
Germany								
Greece	1.35	0.04	0.36	0.03	0.08			
Hungary	1.21		0.56					
Israel	12.51		13.35	20.02				
Italy	1.21	1.07	3.43	0.27	0.16		0.00	
Korea Rep.								
Luxembourg								
Moldova	8.45		9.04					
Morocco		1.62		3.41				
New Zealand	6.58		6.61		0.60			
Portugal	0.16						3.59	
Romania	3.88		3.52					
Russia	2.80							
Serbia								
Slovakia	1.00							
Slovenia			5.10					
South Africa	9.42	0.04	5.22	0.08	6.01		0.01	0.01
Spain	0.38	8.30	0.10	0.69	0.01	8.47	6.71	5.68
Switzerland	0.23		5.64		0.36			
Taiwan								
Tunisia	2.00	12.00		45.00	2.00			2.00
United Kingdom								
United States	10.00	2.57	9.60	1.76	0.86		0.11	0.11
Uruguay	7.60		11.90		0.70			
"Missing 9"	25.40	0.16	6.92	0.47	1.59		0.21	0.00
<b>Total</b>	<b>4.56</b>	<b>4.43</b>	<b>4.37</b>	<b>2.61</b>	<b>2.10</b>	<b>2.05</b>	<b>1.91</b>	<b>1.56</b>

Table 35 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Sangiovese</i>	<i>Pinot Noir</i>	<i>Cabernet Franc</i>	<i>Cinsaut</i>	<i>Gamay Noir</i>	<i>Alicante</i>	<i>Henri Bouschet</i>	<i>Barbera</i>	<i>Montepulciano</i>
Algeria		5.00		25.00		10.00			
Argentina	1.26	0.56	0.13	0.00	0.00	0.06	0.06	0.53	0.02
Armenia									
Australia	0.28	2.47	0.57						0.08
Austria		0.84	0.06						
Brazil			7.16						
Bulgaria		0.80							
Canada		5.38	6.67		3.10				
Chile	0.11	1.42	0.60	0.17			2.53		
Croatia									
Cyprus									
Czechia									
France	0.18	3.07	4.17	3.65	3.99	1.01			
Georgia									
Germany		8.29							
Greece			0.08	0.21			0.04		
Hungary		0.28	0.61						
Israel									
Italy	9.86	0.52	1.04	0.04	0.02	0.08	4.27		4.50
Korea Rep.									
Luxembourg		4.90			0.07				
Moldova		7.26							
Morocco				7.94		2.21			
New Zealand		11.04	1.19						
Portugal						0.33			
Romania		0.78							
Russia									
Serbia									
Slovakia									
Slovenia									
South Africa	0.04	0.52	0.52	3.77	0.04	0.01	0.02		
Spain		0.04	0.00	0.00	0.00		1.55		
Switzerland		30.59	0.10		13.14				
Taiwan									
Tunisia	5.00			5.00		5.00			
United Kingdom									
United States	0.39	3.04	0.68	0.02	0.39	0.32	2.67		
Uruguay				4.10					
"Missing 9"	0.01	0.92	0.51	0.44	0.18	0.42			
<b>Total</b>	<b>1.41</b>	<b>1.41</b>	<b>1.06</b>	<b>0.99</b>	<b>0.77</b>	<b>0.76</b>	<b>0.68</b>		<b>0.59</b>

Table 35 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Isabella</i>	<i>Tribidrag</i>	<i>Côt</i>	<i>Criolla Grande</i>	<i>Pamid</i>	<i>Douce Noire</i>	<i>Negroamaro</i>	<i>Doukkali</i>
Algeria								
Argentina	0.04	0.00	9.23	12.29		7.93		
Armenia								
Australia			0.33					
Austria								
Brazil	27.04							
Bulgaria				23.52				
Canada								
Chile		0.08	0.82					
Croatia								
Cyprus								
Czechia								
France		0.00	0.71			0.00		
Georgia								
Germany						0.03		
Greece						0.14		
Hungary								
Israel								
Italy		1.23	0.04			0.42	2.61	
Korea Rep.								
Luxembourg								
Moldova	12.69		0.04					
Morocco							33.38	
New Zealand			0.67					
Portugal								
Romania								
Russia								
Serbia								
Slovakia								
Slovenia								
South Africa		0.03	0.08					
Spain			0.00					
Switzerland			0.00					
Taiwan								
Tunisia		2.00						
United Kingdom								
United States	0.01	10.60	0.06			0.01		
Uruguay								
"Missing 9"	2.09		0.02					
<b>Total</b>	<b>0.56</b>	<b>0.55</b>	<b>0.54</b>	<b>0.50</b>	<b>0.46</b>	<b>0.37</b>	<b>0.34</b>	<b>0.34</b>

Table 35 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Listan Prieto</i>	<i>Prokupac</i>	<i>Castelão</i>	<i>Blaufränkisch</i>	<i>Mencía</i>	<i>Pinot Meunier</i>	<i>Other Red</i>	<i>Total Red</i>	<i>Total</i>
Algeria								100.00	100
Argentina	0.35					0.01	3.81	53.31	100
Armenia							0.00		100
Australia						0.08	5.53	59.24	100
Austria				5.44			19.54	26.76	100
Brazil							23.84	60.03	100
Bulgaria							13.87	60.70	100
Canada							26.02	55.78	100
Chile	13.32						12.05	76.28	100
Croatia				2.00			23.37	25.37	100
Cyprus							80.00	80.00	100
Czechia				6.00			24.00	30.00	100
France						1.23	3.99	68.96	100
Georgia							11.60	12.19	100
Germany				1.07		2.20	12.60	24.16	100
Greece							34.91	37.12	100
Hungary				7.96			13.34	24.10	100
Israel							15.35	61.22	100
Italy				0.02		0.00	20.87	51.66	100
Korea Rep.							98.15	98.15	100
Luxembourg								4.97	100
Moldova							2.30	39.78	100
Morocco							40.52	89.09	100
New Zealand							1.72	28.41	100
Portugal		7.04			0.96		46.12	58.19	100
Romania							19.54	27.72	100
Russia							16.20	19.00	100
Serbia	22.00						9.00	31.00	100
Slovakia				7.00			9.00	17.00	100
Slovenia							20.90	26.00	100
South Africa						0.01	9.95	35.78	100
Spain	0.00				0.94	0.00	6.09	38.97	100
Switzerland							2.54	52.61	100
Taiwan							54.00	54.00	100
Tunisia							20.00	100.00	100
United Kingdom							22.91	22.91	100
United States	0.19			0.03		0.05	11.26	54.73	100
Uruguay							72.04	96.34	100
"Missing 9"				0.25			15.08	54.67	100
<b>Total</b>	<b>0.33</b>	<b>0.31</b>	<b>0.30</b>	<b>0.29</b>	<b>0.27</b>	<b>0.27</b>	<b>12.78</b>	<b>49.46</b>	<b>100</b>

Table 36: National winegrape area for world's top 30 red varieties, 2010 (hectares)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha Tinta</i>	<i>Pinot Noir</i>	<i>Bobal</i>	<i>Sangiovese</i>
Algeria	1510	1510		1510	6040	1510		
Argentina	17674	6953	6565	13093	22	1689		2231
Armenia								
Australia	25967	10028	476	42675	1748	4690		589
Austria	592	644		137		646		
Brazil	914	766	16		1	145		26
Bulgaria	8436	10573						
Canada	542	999	6	274	2	640		3
Chile	40728	10041	48	6027	37	2884		100
China	22612	3560		223	11	40		
Croatia	646	780		187	103	180		
Cyprus	369	63		244	84			
Czechia	230	90				688		
Ethiopia								90
France	54434	114675	680	67382	90991	30086		1511
Georgia	286							
Germany	295	471				11724		
Greece	1550	1248	19	641				
Hungary	2863	1907		177		1091		1
Israel	607	647						
Italy	13724	28042	23	6739	6372	5046		71619
Japan	469	817				64		
Kazakhstan	20					180		
Korea Rep.								
Luxembourg						3		
Mexico	756	391	229	145	140			
Moldova	7590	8123				6521		
Morocco					802			
Myanmar	1		3	27		7		
New Zealand	517	1369	7	293	2	4776		6
Peru	48	2		2	1	1		
Portugal	1671	772	16706	3501	84	148		
Romania	3718	10988	70	470		1089		88
Russia	3593	1588				533		
Serbia								
Slovakia	570							
Slovenia	453	996						
South Africa	12325	6497	38	10136	187	962		61
Spain	23237	15540	207677	20000	70202	1044	80120	
Switzerland	63	1028		181		4402		
Taiwan								
Thailand	7		4	66		1		2
Tunisia	337			337	2020			842
Turkey	391	355	9	1367	33	3		9
Ukraine	4869	2820				767		
United Kingdom	1	2				233		
United States	34788	22729	414	9197	2666	16776		852
Uruguay	682	875		87	5	55		
<b>Total</b>	<b>290083</b>	<b>267888</b>	<b>232988</b>	<b>185117</b>	<b>181553</b>	<b>98623</b>	<b>80120</b>	<b>78030</b>

Table 36 (cont.) National winegrape area for world's top 30 red varieties, 2010 (hectares)

<i>Country</i>	<i>Mazuelo</i>	<i>Monastrell</i>	<i>Cabernet Franc</i>	<i>Alicante Henri Bouschet</i>	<i>Côt</i>	<i>Montepulciano</i>	<i>Cinsaut</i>	<i>Tribidrag</i>
Algeria	7550			3020			7550	
Argentina	30	1	592	257	28543	94	6	0
Armenia								
Australia		692		591		356		149
Austria				56				
Brazil			8516		129	37	2	0
Bulgaria								
Canada		2		664		39		8
Chile	477	59		1321	4228	1264		198
China				507			3	58
Croatia	34			95				65
Cyprus	481	172		203				
Czechia								
Ethiopia								
France	47720	9257		36302	4322	6123		19505
Georgia				15				2
Germany				23				
Greece	16				56			43
Hungary				1352	21	0		
Israel	971							
Italy	2023			6314	645	260	34824	51
Japan				56				12234
Kazakhstan								
Korea Rep.								
Luxembourg								
Mexico	448							
Moldova					39			
Morocco	1692				1098			3940
Myanmar	4				0			
New Zealand				163		156	7	4
Peru						10		
Portugal	338			24	3322			17
Romania		4		73	20	7		8
Russia				20				
Serbia								
Slovakia								
Slovenia								
South Africa	81	403		934	10	450		2052
Spain	4749	58406		849	19551	93		34
Switzerland				54		10		
Taiwan								
Thailand								
Tunisia	7576	337			842			842
Turkey	84	4		23	488	13		500
Ukraine				1				
United Kingdom								
United States	1441	404		2215	431	717	29	45
Uruguay		1		334	22	41		19857
<b>Total</b>	<b>75716</b>	<b>69742</b>	<b>61295</b>	<b>38462</b>	<b>38158</b>	<b>34956</b>	<b>34751</b>	<b>32755</b>

Table 36 (cont.) National winegrape area for world's top 30 red varieties, 2010 (hectares)

<i>Country</i>	<i>Isabella</i>	<i>Gamay Noir</i>	<i>Barbera</i>	<i>Criolla Grande</i>	<i>Douce Noire</i>	<i>Blaufränkisch</i>	<i>Nero d'Avola</i>	<i>Doukkali</i>
Algeria								
Argentina		2	733	20745	18775		4	
Armenia								
Australia			116					
Austria						3228		
Brazil	18279	16	5		0			
Bulgaria								
Canada		220	1			4		
Chile		0	4					
China								
Croatia					558			
Cyprus								
Czechia						1160		
Ethiopia								
France		29698			0			
Georgia						1749		
Germany								
Greece								
Hungary		3				7998	50	
Israel								
Italy		122	20524		821	59	16595	
Japan								
Kazakhstan								
Korea Rep.								
Luxembourg		98						
Mexico								
Moldova	11401							16557
Morocco								
Myanmar								
New Zealand		12						
Peru					290			
Portugal		0						
Romania			0			760		
Russia	162							
Serbia								
Slovakia					1378			
Slovenia			134			680		
South Africa		19	51					
Spain								
Switzerland		1521				3		
Taiwan								
Thailand								
Tunisia								
Turkey		206						
Ukraine	2396							
United Kingdo		1						
United States			2798		34	22		
Uruguay	256	9						
<b>Total</b>	<b>32494</b>	<b>31927</b>	<b>24366</b>	<b>20745</b>	<b>19630</b>	<b>17890</b>	<b>16649</b>	<b>16557</b>

Table 36 (cont.) National winegrape area for world's top 30 red varieties, 2010 (hectares)

<i>Country</i>	<i>Prokupac</i>	<i>Pinot Meunier</i>	<i>Concord</i>	<i>Touriga Franca</i>	<i>Negroamaro</i>	<i>Carmenère</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria								30200
Argentina		11		0		33	7035	125090
Armenia								0
Australia							4124	92200
Austria							10835	16137
Brazil			3543			7	8476	40875
Bulgaria							16534	35543
Canada		5	252			2	887	4548
Chile						8827	4718	81017
China						1353	40	28350
Croatia						19	4418	7085
Cyprus							4091	5707
Czechia							3649	5817
Ethiopia							21	111
France		11087				29	37729	561535
Georgia							5567	5853
Germany		2301					20242	36797
Greece							20369	23965
Hungary						0	5625	21090
Israel							744	2970
Italy		14			11492	1074	117451	356067
Japan							864	2213
Kazakhstan							1084	1340
Korea Rep.							5300	5300
Luxembourg							0	101
Mexico							1300	3409
Moldova							2067	35741
Morocco							19564	43653
Myanmar							2	44
New Zealand		19					358	7689
Peru							1938	2292
Portugal				11582			71660	109824
Romania				4			35524	52823
Russia							3899	9795
Serbia	15180						6210	21390
Slovakia							1987	3934
Slovenia							3019	5282
South Africa		13		3			9794	44049
Spain		1					57390	558859
Switzerland							1312	8574
Taiwan							1530	1530
Thailand							19	99
Tunisia							3367	16836
Turkey							5194	8677
Ukraine							5297	16149
United Kingdom		50					117	405
United States		66	8421			22	19152	143076
Uruguay			22				3763	6152
<b>Total</b>	<b>15180</b>	<b>13566</b>	<b>12238</b>	<b>11590</b>	<b>11492</b>	<b>11366</b>	<b>534267</b>	<b>2590193</b>

Table 37: National shares of global winegrape area for world's top 30 red varieties, 2010 (%)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha Tinta</i>	<i>Pinot Noir</i>	<i>Bobal</i>	<i>Sangiovese</i>
Algeria	0.52	0.56		0.82	3.33	1.53		
Argentina	6.09	2.60	2.82	7.07	0.01	1.71		2.86
Armenia								
Australia	8.95	3.74	0.20	23.05	0.96	4.76		0.75
Austria	0.20	0.24		0.07		0.65		
Brazil	0.31	0.29	0.01		0.00	0.15		0.03
Bulgaria	2.91	3.95						
Canada	0.19	0.37	0.00	0.15	0.00	0.65		0.00
Chile	14.04	3.75	0.02	3.26	0.02	2.92		0.13
China	7.80	1.33		0.12	0.01	0.04		
Croatia	0.22	0.29		0.10	0.06	0.18		
Cyprus	0.13	0.02		0.13	0.05			
Czechia	0.08	0.03				0.70		
Ethiopia								0.12
France	18.77	42.81	0.29	36.40	50.12	30.51		1.94
Georgia	0.10							
Germany	0.10	0.18				11.89		
Greece	0.53	0.47	0.01	0.35				
Hungary	0.99	0.71		0.10		1.11		0.00
Israel	0.21	0.24						
Italy	4.73	10.47	0.01	3.64	3.51	5.12		91.78
Japan	0.16	0.30				0.06		
Kazakhstan	0.01					0.18		
Korea Rep.								
Luxembourg						0.00		
Mexico	0.26	0.15	0.10	0.08	0.08			
Moldova	2.62	3.03				6.61		
Morocco					0.44			
Myanmar	0.00		0.00	0.01		0.01		
New Zealand	0.18	0.51	0.00	0.16	0.00	4.84		0.01
Peru	0.02	0.00		0.00	0.00	0.00		
Portugal	0.58	0.29	7.17	1.89	0.05	0.15		
Romania	1.28	4.10	0.03	0.25		1.10		0.11
Russia	1.24	0.59				0.54		
Serbia								
Slovakia	0.20							
Slovenia	0.16	0.37						
South Africa	4.25	2.43	0.02	5.48	0.10	0.98		0.08
Spain	8.01	5.80	89.14	10.80	38.67	1.06	100.00	
Switzerland	0.02	0.38		0.10		4.46		
Taiwan								
Thailand	0.00		0.00	0.04		0.00		0.00
Tunisia	0.12			0.18		1.11		1.08
Turkey	0.13	0.13	0.00	0.74	0.02	0.00		0.01
Ukraine	1.68	1.05				0.78		
United Kingdom	0.00	0.00				0.24		
United States	11.99	8.48	0.18	4.97	1.47	17.01		1.09
Uruguay	0.24	0.33		0.05	0.00	0.06		
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 37 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2010 (%)

<i>Country</i>	<i>Mazuelo</i>	<i>Monastrell</i>	<i>Cabernet Franc</i>	<i>Alicante</i>	<i>Henri Bouschet</i>	<i>Côt</i>	<i>Montepulciano</i>	<i>Cinsaut</i>	<i>Tribidrag</i>
Algeria	9.97				7.85			21.73	
Argentina	0.04	0.00	0.97		0.67	74.80	0.27	0.02	0.00
Armenia									
Australia		0.99	0.96			0.93			0.46
Austria			0.09						
Brazil			13.89		0.33	0.10	0.00		0.00
Bulgaria									
Canada		0.00	1.08			0.10			0.02
Chile	0.63	0.08	2.15		10.99	3.31		0.57	0.18
China				0.83				0.01	
Croatia	0.05			0.16					0.20
Cyprus	0.64	0.25	0.33						
Czechia									
Ethiopia									
France	63.03	13.27	59.22		11.24	16.05		56.13	0.00
Georgia				0.02					
Germany				0.04				0.12	
Greece	0.02			2.21	0.15	0.06	0.00		
Hungary									
Israel	1.28								
Italy	2.67		10.30		1.68	0.68	99.62	0.15	37.35
Japan									
Kazakhstan				0.09					
Korea Rep.									
Luxembourg									
Mexico	0.59					0.10			
Moldova									
Morocco	2.23				2.85			11.34	
Myanmar	0.01				0.00				
New Zealand				0.27		0.41	0.02		0.01
Peru						0.03			
Portugal	0.45		0.04		8.64			0.05	
Romania		0.01	0.12		0.05	0.02			0.03
Russia			0.03						
Serbia									
Slovakia									
Slovenia									
South Africa	0.11	0.58	1.52		0.03	1.18		5.90	0.10
Spain	6.27	83.75	1.39		50.83	0.24			
Switzerland			0.09			0.03			
Taiwan									
Thailand									
Tunisia	10.01	0.48			2.19			2.42	1.03
Turkey	0.11	0.01	0.04		1.27	0.03		1.44	
Ukraine				0.00					
United Kingdom									
United States	1.90	0.58	3.61		1.12	1.88	0.08	0.13	60.62
Uruguay		0.00	0.54		0.06	0.11			
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 37 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2010 (%)

<i>Country</i>	<i>Isabella</i>	<i>Gamay Noir</i>	<i>Barbera</i>	<i>Criolla Grande</i>	<i>Douce Noire</i>	<i>Blaufränki sch</i>	<i>Nero d'Avola</i>	<i>Doukkali</i>
Algeria								
Argentina		0.01	3.01	100.00	95.65		0.02	
Armenia								
Australia				0.48				
Austria						18.04		
Brazil	56.25	0.05	0.02		0.00			
Bulgaria							0.02	
Canada		0.69	0.01				0.02	
Chile		0.00	0.01					
China								
Croatia						3.12		
Cyprus								
Czechia						6.48		
Ethiopia								
France		93.02			0.00			
Georgia							9.78	
Germany								
Greece								
Hungary		0.01				44.71	0.30	
Israel								
Italy		0.38	84.23		4.18	0.33	99.67	
Japan								
Kazakhstan								
Korea Rep.								
Luxembourg		0.31						
Mexico								
Moldova	35.09							
Morocco							100.00	
Myanmar								
New Zealand		0.04						
Peru						1.62		
Portugal		0.00						
Romania			0.00			4.25		
Russia	0.50							
Serbia								
Slovakia						7.70		
Slovenia				0.55		3.80		
South Africa		0.06	0.21					
Spain								
Switzerland		4.76				0.02		
Taiwan								
Thailand								
Tunisia								
Turkey		0.65						
Ukraine	7.37							
United Kingdom		0.00						
United States				11.48		0.17	0.12	
Uruguay	0.79	0.03						
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 37 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2010 (%)

<i>Country</i>	<i>Prokupac</i>	<i>Pinot Meunier</i>	<i>Concord</i>	<i>Touriga Franca</i>	<i>Negroamaro</i>	<i>Carmenère</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria								1.17
Argentina		0.08		0.00		0.29	1.32	4.83
Armenia								0.00
Australia							0.77	3.56
Austria							2.03	0.62
Brazil			28.95			0.06	1.59	1.58
Bulgaria							3.09	1.37
Canada		0.03	2.06			0.02	0.17	0.18
Chile						77.66	0.88	3.13
China						11.90	0.01	1.09
Croatia						0.16	0.83	0.27
Cyprus							0.77	0.22
Czechia							0.68	0.22
Ethiopia							0.00	0.00
France		81.72				0.26	7.06	21.68
Georgia							1.04	0.23
Germany		16.96					3.79	1.42
Greece							3.81	0.93
Hungary						0.00	1.05	0.81
Israel							0.14	0.11
Italy		0.10			100.00	9.45	21.98	13.75
Japan							0.16	0.09
Kazakhstan							0.20	0.05
Korea Rep.							0.99	0.20
Luxembourg							0.00	0.00
Mexico							0.24	0.13
Moldova							0.39	1.38
Morocco							3.66	1.69
Myanmar							0.00	0.00
New Zealand		0.14					0.07	0.30
Peru							0.36	0.09
Portugal				99.93			13.41	4.24
Romania				0.03			6.65	2.04
Russia							0.73	0.38
Serbia	100.00						1.16	0.83
Slovakia							0.37	0.15
Slovenia							0.57	0.20
South Africa		0.09		0.03			1.83	1.70
Spain		0.01					10.74	21.58
Switzerland							0.25	0.33
Taiwan							0.29	0.06
Thailand							0.00	0.00
Tunisia							0.63	0.65
Turkey							0.97	0.33
Ukraine							0.99	0.62
United Kingdom		0.37					0.02	0.02
United States		0.48	68.81			0.20	3.58	5.52
Uruguay			0.18				0.70	0.24
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 38: Shares of world's top 30 red varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha Tinta</i>	<i>Pinot Noir</i>	<i>Bobal</i>	<i>Sangiovese</i>
Algeria	5.00	5.00		5.00	20.00	5.00		
Argentina	8.28	3.26		3.08	6.14	0.01	0.79	1.05
Armenia								
Australia	17.11	6.61		0.31	28.12	1.15	3.09	0.39
Austria	1.30	1.41			0.30		1.42	
Brazil	1.85	1.55		0.03		0.00	0.29	0.05
Bulgaria	15.03	18.84						
Canada	5.37	9.89		0.06	2.71	0.02	6.34	0.03
Chile	36.52	9.00		0.04	5.40	0.03	2.59	0.09
China	76.54	12.05			0.75	0.04	0.14	
Croatia	3.11	3.76			0.90	0.50	0.87	
Cyprus	4.29	0.73			2.83	0.98		
Czechia	1.42	0.55					4.24	
Ethiopia								53.20
France	6.51	13.72		0.08	8.06	10.89	3.60	0.18
Georgia	0.60							
Germany	0.29	0.46					11.48	
Greece	2.85	2.29		0.03	1.18			
Hungary	4.11	2.74			0.25		1.56	0.00
Israel	12.51	13.35						
Italy	2.19	4.48		0.00	1.08	1.02	0.81	11.45
Japan	12.63	21.98					1.71	
Kazakhstan	0.28						2.59	
Korea Rep.								
Luxembourg							0.23	
Mexico	13.83	7.15		4.19	2.65	2.56		
Moldova	8.45	9.04					7.26	
Morocco						1.64		
Myanmar	0.97			4.46	35.83		8.98	
New Zealand	1.62	4.28		0.02	0.92	0.01	14.94	0.02
Peru	1.25	0.05			0.05	0.03	0.03	
Portugal	1.02	0.47		10.22	2.14	0.05	0.09	
Romania	2.18	6.45		0.04	0.28		0.64	0.05
Russia	14.02	6.20					2.08	
Serbia								
Slovakia	4.51							
Slovenia	2.77	6.09						
South Africa	12.20	6.43		0.04	10.03	0.19	0.95	0.06
Spain	2.26	1.51		20.20	1.95	6.83	0.10	7.79
Switzerland	0.42	6.94			1.22		29.71	
Taiwan								
Thailand	4.65			2.85	44.46		0.35	1.41
Tunisia	2.00				2.00	12.00		5.00
Turkey	3.04	2.76		0.07	10.63	0.25	0.02	0.07
Ukraine	9.31	5.39					1.47	
United Kingdom	0.08	0.17					19.45	
United States	15.26	9.97		0.18	4.03	1.17	7.36	0.37
Uruguay	8.91	11.43			1.14	0.07	0.72	
<b>Total</b>	<b>6.29</b>	<b>5.81</b>		<b>5.05</b>	<b>4.01</b>	<b>3.93</b>	<b>2.14</b>	<b>1.74</b>
								<b>1.69</b>

Table 38 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Mazuelo</i>	<i>Monastrell</i>	<i>Cabernet Franc</i>	<i>Alicante</i>	<i>Henri Bouschet</i>	<i>Côt</i>	<i>Montepulciano</i>	<i>Cinsaut</i>	<i>Tribidrag</i>
Algeria	25.00				10.00			25.00	
Argentina	0.01	0.00	0.28		0.12	13.38	0.04	0.00	0.00
Armenia									
Australia		0.46	0.39			0.23			0.10
Austria			0.12						
Brazil			17.23		0.26	0.08	0.00		0.00
Bulgaria									
Canada		0.02	6.58			0.38			0.08
Chile	0.43	0.05	1.18		3.79	1.13		0.18	0.05
China					1.71			0.01	
Croatia	0.17				0.46				0.31
Cyprus	5.59	2.00	2.36						
Czechia									
Ethiopia									
France	5.71	1.11	4.34		0.52	0.73		2.33	0.00
Georgia					0.01				
Germany									
Greece	0.03				0.04	0.10		0.08	
Hungary					1.94	0.03	0.00		
Israel	20.02								
Italy	0.32				1.01	0.10	0.04	5.57	0.01
Japan									1.96
Kazakhstan					0.81				
Korea Rep.									
Luxembourg									
Mexico	8.20								
Moldova						0.04			
Morocco	3.45					2.24		8.04	
Myanmar	5.87					0.31			
New Zealand					0.51		0.49	0.02	0.01
Peru							0.26		
Portugal	0.21				0.01	2.03			0.01
Romania		0.00			0.04	0.01	0.00		0.00
Russia					0.08				
Serbia									
Slovakia									
Slovenia									
South Africa	0.08	0.40	0.92		0.01	0.45		2.03	0.03
Spain	0.46	5.68	0.08		1.90	0.01			
Switzerland					0.36		0.07		
Taiwan									
Thailand									
Tunisia	45.00	2.00			5.00			5.00	2.00
Turkey	0.65	0.03	0.18		3.79	0.10		3.89	
Ukraine									
United Kingdom			0.08						
United States	0.63	0.18	0.97		0.19	0.31	0.01	0.02	8.71
Uruguay		0.01	4.36		0.29	0.54			
<b>Total</b>	<b>1.64</b>	<b>1.51</b>	<b>1.33</b>		<b>0.83</b>	<b>0.83</b>	<b>0.76</b>	<b>0.75</b>	<b>0.71</b>

Table 38 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Isabella</i>	<i>Gamay Noir</i>	<i>Barbera</i>	<i>Criolla Grande</i>	<i>Douce Noire</i>	<i>Blaufränkisch</i>	<i>Nero d'Avola</i>	<i>Doukkali</i>
Algeria								
Argentina		0.00	0.34	9.72	8.80		0.00	
Armenia								
Australia			0.08					
Austria						7.09		
Brazil	36.99	0.03	0.01		0.00			
Bulgaria								
Canada		2.18	0.01			0.04		
Chile		0.00	0.00					
China								
Croatia					2.69			
Cyprus								
Czechia						7.14		
Ethiopia								
France		3.55			0.00			
Georgia								
Germany						1.71		
Greece								
Hungary		0.00				11.47	0.07	
Israel								
Italy		0.02	3.28		0.13	0.01	2.65	
Japan								
Kazakhstan								
Korea Rep.								
Luxembourg		7.52						
Mexico								
Moldova	12.69							33.79
Morocco								
Myanmar								
New Zealand		0.04						
Peru						7.57		
Portugal		0.00						
Romania			0.00			0.45		
Russia	0.63							
Serbia								
Slovakia						10.91		
Slovenia			0.82			4.16		
South Africa		0.02	0.05					
Spain								
Switzerland		10.26				0.02		
Taiwan								
Thailand								
Tunisia								
Turkey		1.60						
Ukraine	4.58							
United Kingdo		0.08						
United States			1.23		0.01	0.01		
Uruguay	3.34	0.12						
<b>Total</b>	<b>0.70</b>	<b>0.69</b>	<b>0.53</b>	<b>0.45</b>	<b>0.43</b>	<b>0.39</b>	<b>0.36</b>	<b>0.36</b>

Table 38 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Prokupac</i>	<i>Pinot Meunier</i>	<i>Concord</i>	<i>Touriga Franca</i>	<i>Negroamaro</i>	<i>Carmenère</i>	<i>Other Red</i>	<i>Total Red</i>	<i>Total</i>
Algeria								100.00	100
Argentina		0.01		0.00		0.02	3.30	58.63	100
Armenia								0.00	100
Australia							2.72	60.74	100
Austria							23.79	35.44	100
Brazil			7.17			0.01	17.15	82.72	100
Bulgaria							29.46	63.32	100
Canada		0.05	2.50			0.02	8.79	45.05	100
Chile						7.91	4.23	72.65	100
China						4.58	0.14	95.95	100
Croatia						0.09	21.29	34.14	100
Cyprus							47.53	66.30	100
Czechia							22.47	35.81	100
Ethiopia							12.34	65.54	100
France		1.33				0.00	4.52	67.21	100
Georgia							11.60	12.19	100
Germany			2.25				19.82	36.03	100
Greece							37.45	44.06	100
Hungary						0.00	8.07	30.25	100
Israel							15.35	61.22	100
Italy		0.00			1.84	0.17	18.77	56.91	100
Japan							23.25	59.58	100
Kazakhstan							15.63	19.32	100
Korea Rep.							98.15	98.15	100
Luxembourg							0.01	7.75	100
Mexico							23.79	62.38	100
Moldova							2.30	39.78	100
Morocco							39.93	89.09	100
Myanmar							2.57	58.99	100
New Zealand		0.06					1.12	24.05	100
Peru							50.59	59.83	100
Portugal			7.08				43.82	67.16	100
Romania				0.00			20.86	31.02	100
Russia							15.22	38.22	100
Serbia	22.00						9.00	31.00	100
Slovakia							15.72	31.13	100
Slovenia							18.46	32.30	100
South Africa		0.01		0.00			9.70	43.61	100
Spain		0.00					5.58	54.35	100
Switzerland							8.86	57.86	100
Taiwan							54.00	54.00	100
Thailand							12.67	66.40	100
Tunisia							20.00	100.00	100
Turkey							40.40	67.49	100
Ukraine							10.13	30.88	100
United Kingdom		4.17					9.77	33.81	100
United States		0.03	3.69			0.01	8.40	62.77	100
Uruguay			0.29				49.14	80.34	100
<b>Total</b>	<b>0.33</b>	<b>0.29</b>	<b>0.27</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>11.58</b>	<b>56.13</b>	<b>100</b>

Table 39: National winegrape area for world's top 30 red varieties, 2016 (hectares)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha Tinta</i>	<i>Pinot Noir</i>	<i>Sangiovese</i>	<i>Bobal</i>
Algeria	1000	1000		1000	2000			
Argentina	15356	5632	6140	12707	22	1866	1837	
Armenia								
Australia	23987	8415	681	38942	1492	4806	430	
Austria	567	695		141		614		
Brazil	429	363	23			141	3	
Bulgaria	9327	10050		804		342		
Cambodia	2	2		3				
Canada	660	633	6	260	1	639	4	
Chile	42409	12057	127	7994	187	4091	152	
China	40300	16700		1000	4000	400		
Croatia	709	828						
Cyprus								
Czechia						697		
Ethiopia							90	
France	46555	108483	658	62211	78631	31602	1503	
Georgia	286							
Germany	329	553		46		11184		
Greece	1929	1393	22	1042				
Hungary	2677	1961		215		1092	1	
India	100			500		100		
Israel	990	715	55	385				
Italy	14240	24057	9	7693	5421	5057	68428	
Japan	42	197				20		
Kazakhstan	20					180		
Korea Rep.								
Lebanon	1000	500		300				
Luxembourg						121		
Mexico	756	391	229	145	140			
Moldova	8169	7689		87		2366		
Morocco	604	333		347	786			
Myanmar			4	27		7		
New Zealand	275	1239	18	436	1	5514	8	
N. Macedonia	1020	1240				500		
Norway								
Peru	48	2		2	1	1		
Portugal	2346	482	17014	4017	60	130		
Romania	5359	11647	67	504		1930	88	
Russia	8528	2988				918		
Serbia	2111	1968				633		
Slovakia	469							
Slovenia	423	817		18		202		
South Africa	10589	5558	92	9946	344	1153	70	
Spain	20139	12852	193597	19488	54606	969	2	59189
Switzerland	66	1124	0	194	1	4209	0	
Taiwan								
Thailand	7		4	74		1	2	
Tunisia	117	64		67	152			
Turkey	476	415	6	1439	33	10	18	
Ukraine	4935	1400				385		
United Kingdom						546		
United States	40837	21251	626	9083	2213	22998	827	
Uruguay	484	747		67	4	56		
<b>Total</b>	<b>310671</b>	<b>266440</b>	<b>219379</b>	<b>181185</b>	<b>150096</b>	<b>105480</b>	<b>73464</b>	<b>59189</b>

Table 39 (cont.) National winegrape area for world's top 30 red varieties, 2016 (hectares)

<i>Country</i>	<i>Cabernet Franc</i>	<i>Côt</i>	<i>Monastrell</i>	<i>Mazuelo</i>	<i>Alicante Henri Bouschet</i>	<i>Tribidrag</i>	<i>Montepulciano</i>	<i>Gamay Noir</i>
Algeria				3000				
Argentina	929	40401		12	13	135	1	82
Armenia								0
Australia	328	515		704	8	19	87	60
Austria	64							6
Brazil	6834	30				101		1
Bulgaria	240							5
Cambodia								
Canada	820	41		1		0	8	272
Chile	1578	2293		102	811	6908	66	2
China	600				100			0
Croatia								
Cyprus								
Czechia								
Ethiopia								
France	32327	6100		8754	31760	2607	1	24095
Georgia	32							
Germany	10				1	60		
Greece	1368	3				14		3
Hungary								
India								
Israel	110	110		55	935			
Italy	5590	178			1686	286	13896	32724
Japan								64
Kazakhstan	56							
Korea Rep.								
Lebanon								
Luxembourg								
Mexico					448			
Moldova	756	162						
Morocco					1230	919		
Myanmar								
New Zealand	109	129					4	7
N. Macedonia							1000	
Norway								
Peru		10						
Portugal	23				291	4547		0
Romania	72	7		3		20	9	
Russia	20							
Serbia	79							54
Slovakia								
Slovenia	27							4
South Africa	835	452		473	114	7	24	9
Spain	680	113		41303	5461	19294	1	0
Switzerland	63	15		0		0	1	1349
Taiwan								
Thailand								
Tunisia					238	178		
Turkey	37	21		7	130	532		228
Ukraine								
United Kingdom								
United States	2199	1610		515	1086	380	18551	58
Uruguay	266	43				24		1
<b>Total</b>	<b>56052</b>	<b>52233</b>		<b>51930</b>	<b>47312</b>	<b>36031</b>	<b>33649</b>	<b>32935</b>
								<b>26221</b>

Table 39 (cont.) National winegrape area for world's top 30 red varieties, 2016 (hectares)

<i>Country</i>	<i>Cinsaut</i>	<i>Carmenère</i>	<i>Douce Noire</i>	<i>Barbera</i>	<i>Isabella</i>	<i>Blaufränkisch</i>	<i>Criolla Grande</i>	<i>Pinot Meunier</i>
Algeria								
Argentina	1	59	19072	444			15596	11
Armenia								
Australia	10	16		102	15	1		82
Austria						2808		
Brazil		10		2	11664			
Bulgaria								
Cambodia								
Canada		3		1		5		9
Chile	848	10503		5				2
China		11200						
Croatia						521		
Cyprus								
Czechia						1143		
Ethiopia								
France	15930	28	0					12130
Georgia						1737		2002
Germany		4						
Greece			0			7260		
Hungary								
India								
Israel								
Italy	4	635	630	15006		28		5
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg								
Mexico								
Moldova					3468			138
Morocco	3239							
Myanmar								
New Zealand								21
N. Macedonia								
Norway								
Peru						290		
Portugal	12							
Romania				0		729		
Russia					1362			
Serbia						727		
Slovakia						1216		
Slovenia				98		709		
South Africa	1767	8	35					14
Spain	10	0	0					2
Switzerland		0	0	1	4			0
Taiwan								
Thailand								
Tunisia	626							
Turkey	430							
Ukraine					1200			
United Kingdom								202
United States	45	24	31	2131		3		76
Uruguay					102			
<b>Total</b>	<b>22926</b>	<b>22486</b>	<b>19733</b>	<b>17824</b>	<b>17813</b>	<b>17180</b>	<b>15596</b>	<b>14695</b>

Table 39 (cont.) National winegrape area for world's top 30 red varieties, 2016 (hectares)

<i>Country</i>	<i>Nero d'Avola</i>	<i>Touriga Franca</i>	<i>Castelão</i>	<i>Moldova</i>	<i>Touriga Nacional</i>	<i>Negroamaro</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria							8000	
Argentina	0				27		9040	129384
Armenia						4405	4405	
Australia	64				38	18	3314	84141
Austria							10418	15306
Brazil					6		8386	27999
Bulgaria						10433	31196	
Cambodia						3	10	
Canada						1909	5273	
Chile					2		11139	101275
China						78053	152353	
Croatia						2347	4405	
Cyprus						3187	3187	
Czechia						2552	4392	
Ethiopia						21	111	
France						70702	534077	
Georgia						5567	5853	
Germany						18298	34181	
Greece						17031	21491	
Hungary	86					4430	19111	
India							700	
Israel						793	4148	
Italy	14129					11431	105241	326437
Japan						1510	1769	
Kazakhstan						1074	1330	
Korea Rep.						5300	5300	
Lebanon						382	2182	
Luxembourg						5	126	
Mexico						1425	3534	
Moldova			12375			7288	42497	
Morocco						1371	8830	
Myanmar						2	40	
New Zealand						82	7851	
N. Macedonia						11066	14826	
Norway						4	4	
Peru						1938	2292	
Portugal	14217	12580			11411		51301	118432
Romania		4				11	41425	61876
Russia							5120	18936
Serbia						6397	11970	
Slovakia						1378	3063	
Slovenia						2626	4926	
South Africa	2	3			105		10960	42561
Spain	0		0		4		41675	469385
Switzerland	0				0		1487	8515
Taiwan							94	94
Thailand							23	111
Tunisia							265	1707
Turkey							5573	9355
Ukraine							1250	9170
United Kingdom							118	867
United States					117		28334	153116
Uruguay							3682	5476
<b>Total</b>	<b>14281</b>	<b>14224</b>	<b>12580</b>	<b>12375</b>	<b>11722</b>	<b>11449</b>	<b>600423</b>	<b>2527573</b>

Table 40: National shares of global winegrape area for world's top 30 red varieties, 2016 (%)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha</i>	<i>Tinta</i>	<i>Pinot Noir</i>	<i>Sangiovese</i>	<i>Bobal</i>
Algeria	0.32	0.38		0.55	1.33				
Argentina	4.94	2.11	2.80	7.01	0.01		1.77	2.50	
Armenia									
Australia	7.72	3.16	0.31	21.49	0.99		4.56	0.58	
Austria	0.18	0.26		0.08			0.58		
Brazil	0.14	0.14	0.01				0.13	0.00	
Bulgaria	3.00	3.77		0.44			0.32		
Cambodia	0.00	0.00		0.00					
Canada	0.21	0.24	0.00	0.14	0.00		0.61	0.00	
Chile	13.65	4.53	0.06	4.41	0.12		3.88	0.21	
China	12.97	6.27		0.55	2.66		0.38		
Croatia	0.23	0.31							
Cyprus									
Czechia							0.66		
Ethiopia								0.12	
France	14.99	40.72	0.30	34.34	52.39		29.96	2.05	
Georgia	0.09								
Germany	0.11	0.21		0.03			10.60		
Greece	0.62	0.52	0.01	0.58					
Hungary	0.86	0.74		0.12			1.04	0.00	
India	0.03			0.28			0.09		
Israel	0.32	0.27	0.03	0.21					
Italy	4.58	9.03	0.00	4.25	3.61		4.79	93.15	
Japan	0.01	0.07					0.02		
Kazakhstan	0.01						0.17		
Korea Rep.									
Lebanon	0.32	0.19		0.17					
Luxembourg							0.11		
Mexico	0.24	0.15	0.10	0.08	0.09				
Moldova	2.63	2.89		0.05			2.24		
Morocco	0.19	0.13		0.19	0.52				
Myanmar			0.00	0.01			0.01		
New Zealand	0.09	0.46	0.01	0.24	0.00		5.23	0.01	
N. Macedonia	0.33	0.47					0.47		
Norway									
Peru	0.02	0.00		0.00	0.00		0.00		
Portugal	0.76	0.18	7.76	2.22	0.04		0.12		
Romania	1.72	4.37	0.03	0.28			1.83	0.12	
Russia	2.75	1.12					0.87		
Serbia	0.68	0.74					0.60		
Slovakia	0.15								
Slovenia	0.14	0.31		0.01			0.19		
South Africa	3.41	2.09	0.04	5.49	0.23		1.09	0.10	
Spain	6.48	4.82	88.25	10.76	36.38		0.92	0.00	100.00
Switzerland	0.02	0.42	0.00	0.11	0.00		3.99	0.00	
Taiwan									
Thailand	0.00		0.00	0.04			0.00	0.00	
Tunisia	0.04	0.02		0.04	0.10				
Turkey	0.15	0.16	0.00	0.79	0.02		0.01	0.02	
Ukraine	1.59	0.53					0.36		
United Kingdom							0.52		
United States	13.14	7.98	0.29	5.01	1.47		21.80	1.13	
Uruguay	0.16	0.28		0.04	0.00		0.05		
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		<b>100</b>	<b>100</b>	<b>100</b>

Table 40 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2016 (%)

Country	<i>Cabernet Franc</i>	<i>Côt</i>	<i>Monastrell</i>	<i>Mazuelo</i>	<i>Alicante Bouschet</i>	<i>Henri</i>	<i>Montepulciano</i>	<i>Gamay Noir</i>
						<i>Tribidrag</i>		
Algeria				6.34				
Argentina	1.66	77.35	0.02	0.03	0.38	0.00	0.25	0.00
Armenia								
Australia	0.58	0.99	1.36	0.02	0.05	0.26	0.18	0.02
Austria	0.11							
Brazil	12.19	0.06			0.28		0.00	0.02
Bulgaria	0.43							
Cambodia								
Canada	1.46	0.08	0.00		0.00	0.03		1.04
Chile	2.82	4.39	0.20	1.71	19.17	0.20	0.00	0.00
China	1.07			0.21				
Croatia								
Cyprus								
Czechia								
Ethiopia								
France	57.67	11.68	16.86	67.13	7.24	0.00		91.89
Georgia	0.06							
Germany								
Greece	0.02			0.00	0.17			
Hungary	2.44	0.01			0.04			0.01
India								
Israel	0.20	0.21	0.11	1.98				
Italy	9.97	0.34		3.56	0.79	41.30	99.36	0.24
Japan								
Kazakhstan	0.10							
Korea Rep.								
Lebanon								
Luxembourg								
Mexico				0.95				
Moldova	1.35	0.31			2.60	2.55		
Morocco								
Myanmar								
New Zealand	0.19	0.25				0.01	0.02	0.03
N. Macedonia						2.97		
Norway								
Peru		0.02						
Portugal	0.04			0.62	12.62			0.00
Romania	0.13	0.01	0.01		0.06	0.03		
Russia	0.04							
Serbia	0.14						0.21	
Slovakia								
Slovenia	0.05						0.02	
South Africa	1.49	0.87	0.91	0.24	0.02	0.07		0.03
Spain	1.21	0.22	79.54	11.54	53.55	0.00	0.00	
Switzerland	0.11	0.03	0.00		0.00	0.00		5.15
Taiwan								
Thailand								
Tunisia				0.50	0.49			
Turkey	0.07	0.04	0.01	0.27	1.48			0.87
Ukraine								
United Kingdom								
United States	3.92	3.08	0.99	2.30	1.06	55.13	0.18	0.47
Uruguay	0.47	0.08			0.07			0.00
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 40 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2016 (%)

<i>Country</i>	<i>Cinsaut</i>	<i>Carmenère</i>	<i>Douce Noire</i>	<i>Barbera</i>	<i>Isabella</i>	<i>Blaufränkisch</i>	<i>Criolla Grande</i>	<i>Pinot Meunier</i>
Algeria								
Argentina	0.01	0.26	96.65	2.49			100.00	0.08
Armenia								
Australia	0.04	0.07		0.57	0.09	0.00		0.56
Austria						16.34		
Brazil		0.04		0.01	65.48			
Bulgaria								
Cambodia								
Canada		0.01		0.01		0.03		0.06
Chile	3.70	46.71		0.03				0.01
China		49.81						
Croatia						3.03		
Cyprus								
Czechia						6.65		
Ethiopia								
France	69.48	0.13	0.00					82.54
Georgia						10.11		13.62
Germany								
Greece	0.02		0.00			42.26		
Hungary								
India								
Israel								
Italy	0.02	2.82	3.19	84.19		0.16		0.04
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg								
Mexico								
Moldova					19.47			0.94
Morocco	14.13							
Myanmar								
New Zealand								0.14
N. Macedonia								
Norway								
Peru						1.69		
Portugal	0.05							
Romania				0.00		4.24		
Russia					7.65			
Serbia						4.23		
Slovakia						7.08		
Slovenia				0.55		4.13		
South Africa	7.71	0.04		0.20				0.10
Spain	0.04	0.00		0.00				0.02
Switzerland		0.00		0.00	0.01	0.02		0.00
Taiwan								
Thailand								
Tunisia	2.73							
Turkey	1.87							
Ukraine					6.74			
United Kingdom								1.38
United States	0.20	0.11	0.16	11.95		0.02		0.52
Uruguay					0.57			
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 40 (cont.): National shares of global winegrape area for world's top 30 red varieties, 2016 (%)

<i>Country</i>	<i>Nero d'Avola</i>	<i>Touriga Franca</i>	<i>Castelão</i>	<i>Moldova</i>	<i>Touriga Nacional</i>	<i>Negroamaro</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria							0.32	
Argentina	0.00				0.23		1.51	5.12
Armenia						0.73		0.17
Australia	0.45				0.33	0.16	0.55	3.33
Austria							1.74	0.61
Brazil					0.05		1.40	1.11
Bulgaria							1.74	1.23
Cambodia						0.00		0.00
Canada						0.32		0.21
Chile					0.01		1.86	4.01
China							13.00	6.03
Croatia						0.39		0.17
Cyprus						0.53		0.13
Czechia						0.43		0.17
Ethiopia						0.00		0.00
France							11.78	21.13
Georgia						0.93		0.23
Germany						3.05		1.35
Greece						2.84		0.85
Hungary	0.60					0.74		0.76
India							0.03	
Israel						0.13		0.16
Italy	98.93				99.84	17.53		12.92
Japan						0.25		0.07
Kazakhstan						0.18		0.05
Korea Rep.						0.88		0.21
Lebanon						0.06		0.09
Luxembourg						0.00		0.01
Mexico						0.24		0.14
Moldova			100.00				1.21	1.68
Morocco							0.23	0.35
Myanmar						0.00		0.00
New Zealand						0.01		0.31
N. Macedonia						1.84		0.59
Norway						0.00		0.00
Peru						0.32		0.09
Portugal	99.95	100.00			97.35		8.54	4.69
Romania	0.03				0.10		6.90	2.45
Russia							0.85	0.75
Serbia							1.07	0.47
Slovakia							0.23	0.12
Slovenia							0.44	0.19
South Africa	0.01	0.02			0.90		1.83	1.68
Spain	0.00		0.00		0.03		6.94	18.57
Switzerland	0.00				0.00		0.25	0.34
Taiwan							0.02	0.00
Thailand							0.00	0.00
Tunisia							0.04	0.07
Turkey							0.93	0.37
Ukraine							0.21	0.36
United Kingdom							0.02	0.03
United States					1.00		4.72	6.06
Uruguay							0.61	0.22
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 41: Shares of world's top 30 red varieties in national winegrape area, by country, 2016 (%)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha Tinta</i>	<i>Pinot Noir</i>	<i>Sangiovese</i>	<i>Bobal</i>
Algeria	12.05	12.05		12.05	24.10			
Argentina	7.44	2.73	2.98	6.16	0.01	0.90	0.89	
Armenia								
Australia	18.11	6.35	0.51	29.40	1.13	3.63	0.32	
Austria	1.25	1.53		0.31		1.35		
Brazil	1.29	1.09	0.07			0.43	0.01	
Bulgaria	17.61	18.97		1.52		0.65		
Cambodia	20.00	20.00		30.00				
Canada	5.23	5.03	0.05	2.06	0.01	5.07	0.03	
Chile	29.07	8.27	0.09	5.48	0.13	2.80	0.10	
China	22.64	9.38		0.56	2.25	0.22		
Croatia	6.04	7.05						
Cyprus								
Czechia						5.13		
Ethiopia							53.20	
France	5.71	13.31	0.08	7.63	9.65	3.88	0.18	
Georgia	0.60							
Germany	0.35	0.59		0.05		11.83		
Greece	3.79	2.74	0.04	2.05				
Hungary	4.19	3.07		0.34		1.71	0.00	
India	3.70			18.52		3.70		
Israel	19.80	14.30	1.10	7.70				
Italy	2.36	3.98	0.00	1.27	0.90	0.84	11.32	
Japan	1.07	5.09				0.53		
Kazakhstan	0.28					2.59		
Korea Rep.								
Lebanon	25.00	12.50		7.50				
Luxembourg						9.31		
Mexico	13.83	7.15	4.19	2.65	2.56			
Moldova	9.89	9.31		0.11		2.86		
Morocco	3.44	1.90		1.97	4.47			
Myanmar			5.00	38.57		10.00		
New Zealand	0.78	3.49	0.05	1.23	0.00	15.55	0.02	
N. Macedonia	4.12	5.00				2.02		
Norway								
Peru	1.25	0.05		0.05	0.03	0.03		
Portugal	1.28	0.26	9.32	2.20	0.03	0.07		
Romania	2.93	6.37	0.04	0.28		1.06	0.05	
Russia	16.79	5.88				1.81		
Serbia	9.59	8.94				2.88		
Slovakia	6.05							
Slovenia	2.65	5.11		0.12		1.26		
South Africa	11.06	5.80	0.10	10.38	0.36	1.20	0.07	
Spain	2.28	1.45	21.91	2.21	6.18	0.11	0.00	6.70
Switzerland	0.45	7.60	0.00	1.31	0.01	28.45	0.00	
Taiwan								
Thailand	3.37		1.81	35.85		0.25	1.03	
Tunisia	3.44	1.90		1.97	4.47			
Turkey	3.48	3.03	0.05	10.50	0.24	0.07	0.13	
Ukraine	19.61	5.56				1.53		
United Kingdom						29.70		
United States	17.04	8.87	0.26	3.79	0.92	9.60	0.35	
Uruguay	7.18	11.08		0.99	0.06	0.83		
<b>Total</b>	<b>6.93</b>	<b>5.94</b>	<b>4.89</b>	<b>4.04</b>	<b>3.35</b>	<b>2.35</b>	<b>1.64</b>	<b>1.32</b>

Table 41 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2016 (%)

Country	<i>Cabernet Franc</i>	<i>Côt</i>	<i>Monastrell</i>	<i>Mazuelo</i>	<i>Alicante Bouschet</i>	<i>Henri Montbidrag</i>	<i>Montepulciano</i>	<i>Gamay Noir</i>
Algeria				36.14				
Argentina	0.45	19.58	0.01	0.01	0.07	0.00	0.04	0.00
Armenia								
Australia	0.25	0.39	0.53	0.01	0.01	0.07	0.05	0.00
Austria	0.14							
Brazil	20.58	0.09			0.30		0.00	0.02
Bulgaria	0.45							
Cambodia								
Canada	6.50	0.33	0.01		0.00	0.07		2.16
Chile	1.08	1.57	0.07	0.56	4.74	0.05	0.00	0.00
China	0.34			0.06				
Croatia								
Cyprus								
Czechia								
Ethiopia								
France	3.97	0.75	1.07	3.90	0.32	0.00		2.96
Georgia								
Germany	0.03							
Greece	0.02			0.00	0.12			
Hungary	2.14	0.00			0.02			0.00
India								
Israel	2.20	2.20	1.10	18.70				
Italy	0.92	0.03		0.28	0.05	2.30	5.41	0.01
Japan								
Kazakhstan	0.81							
Korea Rep.								
Lebanon								
Luxembourg								
Mexico				8.20				
Moldova	0.92	0.20						
Morocco				7.00	5.23			
Myanmar								
New Zealand	0.31	0.36					0.01	0.02
N. Macedonia							4.04	0.02
Norway								
Peru		0.26						
Portugal	0.01			0.16	2.49			0.00
Romania	0.04	0.00	0.00		0.01	0.00		
Russia	0.04							
Serbia	0.36							0.25
Slovakia								
Slovenia	0.17							0.03
South Africa	0.87	0.47	0.49	0.12	0.01	0.03		0.01
Spain	0.08	0.01	4.67	0.62	2.18	0.00	0.00	
Switzerland	0.43	0.10	0.00		0.00	0.00		9.12
Taiwan								
Thailand								
Tunisia				7.00	5.23			
Turkey	0.27	0.15	0.05	0.95	3.88			1.66
Ukraine								
United Kingdom								
United States	0.92	0.67	0.21	0.45	0.16	7.74	0.02	0.05
Uruguay	3.94	0.64			0.36			0.01
<b>Total</b>	<b>1.25</b>	<b>1.17</b>	<b>1.16</b>	<b>1.06</b>	<b>0.80</b>	<b>0.75</b>	<b>0.73</b>	<b>0.59</b>

Table 41 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2016 (%)

<i>Country</i>	<i>Cinsaut</i>	<i>Carmenère</i>	<i>Douce Noire</i>	<i>Barbera</i>	<i>Isabella</i>	<i>Blaufränkisch</i>	<i>Criolla Grande</i>	<i>Pinot Meunier</i>
Algeria								
Argentina	0.00	0.03	9.24	0.21			7.56	0.01
Armenia								
Australia	0.01	0.01		0.08	0.01	0.00		0.06
Austria						6.18		
Brazil		0.03		0.00	35.13			
Bulgaria								
Cambodia								
Canada		0.02		0.01		0.04		0.07
Chile	0.58	7.20		0.00				0.00
China		6.29						
Croatia						4.44		
Cyprus								
Czechia						8.40		
Ethiopia								
France	1.95	0.00	0.00					1.49
Georgia						1.84		
Germany								2.12
Greece	0.01		0.00			11.37		
Hungary								
India								
Israel								
Italy	0.00	0.10	0.10	2.48		0.00		0.00
Japan								
Kazakhstan					4.20			0.17
Korea Rep.								
Lebanon								
Luxembourg								
Mexico								
Moldova								
Morocco	18.42							
Myanmar								
New Zealand								0.06
N. Macedonia								
Norway								
Peru						7.57		
Portugal	0.01							
Romania				0.00		0.40		
Russia					2.68			
Serbia						3.30		
Slovakia						15.69		
Slovenia				0.61		4.44		
South Africa	1.84	0.01		0.04				0.02
Spain	0.00	0.00		0.00				0.00
Switzerland		0.00		0.00	0.01	0.02		0.00
Taiwan								
Thailand								
Tunisia	18.42							
Turkey	3.14							
Ukraine					4.77			
United Kingdom								11.00
United States	0.02	0.01	0.01	0.89		0.00		0.03
Uruguay						1.51		
<b>Total</b>	<b>0.51</b>	<b>0.50</b>	<b>0.44</b>	<b>0.40</b>	<b>0.40</b>	<b>0.38</b>	<b>0.35</b>	<b>0.33</b>

Table 41 (cont.): Shares of world's top 30 red varieties in national winegrape area, by country, 2016 (%)

<i>Country</i>	<i>Nero d'Avola</i>	<i>Touriga Franca</i>	<i>Castelão</i>	<i>Moldova</i>	<i>Touriga Nacional</i>	<i>Negroam aro</i>	<i>Other Red</i>	<i>Total Red</i>	<i>Total</i>	
Algeria								96.39	100	
Argentina	0.00				0.01		4.38	62.70	100	
Armenia							29.96	29.96	100	
Australia	0.05				0.03	0.01	2.50	63.53	100	
Austria							22.93	33.68	100	
Brazil					0.02		25.26	84.32	100	
Bulgaria							19.70	58.89	100	
Cambodia							30.00	100.00	100	
Canada							15.15	41.85	100	
Chile					0.00		7.64	69.43	100	
China							43.85	85.59	100	
Croatia							19.98	37.50	100	
Cyprus							62.09	62.09	100	
Czechia							18.76	32.29	100	
Ethiopia							12.34	65.54	100	
France							8.68	65.54	100	
Georgia							11.60	12.19	100	
Germany							19.36	36.17	100	
Greece							33.50	42.27	100	
Hungary	0.14						6.94	29.92	100	
India								25.93	100	
Israel							15.85	82.95	100	
Italy	2.34					1.89	17.41	54.00	100	
Japan							39.03	45.73	100	
Kazakhstan							15.47	19.16	100	
Korea Rep.							98.15	98.15	100	
Lebanon							9.55	54.55	100	
Luxembourg							0.42	9.73	100	
Mexico					14.98			26.07	64.66	100
Moldova							8.82	51.45	100	
Morocco							7.79	50.20	100	
Myanmar							2.86	56.43	100	
New Zealand							0.23	22.14	100	
N. Macedonia							44.66	59.84	100	
Norway							34.00	34.00	100	
Peru							50.59	59.83	100	
Portugal		7.78	6.89		6.25		28.09	64.84	100	
Romania		0.00			0.01		22.67	33.86	100	
Russia							10.08	37.28	100	
Serbia							29.06	54.37	100	
Slovakia							17.78	39.53	100	
Slovenia							16.43	30.81	100	
South Africa	0.00	0.00			0.11		11.44	44.44	100	
Spain	0.00		0.00		0.00		4.72	53.12	100	
Switzerland	0.00				0.00		10.05	57.56	100	
Taiwan							63.24	63.24	100	
Thailand							11.10	53.43	100	
Tunisia							7.79	50.20	100	
Turkey							40.67	68.26	100	
Ukraine							4.97	36.44	100	
United Kingdom							6.44	47.14	100	
United States					0.05		11.82	63.90	100	
Uruguay							54.61	81.21	100	
<b>Total</b>	<b>0.32</b>	<b>0.32</b>	<b>0.28</b>	<b>0.28</b>	<b>0.26</b>	<b>0.26</b>	<b>13.40</b>	<b>56.39</b>	<b>100</b>	

Table 42: Change in national winegrape area since 2000 for world's top 30 red varieties in 2016 (hectares)

<i>Country</i>	<i>Cabernet Sauvignon</i>	<i>Merlot</i>	<i>Tempranillo</i>	<i>Syrah</i>	<i>Garnacha Tinta</i>	<i>Pinot Noir</i>	<i>Sangiovese</i>	<i>Bobal</i>
Algeria	-510	-510		-510	-4040			
Argentina	1579	-631	1420	3819	13	752	-653	
Armenia								
Australia	-1009	746	640	9647	-647	1583	58	
Austria	255	583				205		
Brazil	-158	-106						
Bulgaria	-1114	-1120				-426		
Cambodia								
Canada	91	-41				182		
Chile	6442	-768	126	5954		2477	29	
China								
Croatia								
Cyprus								
Czechia								
Ethiopia								
France	-6859	7174	-890	11535	-17086	5076	-61	
Georgia	63							
Germany						2541		
Greece	1241	1210		1003				
Hungary	1624	1475				849		
India								
Israel	383	68						
Italy	6558	2196	2	6668	-1360	1770	5667	
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg						55		
Mexico								
Moldova	579	-434				-4155		
Morocco						-16		
Myanmar								
New Zealand	-379	582		376		4416		
N. Macedonia								
Norway								
Peru								
Portugal	2028		9658					
Romania	-3261	3837				190		
Russia	6950							
Serbia								
Slovakia	313							
Slovenia		-380						
South Africa	1765	670	79	4315	305	666	35	
Spain	15621	11666	114287	19402	-43524	552		-40940
Switzerland	32	276		139		-393		
Taiwan								
Thailand								
Tunisia	-220			-270	-1868			
Turkey								
Ukraine								
United Kingdom								
United States	23263	4376	425	7574	-2307	17655	145	
Uruguay	-191	-310		5				
<b>Total</b>	<b>87597</b>	<b>53072</b>	<b>126009</b>	<b>78695</b>	<b>-66253</b>	<b>36670</b>	<b>4587</b>	<b>-40940</b>

Table 42 (cont.): Change in national winegrape area since 2000 for world's top 30 red varieties in 2016 (hectares)

<i>Country</i>	<i>Cabernet Franc</i>	<i>Côt</i>	<i>Monastrell</i>	<i>Mazuelo</i>	<i>Alicante Henri Bouschet</i>	<i>Tribidrag</i>	<i>Montepulciano</i>	<i>Gamay Noir</i>
Algeria				-4550				
Argentina	677	22172	12	-44	22	-5	33	-1
Armenia								
Australia	-416	86	-244	-82				
Austria	37							
Brazil	3051							
Bulgaria								
Cambodia								
Canada	253							9
Chile	889	1364	80	170	4026	-25		
China								
Croatia								
Cyprus								
Czechia								
Ethiopia								
France	-3768	-29	1120	-63985	-6157	0		-10443
Georgia								
Germany								
Greece	-30			-13	39			
Hungary	841							
India								
Israel				-36				
Italy	-1049	-73		-34	-224	6068	4045	-88
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg								
Mexico								
Moldova		123						
Morocco				-462	-179			
Myanmar								
New Zealand	-9	62						
N. Macedonia								
Norway								
Peru								
Portugal					3872			
Romania								
Russia								
Serbia								
Slovakia								
Slovenia								
South Africa	347	377	460	43	-2	-4		-28
Spain	650	90	-25857	-2642	973			-628
Switzerland	47	15						
Taiwan								
Thailand								
Tunisia				-7338	-664			
Turkey								
Ukraine								
United Kingdom								
United States	1011	1513	328	-2002	-182	-79		-562
Uruguay	-98							
<b>Total</b>	<b>4078</b>	<b>25948</b>	<b>-24374</b>	<b>-80380</b>	<b>-1125</b>	<b>6728</b>	<b>4207</b>	<b>-11577</b>

Table 42 (cont.): Change in national winegrape area since 2000 for world's top 30 red varieties in 2016 (hectares)

<i>Country</i>	<i>Cinsaut</i>	<i>Carmenère</i>	<i>Douce Noire</i>	<i>Barbera</i>	<i>Isabella</i>	<i>Blaufränkisch</i>	<i>Criolla Grande</i>	<i>Pinot Meunier</i>
Algeria								
Argentina	-5		3412	-611			-8668	1
Armenia								
Australia					-1			-25
Austria						167		
Brazil						2621		
Bulgaria								
Cambodia								
Canada								
Chile	653	5784						
China								
Croatia						668		
Cyprus								
Czechia						463		
Ethiopia								
France	-15663	24	-1					1508
Georgia								
Germany						619		-287
Greece	-104							
Hungary						340		
India								
Israel								
Italy	-270	592	-2013	-12169			-84	-5
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg								
Mexico								
Moldova					7933			
Morocco	-701							
Myanmar								
New Zealand								
N. Macedonia								
Norway								
Peru								
Portugal								
Romania								
Russia								
Serbia								
Slovakia						125		
Slovenia								
South Africa	-1767			20				8
Spain	7							-5
Switzerland								
Taiwan								
Thailand								
Tunisia	-216							
Turkey								
Ukraine								
United Kingdom								
United States	12		10	-2563		-41		-4
Uruguay								
<b>Total</b>	<b>-25502</b>	<b>16775</b>	<b>1409</b>	<b>-15217</b>	<b>-9637</b>	<b>3184</b>	<b>-8668</b>	<b>1564</b>

Table 42 (cont.): Change in national winegrape area since 2000 for world's top 30 red varieties in 2016 (hectares)

<i>Country</i>	<i>Nero d'Avola</i>	<i>Touriga Franca</i>	<i>Castelão</i>	<i>Moldova</i>	<i>Touriga Nacional</i>	<i>Negroamaro</i>	<i>Other Red</i>	<i>Total Red</i>
Algeria							-22200	
Argentina	-5					833	24132	
Armenia							4405	
Australia					-34	-3829	6768	
Austria						941	2329	
Brazil						-4209	-3722	
Bulgaria						-25461	-27077	
Cambodia							10	
Canada						-302	533	
Chile						-13059	14339	
China							152353	
Croatia						-11548	-10679	
Cyprus						-11438	-11438	
Czechia						-167	993	
Ethiopia							111	
France						36201	-62303	
Georgia						1227	1290	
Germany						5168	9001	
Greece						-756	2590	
Hungary						-7282	-1829	
India							700	
Israel						48	1177	
Italy	2810					-5188	-16300	-2481
Japan							1769	
Kazakhstan							1330	
Korea Rep.						0	0	
Lebanon							2182	
Luxembourg							59	
Mexico							3534	
Moldova						5221	6756	
Morocco						-35285	-35358	
Myanmar							40	
New Zealand						-89	5027	
N. Macedonia							14826	
Norway							4	
Peru							2292	
Portugal		7546	-1844		7262		-34407	-868
Romania							-1981	299
Russia							-4008	8230
Serbia							-14992	-9420
Slovakia							-25	414
Slovenia							-2279	-1177
South Africa		0			64		1685	9049
Spain							-41433	8853
Switzerland							1104	602
Taiwan							-1436	-1436
Thailand								111
Tunisia							-3102	-15129
Turkey								9355
Ukraine								9170
United Kingdom							-82	667
United States							8207	56963
Uruguay							-2715	-3079
<b>Total</b>	<b>2958</b>	<b>7550</b>	<b>-1844</b>	<b>12375</b>	<b>7459</b>	<b>-5170</b>	<b>-79967</b>	<b>110208</b>

Table 43: National winegrape area for world's top 30 white varieties, 2000 (hectares)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Trebbiano</i>	<i>Toscano</i>	<i>Graševina</i>	<i>Rkatsiteli</i>	<i>Sauvignon</i>	<i>Cayetana</i>	<i>Catarratto</i>
							<i>Blanc</i>	<i>Blanca</i>	<i>Bianco</i>
Algeria									
Argentina		4682		2765			865		
Armenia						2469			
Australia		17266		685			2602		249
Austria					4323		314		
Brazil		330		688		880	140		
Bulgaria		1862		1821		3602	9429	405	
Canada		973						148	
Chile		7672						6662	
Croatia					16051				
Cyprus									
Czechia		567			1246				
France		36496		90341			20933		
Georgia						19741			
Germany		531							
Greece		36		746			158		
Hungary		2954			6677		324		
Israel		142					263		
Italy		11687		39447		2007		3312	50711
Korea Rep.									
Luxembourg		8							
Moldova		5134				11508		8151	
Morocco									
New Zealand		2787					2423		
Portugal			382						
Romania		1376			15014		506	4613	
Russia		1639				13152			
Serbia					33120				
Slovakia		623			3895				
Slovenia		1549			3568		1221		
South Africa		6067		147			5436		
Spain	387978		1814		28	1923		467	55527
Switzerland			226					38	
Taiwan									
Tunisia									
United Kingdom		68							
United States		35791		151			4191		
Uruguay		142					142		
"Missing 9"		3120				10549		2383	
<b>Total</b>	<b>387978</b>	<b>145543</b>	<b>137201</b>	<b>92306</b>	<b>67354</b>	<b>65190</b>	<b>55776</b>	<b>50711</b>	

Table 43 (cont.) National winegrape area for world's top 30 white varieties, 2000 (hectares)

<i>Country</i>	<i>Macabeo</i>	<i>Chenin Blanc</i>	<i>Riesling</i>	<i>Colombard</i>	<i>Aligoté</i>	<i>Müller-Thurgau</i>	<i>Palomino Fino</i>	<i>Blanc à Petits Grains</i>
Algeria								
Argentina	3	3445	150				216	149
Armenia								526
Australia		841	3129	1801			124	214
Austria			1643			3289		143
Brazil								
Bulgaria			647		1659			
Canada			482					
Chile		76	286					
Croatia								
Cyprus								
Czechia			793			1586		
France	5223	9837	3407	6896	1756	5	440	6935
Georgia					97			
Germany			22350			20706		87
Greece								2232
Hungary			1619			3278		1538
Israel		101		486				
Italy			599			996		13016
Korea Rep.								
Luxembourg			175			459		
Moldova			1343		15790	173		172
Morocco								
New Zealand		146	490			419	21	
Portugal								1419
Romania					7608			1012
Russia			1376		1821			
Serbia						1870		
Slovakia								
Slovenia								
South Africa		22566	477	11432			1632	773
Spain	42902	105	97				27685	223
Switzerland		1	8		20	686		44
Taiwan								
Tunisia								
United Kingdom								
United States		8433	1965	18010			319	515
Uruguay								
"Missing 9"		210	2279	8	6916	120	76	981
<b>Total</b>	<b>48128</b>	<b>45761</b>	<b>43316</b>	<b>38632</b>	<b>35668</b>	<b>33587</b>	<b>30513</b>	<b>29979</b>

Table 43 (cont.) National winegrape area for world's top 30 white varieties, 2000 (hectares)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Sémillon</i>	<i>Fetească Albă</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Pedro Ximénez</i>	<i>Pinot Blanc</i>	<i>Garganega</i>
Algeria								
Argentina	5515	1033					40	4
Armenia								
Australia	2495	6528				89		
Austria				17479				2936
Brazil	809	384						
Bulgaria								
Canada							146	
Chile		1893				2379		14
Croatia								
Cyprus								
Czechia				1700				
France	3027	14015					1401	
Georgia							171	
Germany							2396	
Greece		21						
Hungary			971	1335				
Israel	202							
Italy	1157	8		129	19492		4993	16549
Korea Rep.								
Luxembourg							138	
Moldova			4334				350	
Morocco	3669							
New Zealand		229						
Portugal	510							
Romania			18211					
Russia							2995	
Serbia								
Slovakia			312	2960			623	
Slovenia								
South Africa	4047	1033					35	
Spain	6144					14803		
Switzerland		3					77	
Taiwan								
Tunisia								
United Kingdom								
United States	2013	709					431	
Uruguay								
"Missing 9"		382				1	238	
<b>Total</b>	<b>29590</b>	<b>26239</b>	<b>23828</b>	<b>23604</b>	<b>19492</b>	<b>17272</b>	<b>16983</b>	<b>16553</b>

Table 43 (cont.) National winegrape area for world's top 30 white varieties, 2000 (hectares)

Country	Niagara	Pedro Giménez	Fernão Pires	Chasselas	Melon	<i>Malvasia</i>		Total White
						Bianca di Candia	Other White	
Algeria							0	0
Argentina			14862				26927	60656
Armenia							8211	11206
Australia							17206	53230
Austria							4712	34840
Brazil	13436						4452	21119
Bulgaria							18299	37724
Canada	461						1338	3548
Chile				404			7642	27028
Croatia							28313	44364
Cyprus							3656	3656
Czechia							2040	7932
France		943		13253			48693	263602
Georgia							12827	32836
Germany			1198				27973	75241
Greece							20859	24052
Hungary				1902			41059	61657
Israel							687	1881
Italy				22		11921	125055	301101
Korea Rep.								0
Luxembourg							346	1126
Moldova							5106	52061
Morocco							1744	5413
New Zealand			14206	25			444	6984
Portugal							69186	85703
Romania							109869	158209
Russia							24643	45626
Serbia				3450			11040	47609
Slovakia							2649	12932
Slovenia							11032	17369
South Africa		339					6058	60040
Spain				1			181455	721151
Switzerland				5373			503	6979
Taiwan							1303	1303
Tunisia								0
United Kingdom							605	673
United States	1357						968	3763
Uruguay								41
"Missing 9"	89							8368
<b>Total</b>	<b>15343</b>	<b>14862</b>	<b>14545</b>	<b>13318</b>	<b>13253</b>	<b>12889</b>	<b>838104</b>	<b>2403514</b>

Table 44: National shares of global winegrape area for world's top 30 white varieties, 2000 (%)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Trebbiano</i>	<i>Toscano</i>	<i>Graševina</i>	<i>Rkatsiteli</i>	<i>Sauvignon</i>	<i>Blanc</i>	<i>Cayetana</i>	<i>Blanca</i>	<i>Catarratto</i>	<i>Bianco</i>
Algeria												
Argentina		3.22		2.01					1.33			
Armenia							3.67					
Australia		11.86		0.50					3.99		0.45	
Austria						4.68			0.48			
Brazil		0.23		0.50		0.95			0.21			
Bulgaria		1.28		1.33		3.90		14.00		0.62		
Canada		0.67							0.23			
Chile		5.27							10.22			
Croatia					17.39							
Cyprus												
Czechia		0.39				1.35						
France		25.08		65.85					32.11			
Georgia							29.31					
Germany		0.36										
Greece		0.02		0.54					0.24			
Hungary		2.03				7.23			0.50			
Israel		0.10							0.40			
Italy		8.03		28.75		2.17			5.08		100.00	
Korea Rep.												
Luxembourg		0.01										
Moldova		3.53					17.09		12.50			
Morocco												
New Zealand		1.91							3.72			
Portugal			0.28									
Romania		0.95				16.27		0.75		7.08		
Russia		1.13					19.53					
Serbia					35.88							
Slovakia		0.43			4.22							
Slovenia		1.06			3.87				1.87			
South Africa		4.17		0.11					8.34			
Spain	100.00		1.25	0.02		2.08			0.72	99.55		
Switzerland			0.16						0.06			
Taiwan												
Tunisia												
United Kingdom		0.05										
United States		24.59		0.11					6.43			
Uruguay		0.10							0.22			
"Missing 9"		2.14					15.66		3.66			
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>		

Table 44 (cont.): National shares of global winegrape area for world's top 30 white varieties, 2000 (%)

<i>Country</i>	<i>Macabeo</i>	<i>Chenin Blanc</i>	<i>Riesling</i>	<i>Colombard</i>	<i>Aligoté</i>	<i>Müller-Thurgau</i>	<i>Palomino Fino</i>	<i>Blanc à Petits Grains</i>
Algeria								
Argentina	0.01	7.53	0.35				0.71	0.50
Armenia								1.75
Australia		1.84	7.22	4.66			0.41	0.71
Austria			3.79			9.79		0.48
Brazil								
Bulgaria			1.49		4.65			
Canada			1.11					
Chile		0.17	0.66					
Croatia								
Cyprus								
Czechia			1.83			4.72		
France	10.85	21.50	7.87	17.85	4.92	0.01	1.44	23.13
Georgia					0.27			
Germany			51.60			61.65		0.29
Greece								7.45
Hungary			3.74			9.76		5.13
Israel		0.22		1.26				
Italy			1.38			2.97		43.42
Korea Rep.								
Luxembourg			0.40			1.37		
Moldova			3.10		44.27	0.52		0.57
Morocco								
New Zealand		0.32	1.13			1.25	0.07	
Portugal								4.73
Romania					21.33			3.37
Russia			3.18		5.11			
Serbia						5.57		
Slovakia								
Slovenia								
South Africa		49.31	1.10	29.59			5.35	2.58
Spain	89.14	0.23	0.22				90.73	0.74
Switzerland		0.00	0.02		0.06	2.04		0.15
Taiwan								
Tunisia								
United Kingdom								
United States		18.43	4.54	46.62			1.05	1.72
Uruguay								
"Missing 9"		0.46	5.26	0.02	19.39	0.36	0.25	3.27
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 44 (cont.): National shares of global winegrape area for world's top 30 white varieties, 2000 (%)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Sémillon</i>	<i>Fetească Albă</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Pedro Ximénez</i>	<i>Pinot Blanc</i>	<i>Garganega</i>
Algeria								
Argentina	18.64	3.94					0.23	0.03
Armenia								
Australia	8.43	24.88				0.52		
Austria				74.05				
Brazil	2.74	1.47					17.29	
Bulgaria								
Canada							0.86	
Chile		7.21				13.77	0.08	
Croatia								
Cyprus								
Czechia				7.20				
France	10.23	53.41					8.25	
Georgia							1.01	
Germany							14.11	
Greece		0.08						
Hungary				4.08	5.66			
Israel	0.68							
Italy	3.91	0.03			0.55	100.00		29.40
Korea Rep.								99.97
Luxembourg							0.81	
Moldova			18.19					2.06
Morocco	12.40							
New Zealand		0.87						
Portugal	1.72							
Romania			76.43					
Russia							17.63	
Serbia								
Slovakia				1.31	12.54			3.67
Slovenia								
South Africa	13.68	3.94					0.20	
Spain	20.77					85.71		0.46
Switzerland		0.01						
Taiwan								
Tunisia								
United Kingdom								
United States	6.80	2.70					2.54	
Uruguay								
"Missing 9"		1.46				0.00	1.40	
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 44 (cont.): National shares of global winegrape area for world's top 30 white varieties, 2000 (%)

<i>Country</i>	<i>Niagara</i>	<i>Pedro Giménez</i>	<i>Fernão Pires</i>	<i>Chasselas</i>	<i>Melon</i>	<i>Malvasia Bianca di Candia</i>	<i>Other White</i>	<i>Total White</i>
Algeria								0.00
Argentina		100.00					3.21	2.52
Armenia							0.98	0.47
Australia							2.05	2.21
Austria							0.56	1.45
Brazil	87.57						0.53	0.88
Bulgaria							2.18	1.57
Canada	3.01			3.03			0.16	0.15
Chile							0.91	1.12
Croatia							3.38	1.85
Cyprus							0.44	0.15
Czechia							0.24	0.33
France			7.08	100.00			5.81	10.97
Georgia							1.53	1.37
Germany			9.00				3.34	3.13
Greece							2.49	1.00
Hungary			14.28				4.90	2.57
Israel							0.08	0.08
Italy			0.16		92.49	14.92		12.53
Korea Rep.								0.00
Luxembourg							0.04	0.05
Moldova							0.61	2.17
Morocco							0.21	0.23
New Zealand			0.19				0.05	0.29
Portugal	97.67						8.26	3.57
Romania							13.11	6.58
Russia							2.94	1.90
Serbia			25.90				1.32	1.98
Slovakia							0.32	0.54
Slovenia							1.32	0.72
South Africa		2.33					0.72	2.50
Spain			0.01				21.65	30.00
Switzerland			40.34				0.06	0.29
Taiwan							0.16	0.05
Tunisia								0.00
United Kingdom							0.07	0.03
United States	8.84				7.51	0.45		3.27
Uruguay							0.00	0.01
"Missing 9"	0.58						1.00	1.49
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 45: Shares of world's top 30 white varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Trebbiano Toscano</i>	<i>Graševina</i>	<i>Rkatsiteli</i>	<i>Sauvignon Blanc</i>	<i>Cayetana Blanca</i>	<i>Catarratto Bianco</i>
Algeria						0.44		
Argentina		2.37	1.40					
Armenia					22.03			
Australia		13.22	0.52				1.99	0.19
Austria				8.91			0.65	
Brazil		0.62	1.30	1.67			0.26	
Bulgaria		1.94	1.90	3.75	9.82		0.42	
Canada		11.45					1.74	
Chile		6.73					5.85	
Croatia				27.00				
Cyprus								
Czechia		5.00		11.00				
France		4.22	10.45				2.42	
Georgia					52.76			
Germany		0.51						
Greece		0.07	1.46				0.31	
Hungary		3.40		7.69			0.37	
Israel		2.92					5.42	
Italy		1.84	6.20	0.32			0.52	7.97
Korea Rep.								
Luxembourg		0.59						
Moldova		5.71				12.81	9.07	
Morocco								
New Zealand		28.03					24.37	
Portugal			0.19					
Romania		0.62		6.76	0.23		2.08	
Russia		2.91			23.35			
Serbia				48.00				
Slovakia		4.00		25.00				
Slovenia		6.60		15.20			5.20	
South Africa		6.48	0.16				5.80	
Spain	32.83	0.15	0.00	0.16			0.04	4.70
Switzerland		1.50					0.25	
Taiwan								
Tunisia								
United Kingdom		7.79						
United States		20.37	0.09				2.39	
Uruguay		1.60					1.60	
"Missing 9"		3.89			13.15		2.97	
<b>Total</b>	<b>7.94</b>	<b>2.98</b>	<b>2.81</b>	<b>1.89</b>	<b>1.38</b>	<b>1.33</b>	<b>1.14</b>	<b>1.04</b>

Table 45 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Macabeo</i>	<i>Chenin Blanc</i>	<i>Riesling</i>	<i>Colombard</i>	<i>Aligoté</i>	<i>Müller-Thurgau</i>	<i>Palomino Fino</i>	<i>Blanc à Petits Grains</i>
Algeria								
Argentina	0.00	1.75	0.08				0.11	0.08
Armenia								4.69
Australia		0.64	2.40	1.38			0.10	0.16
Austria			3.39			6.78		0.30
Brazil								
Bulgaria			0.67		1.73			
Canada			5.67					
Chile		0.07	0.25					
Croatia								
Cyprus								
Czechia			7.00			14.00		
France	0.60	1.14	0.39	0.80	0.20	0.00	0.05	0.80
Georgia					0.26			
Germany			21.44			19.87		0.08
Greece								4.38
Hungary			1.86			3.77		1.77
Israel		2.09		10.01				
Italy			0.09			0.16		2.04
Korea Rep.								
Luxembourg			12.98			34.05		
Moldova			1.49		17.57	0.19		0.19
Morocco								
New Zealand		1.47	4.93			4.21	0.21	
Portugal								0.69
Romania					3.42			0.46
Russia			2.44		3.23			
Serbia								
Slovakia						12.00		
Slovenia								
South Africa		24.09	0.51	12.21			1.74	0.83
Spain	3.63	0.01	0.01				2.34	0.02
Switzerland		0.01	0.05		0.13	4.56		0.29
Taiwan								
Tunisia								
United Kingdom								
United States		4.80	1.12	10.25			0.18	0.29
Uruguay								
"Missing 9"		0.26	2.84	0.01	8.62	0.15	0.09	1.22
<b>Total</b>	<b>0.98</b>	<b>0.94</b>	<b>0.89</b>	<b>0.79</b>	<b>0.73</b>	<b>0.69</b>	<b>0.62</b>	<b>0.61</b>

Table 45 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2000 (%)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Sémillon</i>	<i>Fetească Albă</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Pedro Ximénez</i>	<i>Pinot Blanc</i>	<i>Garganega</i>
Algeria							0.02	0.00
Argentina	2.79	0.52						
Armenia								
Australia	1.91	5.00				0.07		
Austria				36.04			6.05	
Brazil	1.53	0.73						
Bulgaria								
Canada							1.71	
Chile		1.66				2.09	0.01	
Croatia								
Cyprus					15.00			
Czechia								
France	0.35	1.62					0.16	
Georgia							0.46	
Germany							2.30	
Greece		0.04						
Hungary			1.12	1.54				
Israel	4.17							
Italy	0.18	0.00			0.02	3.06		0.78
Korea Rep.							2.60	
Luxembourg							10.24	
Moldova			4.82				0.39	
Morocco	7.40							
New Zealand		2.30						
Portugal	0.25			8.20				
Romania							5.32	
Russia								
Serbia								
Slovakia			2.00	19.00			4.00	
Slovenia								
South Africa	4.32	1.10					0.04	
Spain	0.52					1.25		
Switzerland		0.02					0.51	
Taiwan								
Tunisia								
United Kingdom								
United States	1.15	0.40					0.25	
Uruguay								
"Missing 9"		0.48				0.00	0.30	
<b>Total</b>	<b>0.61</b>	<b>0.54</b>	<b>0.49</b>	<b>0.48</b>	<b>0.40</b>	<b>0.35</b>	<b>0.35</b>	<b>0.34</b>

Table 45 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2000 (%)

Country	Niagara	Pedro Giménez	Fernão Pires	Chasselas	Melon	Malvasia		Total White	Total
						Bianca di Candia	Other White		
Algeria						0.00	0.00	100	
Argentina		7.53				13.64	30.72	100	
Armenia						73.28	100.00	100	
Australia						13.17	40.76	100	
Austria						9.72	71.84	100	
Brazil	25.43					8.43	39.97	100	
Bulgaria						19.06	39.30	100	
Canada	5.43					15.74	41.74	100	
Chile			0.35			6.71	23.72	100	
Croatia						47.63	74.63	100	
Cyprus						20.00	20.00	100	
Czechia						18.00	70.00	100	
France		0.11		1.53		5.63	30.48	100	
Georgia						34.28	87.75	100	
Germany			1.15			26.84	72.19	100	
Greece						40.97	47.24	100	
Hungary			2.19			47.26	70.96	100	
Israel						14.17	38.78	100	
Italy			0.00		1.87	19.64	47.29	100	
Korea Rep.							0.00	100	
Luxembourg						25.67	83.53	100	
Moldova						5.68	57.95	100	
Morocco						3.52	10.91	100	
New Zealand			0.25			4.47	70.25	100	
Portugal		6.93				33.75	41.81	100	
Romania						49.45	71.21	100	
Russia						43.75	81.00	100	
Serbia			5.00			16.00	69.00	100	
Slovakia						17.00	83.00	100	
Slovenia						47.00	74.00	100	
South Africa		0.36				6.47	64.11	100	
Spain			0.00			15.35	61.02	100	
Switzerland			35.72			3.34	46.40	100	
Taiwan						46.00	46.00	100	
Tunisia							0.00	100	
United Kingdom						69.30	77.09	100	
United States	0.77					0.55	2.14	44.75	100
Uruguay							0.46	3.66	100
"Missing 9"	0.11						10.43	44.53	100
<b>Total</b>	<b>0.31</b>	<b>0.30</b>	<b>0.30</b>	<b>0.27</b>	<b>0.27</b>	<b>0.26</b>	<b>17.15</b>	<b>49.18</b>	<b>100</b>

Table 46: National winegrape area for world's top 30 white varieties, 2010 (hectares)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Graševina</i>	<i>Rkatsiteli</i>	<i>Riesling</i>	<i>Macabeo</i>
Algeria								
Argentina		6584	2297	2425			110	2
Armenia						2469		
Australia		27773	6467	86			4114	
Austria		1380	845		3462		1852	
Brazil		377	45	149	200		9	
Bulgaria		2457		723		3121		
Canada		1178	320	2			871	
Chile		13082	12159				367	
China		738	1				437	
Croatia		668	249	210	4701	57	676	
Cyprus		128						
Czechia		766	804		1148		1181	
Ethiopia								
France		45243	27931	83445			3513	2446
Georgia					25324			
Germany		1228	518				22429	
Greece		586	256	298			2	
Hungary		2757	907		4664		1304	
Israel		142	263					
Italy		19709	3744	22702	1568		446	
Japan		602					11	
Kazakhstan						3552	111	
Korea Rep.								
Luxembourg		16					121	
Mexico			120					
Moldova		5134	8151			11508	1343	
Morocco								
Myanmar		1	22					
New Zealand		3911	16205				979	
Peru		1						
Portugal		803	171	212			18	
Romania		1067	4157	11	7530	356		
Russia		1981	951	66		702	882	
Serbia					33120			
Slovakia		310	208		1655		605	
Slovenia		1208	1061		2360		676	
South Africa		8278	9551	74			211	
Spain	252364	6958	4011	45	791		161	38417
Switzerland		321	134				12	
Taiwan								
Thailand								
Tunisia								
Turkey		142	146				3	
Ukraine		2985	3123			11552	2702	
United Kingdom		235	3				1	
United States		40846	6584	80			4852	
Uruguay		149	147	762			15	
<b>Total</b>	<b>252364</b>	<b>199743</b>	<b>111552</b>	<b>111290</b>	<b>61200</b>	<b>58641</b>	<b>50014</b>	<b>40864</b>

Table 46 (cont.) National winegrape area for world's top 30 white varieties, 2010 (hectares)

<i>Country</i>	<i>Cayetana Blanca</i>	<i>Aligoté</i>	<i>Chenin Blanc</i>	<i>Catarratto Bianco</i>	<i>Colombard</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Muscat of Alexandria</i>	<i>Müller-Thurgau</i>
Algeria			2851			139	4035	
Argentina						526		
Armenia			541		2205	533	2043	
Australia						492		2044
Austria								
Brazil	0	18			46	1005	7	
Bulgaria								
Canada			7					7
Chile			57				1090	
China			10					
Croatia						56		60
Cyprus							120	
Czechia								1572
Ethiopia			54					
France	1953		9825		8173	7671	2603	5
Georgia		124						
Germany						190		13638
Greece						2162		
Hungary	0	6				709		2098
Israel		101			486		202	
Italy		45		34794		11506	1521	1312
Japan								172
Kazakhstan		277						
Korea Rep.								
Luxembourg								184
Mexico			275			246		
Moldova	15790					172		173
Morocco							3669	
Myanmar			1			7		
New Zealand			50					79
Peru			2			361		
Portugal	148		0			535	647	
Romania		7297				840		0
Russia		1029				145	21	106
Serbia								
Slovakia						48		932
Slovenia						353		
South Africa			18515		11990	689	2167	
Spain	39633		100		4	1291	8237	
Switzerland		23	6			49		493
Taiwan								
Thailand			13		11	3		
Tunisia								
Turkey						114		
Ukraine		9627				674		
United Kingdom								43
United States			3221	68	10025	733	1285	
Uruguay			7		4	10		
<b>Total</b>	<b>39781</b>	<b>36120</b>	<b>35703</b>	<b>34863</b>	<b>32944</b>	<b>31259</b>	<b>27648</b>	<b>22917</b>

Table 46 (cont.) National winegrape area for world's top 30 white varieties, 2010 (hectares)

<i>Country</i>	<i>Palomino Fino</i>	<i>Sémillon</i>	<i>Grüner Veltliner</i>	<i>Prosecco</i>	<i>Fetească Albă</i>	<i>Verdejo</i>	<i>Trebbiano Romagnolo</i>	<i>Garganega</i>
Algeria								
Argentina	163	956		10				21
Armenia								
Australia		6112						
Austria			13519					
Brazil		24		173				0
Bulgaria								
Canada		19						
Chile		846						
China		1						
Croatia								
Cyprus								
Czechia			1527					
Ethiopia								
France	134	11566						
Georgia								
Germany								
Greece		8						
Hungary		58	1533					
Israel								
Italy		31	165	18255			15893	15375
Japan								
Kazakhstan								
Korea Rep.								
Luxembourg								
Mexico		109						
Moldova					4334			
Morocco								
Myanmar								
New Zealand	14	201						
Peru								
Portugal	3033	89						
Romania		18	0		12916			
Russia		25						
Serbia								
Slovakia			2091		219			
Slovenia								
South Africa	270	1192						
Spain	18836		5		16578			
Switzerland								
Taiwan								
Thailand								
Tunisia								
Turkey		547						
Ukraine								
United Kingdom								
United States	135	436						
Uruguay		24						
<b>Total</b>	<b>22693</b>	<b>22157</b>	<b>18834</b>	<b>18437</b>	<b>17469</b>	<b>16578</b>	<b>15893</b>	<b>15397</b>

Table 46 (cont.) National winegrape area for world's top 30 white varieties, 2010 (hectares)

<i>Country</i>	<i>Pinot Blanc</i>	<i>Gewürztraminer</i>	<i>Pedro Giménez</i>	<i>Fetească Regală</i>	<i>Chasselas</i>	<i>Melon</i>	<i>Other White</i>	<i>Total White</i>
Algeria								0
Argentina	27		13384			1	24586	57591
Armenia							8211	11206
Australia		834					5583	56292
Austria	1914		309				3073	28890
Brazil	1		13		3		6454	8523
Bulgaria		747					9383	16431
Canada	125		404		5		2032	4971
Chile	10		316	118		88	2275	30408
China	2		5					1193
Croatia	188		234			21	6273	13394
Cyprus							2653	2901
Czechia	732		601				1190	9521
Ethiopia							4	58
France	1280		3168		2362	12305	45955	269578
Georgia	219						16455	42122
Germany	3939				1132		16758	59832
Greece							16862	20174
Hungary	237				1892		26171	42335
Israel							687	1881
Italy	3086		1408		34		100664	252260
Japan							498	1282
Kazakhstan							1658	5598
Korea Rep.								0
Luxembourg	162		20				554	1057
Mexico							1306	2056
Moldova	350		2731				2375	52061
Morocco							1678	5347
Myanmar								31
New Zealand	16		311		2		1004	22772
Peru							1168	1532
Portugal	22		0		76		47935	53689
Romania	0		385	12905			68417	115899
Russia	695				21		9131	15755
Serbia					3450		11040	47609
Slovakia	523		265	231			1374	8460
Slovenia	525						4388	10571
South Africa	14		122				3629	56704
Spain			301		20		81575	469322
Switzerland	105		49		4013		819	6029
Taiwan							1303	1303
Thailand							17	44
Tunisia								0
Turkey							3229	4179
Ukraine	338		961				3496	35458
United Kingdom	23		1				428	734
United States	269		1144				9888	79566
Uruguay	9		24				342	1493
<b>Total</b>	<b>14812</b>	<b>14355</b>	<b>13502</b>	<b>13136</b>	<b>13119</b>	<b>12306</b>	<b>552521</b>	<b>1928113</b>

Table 47: National shares of global winegrape area for world's top 30 white varieties, 2010 (%)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Graševina</i>	<i>Rkatsiteli</i>	<i>Riesling</i>	<i>Macabeo</i>
Algeria								
Argentina		3.30	2.06	2.18			0.22	0.00
Armenia						4.21		
Australia		13.90	5.80	0.08			8.23	
Austria		0.69	0.76		5.66		3.70	
Brazil		0.19	0.04	0.13	0.33		0.02	
Bulgaria		1.23		0.65		5.32		
Canada		0.59	0.29	0.00			1.74	
Chile		6.55	10.90				0.73	
China		0.37	0.00				0.87	
Croatia		0.33	0.22	0.19	7.68	0.10	1.35	
Cyprus		0.06						
Czechia		0.38	0.72		1.88		2.36	
Ethiopia								
France		22.65	25.04	74.98			7.02	5.98
Georgia					43.18			
Germany		0.61	0.46				44.85	
Greece		0.29	0.23	0.27			0.00	
Hungary		1.38	0.81		7.62		2.61	
Israel		0.07	0.24					
Italy		9.87	3.36	20.40	2.56		0.89	
Japan		0.30					0.02	
Kazakhstan						6.06	0.22	
Korea Rep.								
Luxembourg		0.01					0.24	
Mexico			0.11					
Moldova		2.57	7.31			19.62	2.69	
Morocco								
Myanmar		0.00	0.02					
New Zealand		1.96	14.53				1.96	
Peru		0.00						
Portugal		0.40	0.15	0.19			0.04	
Romania		0.53	3.73	0.01	12.30	0.61		
Russia		0.99	0.85	0.06		1.20	1.76	
Serbia					54.12			
Slovakia		0.16	0.19		2.70		1.21	
Slovenia		0.60	0.95		3.86		1.35	
South Africa		4.14	8.56	0.07			0.42	
Spain	100.00	3.48	3.60	0.04	1.29		0.32	94.01
Switzerland		0.16	0.12				0.02	
Taiwan								
Thailand								
Tunisia								
Turkey		0.07	0.13				0.00	
Ukraine		1.49	2.80			19.70	5.40	
United Kingdom		0.12	0.00				0.00	
United States		20.45	5.90	0.07			9.70	
Uruguay		0.07	0.13	0.68			0.03	
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 47 (cont.) National shares of global winegrape area for world's top 30 white varieties, 2010 (%)

<i>Country</i>	<i>Cayetana Blanca</i>	<i>Aligoté</i>	<i>Chenin Blanc</i>	<i>Catarratto Bianco</i>	<i>Colombard</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Muscat of Alexandria</i>	<i>Müller-Thurgau</i>
Algeria			7.98			0.45	14.60	
Argentina						1.68		
Armenia						1.70	7.39	
Australia			1.52		6.69	1.57		
Austria						3.22	0.02	8.92
Brazil	0.00	0.05			0.14			
Bulgaria								
Canada			0.02					0.03
Chile			0.16				3.94	
China			0.03					
Croatia						0.18		0.26
Cyprus							0.43	
Czechia								6.86
Ethiopia			0.15					
France	5.41	27.52			24.81	24.54	9.41	0.02
Georgia	0.34							
Germany						0.61		59.51
Greece						6.92		
Hungary	0.00	0.02				2.27		9.16
Israel		0.28			1.47		0.73	
Italy		0.13		99.80		36.81	5.50	5.73
Japan								0.75
Kazakhstan	0.77							
Korea Rep.								
Luxembourg								0.80
Mexico			0.77			0.79		
Moldova	43.72					0.55		0.75
Morocco							13.27	
Myanmar			0.00			0.02		
New Zealand			0.14					0.34
Peru			0.01			1.15		
Portugal	0.37		0.00			1.71	2.34	
Romania		20.20				2.69		0.00
Russia		2.85				0.46	0.08	0.46
Serbia								
Slovakia						0.15		4.07
Slovenia						1.13		
South Africa			51.86		36.40	2.20	7.84	
Spain	99.63		0.28		0.01	4.13	29.79	
Switzerland		0.06	0.02			0.16		2.15
Taiwan								
Thailand			0.04		0.03	0.01		
Tunisia								
Turkey						0.36		
Ukraine		26.65				2.16		
United Kingd								0.19
United States			9.02	0.20	30.43	2.34	4.65	
Uruguay			0.02		0.01	0.03		
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 47 (cont.) National shares of global winegrape area for world's top 30 white varieties, 2010 (%)

<i>Country</i>	<i>Palomino Fino</i>	<i>Sémillon</i>	<i>Grüner Veltliner</i>	<i>Prosecco</i>	<i>Fetească Albă</i>	<i>Verdejo</i>	<i>Trebbiano Romagnolo</i>	<i>Garganega</i>
Algeria								
Argentina	0.72	4.31			0.05			0.14
Armenia								
Australia		27.59						
Austria			71.78					
Brazil		0.11			0.94			0.00
Bulgaria								
Canada		0.09						
Chile		3.82						
China		0.00						
Croatia								
Cyprus								
Czechia			8.11					
Ethiopia								
France	0.59	52.20						
Georgia								
Germany								
Greece		0.04						
Hungary		0.26	8.14					
Israel								
Italy		0.14	0.88	99.01			100.00	99.86
Japan								
Kazakhstan								
Korea Rep.								
Luxembourg								
Mexico		0.48						
Moldova					24.81			
Morocco								
Myanmar								
New Zealand	0.06	0.91						
Peru								
Portugal	13.36	0.40						
Romania		0.08	0.00		73.94			
Russia		0.11						
Serbia								
Slovakia			11.10		1.25			
Slovenia								
South Africa	1.19	5.38						
Spain	83.00					100.00		
Switzerland		0.02						
Taiwan								
Thailand								
Tunisia								
Turkey		2.47						
Ukraine								
United Kingdom								
United States	0.59	1.97						
Uruguay		0.11						
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 47 (cont.) National shares of global winegrape area for world's top 30 white varieties, 2010 (%)

<i>Country</i>	<i>Pinot Blanc</i>	<i>Gewürztraminer</i>	<i>Pedro Giménez</i>	<i>Fetească Regală</i>	<i>Chasselas</i>	<i>Melon</i>	<i>Other White</i>	<i>Total White</i>
Algeria								0.00
Argentina	0.18		99.13			0.01	4.45	2.99
Armenia							1.49	0.58
Australia		5.81					1.01	2.92
Austria	12.93	2.15					0.56	1.50
Brazil	0.01	0.09			0.02		1.17	0.44
Bulgaria		5.20					1.70	0.85
Canada	0.85	2.81			0.04		0.37	0.26
Chile	0.07	2.20	0.87		0.67		0.41	1.58
China	0.01	0.04						0.06
Croatia	1.27	1.63			0.16		1.14	0.69
Cyprus							0.48	0.15
Czechia	4.94	4.19					0.22	0.49
Ethiopia							0.00	0.00
France	8.64	22.07			18.01	99.99	8.32	13.98
Georgia	1.48						2.98	2.18
Germany	26.59				8.63		3.03	3.10
Greece							3.05	1.05
Hungary	1.60				14.42		4.74	2.20
Israel							0.12	0.10
Italy	20.83	9.81			0.26		18.22	13.08
Japan							0.09	0.07
Kazakhstan							0.30	0.29
Korea Rep.								0.00
Luxembourg	1.09	0.14					0.10	0.05
Mexico							0.24	0.11
Moldova	2.36	19.02					0.43	2.70
Morocco							0.30	0.28
Myanmar								0.00
New Zealand	0.11	2.17			0.02		0.18	1.18
Peru							0.21	0.08
Portugal	0.15	0.00			0.58		8.68	2.78
Romania	0.00	2.68		98.24			12.38	6.01
Russia	4.69				0.16		1.65	0.82
Serbia					26.30		2.00	2.47
Slovakia	3.53	1.85		1.76			0.25	0.44
Slovenia	3.54						0.79	0.55
South Africa	0.10	0.85					0.66	2.94
Spain		2.10			0.15		14.76	24.34
Switzerland	0.71	0.34			30.59		0.15	0.31
Taiwan							0.24	0.07
Thailand							0.00	0.00
Tunisia								0.00
Turkey							0.58	0.22
Ukraine	2.28	6.70					0.63	1.84
United Kingdom	0.16	0.01					0.08	0.04
United States	1.82	7.97					1.79	4.13
Uruguay	0.06	0.17					0.06	0.08
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 48: Shares of world's top 30 white varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Graševina</i>	<i>Rkatsiteli</i>	<i>Riesling</i>	<i>Macabeo</i>
Algeria								
Argentina		3.09	1.08	1.14			0.05	0.00
Armenia						22.03		
Australia		18.30	4.26	0.06			2.71	
Austria		3.03	1.86		7.60		4.07	
Brazil		0.76	0.09	0.30	0.41		0.02	
Bulgaria		4.38		1.29		5.56		
Canada		11.67	3.17	0.02			8.63	
Chile		11.73	10.90				0.33	
China		2.50	0.00				1.48	
Croatia		3.22	1.20	1.01	22.65	0.27	3.26	
Cyprus		1.49						
Czechia		4.72	4.95		7.07		7.27	
Ethiopia								
France		5.41	3.34	9.99			0.42	0.29
Georgia						52.76		
Germany		1.20	0.51				21.96	
Greece		1.08	0.47	0.55			0.00	
Hungary		3.95	1.30		6.69		1.87	
Israel		2.92	5.42					
Italy		3.15	0.60	3.63	0.25		0.07	
Japan		16.19					0.30	
Kazakhstan						51.20	1.60	
Korea Rep.								
Luxembourg		1.23					9.28	
Mexico			2.20					
Moldova		5.71	9.07			12.81	1.49	
Morocco								
Myanmar		1.50	29.23					
New Zealand		12.24	50.70				3.06	
Peru		0.03						
Portugal		0.49	0.10	0.13			0.01	
Romania		0.63	2.44	0.01	4.42	0.21		
Russia		7.73	3.71	0.26		2.74	3.44	
Serbia					48.00			
Slovakia		2.45	1.65		13.10		4.79	
Slovenia		7.39	6.49		14.43		4.13	
South Africa		8.20	9.45	0.07			0.21	
Spain	24.54	0.68	0.39	0.00	0.08		0.02	3.74
Switzerland		2.17	0.90				0.08	
Taiwan								
Thailand								
Tunisia								
Turkey		1.10	1.13				0.02	
Ukraine		5.71	5.97			22.09	5.17	
United Kingdom		19.62	0.25				0.08	
United States		17.92	2.89	0.03			2.13	
Uruguay		1.95	1.92	9.95			0.20	
<b>Total</b>	<b>5.47</b>	<b>4.33</b>	<b>2.42</b>	<b>2.41</b>	<b>1.33</b>	<b>1.27</b>	<b>1.08</b>	<b>0.89</b>

Table 48 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Cayetana Blanca</i>	<i>Aligoté</i>	<i>Chenin Blanc</i>	<i>Catarratto Bianco</i>	<i>Colombard</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Muscat of Alexandria</i>	<i>Müller-Thurgau</i>
Algeria								
Argentina			1.34			0.07	1.89	
Armenia						4.69		
Australia			0.36		1.45	0.35	1.35	
Austria						1.08		4.49
Brazil	0.00	0.04			0.09	2.03	0.01	
Bulgaria								
Canada			0.07					0.07
Chile			0.05				0.98	
China			0.03					
Croatia						0.27		0.29
Cyprus							1.39	
Czechia								9.68
Ethiopia			31.92					
France	0.23	1.18			0.98	0.92	0.31	0.00
Georgia	0.26							
Germany						0.19		13.35
Greece						3.97		
Hungary	0.00	0.01				1.02		3.01
Israel		2.09			10.01		4.17	
Italy		0.01		5.56		1.84	0.24	0.21
Japan								4.62
Kazakhstan	3.99							
Korea Rep.								
Luxembourg								14.11
Mexico			5.03			4.50		
Moldova	17.57					0.19		0.19
Morocco								7.49
Myanmar			0.81			9.46		
New Zealand			0.16					0.25
Peru			0.05			9.42		
Portugal	0.09		0.00			0.33	0.40	
Romania		4.28				0.49		0.00
Russia		4.02				0.57	0.08	0.41
Serbia								
Slovakia						0.38		7.37
Slovenia						2.16		
South Africa			18.33		11.87	0.68	2.15	
Spain	3.85		0.01		0.00	0.13	0.80	
Switzerland		0.15	0.04			0.33		3.32
Taiwan								
Thailand			8.86		7.48	2.19		
Tunisia								
Turkey						0.88		
Ukraine		18.41				1.29		
United Kingd								3.59
United States			1.41	0.03	4.40	0.32	0.56	
Uruguay			0.09		0.05	0.13		
<b>Total</b>	<b>0.86</b>	<b>0.78</b>	<b>0.77</b>	<b>0.76</b>	<b>0.71</b>	<b>0.68</b>	<b>0.60</b>	<b>0.50</b>

Table 48 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Palomino Fino</i>	<i>Sémillon</i>	<i>Grüner Veltliner</i>	<i>Prosecco</i>	<i>Fetească Albă</i>	<i>Verdejo</i>	<i>Trebbiano Romagnolo</i>	<i>Garganega</i>
Algeria								
Argentina	0.08	0.45		0.00				0.01
Armenia								
Australia		4.03						
Austria			29.69					
Brazil		0.05		0.35				0.00
Bulgaria								
Canada		0.19						
Chile		0.76						
China		0.00						
Croatia								
Cyprus								
Czechia			9.40					
Ethiopia								
France	0.02	1.38						
Georgia								
Germany								
Greece		0.01						
Hungary		0.08	2.20					
Israel								
Italy		0.00	0.03	2.92			2.54	2.46
Japan								
Kazakhstan								
Korea Rep.								
Luxembourg								
Mexico	1.99							
Moldova					4.82			
Morocco								
Myanmar								
New Zealand	0.04	0.63						
Peru								
Portugal	1.85	0.05						
Romania		0.01	0.00		7.58			
Russia		0.10						
Serbia								
Slovakia			16.54		1.73			
Slovenia								
South Africa	0.27	1.18						
Spain	1.83					1.61		
Switzerland		0.03						
Taiwan								
Thailand								
Tunisia								
Turkey		4.25						
Ukraine								
United Kingdom								
United States	0.06	0.19						
Uruguay		0.31						
<b>Total</b>	<b>0.49</b>	<b>0.48</b>	<b>0.41</b>	<b>0.40</b>	<b>0.38</b>	<b>0.36</b>	<b>0.34</b>	<b>0.33</b>

Table 48 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2010 (%)

<i>Country</i>	<i>Pinot Blanc</i>	<i>Gewürztraminer</i>	<i>Pedro Giménez</i>	<i>Fetească Regală</i>	<i>Chasselas</i>	<i>Melon</i>	<i>Other White</i>	<i>Total White</i>	<i>Total</i>	
Algeria								0.00	100	
Argentina	0.01			6.27		0.00	11.52	26.99	100	
Armenia							73.28	100.00	100	
Australia		0.55					3.68	37.09	100	
Austria	4.20	0.68					6.75	63.45	100	
Brazil	0.00	0.03			0.01		13.06	17.25	100	
Bulgaria		1.33					16.72	29.27	100	
Canada	1.24	4.00				0.05	20.13	49.23	100	
Chile	0.01	0.28	0.11			0.08	2.04	27.27	100	
China	0.01	0.02						4.04	100	
Croatia	0.90	1.13				0.10	30.23	64.54	100	
Cyprus							30.82	33.70	100	
Czechia	4.51	3.70					7.33	58.62	100	
Ethiopia							2.54	34.46	100	
France	0.15	0.38				0.28	1.47	5.50	100	
Georgia	0.46						34.28	87.75	100	
Germany	3.86					1.11		16.41	58.58	100
Greece								31.00	37.09	100
Hungary	0.34					2.71		37.54	60.73	100
Israel								14.17	38.78	100
Italy	0.49	0.23				0.01		16.09	40.32	100
Japan								13.39	34.51	100
Kazakhstan								23.90	80.68	100
Korea Rep.									0.00	100
Luxembourg	12.42	1.53						42.48	81.05	100
Mexico								23.89	37.62	100
Moldova	0.39	3.04						2.64	57.95	100
Morocco								3.43	10.91	100
Myanmar									41.01	100
New Zealand	0.05	0.97				0.01		3.14	71.24	100
Peru								30.49	39.99	100
Portugal	0.01	0.00					0.05	29.31	32.83	100
Romania	0.00	0.23		7.58				40.18	68.06	100
Russia	2.71						0.08	35.63	61.47	100
Serbia							5.00	16.00	69.00	100
Slovakia	4.14	2.10		1.83				10.87	66.95	100
Slovenia	3.21							26.83	64.64	100
South Africa	0.01	0.12						3.59	56.13	100
Spain		0.03				0.00		7.93	45.64	100
Switzerland	0.71	0.33				27.08		5.53	40.68	100
Taiwan								46.00	46.00	100
Thailand								11.26	29.79	100
Tunisia									0.00	100
Turkey								25.11	32.51	100
Ukraine	0.65	1.84						6.69	67.81	100
United King	1.92	0.08						35.73	61.27	100
United State	0.12	0.50						4.34	34.91	100
Uruguay	0.12	0.31						4.47	19.50	100
<b>Total</b>	<b>0.32</b>	<b>0.31</b>	<b>0.29</b>	<b>0.28</b>		<b>0.28</b>	<b>0.27</b>	<b>11.97</b>	<b>41.79</b>	<b>100</b>

Table 49: National winegrape area for world's top 30 white varieties, 2016 (hectares)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Riesling</i>	<i>Rkatsiteli</i>	<i>Macabeo</i>	<i>Cayetana Blanca</i>
Algeria								
Argentina		6227	2148	1622	93			
Armenia								
Australia		21321	6044	14	3114			17
Austria		1577	1170		2016			
Brazil		340	33	231	6			
Bulgaria		3087	637	738		5415		
Cambodia								
Canada		1417	285	2	1188			
Chile		11435	14999		413			
China		6100	2000	1500	1600			
Croatia		657			625			
Cyprus								
Czechia		820	906		1172			
Ethiopia								
France		47451	28084	78842	4025		1657	
Georgia						25324		
Germany		1485	736		21540			
Greece		673	727	211	1			
Hungary		2464	982		1261			
India		100	500	300				
Israel		165	110					
Italy		19769	3935	35441	1461			
Japan		137	15		22			
Kazakhstan					111	3552		
Korea Rep.								
Lebanon		1000	500					
Luxembourg		30			162			
Mexico			120					
Moldova		4133	6909	277	1701	3898		
Morocco	440	880	440					
Myanmar		2	22					
New Zealand		3117	20497		767			
N. Macedonia		750	185		900	460		
Norway					620			
Peru		1						
Portugal		547	102	122	13		132	
Romania		1878	5594	3	6121	413		
Russia		3481	2501	66	2232	6477		
Serbia		1455	741		1361	60		
Slovakia					620			
Slovenia		1181	1121		607			
South Africa		6856	9246	156	152		4	
Spain	203276	6866	4562	49	184		36963	36252
Switzerland		359	170		19			
Taiwan								
Thailand								
Tunisia	85	170	85					
Turkey		177	153		3			
Ukraine		1500	1550		1350	5775		
United Kingdom		531						
United States		41392	6747	88	4952			
Uruguay		119	144	682	12			
<b>Total</b>	<b>203801</b>	<b>201649</b>	<b>124700</b>	<b>120343</b>	<b>59805</b>	<b>51374</b>	<b>38625</b>	<b>36401</b>

Table 49 (cont.) National winegrape area for world's top 30 white varieties, 2016 (hectares)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Chenin Blanc</i>	<i>Colombard</i>	<i>Catarratto Bianco</i>	<i>Aligoté</i>	<i>Graševina</i>	<i>Palomino Fino</i>
Algeria	200							
Argentina	2716	94	2157					104
Armenia								
Australia	2179	857	406	1789				19
Austria		823						
Brazil	6	32	7	22				188
Bulgaria						285		
Cambodia								
Canada			6			30		
Chile	5424	1	39					
China	3000						3000	
Croatia							4459	
Cyprus								
Czechia							1114	
Ethiopia			54					
France	2462	7333	9432	8441		1927		41
Georgia						124		
Germany		240						
Greece	773	1568						
Hungary		762	6			0	3933	
India	100							
Israel	220			220				
Italy	1375	13334	7		28563		1259	
Japan						277		
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		1						
Mexico		246	275					109
Moldova		50				7765		
Morocco	2093							
Myanmar		7						
New Zealand		0	24					7
N. Macedonia		400					270	
Norway								
Peru		361	2					
Portugal	509	1031	0					2594
Romania		1579				5840	1437	
Russia	21	483				5843		
Serbia		31					2037	
Slovakia							456	
Slovenia		586					1935	
South Africa	1781	839	17707	11512				134
Spain	9534	1350	106	6			1064	20110
Switzerland		36	8			24		0
Taiwan								
Thailand			16	15				
Tunisia	405							
Turkey		129						
Ukraine		338				4814		
United Kingdom								
United States	1987	1218	1969	7991	50			70
Uruguay	22	10	2					
<b>Total</b>	<b>34805</b>	<b>33739</b>	<b>32221</b>	<b>29996</b>	<b>28613</b>	<b>26929</b>	<b>24384</b>	<b>23190</b>

Table 49 (cont.) National winegrape area for world's top 30 white varieties, 2016 (hectares)

<i>Country</i>	<i>Prosecco</i>	<i>Müller-Thurgau</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Sémillon</i>	<i>Verdejo</i>	<i>Viognier</i>	<i>Pedro Giménez</i>
Algeria								
Argentina	11		7		767		773	11197
Armenia								
Australia	160	1	9		4556	6	753	
Austria		1777	14376					
Brazil	207				6		11	
Bulgaria								
Cambodia								
Canada		6	3		19		101	
Chile					849	2	839	4379
China								
Croatia								
Cyprus								
Czechia		1479	1538					
Ethiopia								
France		2			10234			8823
Georgia								
Germany		11664	14					
Greece					11			
Hungary		1670	1381		43			13
India								
Israel								
Italy	19730	1296	55	19059	13			1827
Japan		22						
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		316						
Mexico								
Moldova		4			3			31
Morocco								
Myanmar								
New Zealand		2	43		63			129
N. Macedonia								
Norway								
Peru								
Portugal					76			125
Romania		0	0		18			20
Russia		106			25			
Serbia								
Slovakia		509	1627					
Slovenia		128						
South Africa			4		1121			822
Spain					2	17923		213
Switzerland		465	1		4			44
Taiwan								1
Thailand								
Tunisia								
Turkey					529			15
Ukraine								
United Kingdom		15						
United States		39	60		340			1481
Uruguay					14			41
<b>Total</b>	<b>20109</b>	<b>19501</b>	<b>19118</b>	<b>19059</b>	<b>18693</b>	<b>17931</b>	<b>16063</b>	<b>15576</b>

Table 49 (cont.) National winegrape area for world's top 30 white varieties, 2016 (hectares)

<i>Country</i>	<i>Pinot Blanc</i>	<i>Fetească Albă</i>	<i>Fetească Regală</i>	<i>Gewürztraminer</i>	<i>Muscat Ottonel</i>	<i>Fernão Pires</i>	<i>Other White</i>	<i>Total White</i>
Algeria							100	300
Argentina	9						19748	47671
Armenia							10300	10300
Australia	5			252			3139	44641
Austria	1916				344		2391	29623
Brazil				9			4102	5199
Bulgaria				591	3679		2998	17429
Cambodia								0
Canada	109			398	32		3041	6637
Chile	18			371			5389	44160
China							8447	25647
Croatia							1600	7341
Cyprus							1946	1946
Czechia	762			591				8382
Ethiopia						4		58
France	1181			3320	172		63126	276553
Georgia	219						16454	42121
Germany	4323			824	12		14485	55323
Greece							14895	18860
Hungary	228			694	1256		23494	38187
India							1000	2000
Israel							137	852
Italy	2337			1321	0		108465	259247
Japan							959	1155
Kazakhstan							1669	5609
Korea Rep.								0
Lebanon							318	1818
Luxembourg	160			21			288	978
Mexico							1181	1931
Moldova	210	954	372	1099	1859		9631	38896
Morocco							4908	8760
Myanmar								31
New Zealand	12			277			248	25187
N. Macedonia							6986	9951
Norway							8	8
Peru							1168	1532
Portugal	15			0		12138	39591	56996
Romania	0	12428	12619	469	4779		65783	118982
Russia	865			500	34		9147	31780
Serbia				142	183		3923	9932
Slovakia	416						1057	4685
Slovenia	424				98		4474	10555
South Africa	9			106	9	73	2304	52834
Spain				373			73826	412658
Switzerland	111			51	5		4748	6045
Taiwan							55	55
Thailand							59	91
Tunisia							949	1693
Turkey							3344	4349
Ukraine	170			500				15996
United Kingdom	15						358	919
United States	263			897			9442	78987
Uruguay	2			17	2		191	1258
<b>Total</b>	<b>13779</b>	<b>13382</b>	<b>12991</b>	<b>12823</b>	<b>12464</b>	<b>12211</b>	<b>551875</b>	<b>1846150</b>

Table 50: National shares of global winegrape area for world's top 30 white varieties, 2016 (%)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Riesling</i>	<i>Rkatsiteli</i>	<i>Macabeo</i>	<i>Cayetana Blanca</i>
Algeria								
Argentina		3.09	1.72	1.35	0.16			
Armenia								
Australia		10.57	4.85	0.01	5.21			0.05
Austria		0.78	0.94		3.37			
Brazil		0.17	0.03	0.19	0.01			
Bulgaria		1.53	0.51	0.61		10.54		
Cambodia								
Canada		0.70	0.23	0.00	1.99			
Chile		5.67	12.03		0.69			
China		3.03	1.60	1.25	2.68			
Croatia		0.33			1.05			
Cyprus								
Czechia		0.41	0.73		1.96			
Ethiopia								
France		23.53	22.52	65.51	6.73			4.29
Georgia						49.29		
Germany		0.74	0.59		36.02			
Greece		0.33	0.58	0.18	0.00			
Hungary		1.22	0.79		2.11			
India		0.05	0.40	0.25				
Israel		0.08	0.09					
Italy		9.80	3.16	29.45	2.44			
Japan		0.07	0.01		0.04			
Kazakhstan					0.19	6.91		
Korea Rep.								
Lebanon		0.50	0.40					
Luxembourg		0.01			0.27			
Mexico			0.10					
Moldova		2.05	5.54	0.23	2.84	7.59		
Morocco	0.22	0.44	0.35					
Myanmar		0.00	0.02					
New Zealand		1.55	16.44		1.28			
N. Macedonia		0.37	0.15		1.50	0.90		
Norway								
Peru		0.00						
Portugal		0.27	0.08	0.10	0.02			0.36
Romania		0.93	4.49	0.00	10.23	0.80		
Russia		1.73	2.01	0.05	3.73	12.61		
Serbia		0.72	0.59		2.28	0.12		
Slovakia					1.04			
Slovenia		0.59	0.90		1.02			
South Africa		3.40	7.41	0.13	0.25			0.01
Spain	99.74	3.41	3.66	0.04	0.31		95.70	99.59
Switzerland		0.18	0.14		0.03			
Taiwan								
Thailand								
Tunisia	0.04	0.08	0.07					
Turkey		0.09	0.12		0.01			
Ukraine		0.74	1.24		2.26	11.24		
United Kingdom		0.26						
United States		20.53	5.41	0.07	8.28			
Uruguay		0.06	0.12	0.57	0.02			
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 50 (cont.): National shares of global winegrape area for world's top 30 white varieties, 2016 (%)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Chenin Blanc</i>	<i>Colombard</i>	<i>Catarratto Bianco</i>	<i>Aligoté</i>	<i>Graševina</i>	<i>Palomino Fino</i>
Algeria	0.57							
Argentina	7.80	0.28	6.69					0.45
Armenia								
Australia	6.26	2.54	1.26	5.96				0.08
Austria		2.44					13.26	
Brazil	0.02	0.09	0.02	0.07			0.77	
Bulgaria						1.06		
Cambodia								
Canada			0.02			0.11		
Chile	15.58	0.00	0.12					
China	8.62						12.30	
Croatia							18.29	
Cyprus								
Czechia							4.57	
Ethiopia			0.17					
France	7.07	21.73	29.27	28.14		7.16		0.18
Georgia						0.46		
Germany		0.71						
Greece	2.22	4.65						
Hungary		2.26	0.02			0.00	16.13	
India	0.29							
Israel	0.63			0.73				
Italy	3.95	39.52	0.02		99.82		5.16	
Japan						1.03		
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		0.00						
Mexico		0.73	0.85					0.47
Moldova		0.15				28.84		
Morocco	6.01							
Myanmar		0.02						
New Zealand		0.00	0.07					0.03
N. Macedonia		1.19					1.11	
Norway								
Peru		1.07	0.01					
Portugal	1.46	3.06	0.00					11.19
Romania		4.68				21.69	5.89	
Russia	0.06	1.43				21.70		
Serbia		0.09					8.35	
Slovakia							1.87	
Slovenia		1.74					7.93	
South Africa	5.12	2.49	54.95	38.38				0.58
Spain	27.39	4.00	0.33	0.02			4.36	86.72
Switzerland		0.11	0.02			0.09		0.00
Taiwan								
Thailand			0.05	0.05				
Tunisia	1.16							
Turkey		0.38						
Ukraine		1.00				17.87		
United Kingd								
United States	5.71	3.61	6.11	26.64	0.18			0.30
Uruguay	0.06	0.03	0.01					
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 50 (cont.): National shares of global winegrape area for world's top 30 white varieties, 2016 (%)

<i>Country</i>	<i>Prosecco</i>	<i>Müller-Thurgau</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Sémillon</i>	<i>Verdejo</i>	<i>Viognier</i>	<i>Pedro Giménez</i>
Algeria								
Argentina	0.06		0.04		4.10		4.81	71.89
Armenia								
Australia	0.80	0.00	0.05		24.37	0.04	4.69	
Austria		9.11	75.19					
Brazil	1.03				0.03		0.07	
Bulgaria								
Cambodia								
Canada		0.03	0.01		0.10		0.63	
Chile					4.54	0.01	5.23	28.11
China								
Croatia								
Cyprus								
Czechia		7.58	8.04					
Ethiopia								
France		0.01			54.74		54.93	
Georgia								
Germany		59.81	0.07					
Greece					0.06			
Hungary		8.56	7.22		0.23		0.08	
India								
Israel								
Italy	98.12	6.65	0.29	100.00	0.07		11.37	
Japan		0.11						
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		1.62						
Mexico								
Moldova		0.02			0.02		0.20	
Morocco								
Myanmar								
New Zealand		0.01	0.23		0.34		0.80	
N. Macedonia								
Norway								
Peru								
Portugal					0.41		0.78	
Romania		0.00	0.00		0.10		0.13	
Russia		0.54			0.13			
Serbia								
Slovakia		2.61	8.51					
Slovenia		0.66						
South Africa			0.02		6.00		5.12	
Spain					0.01	99.95	1.32	
Switzerland		2.39	0.00		0.02		0.28	
Taiwan								
Thailand							0.01	
Tunisia								
Turkey					2.83		0.09	
Ukraine								
United Kingdom		0.08						
United States		0.20	0.32		1.82		9.22	
Uruguay					0.07		0.26	
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 50 (cont.): National shares of global winegrape area for world's top 30 white varieties, 2016 (%)

<i>Country</i>	<i>Pinot Blanc</i>	<i>Fetească Albă</i>	<i>Fetească Regală</i>	<i>Gewürztraminer</i>	<i>Muscat Ottoman</i>	<i>Fernão Pires</i>	<i>Other White</i>	<i>Total White</i>
Algeria							0.02	0.02
Argentina	0.06						3.58	2.58
Armenia							1.87	0.56
Australia	0.04			1.96			0.57	2.42
Austria	13.91				2.76		0.43	1.60
Brazil				0.07			0.74	0.28
Bulgaria				4.61	29.51		0.54	0.94
Cambodia								0.00
Canada	0.79			3.11	0.26		0.55	0.36
Chile	0.13			2.90			0.98	2.39
China							1.53	1.39
Croatia							0.29	0.40
Cyprus							0.35	0.11
Czechia	5.53			4.61				0.45
Ethiopia							0.00	0.00
France	8.57			25.89	1.38		11.44	14.98
Georgia	1.59						2.98	2.28
Germany	31.37			6.43	0.10		2.62	3.00
Greece							2.70	1.02
Hungary	1.66			5.41	10.08		4.26	2.07
India							0.18	0.11
Israel							0.02	0.05
Italy	16.96			10.30	0.00		19.65	14.04
Japan							0.17	0.06
Kazakhstan							0.30	0.30
Korea Rep.								0.00
Lebanon							0.06	0.10
Luxembourg	1.16			0.16			0.05	0.05
Mexico							0.21	0.10
Moldova	1.52	7.13	2.86	8.57	14.91		1.75	2.11
Morocco							0.89	0.47
Myanmar								0.00
New Zealand	0.08			2.16			0.04	1.36
N. Macedonia							1.27	0.54
Norway							0.00	0.00
Peru							0.21	0.08
Portugal	0.11			0.00		99.40	7.17	3.09
Romania	0.00	92.87	97.14	3.66	38.34		11.92	6.44
Russia	6.28			3.90	0.27		1.66	1.72
Serbia				1.10	1.47		0.71	0.54
Slovakia	3.02						0.19	0.25
Slovenia	3.08				0.78		0.81	0.57
South Africa	0.06			0.83	0.08	0.60	0.42	2.86
Spain				2.91			13.38	22.35
Switzerland	0.81			0.40	0.04		0.86	0.33
Taiwan							0.01	0.00
Thailand							0.01	0.00
Tunisia							0.17	0.09
Turkey							0.61	0.24
Ukraine	1.23			3.90				0.87
United Kingdom	0.11						0.06	0.05
United States	1.91			6.99			1.71	4.28
Uruguay	0.01			0.13	0.02		0.03	0.07
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 51: Shares of world's top 30 white varieties in national winegrape area, by country, 2016 (%)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Riesling</i>	<i>Rkatsiteli</i>	<i>Macabeo</i>	<i>Cayetana Blanca</i>
Algeria								
Argentina		3.02	1.04	0.79	0.05			
Armenia								
Australia		16.10	4.56	0.01	2.35			0.01
Austria		3.47	2.58		4.44			
Brazil		1.02	0.10	0.69	0.02			
Bulgaria		5.83	1.20	1.39		10.22		
Cambodia								
Canada		11.24	2.26	0.02	9.43			
Chile		7.84	10.28		0.28			
China		3.43	1.12	0.84	0.90			
Croatia		5.59			5.32			
Cyprus								
Czechia		6.03	6.66		8.62			
Ethiopia								
France		5.82	3.45	9.68	0.49		0.20	
Georgia						52.76		
Germany		1.57	0.78		22.79			
Greece		1.32	1.43	0.41	0.00			
Hungary		3.86	1.54		1.97			
India		3.70	18.52	11.11				
Israel		3.30	2.20					
Italy		3.27	0.65	5.86	0.24			
Japan		3.55	0.38		0.56			
Kazakhstan					1.60	51.20		
Korea Rep.								
Lebanon		25.00	12.50					
Luxembourg		2.31			12.46			
Mexico			2.20					
Moldova		5.00	8.36	0.34	2.06	4.72		
Morocco	2.50	5.00	2.50					
Myanmar		2.14	31.43					
New Zealand		8.79	57.80		2.16			
N. Macedonia		3.03	0.75		3.63	1.86		
Norway								
Peru		0.03						
Portugal		0.30	0.06	0.07	0.01			0.07
Romania		1.03	3.06	0.00	3.35	0.23		
Russia		6.85	4.92	0.13	4.39	12.75		
Serbia		6.61	3.36		6.18	0.27		
Slovakia					8.00			
Slovenia		7.39	7.01		3.80			
South Africa		7.16	9.65	0.16	0.16		0.00	
Spain	23.01	0.78	0.52	0.01	0.02		4.18	4.10
Switzerland		2.43	1.15		0.13			
Taiwan								
Thailand								
Tunisia	2.50	5.00	2.50					
Turkey		1.29	1.12		0.02			
Ukraine		5.96	6.16		5.36	22.95		
United Kingdom		28.90						
United States		17.27	2.82	0.04	2.07			
Uruguay		1.76	2.14	10.11	0.18			
<b>Total</b>	<b>4.55</b>	<b>4.50</b>	<b>2.78</b>	<b>2.68</b>	<b>1.33</b>	<b>1.15</b>	<b>0.86</b>	<b>0.81</b>

Table 51 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2016 (%)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Chenin Blanc</i>	<i>Colombard</i>	<i>Catarratto Bianco</i>	<i>Aligoté</i>	<i>Graševina</i>	<i>Palomino Fino</i>
Algeria	2.74							
Argentina	1.32	0.05	1.05					0.05
Armenia								
Australia	1.65	0.65	0.31	1.35				0.01
Austria		1.81						7.11
Brazil	0.02	0.10	0.02	0.07				0.57
Bulgaria						0.54		
Cambodia			0.05			0.24		
Canada								
Chile	3.72	0.00	0.03					
China	1.69							1.69
Croatia								37.96
Cyprus								
Czechia								8.19
Ethiopia			31.92					
France	0.30	0.90	1.16	1.04		0.24		0.01
Georgia						0.26		
Germany		0.25						
Greece	1.52	3.08						
Hungary		1.19	0.01			0.00		6.16
India	3.70							
Israel	4.40			4.40				
Italy	0.23	2.21	0.00		4.72			0.21
Japan								
Kazakhstan						3.99		
Korea Rep.								
Lebanon								
Luxembourg		0.08						
Mexico		4.50	5.03					1.99
Moldova		0.06				9.40		
Morocco	11.90							
Myanmar		10.00						
New Zealand		0.00	0.07					0.02
N. Macedonia		1.61						1.09
Norway								
Peru		9.42	0.05					
Portugal	0.28	0.56	0.00					1.42
Romania		0.86			3.20		0.79	
Russia	0.04	0.95			11.50			
Serbia		0.14						9.25
Slovakia								5.89
Slovenia		3.67						12.10
South Africa	1.86	0.88	18.49	12.02				0.14
Spain	1.08	0.15	0.01	0.00				0.12
Switzerland		0.24	0.05			0.16		0.00
Taiwan								
Thailand			7.80	7.02				
Tunisia	11.90							
Turkey		0.94						
Ukraine		1.34				19.13		
United Kingdom								
United States	0.83	0.51	0.82	3.33	0.02			0.03
Uruguay	0.33	0.15	0.03					
<b>Total</b>	<b>0.78</b>	<b>0.75</b>	<b>0.72</b>	<b>0.67</b>	<b>0.64</b>	<b>0.60</b>	<b>0.54</b>	<b>0.52</b>

Table 51 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2016 (%)

<i>Country</i>	<i>Prosecco</i>	<i>Müller-Thurgau</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Sémillon</i>	<i>Verdejo</i>	<i>Viognier</i>	<i>Pedro Giménez</i>
Algeria								
Argentina	0.01		0.00		0.37		0.37	5.43
Armenia								
Australia	0.12	0.00	0.01		3.44	0.00	0.57	
Austria		3.91	31.64					
Brazil	0.62				0.02		0.03	
Bulgaria								
Cambodia								
Canada		0.05	0.02		0.15		0.80	
Chile					0.58	0.00	0.58	3.00
China								
Croatia								
Cyprus								
Czechia		10.88	11.31					
Ethiopia		0.00			1.26		1.08	
France								
Georgia								
Germany		12.34	0.01					
Greece					0.02			
Hungary		2.61	2.16		0.07		0.02	
India								
Israel								
Italy	3.26	0.21	0.01	3.15	0.00		0.30	
Japan		0.57						
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		24.31						
Mexico								
Moldova		0.00			0.00		0.04	
Morocco								
Myanmar								
New Zealand		0.01	0.12		0.18		0.36	
N. Macedonia								
Norway								
Peru								
Portugal					0.04		0.07	
Romania		0.00	0.00		0.01		0.01	
Russia		0.21			0.05			
Serbia								
Slovakia		6.57	21.00					
Slovenia		0.80						
South Africa			0.00		1.17		0.86	
Spain					0.00	2.03	0.02	
Switzerland		3.14	0.01		0.03		0.30	
Taiwan								
Thailand							0.60	
Tunisia								
Turkey					3.86		0.11	
Ukraine								
United Kingdom		0.80						
United States		0.02	0.03		0.14		0.62	
Uruguay					0.21		0.61	
<b>Total</b>	<b>0.45</b>	<b>0.44</b>	<b>0.43</b>	<b>0.43</b>	<b>0.42</b>	<b>0.40</b>	<b>0.36</b>	<b>0.35</b>

Table 51 (cont.): Shares of world's top 30 white varieties in national winegrape area, by country, 2016 (%)

Country	<i>Pinot Blanc</i>	<i>Fetească Albă</i>	<i>Fetească Regală</i>	<i>Gewürztraminer</i>	<i>Muscat Ottonel</i>	<i>Fernão Pires</i>	<i>Other White</i>	<i>Total White</i>	<i>Total</i>
Algeria							1.37	4.11	100
Argentina	0.00						9.57	23.10	100
Armenia							70.04	70.04	100
Australia	0.00			0.19			2.37	33.71	100
Austria	4.22				0.76		5.26	65.19	100
Brazil				0.03			12.35	15.66	100
Bulgaria				1.11	6.94		5.66	32.90	100
Cambodia							0.00	100	
Canada	0.86			3.16	0.25		24.14	52.67	100
Chile	0.01			0.25			3.69	30.27	100
China							4.75	14.41	100
Croatia							13.62	62.50	100
Cyprus							37.91	37.91	100
Czechia	5.60			4.35				61.63	100
Ethiopia							2.54	34.46	100
France	0.14			0.41	0.02		7.75	33.94	100
Georgia	0.46						34.28	87.75	100
Germany	4.57			0.87	0.01		15.33	58.54	100
Greece							29.29	37.09	100
Hungary	0.36			1.09	1.97		36.78	59.78	100
India							37.04	74.07	100
Israel							2.75	17.05	100
Italy	0.39			0.22	0.00		17.94	42.88	100
Japan							24.79	29.86	100
Kazakhstan							24.05	80.84	100
Korea Rep.							0.00	100	
Lebanon							7.95	45.45	100
Luxembourg	12.31			1.62			22.12	75.19	100
Mexico							21.61	35.34	100
Moldova	0.25	1.15	0.45	1.33	2.25		11.66	47.09	100
Morocco							27.90	49.80	100
Myanmar								43.57	100
New Zealand	0.03			0.78			0.70	71.02	100
N. Macedonia							28.19	40.16	100
Norway							66.00	66.00	100
Peru							30.49	39.99	100
Portugal	0.01			0.00		6.65	21.68	31.21	100
Romania	0.00	6.80	6.90	0.26	2.61		35.99	65.10	100
Russia	1.70			0.98	0.07		18.01	62.57	100
Serbia				0.64	0.83		17.82	45.12	100
Slovakia	5.37						13.65	60.47	100
Slovenia	2.65				0.61		27.98	66.02	100
South Africa	0.01			0.11	0.01	0.08	2.41	55.16	100
Spain				0.04			8.36	46.70	100
Switzerland	0.75			0.34	0.04		32.10	40.87	100
Taiwan							36.76	36.76	100
Thailand							28.66	44.08	100
Tunisia							27.90	49.80	100
Turkey							24.40	31.74	100
Ukraine	0.68			1.99				63.56	100
United Kingdom	0.80						19.46	49.96	100
United States	0.11			0.37			3.94	32.96	100
Uruguay	0.03			0.25	0.03		2.83	18.66	100
<b>Total</b>	<b>0.31</b>	<b>0.30</b>	<b>0.29</b>	<b>0.29</b>	<b>0.28</b>	<b>0.27</b>	<b>12.31</b>	<b>41.19</b>	<b>100</b>

Table 52: Change in national winegrape area since 2000 for world's top 30 white varieties in 2016 (hectares)

<i>Country</i>	<i>Airén</i>	<i>Chardonnay</i>	<i>Sauvignon Blanc</i>	<i>Trebbiano Toscano</i>	<i>Riesling</i>	<i>Rkatsiteli</i>	<i>Macabeo</i>	<i>Cayetana Blanca</i>
Algeria								
Argentina		1545	1283	-1143	-57			
Armenia								
Australia		4055	3442	-671	-15			-232
Austria			856		373			
Brazil		10	-107	-457				
Bulgaria		1226	232	-1083		-4014		
Cambodia								
Canada		443	137		706			
Chile		3763	8337		127			
China								
Croatia								
Cyprus								
Czechia		253			379			
Ethiopia								
France		10955	7151	-11499	618			-3566
Georgia						5583		
Germany		954			-810			
Greece		637	569	-535				
Hungary		-491	659		-358			
India								
Israel		23	-153					
Italy		8082	622	-4006	861			
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		22			-13			
Mexico								
Moldova		-1001	-1242		358	-7610		
Morocco								
Myanmar								
New Zealand		330	18074		277			
N. Macedonia								
Norway								
Peru								
Portugal				-260				
Romania		502	981			-93		
Russia		1842			856	-6675		
Serbia								
Slovakia								
Slovenia		-368	-99					
South Africa		788	3810	9	-325			
Spain	-184702	5052	4095	21	87		-5939	-19274
Switzerland		133	132		11			
Taiwan								
Thailand								
Tunisia								
Turkey								
Ukraine								
United Kingdom		463						
United States		5601	2556	-63	2987			
Uruguay		-23	2					
<b>Total</b>	<b>-184177</b>	<b>56106</b>	<b>59510</b>	<b>-16858</b>	<b>16489</b>	<b>-15980</b>	<b>-9504</b>	<b>-19374</b>

Table 52 (cont.): Change in national winegrape area since 2000 for world's top 30 white varieties in 2016 (hectares)

<i>Country</i>	<i>Muscat of Alexandria</i>	<i>Muscat Blanc à Petits Grains</i>	<i>Chenin Blanc</i>	<i>Colombard</i>	<i>Catarratto Bianco</i>	<i>Aligoté</i>	<i>Graševina</i>	<i>Palomino Fino</i>
Algeria								
Argentina	-2800	-55	-1288					-112
Armenia								
Australia	-316	643	-435	-13				-105
Austria		680						
Brazil	-804							-692
Bulgaria							-1374	
Cambodia								
Canada								
Chile		-37						
China								
Croatia							-11592	
Cyprus								
Czechia							-132	
Ethiopia								
France	-566	398	-406	1546		171		-399
Georgia		153				27		
Germany		-664						
Greece		-776					-2745	
Hungary								
India								
Israel	18			-266				
Italy	217	319			-22148		-748	
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg								
Mexico								
Moldova		-122				-8025		
Morocco	-1576							
Myanmar								
New Zealand			-122					-14
N. Macedonia								
Norway								
Peru								
Portugal	-1	-388						
Romania		567				-1768	-13577	
Russia						4021		
Serbia							-31082	
Slovakia							-3439	
Slovenia							-1633	
South Africa	-2266	66	-4859	80				-1498
Spain	3389	1127	1				-859	-7574
Switzerland		-8	7			4		
Taiwan								
Thailand								
Tunisia								
Turkey								
Ukraine								
United Kingdom								
United States	-26	703	-6464	-10018				-249
Uruguay								
<b>Total</b>	<b>5215</b>	<b>3761</b>	<b>-13540</b>	<b>-8636</b>	<b>-22098</b>	<b>-8739</b>	<b>-67922</b>	<b>-7323</b>

Table 52 (cont.): Change in national winegrape area since 2000 for world's top 30 white varieties in 2016 (hectares)

<i>Country</i>	<i>Prosecco</i>	<i>Müller-Thurgau</i>	<i>Grüner Veltliner</i>	<i>Trebbiano Romagnolo</i>	<i>Sémillon</i>	<i>Verdejo</i>	<i>Viognier</i>	<i>Pedro Giménez</i>
Algeria					-266			
Argentina	2						621	-3665
Armenia								
Australia					-1973		637	
Austria		-1512	-3103					
Brazil					-378			
Bulgaria								
Cambodia								
Canada								
Chile					-1044		711	
China								
Croatia								
Cyprus								
Czechia		-107	-162					
Ethiopia								
France		-2			-3782		6463	
Georgia								
Germany		-9042						
Greece					-10			
Hungary		-1608	45					
India								
Israel								
Italy	12232	300	-74	-432	5		1800	
Japan								
Kazakhstan								
Korea Rep.								
Lebanon								
Luxembourg		-143						
Mexico								
Moldova		-169						
Morocco								
Myanmar								
New Zealand		-417			-166			
N. Macedonia								
Norway								
Peru								
Portugal								
Romania								
Russia								
Serbia								
Slovakia		-1361	-1333					
Slovenia								
South Africa					89		772	
Spain						13470	211	
Switzerland		-221			1			
Taiwan								
Thailand								
Tunisia								
Turkey								
Ukraine								
United Kingdom								
United States					-369		1166	
Uruguay								
<b>Total</b>	<b>12601</b>	<b>-14085</b>	<b>-4486</b>	<b>-432</b>	<b>-7546</b>	<b>13479</b>	<b>12903</b>	<b>714</b>

Table 52 (cont.): Change in national winegrape area since 2000 for world's top 30 white varieties in 2016 (hectares)

<i>Country</i>	<i>Pinot Blanc</i>	<i>Fetească Albă</i>	<i>Fetească Regală</i>	<i>Gewürztraminer</i>	<i>Muscat Ottonel</i>	<i>Fernão Pires</i>	<i>Other White</i>	<i>Total White</i>
Algeria								300
Argentina	-31						-7023	-12985
Armenia							2089	-906
Australia				-269			-13518	-8589
Austria	-1019					-74	-1540	-5217
Brazil				-130			-13646	-15921
Bulgaria				-381	765		-11416	-20295
Cambodia								
Canada	-37			162			1479	3089
Chile	4			250			-4786	17133
China								25647
Croatia							-26713	-37023
Cyprus							-1710	-1710
Czechia								450
Ethiopia								58
France	-220			562	10		5516	12951
Georgia	48						3626	9285
Germany	1927					5	-14679	-19918
Greece							-5964	-5191
Hungary						-160	-17484	-23470
India								2000
Israel							-550	-1029
Italy	-2656			780			-37016	-41854
Japan								1155
Kazakhstan								5609
Korea Rep.								
Lebanon								1818
Luxembourg	22			9			-46	-148
Mexico								1931
Moldova	-140	-3380		-1632	339		8776	-13165
Morocco							3164	3348
Myanmar								31
New Zealand				136			-80	18203
N. Macedonia								9951
Norway								8
Peru								1532
Portugal						-2068	-29595	-28707
Romania		-5783	10919	24	-1008		-36154	-39227
Russia	-2130						-15496	-13846
Serbia							-10567	-37677
Slovakia	-207						-1280	-8246
Slovenia							-6558	-6814
South Africa	-26			-104	-25	-266	-3460	-7205
Spain				327			-117932	-308493
Switzerland	34			20			-1097	-934
Taiwan							-1248	-1248
Thailand								91
Tunisia								1693
Turkey								4349
Ukraine								15996
United Kingdom							-247	246
United States	-169			169			4396	370
Uruguay							150	933
<b>Total</b>	<b>-3204</b>	<b>-10446</b>	<b>10413</b>	<b>2152</b>	<b>205</b>	<b>-2334</b>	<b>-334230</b>	<b>-557364</b>

Table 53: National winegrape area for world's top 6 grey varieties, 2010 (hectares)

<i>Country</i>	<i>Pinot Gris</i>	<i>Cereza</i>	<i>Roditis</i>	<i>Misket</i>	<i>Cherven</i>	<i>Roditis (R)</i>	<i>Cserszegi</i>	<i>Fűszeres</i>	<i>Other Grey</i>	<i>Total Grey</i>
Algeria										0
Argentina	386	29934							371	30691
Armenia										0
Australia	3296									3296
Austria	215								292	507
Brazil	7								7	14
Bulgaria				4159						4159
Canada	549								28	578
Chile	100									100
China	2									2
Croatia	219								56	275
Cyprus										0
Czechia	706								198	904
Ethiopia										0
France	2674								1767	4441
Georgia									26	26
Germany	4514								992	5506
Greece			4668			3826			1756	10251
Hungary	1624						3609		1057	6290
Israel										0
Italy	17281								93	17374
Japan									220	220
Kazakhstan										0
Korea Rep.									100	100
Luxembourg	146									146
Mexico										0
Moldova	2042									2042
Morocco										0
Myanmar										0
New Zealand	1501								2	1503
Peru									7	7
Portugal	5								5	9
Romania	1301								269	1570
Russia	78									78
Serbia										0
Slovakia	211								32	242
Slovenia	501									501
South Africa	261								2	264
Spain									77	77
Switzerland	216									216
Taiwan										0
Thailand									6	6
Tunisia										0
Turkey										0
Ukraine	685									685
United Kingdom	9								50	59
United States	5231								75	5307
Uruguay	12									12
<b>Total</b>	<b>43773</b>	<b>29934</b>	<b>4668</b>	<b>4159</b>	<b>3826</b>	<b>3609</b>	<b>7487</b>	<b>3609</b>	<b>97455</b>	

Table 54: National shares of global winegrape area for world's top 6 grey varieties, 2010 (%)

<i>Country</i>	<i>Pinot Gris</i>	<i>Cereza</i>	<i>Roditis</i>	<i>Misket Cherven</i>	<i>Roditis (R)</i>	<i>Cserszegi Fűszeres</i>	<i>Other Grey</i>	<i>Total Grey</i>
Algeria								0.00
Argentina	0.88	100.00					4.95	31.49
Armenia								0.00
Australia	7.53							3.38
Austria	0.49						3.90	0.52
Brazil	0.02						0.09	0.01
Bulgaria				100.00				4.27
Canada	1.25						0.38	0.59
Chile	0.23							0.10
China	0.00							0.00
Croatia	0.50						0.75	0.28
Cyprus								0.00
Czechia	1.61						2.64	0.93
Ethiopia								0.00
France	6.11						23.60	4.56
Georgia							0.34	0.03
Germany	10.31						13.25	5.65
Greece			100.00		100.00		23.46	10.52
Hungary	3.71					100.00	14.12	6.45
Israel								0.00
Italy	39.48						1.24	17.83
Japan							2.93	0.23
Kazakhstan								0.00
Korea Rep.							1.34	0.10
Luxembourg	0.33							0.15
Mexico								0.00
Moldova	4.67							2.10
Morocco								0.00
Myanmar								0.00
New Zealand	3.43						0.03	1.54
Peru							0.09	0.01
Portugal	0.01						0.06	0.01
Romania	2.97						3.59	1.61
Russia	0.18							0.08
Serbia								0.00
Slovakia	0.48						0.42	0.25
Slovenia	1.14							0.51
South Africa	0.60						0.03	0.27
Spain							1.03	0.08
Switzerland	0.49							0.22
Taiwan								0.00
Thailand							0.08	0.01
Tunisia								0.00
Turkey								0.00
Ukraine	1.57							0.70
United Kingdom	0.02						0.67	0.06
United States	11.95						1.01	5.45
Uruguay	0.03							0.01
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

Table 55: National winegrape area for world's top 6 grey varieties, 2016 (hectares)

<i>Country</i>	<i>Pinot Gris</i>	<i>Cereza</i>	<i>Roditis</i>	<i>Misket</i>	<i>Cserszegi</i>	<i>Garnacha</i>	<i>Other Grey</i>	<i>Total Grey</i>
Algeria								0
Argentina	401	28887						29288
Armenia								0
Australia	3652						1	3653
Austria	224						286	510
Brazil	7						0	8
Bulgaria				4349				4349
Cambodia								0
Canada	649						41	690
Chile	437							437
China								0
Croatia								0
Cyprus								0
Czechia	826							826
Ethiopia								0
France	2867					1253	131	4252
Georgia						26		26
Germany	4887					110		4997
Greece			8463			114	1916	10493
Hungary	1594				4299		689	6583
India								0
Israel								0
Italy	18821						46	18867
Japan							945	945
Kazakhstan								0
Korea Rep.							100	100
Lebanon								0
Luxembourg	196							196
Mexico								0
Moldova	1208							1208
Morocco								0
Myanmar								0
New Zealand	2422						3	2425
N. Macedonia								0
Norway								0
Peru							7	7
Portugal	5						7216	7221
Romania	1561						344	1905
Russia	78							78
Serbia	112						1	112
Slovakia								0
Slovenia	508							508
South Africa	369					3	8	380
Spain						87	1428	1514
Switzerland	230						3	233
Taiwan								0
Thailand							5	5
Tunisia								0
Turkey								0
Ukraine								0
United Kingdom	44						9	53
United States	7462						66	7529
Uruguay	9							9
<b>Total</b>	<b>48570</b>	<b>28887</b>	<b>8463</b>	<b>4349</b>	<b>4299</b>	<b>1462</b>	<b>13375</b>	<b>109406</b>

Table 56: National winegrape area for world's top 6 grey varieties, 2016 (hectares)

<i>Country</i>	<i>Pinot Gris</i>	<i>Cereza</i>	<i>Roditis</i>	<i>Misket</i>	<i>Cserszegi</i>	<i>Garnacha</i>	<i>Other Grey</i>	<i>Total Grey</i>
Algeria								0.00
Argentina	0.83	100.00						26.77
Armenia								0.00
Australia	7.52					0.01		3.34
Austria	0.46					2.14		0.47
Brazil	0.02					0.00		0.01
Bulgaria				100.00				3.98
Cambodia								0.00
Canada	1.34					0.31		0.63
Chile	0.90							0.40
China								0.00
Croatia								0.00
Cyprus								0.00
Czechia	1.70							0.75
Ethiopia								0.00
France	5.90				85.71	0.98		3.89
Georgia						0.19		0.02
Germany	10.06					0.82		4.57
Greece			100.00			7.81	14.32	9.59
Hungary	3.28				100.00		5.15	6.02
India								0.00
Israel								0.00
Italy	38.75					0.34		17.24
Japan						7.06		0.86
Kazakhstan								0.00
Korea Rep.						0.75		0.09
Lebanon								0.00
Luxembourg	0.40							0.18
Mexico								0.00
Moldova	2.49							1.10
Morocco								0.00
Myanmar								0.00
New Zealand	4.99					0.02		2.22
N. Macedonia								0.00
Norway								0.00
Peru						0.05		0.01
Portugal	0.01					53.95		6.60
Romania	3.21					2.57		1.74
Russia	0.16							0.07
Serbia	0.23					0.01		0.10
Slovakia								0.00
Slovenia	1.05							0.46
South Africa	0.76				0.19	0.06		0.35
Spain					5.93	10.67		1.38
Switzerland	0.47					0.02		0.21
Taiwan								0.00
Thailand					0.35			0.00
Tunisia								0.00
Turkey								0.00
Ukraine								0.00
United Kingdom	0.09					0.07		0.05
United States	15.36					0.50		6.88
Uruguay	0.02							0.01
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**IV. Winegrape areas and Varietal Intensity Indexes  
for national top varieties**

Table 57: Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Algeria											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Cinsaut	R	7550	25.0	15.6	25.2	Mazuelo	R	3000	36.1	6.3	34.2
Mazuelo	R	7550	25.0	5.9	9.6	Garnacha Tinta	R	2000	24.1	1.3	7.2
Garnacha Tinta	R	6040	20.0	2.8	4.5	Cabernet Sauvignon	R	1000	12.0	0.3	1.7
Alicante Henri Bouschet	R	3020	10.0	8.1	13.2	Merlot	R	1000	12.0	0.4	2.0
Cabernet Sauvignon	R	1510	5.0	0.7	1.1	Syrah	R	1000	12.0	0.6	3.0
Merlot	R	1510	5.0	0.7	1.1	Muscat of Alexandria	W	200	2.4	0.6	3.1
Pinot Noir	R	1510	5.0	2.2	3.6	Sultaniye	W	100	1.2	1.9	10.1
Syrah	R	1510	5.0	1.5	2.4						
Total of above		30200	100.0			Total of above		8300	100.0		
Argentina											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Cereza	G	31113	15.8	100.0	24.8	Côt	R	40401	19.6	77.3	16.8
Criolla Grande	R	24264	12.3	100.0	24.8	Cereza	G	28887	14.0	100.0	21.7
Côt	R	18230	9.2	69.4	17.2	Douce Noire	R	19072	9.2	96.6	21.0
Douce Noire	R	15659	7.9	85.5	21.2	Criolla Grande	R	15596	7.6	100.0	21.7
Pedro Giménez	W	14862	7.5	100.0	24.8	Cabernet Sauvignon	R	15356	7.4	4.9	1.1
Cabernet Sauvignon	R	13776	7.0	6.2	1.5	Syrah	R	12707	6.2	7.0	1.5
Muscat Blanc à Petits Grains (G)	W	10442	5.3	100.0	24.8	Pedro Giménez	W	11197	5.4	71.9	15.6
Syrah	R	8888	4.5	8.7	2.1	Torrontés Riojano	W	8208	4.0	92.6	20.1
Torrontés Riojano	W	8127	4.1	99.1	24.5	Muscat Blanc à Petits Grains (G)	W	6526	3.2	79.0	17.2
Merlot	R	6263	3.2	2.9	0.7	Chardonnay	W	6227	3.0	3.1	0.7
Muscat of Alexandria	W	5515	2.8	18.6	4.6	Tempranillo	R	6140	3.0	2.8	0.6
Tempranillo	R	4720	2.4	5.1	1.3	Merlot	R	5632	2.7	2.1	0.5
Chardonnay	W	4682	2.4	3.2	0.8	Aspiran Bouschet	R	4087	2.0	100.0	21.7
Chenin Blanc	W	3445	1.7	7.5	1.9	Muscat of Alexandria	W	2716	1.3	7.8	1.7
Torrontés Sanjuanino	W	3170	1.6	100.0	24.8	Chenin Blanc	W	2157	1.0	6.7	1.5
Trebbiano Toscano	W	2765	1.4	2.0	0.5	Sauvignon Blanc	W	2148	1.0	1.7	0.4
Sangiovese	R	2490	1.3	3.6	0.9	Torrontés Sanjuanino	W	1885	0.9	51.5	11.2
Red Globe	R	1940	1.0	91.8	22.7	Pinot Noir	R	1866	0.9	1.8	0.4
Gibi	W	1227	0.6	100.0	24.8	Sangiovese	R	1837	0.9	2.5	0.5
Pinot Noir	R	1114	0.6	1.6	0.4	Trebbiano Toscano	W	1622	0.8	1.3	0.3
Total of above		182692	92.5			Total of above		194264	94.1		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Armenia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Rkatsiteli	W	2469	22.0	3.7	16.0	white varieties	W	10300	70.0	100.0	304.9
Mskhali	W	1093	9.8	100.0	436.2	red varieties	R	4405	30.0	100.0	304.9
Garandmak	W	931	8.3	100.0	436.2						
Kangun	W	850	7.6	100.0	436.2						
Voskeat	W	809	7.2	100.0	436.2						
Muscat Blanc à Petits Grains	W	526	4.7	1.8	7.7						
Total of above		6677	59.6			Total of above		14705	100.0		

Australia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Syrah	R	29295	22.4	28.6	10.7	Syrah	R	38942	29.4	21.5	7.3
Cabernet Sauvignon	R	24997	19.1	11.2	4.2	Cabernet Sauvignon	R	23987	18.1	7.7	2.6
Chardonnay	W	17266	13.2	11.9	4.4	Chardonnay	W	21321	16.1	10.6	3.6
Sultaniye	W	10298	7.9	85.0	31.8	Merlot	R	8415	6.4	3.2	1.1
Merlot	R	7669	5.9	3.6	1.3	Sauvignon Blanc	W	6044	4.6	4.8	1.6
Sémillon	W	6528	5.0	24.9	9.3	Pinot Noir	R	4806	3.6	4.6	1.5
Pinot Noir	R	3223	2.5	4.7	1.8	Sémillon	W	4556	3.4	24.4	8.2
Riesling	W	3129	2.4	7.2	2.7	Pinot Gris	G	3652	2.8	7.5	2.5
Sauvignon Blanc	W	2602	2.0	4.0	1.5	Riesling	W	3114	2.4	5.2	1.8
Muscat of Alexandria	W	2495	1.9	8.4	3.2	Muscat of Alexandria	W	2179	1.6	6.3	2.1
Ruby Cabernet	R	2424	1.9	32.7	12.2	Colombard	W	1789	1.4	6.0	2.0
Garnacha Tinta	R	2139	1.6	1.0	0.4	Garnacha Tinta	R	1492	1.1	1.0	0.3
Colombard	W	1801	1.4	4.7	1.7	Petit Verdot	R	1118	0.8	13.8	4.7
Verdelho	W	1293	1.0	78.7	29.4	Verdelho	W	1016	0.8	67.0	22.7
Monastrell	R	948	0.7	1.2	0.5	Savagnin Blanc	W	870	0.7	38.4	13.0
Chenin Blanc	W	841	0.6	1.8	0.7	Muscat Blanc à Petits Grains	W	857	0.6	2.5	0.9
Korinthiaki	R	778	0.6	93.3	34.9	Ruby Cabernet	R	849	0.6	16.0	5.4
Cabernet Franc	R	744	0.6	1.4	0.5	Viognier	W	753	0.6	4.7	1.6
Petit Verdot	R	721	0.6	44.0	16.5	Monastrell	R	704	0.5	1.4	0.5
Trebbiano Toscano	W	685	0.5	0.5	0.2	Tempranillo	R	681	0.5	0.3	0.1
Total of above		119877	91.8			Total of above		127144	96.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Austria											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Grüner Veltliner	W	17479	36.0	74.1	74.6	Grüner Veltliner	W	14376	31.6	75.2	74.2
Zweigelt	R	4350	9.0	59.9	60.3	Zweigelt	R	6311	13.9	69.6	68.7
Graševina	W	4323	8.9	4.7	4.7	Graševina	W	3233	7.1	13.3	13.1
Müller-Thurgau	W	3289	6.8	9.8	9.9	Blaufränkisch	R	2808	6.2	16.3	16.1
Pinot Blanc	W	2936	6.1	17.3	17.4	Riesling	W	2016	4.4	3.4	3.3
Blaufränkisch	R	2641	5.4	18.9	19.0	Pinot Blanc	W	1916	4.2	13.9	13.7
Blauer Portugieser	R	2358	4.9	25.8	26.0	Müller-Thurgau	W	1777	3.9	9.1	9.0
Riesling	W	1643	3.4	3.8	3.8	Chardonnay	W	1577	3.5	0.8	0.8
Neuburger	W	1094	2.3	76.3	76.9	Blauer Portugieser	R	1265	2.8	19.2	18.9
Blauburger	R	884	1.8	88.2	88.9	Sauvignon Blanc	W	1170	2.6	0.9	0.9
Früroter Veltliner	R	626	1.3	99.0	99.8	Muscat Blanc à Petits Grains	W	823	1.8	2.4	2.4
Scheurebe	W	529	1.1	14.5	14.6	Blauburger	R	750	1.7	61.3	60.5
Blauer Wildbacher	R	464	1.0	98.3	99.0	Sankt Laurent	R	724	1.6	22.1	21.8
Muscat Ottonel	W	418	0.9	3.4	3.4	Merlot	R	695	1.5	0.3	0.3
Sankt Laurent	R	415	0.9	16.2	16.4	Pinot Noir	R	614	1.4	0.6	0.6
Pinot Noir	R	409	0.8	0.6	0.6	Cabernet Sauvignon	R	567	1.2	0.2	0.2
Bouvier	W	365	0.8	100.0	100.8	Neuburger	W	507	1.1	87.7	86.5
Gewürztraminer	W	363	0.7	3.4	3.4	Blauer Wildbacher	R	434	1.0	99.3	98.0
Sauvignon Blanc	W	314	0.6	0.5	0.5	Früroter Veltliner	R	369	0.8	95.0	93.7
Cabernet Sauvignon	R	312	0.6	0.1	0.1	Scheurebe	W	351	0.8	21.6	21.3
Total of above		45212	93.2			Total of above		42282	93.1		

Brazil											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Isabella	R	14285	27.0	52.0	48.1	Isabella	R	11664	35.1	65.5	88.4
Niagara	W	13436	25.4	87.6	81.0	Cabernet Franc	R	6834	20.6	12.2	16.5
Cabernet Franc	R	3784	7.2	7.3	6.7	Couderc Noir	R	1938	5.8	90.7	122.5
Concord	R	2509	4.7	21.2	19.6	Concord	R	1687	5.1	16.0	21.6
Seibel	R	1967	3.7	98.8	91.4	Niagara	W	1430	4.3	43.8	59.1
Herbemont	R	1453	2.7	100.0	92.5	Jacquez	R	1274	3.8	88.3	119.2
Graševina	W	880	1.7	1.0	0.9	Moscato Embrapa	W	683	2.1	100.0	135.0
Muscat of Alexandria	W	809	1.5	2.7	2.5	Muscat	W	671	2.0	90.2	121.8
Trebbiano Toscano	W	688	1.3	0.5	0.5	Violeta	R	636	1.9	100.0	135.0
Cabernet Sauvignon	R	587	1.1	0.3	0.2	Cora	R	570	1.7	100.0	135.0
Merlot	R	469	0.9	0.2	0.2	Lorena	W	500	1.5	100.0	135.0
Sémillon	W	384	0.7	1.5	1.4	Seibel	R	478	1.4	99.0	133.7
Chardonnay	W	330	0.6	0.2	0.2	Couderc 13	W	474	1.4	100.0	135.0
Couderc Noir	R	299	0.6	48.8	45.1	Niagara Red	R	469	1.4	100.0	135.0
Tannat	R	182	0.3	3.3	3.0	Cabernet Sauvignon	R	429	1.3	0.1	0.2
Jacquez	R	170	0.3	75.3	69.6	Merlot	R	363	1.1	0.1	0.2
Gewürztraminer	W	140	0.3	1.3	1.2	Chardonnay	W	340	1.0	0.2	0.2
Sauvignon Blanc	W	140	0.3	0.2	0.2	Carmem	R	328	1.0	100.0	135.0
						Trebbiano Toscano	W	231	0.7	0.2	0.3
						Prosecco	W	207	0.6	1.0	1.4
Total of above		42512	80.5			Total of above		31205	94.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Bulgaria											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Pamid	R	22581	23.5	99.4	50.6	Merlot	R	10050	19.0	3.8	3.2
Merlot	R	11169	11.6	5.2	2.7	Cabernet Sauvignon	R	9327	17.6	3.0	2.5
Cabernet Sauvignon	R	10441	10.9	4.7	2.4	Pamid	R	6874	13.0	69.0	58.4
Rkatsiteli	W	9429	9.8	14.0	7.1	Rkatsiteli	W	5415	10.2	10.5	8.9
Dimyat	W	7649	8.0	98.8	50.3	Misket Cherven	G	4349	8.2	100.0	84.6
Shiroka Melnishka	R	3804	4.0	100.0	50.9	Muscat Ottonel	W	3679	6.9	29.5	25.0
Misket	W	3764	3.9	100.0	50.9	Chardonnay	W	3087	5.8	1.5	1.3
Graševina	W	3602	3.8	3.9	2.0	Dimyat	W	2998	5.7	30.9	26.2
Cardinal	R	3035	3.2	78.4	39.9	Shiroka Melnishka	R	1205	2.3	100.0	84.6
Muscat Ottonel	W	2914	3.0	23.8	12.1	Mavrud	R	1193	2.3	100.0	84.6
Chardonnay	W	1862	1.9	1.3	0.7	Kadarka	R	1161	2.2	71.5	60.5
Trebbiano Toscano	W	1821	1.9	1.3	0.7	Syrah	R	804	1.5	0.4	0.4
Aligoté	W	1659	1.7	4.7	2.4	Trebbiano Toscano	W	738	1.4	0.6	0.5
Kadarka	R	1619	1.7	61.5	31.3	Sauvignon Blanc	W	637	1.2	0.5	0.4
Gewürztraminer	W	971	1.0	9.1	4.6	Gewürztraminer	W	591	1.1	4.6	3.9
Pinot Noir	R	769	0.8	1.1	0.6	Pinot Noir	R	342	0.6	0.3	0.3
Mavrud	R	647	0.7	100.0	50.9	Aligoté	W	285	0.5	1.1	0.9
Riesling	W	647	0.7	1.5	0.8	Cabernet Franc	R	240	0.5	0.4	0.4
Königin der Weingärten	W	567	0.6	75.5	38.4						
Muscat of Hamburg	R	445	0.5	6.3	3.2						
Total of above		89395	93.1			Total of above		52974	100.0		

Cambodia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Black Queen	R	3	30.0	2.1	9379.7
						Syrah	R	3	30.0	0.0	7.4
						Cabernet Sauvignon	R	2	20.0	0.0	2.9
						Merlot	R	2	20.0	0.0	3.4
Total of above						Total of above		10	100.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Canada											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Concord	R	977	11.5	8.3	47.6	Seyval Blanc	W	2259	17.9	83.7	297.8
Chardonnay	W	973	11.5	0.7	3.8	Chardonnay	W	1417	11.2	0.7	2.5
Merlot	R	674	7.9	0.3	1.8	Riesling	W	1188	9.4	2.0	7.1
Cabernet Sauvignon	R	569	6.7	0.3	1.5	Cabernet Franc	R	820	6.5	1.5	5.2
Cabernet Franc	R	567	6.7	1.1	6.3	Baco Noir	R	704	5.6	95.8	340.8
Vidal	W	514	6.0	84.1	483.9	Cabernet Sauvignon	R	660	5.2	0.2	0.8
Riesling	W	482	5.7	1.1	6.4	Pinot Gris	G	649	5.1	1.3	4.8
Niagara	W	461	5.4	3.0	17.3	Pinot Noir	R	639	5.1	0.6	2.2
Pinot Noir	R	457	5.4	0.7	3.8	Merlot	R	633	5.0	0.2	0.8
Baco Noir	R	279	3.3	70.3	404.1	Gewürztraminer	W	398	3.2	3.1	11.1
Gamay Noir	R	263	3.1	0.7	4.0	Arinarnoa	R	289	2.3	59.5	211.6
Gewürztraminer	W	237	2.8	2.2	12.8	Sauvignon Blanc	W	285	2.3	0.2	0.8
Pinot Gris	G	210	2.5	1.1	6.4	Gamay Noir	R	272	2.2	1.0	3.7
Sauvignon Blanc	W	148	1.7	0.2	1.3	Syrah	R	260	2.1	0.1	0.5
Pinot Blanc	W	146	1.7	0.9	4.9	Concord	R	183	1.4	1.7	6.2
Seyval Blanc	W	132	1.5	33.8	194.6	Millot-Foch	R	124	1.0	98.0	348.8
De Chaunac	R	119	1.4	64.1	368.8	Pinot Blanc	W	109	0.9	0.8	2.8
Maréchal Foch	R	109	1.3	63.1	362.8	Viognier	W	101	0.8	0.6	2.2
Fredonia	R	73	0.9	84.9	488.3	Maréchal Foch	R	94	0.7	41.1	146.2
Elvira	W	69	0.8	20.0	115.2	Niagara	W	87	0.7	2.7	9.5
Total of above		7458	87.8			Total of above		11170	88.7		

Chile											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Cabernet Sauvignon	R	35967	31.6	16.1	6.9	Cabernet Sauvignon	R	42409	29.1	13.7	4.2
Listan Prieto	R	15181	13.3	93.5	40.1	Sauvignon Blanc	W	14999	10.3	12.0	3.7
Merlot	R	12825	11.3	6.0	2.6	Merlot	R	12057	8.3	4.5	1.4
Chardonnay	W	7672	6.7	5.3	2.3	Chardonnay	W	11435	7.8	5.7	1.7
Sauvignon Blanc	W	6662	5.8	10.2	4.4	Carmenère	R	10503	7.2	46.7	14.4
Carmenère	R	4719	4.1	82.6	35.4	Listan Prieto	R	9693	6.6	94.4	29.0
Malvasia Fina	W	4305	3.8	60.6	26.0	Syrah	R	7994	5.5	4.4	1.4
Alicante Henri Bouschet	R	2882	2.5	7.8	3.3	Alicante Henri Bouschet	R	6908	4.7	19.2	5.9
Pedro Ximénez	W	2379	2.1	13.8	5.9	Muscat of Alexandria	W	5424	3.7	15.6	4.8
Syrah	R	2040	1.8	2.0	0.9	Pedro Giménez	W	4379	3.0	28.1	8.6
Sémillon	W	1893	1.7	7.2	3.1	Pinot Noir	R	4091	2.8	3.9	1.2
Pinot Noir	R	1614	1.4	2.3	1.0	Côt	R	2293	1.6	4.4	1.3
Côt	R	929	0.8	3.5	1.5	Torrontés Sanjuanino	W	1771	1.2	48.5	14.9
Cabernet Franc	R	689	0.6	1.3	0.6	Muscat Blanc à Petits Grains (C W	W	1732	1.2	21.0	6.4
Mazuelo	R	641	0.6	0.5	0.2	Cabernet Franc	R	1578	1.1	2.8	0.9
Chasselas	W	404	0.4	3.0	1.3	Petit Verdot	R	863	0.6	10.6	3.3
Riesling	W	286	0.3	0.7	0.3	Sémillon	W	849	0.6	4.5	1.4
Cinsaut	R	195	0.2	0.4	0.2	Cinsaut	R	848	0.6	3.7	1.1
Sauvignonasse	W	132	0.1	2.4	1.0	Viognier	W	839	0.6	5.2	1.6
Viognier	W	128	0.1	4.1	1.7	Mazuelo	R	811	0.6	1.7	0.5
Total of above		101543	89.1			Total of above		141476	97.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

China											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
			Cabernet Sauvignon	R	40300	22.6	13.0	3.3			
			Merlot	R	16700	9.4	6.3	1.6			
			Carmenère	R	11200	6.3	49.8	12.5			
			Chardonnay	W	6100	3.4	3.0	0.8			
			Yan 73	R	4800	2.7	100.0	25.2			
			Garnacha Tinta	R	4000	2.2	2.7	0.7			
			Graševina	W	3000	1.7	12.3	3.1			
			Muscat of Alexandria	W	3000	1.7	8.6	2.2			
			Sauvignon Blanc	W	2000	1.1	1.6	0.4			
			Beibinghong	R	1600	0.9	100.0	25.2			
			Riesling	W	1600	0.9	2.7	0.7			
			Trebbiano Toscano	W	1500	0.8	1.2	0.3			
			Vidal	W	1500	0.8	77.5	19.5			
			Longyan	R	1000	0.6	100.0	25.2			
			Syrah	R	1000	0.6	0.6	0.1			
			Cabernet Franc	R	600	0.3	1.1	0.3			
			Pinot Noir	R	400	0.2	0.4	0.1			
			Mazuelo	R	100	0.1	0.2	0.1			
Total of above		0	0			Total of above		100400	56.4		

Croatia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Graševina	W	16051	27.0	17.4	14.3	Graševina	W	4459	38.0	18.3	69.8
Malvazija Istarska	W	7134	12.0	94.4	77.6	Plavac Mali	R	1664	14.2	97.1	370.5
Plavac Mali	R	6539	11.0	100.0	82.2	Malvazija Istarska	W	1600	13.6	57.4	219.0
Pošip Bijeli	W	6539	11.0	100.0	82.2	Merlot	R	828	7.0	0.3	1.2
Babić	R	1189	2.0	100.0	82.2	Cabernet Sauvignon	R	709	6.0	0.2	0.9
Blaufränkisch	R	1189	2.0	8.5	7.0	Plavina	R	683	5.8	100.0	381.7
Mondeuse Noire	R	1189	2.0	84.7	69.6	Chardonnay	W	657	5.6	0.3	1.2
						Riesling	W	625	5.3	1.0	4.0
						Blaufränkisch	R	521	4.4	3.0	11.6
Total of above		39830	67			Total of above		11746	100.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Cyprus												
2000							2016					
Prime variety	Col	Area	Nat'l	Glob'l	VII*	Prime variety	Col	Area	Nat'l	Glob'l	VII*	
			share	share					share	share		
Mavro	R	10969	60.0	100.0	267.4	Mavro	R	3187	62.1	100.0	873.4	
Xynisteri	W	2742	15.0	100.0	267.4	Xynisteri	W	1946	37.9	100.0	873.4	
Total of above		13711	75.0			Total of above		5133	100.0			

Czechia												
2000							2016					
Prime variety	Col	Area	Nat'l	Glob'l	VII*	Prime variety	Col	Area	Nat'l	Glob'l	VII*	
			share	share					share	share		
Grüner Veltliner	W	1700	15.0	7.2	31.1	Grüner Veltliner	W	1538	11.3	8.0	26.5	
Müller-Thurgau	W	1586	14.0	4.7	20.4	Müller-Thurgau	W	1479	10.9	7.6	25.0	
Graševina	W	1246	11.0	1.4	5.8	Sankt Laurent	R	1183	8.7	36.2	119.2	
Sankt Laurent	R	1020	9.0	39.9	172.2	Riesling	W	1172	8.6	2.0	6.5	
Riesling	W	793	7.0	1.8	7.9	Blaufränkisch	R	1143	8.4	6.7	21.9	
Blaufränkisch	R	680	6.0	4.9	21.0	Graševina	W	1114	8.2	4.6	15.1	
Chardonnay	W	567	5.0	0.4	1.7	Sauvignon Blanc	W	906	6.7	0.7	2.4	
Zweigelt	R	453	4.0	6.2	26.9	Pinot Gris	G	826	6.1	1.7	5.6	
Blauer Portugieser	R	340	3.0	3.7	16.0	Chardonnay	W	820	6.0	0.4	1.3	
Neuburger	W	340	3.0	23.7	102.3	Zweigelt	R	770	5.7	8.5	28.0	
						Pinot Blanc	W	762	5.6	5.5	18.2	
						Pinot Noir	R	697	5.1	0.7	2.2	
						Blauer Portugieser	R	599	4.4	9.1	30.0	
						Gewürztraminer	W	591	4.3	4.6	15.2	
Total of above		8725	77.0			Total of above		13600	100.0			

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Ethiopia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Sangiovese	R	90	53.2	0.1	32.5
						Chenin Blanc	W	54	31.9	0.2	44.4
						Flame Seedless	R	13	7.8	23.9	6326.2
						Crimson Seedless	R	6	3.3	73.5	19471.4
						Sultaniye	W	4	2.5	0.1	21.3
						Red Globe	R	2	1.3	0.9	237.5
Total of above											
						Total of above			169	100.0	
France											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Merlot	R	101309	11.7	47.5	2.7	Merlot	R	108483	13.3	40.7	2.2
Mazuelo	R	95745	11.1	75.0	4.2	Trebbiano Toscano	W	78842	9.7	65.5	3.6
Garnacha Tinta	R	95717	11.1	44.2	2.5	Garnacha Tinta	R	78631	9.6	52.4	2.9
Trebbiano Toscano	W	90341	10.4	65.8	3.7	Syrah	R	62211	7.6	34.3	1.9
Cabernet Sauvignon	R	53413	6.2	23.9	1.4	Chardonnay	W	47451	5.8	23.5	1.3
Syrah	R	50676	5.9	49.4	2.8	Cabernet Sauvignon	R	46555	5.7	15.0	0.8
Chardonnay	W	36496	4.2	25.1	1.4	Cabernet Franc	R	32327	4.0	57.7	3.2
Cabernet Franc	R	36094	4.2	69.4	3.9	Mazuelo	R	31760	3.9	67.1	3.7
Gamay Noir	R	34537	4.0	91.4	5.2	Pinot Noir	R	31602	3.9	30.0	1.6
Cinsaut	R	31593	3.7	65.2	3.7	Sauvignon Blanc	W	28084	3.4	22.5	1.2
Pinot Noir	R	26526	3.1	38.5	2.2	Gamay Noir	R	24095	3.0	91.9	5.1
Sauvignon Blanc	W	20933	2.4	32.1	1.8	Cinsaut	R	15930	2.0	69.5	3.8
Sémillon	W	14015	1.6	53.4	3.0	Pinot Meunier	R	12130	1.5	82.5	4.5
Melon	W	13253	1.5	100.0	5.7	Sémillon	W	10234	1.3	54.7	3.0
Pinot Meunier	R	10621	1.2	80.9	4.6	Melon	W	9550	1.2	100.0	5.5
Chenin Blanc	W	9837	1.1	21.5	1.2	Chenin Blanc	W	9432	1.2	29.3	1.6
Aramon Noir	R	9157	1.1	100.0	5.7	Viognier	W	8823	1.1	54.9	3.0
Alicante Henri Bouschet	R	8764	1.0	23.6	1.3	Monastrell	R	8754	1.1	16.9	0.9
Monastrell	R	7634	0.9	10.0	0.6	Colombard	W	8441	1.0	28.1	1.5
Muscat Blanc à Petits Grains	W	6935	0.8	23.1	1.3	Muscat Blanc à Petits Grains	W	7333	0.9	21.7	1.2
Total of above		753598	87.1			Total of above			660665	81.1	

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Georgia											
Prime variety	Col	2000					2016				
		Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Rkatsiteli	W	19741	52.8	29.3	38.3	Rkatsiteli	W	25324	52.8	49.3	46.0
Tsolikouri	W	6161	16.5	100.0	130.6	Tsolikouri	W	7903	16.5	100.0	93.4
Saperavi	R	3704	9.9	55.2	72.1	Saperavi	R	4751	9.9	73.3	68.5
Tsitska	W	2839	7.6	100.0	130.6	Tsitska	W	3642	7.6	100.0	93.4
Chinuri	W	955	2.6	100.0	130.6	Chinuri	W	1225	2.6	100.0	93.4
Mtsvane Kakhuri	W	249	0.7	100.0	130.6	Mtsvane Kakhuri	W	319	0.7	100.0	93.4
Goruli Mtsvane	W	224	0.6	100.0	130.6	Goruli Mtsvane	W	287	0.6	100.0	93.4
Cabernet Sauvignon	R	223	0.6	0.1	0.1	Cabernet Sauvignon	R	286	0.6	0.1	0.1
Aleksandrouli	R	219	0.6	100.0	130.6	Aleksandrouli	R	281	0.6	100.0	93.4
Pinot Blanc	W	171	0.5	1.0	1.3	Pinot Blanc	W	219	0.5	1.6	1.5
Tsulukidzis Tetra	W	152	0.4	100.0	130.6	Tsulukidzis Tetra	W	195	0.4	100.0	93.4
Aligoté	W	97	0.3	0.3	0.4	Aligoté	W	124	0.3	0.5	0.4
Aladasturi	R	46	0.1	100.0	130.6	Aladasturi	R	59	0.1	100.0	93.4
Krakhuna	W	36	0.1	100.0	130.6	Krakhuna	W	46	0.1	100.0	93.4
Tavkveri	R	29	0.1	100.0	130.6	Tavkveri	R	37	0.1	100.0	93.4
Ojaleshi	R	25	0.1	100.0	130.6	Ojaleshi	R	32	0.1	100.0	93.4
Chkhaveri	G	20	0.1	100.0	130.6	Chkhaveri	G	26	0.1	100.0	93.4
Kisi	W	20	0.1	100.0	130.6	Kisi	W	26	0.1	100.0	93.4
Usakhelouri	R	8	0.0	100.0	130.6	Usakhelouri	R	10	0.0	100.0	93.4
Khikhvi	W	5	0.0	100.0	130.6	Khikhvi	W	6	0.0	100.0	93.4
Total of above		34924	93.3			Total of above		44801	93.3		

Germany											
Prime variety	Col	2000					2016				
		Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Riesling	W	22350	21.4	51.6	24.2	Riesling	W	21540	22.8	36.0	17.1
Müller-Thurgau	W	20706	19.9	61.6	28.9	Müller-Thurgau	W	11664	12.3	59.8	28.4
Pinot Noir	R	8643	8.3	12.6	5.9	Pinot Noir	R	11184	11.8	10.6	5.0
Silvaner	W	6859	6.6	62.1	29.1	Dornfelder	R	7761	8.2	98.6	46.8
Kerner	W	6846	6.6	96.0	45.0	Pinot Gris	G	4887	5.2	10.1	4.8
Blauer Portugieser	R	4878	4.7	53.3	25.0	Silvaner	W	4627	4.9	76.2	36.2
Dornfelder	R	3765	3.6	100.0	46.9	Pinot Blanc	W	4323	4.6	31.4	14.9
Bacchus	W	3262	3.1	96.7	45.3	Blauer Portugieser	R	3177	3.4	48.2	22.9
Scheurebe	W	3126	3.0	85.5	40.1	Kerner	W	2646	2.8	91.5	43.4
Pinot Gris	G	2637	2.5	14.0	6.5	Schiava Grossa	R	2197	2.3	97.4	46.2
Schiava Grossa	R	2530	2.4	66.8	31.3	Pinot Meunier	R	2002	2.1	13.6	6.5
Pinot Blanc	W	2396	2.3	14.1	6.6	Regent	R	1902	2.0	96.4	45.7
Pinot Meunier	R	2289	2.2	17.4	8.2	Blaufränkisch	R	1737	1.8	10.1	4.8
Faberrebe	W	1586	1.5	100.0	46.9	Bacchus	W	1610	1.7	91.5	43.4
Huxelrebe	W	1289	1.2	100.0	46.9	Chardonnay	W	1485	1.6	0.7	0.3
Chasselas	W	1198	1.1	9.0	4.2	Scheurebe	W	1266	1.3	77.9	36.9
Morio-Muskat	W	1167	1.1	98.2	46.1	Chasselas	W	1046	1.1	14.2	6.7
Blaufränkisch	R	1118	1.1	8.0	3.7	Gewürztraminer	W	824	0.9	6.4	3.0
Ortega	W	1054	1.0	100.0	46.9	Sauvignon Blanc	W	736	0.8	0.6	0.3
Elbling	W	1043	1.0	86.4	40.5	Sankt Laurent	R	633	0.7	19.3	9.2
Total of above		98742	94.7			Total of above		87247	92.3		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Greece											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Savatiano	W	12747	25.0	100.0	96.0	Savatiano	W	10268	20.2	100.0	88.2
Roditis (R)	G	6945	13.6	100.0	96.0	Roditis	G	8463	16.6	100.0	88.2
Liatiko	R	2476	4.9	100.0	96.0	Agiorgitiko	R	3270	6.4	99.9	88.1
Agiorgitiko	R	2320	4.6	100.0	96.0	Liatiko	R	2633	5.2	100.0	88.2
Moschomavro	R	2295	4.5	100.0	96.0	Muscat of Hamburg	R	2288	4.5	29.8	26.3
Muscat Blanc à Petits Grains	W	2232	4.4	7.4	7.1	Xinomavro	R	2135	4.2	100.0	88.2
Xinomavro	R	1816	3.6	100.0	96.0	Cabernet Sauvignon	R	1929	3.8	0.6	0.5
Athiri	W	1350	2.7	100.0	96.0	Assyrtiko	W	1770	3.5	100.0	88.2
Kotsifali	R	1148	2.3	100.0	96.0	Mavrouda	R	1658	3.3	100.0	88.2
Assyrtiko	W	1106	2.2	100.0	96.0	Muscat Blanc à Petits Grains	W	1568	3.1	4.6	4.1
Mandilaria	R	845	1.7	100.0	96.0	Merlot	R	1393	2.7	0.5	0.5
Trebbiano Toscano	W	746	1.5	0.5	0.5	Kotsifali	R	1338	2.6	100.0	88.2
Moschofilero	G	718	1.4	100.0	96.0	Romeiko	R	1131	2.2	100.0	88.2
Cabernet Sauvignon	R	688	1.4	0.3	0.3	Moschofilero	G	1088	2.1	100.0	88.2
Mavrodafni	R	537	1.1	100.0	96.0	Syrah	R	1042	2.0	0.6	0.5
Vilana	W	506	1.0	100.0	96.0	Mandilaria	R	932	1.8	100.0	88.2
Vertzami	R	491	1.0	100.0	96.0	Roditis (R)	G	828	1.6	100.0	88.2
Debina	W	455	0.9	100.0	96.0	Muscat of Alexandria	W	773	1.5	2.2	2.0
Asprouda	W	433	0.9	100.0	96.0	Sauvignon Blanc	W	727	1.4	0.6	0.5
Monemvassia	W	418	0.8	100.0	96.0	Chardonnay	W	673	1.3	0.3	0.3
Total of above		40271	79.1			Total of above		45908	90.3		

Hungary											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Blaufränkisch	R	6920	8.0	49.4	27.8	Blaufränkisch	R	7260	11.4	42.3	29.7
Graševina	W	6677	7.7	7.2	4.1	Bianca	W	4898	7.7	50.2	35.2
Furmint	W	3480	4.0	100.0	56.2	Cserszegi Fűszeres	G	4299	6.7	100.0	70.2
Müller-Thurgau	W	3278	3.8	9.8	5.5	Graševina	W	3933	6.2	16.1	11.3
Ezerjó	W	3157	3.6	100.0	56.3	Furmint	W	3862	6.0	87.1	61.1
Chardonnay	W	2954	3.4	2.0	1.1	Cabernet Sauvignon	R	2677	4.2	0.9	0.6
Arany Sárfehér	W	2914	3.4	100.0	56.3	Chardonnay	W	2464	3.9	1.2	0.9
Zalagyöngye	W	2550	2.9	58.9	33.1	Merlot	R	1961	3.1	0.7	0.5
Zweigelt	R	2266	2.6	31.2	17.5	Zweigelt	R	1687	2.6	18.6	13.1
Cserszegi Fűszeres	G	2185	2.5	100.0	56.3	Aletta	W	1676	2.6	100.0	70.2
Chasselas	W	1902	2.2	14.3	8.0	Müller-Thurgau	W	1670	2.6	8.6	6.0
Riesling	W	1619	1.9	3.7	2.1	Hárslevelű	W	1603	2.5	99.0	69.5
Silvaner	W	1619	1.9	14.7	8.2	Pinot Gris	G	1594	2.5	3.3	2.3
Muscat Blanc à Petits Grains	W	1538	1.8	5.1	2.9	Irsai Olivér	W	1531	2.4	85.5	60.0
Muscat Ottonel	W	1416	1.6	11.6	6.5	Grüner Veltliner	W	1381	2.2	7.2	5.1
Kunleány	W	1376	1.6	100.0	56.3	Cabernet Franc	R	1368	2.1	2.4	1.7
Grüner Veltliner	W	1335	1.5	5.7	3.2	Riesling	W	1261	2.0	2.1	1.5
Blauer Portugieser	R	1255	1.4	13.7	7.7	Muscat Ottonel	W	1256	2.0	10.1	7.1
Kővidinka	G	1214	1.4	100.0	56.3	Chasselas	W	1159	1.8	15.7	11.0
Cabernet Sauvignon	R	1052	1.2	0.5	0.3	Pinot Noir	R	1092	1.7	1.0	0.7
Total of above		50707	58.4			Total of above		48631	76.1		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

India											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
			Sultaniye			W	1000	37.0	18.8	311.8	
			Sauvignon Blanc			W	500	18.5	0.4	6.7	
			Syrah			R	500	18.5	0.3	4.6	
			Trebbiano Toscano			W	300	11.1	0.2	4.1	
			Cabernet Sauvignon			R	100	3.7	0.0	0.5	
			Chardonnay			W	100	3.7	0.0	0.8	
			Muscat of Alexandria			W	100	3.7	0.3	4.8	
			Pinot Noir			R	100	3.7	0.1	1.6	
Total of above			Total of above				2700	100.0			
Israel											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Mazuelo	R	971	20.0	0.8	7.7	Cabernet Sauvignon	R	990	19.8	0.3	2.9
Merlot	R	647	13.3	0.3	3.1	Mazuelo	R	935	18.7	2.0	17.7
Cabernet Sauvignon	R	607	12.5	0.3	2.7	Merlot	R	715	14.3	0.3	2.4
Colombard	W	486	10.0	1.3	12.7	Syrah	R	385	7.7	0.2	1.9
Emerald Riesling	W	344	7.1	36.7	369.9	Argaman	R	275	5.5	100.0	896.6
Sauvignon Blanc	W	263	5.4	0.4	4.1	Petit Verdot	R	275	5.5	3.4	30.4
Argaman	R	202	4.2	100.0	1007.5	Colombard	W	220	4.4	0.7	6.6
Muscat of Alexandria	W	202	4.2	0.7	6.9	Muscat of Alexandria	W	220	4.4	0.6	5.7
Chardonnay	W	142	2.9	0.1	1.0	Chardonnay	W	165	3.3	0.1	0.7
Chenin Blanc	W	101	2.1	0.2	2.2	Cabernet Franc	R	110	2.2	0.2	1.8
						Côt	R	110	2.2	0.2	1.9
						Durif	R	110	2.2	2.3	20.5
						Emerald Riesling	W	110	2.2	62.0	555.7
						Sauvignon Blanc	W	110	2.2	0.1	0.8
						Monastrell	R	55	1.1	0.1	0.9
						Tempranillo	R	55	1.1	0.0	0.2
Total of above		3966	81.7			Total of above		4840	96.8		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Italy											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Sangiovese	R	62761	9.9	91.1	7.0	Sangiovese	R	68428	11.3	93.1	6.9
Catarratto Bianco	W	50711	8.0	100.0	7.7	Trebbiano Toscano	W	35441	5.9	29.4	2.2
Trebbiano Toscano	W	39447	6.2	28.8	2.2	Montepulciano	R	32724	5.4	99.4	7.4
Montepulciano	R	28679	4.5	99.8	7.7	Catarratto Bianco	W	28563	4.7	99.8	7.4
Barbera	R	27175	4.3	82.2	6.3	Merlot	R	24057	4.0	9.0	0.7
Merlot	R	21861	3.4	10.2	0.8	Chardonnay	W	19769	3.3	9.8	0.7
Trebbiano Romagnolo	W	19492	3.1	100.0	7.7	Prosecco	W	19730	3.3	98.1	7.3
Negroamaro	R	16619	2.6	100.0	7.7	Trebbiano Romagnolo	W	19059	3.2	100.0	7.4
Garganega	W	16549	2.6	100.0	7.7	Pinot Gris	G	18821	3.1	38.7	2.9
Muscat Blanc à Petits Grains	W	13016	2.0	43.4	3.3	Barbera	R	15006	2.5	84.2	6.2
Malvasia Bianca di Candia	W	11921	1.9	92.5	7.1	Cabernet Sauvignon	R	14240	2.4	4.6	0.3
Chardonnay	W	11687	1.8	8.0	0.6	Nero d'Avola	R	14129	2.3	98.9	7.3
Nero d'Avola	R	11318	1.8	100.0	7.7	Tribidrag	R	13896	2.3	41.3	3.1
Aglianico	R	9264	1.5	99.1	7.6	Muscat Blanc à Petits Grains	W	13334	2.2	39.5	2.9
Inzolia	W	9259	1.5	100.0	7.7	Negroamaro	R	11431	1.9	99.8	7.4
Trebbiano d'Abruzzo	W	8435	1.3	100.0	7.7	Aglianico	R	9627	1.6	98.9	7.3
Manzoni Bianco	W	8290	1.3	100.0	7.7	Malvasia Bianca di Candia	W	9028	1.5	93.2	6.9
Tribidrag	R	7828	1.2	29.1	2.2	Garganega	W	8522	1.4	99.6	7.4
Cabernet Sauvignon	R	7682	1.2	3.4	0.3	Syrah	R	7693	1.3	4.2	0.3
Prosecco	W	7498	1.2	99.9	7.7	Nebbiolo	R	7551	1.2	94.4	7.0
Total of above		389493	61.2			Total of above		391050	64.7		

Japan											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Koshu	G	690	17.8	100.0	1158.8
						Niagara	W	551	14.2	16.9	195.7
						Muscat Bailey A	R	521	13.5	28.6	331.7
						Concord	R	292	7.6	2.8	32.1
						Delaware	G	254	6.6	60.5	700.6
						Campbell Early	R	238	6.1	100.0	1158.8
						Merlot	R	197	5.1	0.1	0.9
						Chardonnay	W	137	3.5	0.1	0.8
						Kerner	W	76	2.0	2.6	30.5
						Kyoho (4N)	R	62	1.6	2.2	26.0
						Zweigelt	R	59	1.5	0.6	7.5
						Cabernet Sauvignon	R	42	1.1	0.0	0.2
						Verdelet	W	39	1.0	98.5	1141.9
						Portland	W	39	1.0	100.0	1158.8
						Yamabudo	R	35	0.9	100.0	1158.8
						Black Queen	R	28	0.7	19.8	229.4
						Ryugan	W	27	0.7	100.0	1158.8
						Adirondac	R	24	0.6	100.0	1158.8
						Yama Sauvignon	R	24	0.6	100.0	1158.8
						Müller-Thurgau	W	22	0.6	0.1	1.3
Total of above						Total of above		3359	86.8		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Kazakhstan											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Rkatsiteli						W	3552	51.2	6.9	44.7	
Bayanshira						W	645	9.3	100.0	646.2	
Saperavi						R	428	6.2	6.6	42.7	
Kuldzhinskii						R	385	5.6	100.0	646.2	
Aligoté						W	277	4.0	1.0	6.6	
Muscat Blanc à Petits Grains (RW)							255	3.7	17.7	114.4	
Pinot Noir						R	180	2.6	0.2	1.1	
Riesling						W	111	1.6	0.2	1.2	
Maiskii Chernyi						R	110	1.6	100.0	646.2	
Cabernet Franc						R	56	0.8	0.1	0.7	
Madrasa						R	28	0.4	100.0	646.2	
Cabernet Sauvignon						R	20	0.3	0.0	0.0	
Ruby						R	9	0.1	100.0	646.2	
Rubinovy Magaracha						R	0	0.0	100.0	646.2	
Total of above											
						Total of above		6056	87.3		
<hr/>											
Korea, Rep.											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Kyoho (4N)	R	2700	50.0	67.4	610.5	Kyoho (4N)	R	2700	50.0	97.8	811.6
Muscat Bailey A	R	1300	24.1	94.8	857.8	Muscat Bailey A	R	1300	24.1	71.4	592.6
Sheridan	R	500	9.3	100.0	905.1	Sheridan	R	500	9.3	100.0	830.2
Delaware	G	100	1.9	42.8	387.1	Delaware	G	100	1.9	23.8	197.4
Total of above											
						Total of above		4600	85.2		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Lebanon											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Cabernet Sauvignon	R	1000	25.0	0.3	3.6
						Chardonnay	W	1000	25.0	0.5	5.6
						Merlot	R	500	12.5	0.2	2.1
						Sauvignon Blanc	W	500	12.5	0.4	4.5
						Syrah	R	300	7.5	0.2	1.9
Total of above											
						Total of above		3300	82.5		

Luxembourg											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Müller-Thurgau	W	459	34.1	1.4	49.6	Müller-Thurgau	W	316	24.3	1.6	55.9
Riesling	W	175	13.0	0.4	14.6	Pinot Gris	G	196	15.1	0.4	13.9
Auxerrois	W	169	12.5	7.3	266.2	Auxerrois	W	190	14.6	6.7	229.7
Elbling	W	164	12.2	13.6	492.3	Riesling	W	162	12.5	0.3	9.3
Pinot Gris	G	155	11.5	0.8	29.7	Pinot Blanc	W	160	12.3	1.2	40.0
Pinot Blanc	W	138	10.2	0.8	29.5	Pinot Noir	R	121	9.3	0.1	4.0
Pinot Noir	R	66	4.9	0.1	3.5	Elbling	W	86	6.6	8.9	305.2
Gewürztraminer	W	12	0.9	0.1	4.1	Chardonnay	W	30	2.3	0.0	0.5
Chardonnay	W	8	0.6	0.0	0.2	Gewürztraminer	W	21	1.6	0.2	5.6
Gamay Noir	R	1	0.1	0.0	0.1	Sankt Laurent	R	4	0.3	0.1	4.2
Silvaner	W	1	0.1	0.0	0.3	Muscat Blanc à Petits Grains	W	1	0.1	0.0	0.1
Total of above		1348	100.0			Total of above		1287	99.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Mexico											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Sultaniye	W	841	15.4	15.8	129.6
						Cabernet Sauvignon	R	756	13.8	0.2	2.0
						Mazuelo	R	448	8.2	0.9	7.8
						Merlot	R	391	7.2	0.1	1.2
						Salvador	R	350	6.4	99.8	818.6
						Chenin Blanc	W	275	5.0	0.9	7.0
						Muscat Blanc à Petits Grains	W	246	4.5	0.7	6.0
						Fiesta	W	230	4.2	100.0	820.3
						Tempranillo	R	229	4.2	0.1	0.9
						Nebbiolo	R	180	3.3	2.3	18.5
						Cardinal	R	168	3.1	10.1	83.0
						Syrah	R	145	2.7	0.1	0.7
						Garnacha Tinta	R	140	2.6	0.1	0.8
						Durif	R	133	2.4	2.8	22.7
						Sauvignon Blanc	W	120	2.2	0.1	0.8
						Palomino Fino	W	109	2.0	0.5	3.9
						Jacquez	R	80	1.5	5.5	45.5
Total of above						Total of above		4841	88.6		

Moldova											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Aligoté	W	15790	17.6	44.3	24.1	Moldova	R	12375	15.0	100.0	54.3
Rkatsiteli	W	11508	12.8	17.1	9.3	Cabernet Sauvignon	R	8169	9.9	2.6	1.4
Isabella	R	11401	12.7	41.5	22.6	Aligoté	W	7765	9.4	28.8	15.7
Sauvignon Blanc	W	8151	9.1	12.5	6.8	Merlot	R	7689	9.3	2.9	1.6
Merlot	R	8123	9.0	3.8	2.1	Sauvignon Blanc	W	6909	8.4	5.5	3.0
Cabernet Sauvignon	R	7590	8.4	3.4	1.9	Chardonnay	W	4133	5.0	2.0	1.1
Pinot Noir	R	6521	7.3	9.5	5.2	Rkatsiteli	W	3898	4.7	7.6	4.1
Chardonnay	W	5134	5.7	3.5	1.9	Isabella	R	3468	4.2	19.5	10.6
Fetească Albă	W	4334	4.8	18.2	9.9	Pinot Noir	R	2366	2.9	2.2	1.2
Gewürztraminer	W	2731	3.0	25.6	13.9	Muscat Ottonel	W	1859	2.3	14.9	8.1
Pinot Gris	G	2042	2.3	10.8	5.9	Riesling	W	1701	2.1	2.8	1.5
Muscat Ottonel	W	1520	1.7	12.4	6.7	Bianca	W	1340	1.6	13.7	7.4
Riesling	W	1343	1.5	3.1	1.7	Pinot Gris	G	1208	1.5	2.5	1.3
Bastardo Magarachsky	R	1040	1.2	52.8	28.7	Kodryanka	R	1143	1.4	100.0	54.3
Saperavi	R	716	0.8	10.7	5.8	Gewürztraminer	W	1099	1.3	8.6	4.7
Sukholimansky Bely	W	599	0.7	36.7	20.0	Fetească Albă	W	954	1.2	7.1	3.9
Pinot Blanc	W	350	0.4	2.1	1.1	Magaracha Rannii	R	884	1.1	100.0	54.3
Müller-Thurgau	W	173	0.2	0.5	0.3	Alb de Suruceni	W	780	0.9	100.0	54.3
Muscat Blanc à Petits Grains	W	172	0.2	0.6	0.3	Cabernet Franc	R	756	0.9	1.3	0.7
Silvaner	W	98	0.1	0.9	0.5	Muscat Yantarnyi	W	683	0.8	100.0	54.3
Total of above		89336	99.4			Total of above		69178	83.8		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Morocco											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Doukkali	R	16557	33.4	100.0	98.5	Italia	W	3333	19.0	64.3	163.8
Cinsaut	R	3940	7.9	8.1	8.0	Cinsaut	R	3239	18.4	14.1	36.0
Muscat of Alexandria	W	3669	7.4	12.4	12.2	Muscat of Alexandria	W	2093	11.9	6.0	15.3
Teneron	R	3488	7.0	100.0	98.5	Mazuelo	R	1230	7.0	2.6	6.6
Abbo	R	2375	4.8	100.0	98.5	Alicante Henri Bouschet	R	919	5.2	2.6	6.5
Mazuelo	R	1692	3.4	1.3	1.3	Chardonnay	W	880	5.0	0.4	1.1
Alicante Henri Bouschet	R	1098	2.2	3.0	2.9	Garnacha Tinta	R	786	4.5	0.5	1.3
Garnacha Tinta	R	802	1.6	0.4	0.4	Sultaniye	W	721	4.1	13.5	34.5
						Cardinal	R	624	3.6	37.6	95.9
						Cabernet Sauvignon	R	604	3.4	0.2	0.5
						Airén	W	440	2.5	0.2	0.5
						Sauvignon Blanc	W	440	2.5	0.4	0.9
						Syrah	R	347	2.0	0.2	0.5
						Merlot	R	333	1.9	0.1	0.3
						Clairette	W	113	0.6	4.7	11.9
Total of above		33621	67.8			Total of above		16104	91.6		

Myanmar											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Syrah	R	27	38.6	0.0	9.5
						Sauvignon Blanc	W	22	31.4	0.0	11.3
						Muscat Blanc à Petits Grains	W	7	10.0	0.0	13.3
						Pinot Noir	R	7	10.0	0.0	4.3
						Tempranillo	R	4	5.0	0.0	1.0
						Petit Verdot	R	2	2.9	0.0	15.8
						Chardonnay	W	2	2.1	0.0	0.5
Total of above						Total of above		70	100.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

New Zealand											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Chardonnay	W	2787	28.0	1.9	9.4	Sauvignon Blanc	W	20497	57.8	16.4	20.8
Sauvignon Blanc	W	2423	24.4	3.7	18.3	Pinot Noir	R	5514	15.5	5.2	6.6
Pinot Noir	R	1098	11.0	1.6	7.8	Chardonnay	W	3117	8.8	1.5	2.0
Merlot	R	657	6.6	0.3	1.5	Pinot Gris	G	2422	6.8	5.0	6.3
Cabernet Sauvignon	R	654	6.6	0.3	1.4	Merlot	R	1239	3.5	0.5	0.6
Riesling	W	490	4.9	1.1	5.6	Riesling	W	767	2.2	1.3	1.6
Müller-Thurgau	W	419	4.2	1.2	6.1	Syrah	R	436	1.2	0.2	0.3
Sémillon	W	229	2.3	0.9	4.3	Gewürztraminer	W	277	0.8	2.2	2.7
Chenin Blanc	W	146	1.5	0.3	1.6	Cabernet Sauvignon	R	275	0.8	0.1	0.1
Gewürztraminer	W	141	1.4	1.3	6.5	Côt	R	129	0.4	0.2	0.3
Pinot Gris	G	127	1.3	0.7	3.3	Viognier	W	129	0.4	0.8	1.0
Cabernet Franc	R	118	1.2	0.2	1.1	Cabernet Franc	R	109	0.3	0.2	0.2
Pinotage	R	73	0.7	1.1	5.5	Sauvignon Blanc (G)	W	104	0.3	9.6	12.2
Côt	R	67	0.7	0.3	1.3	Sémillon	W	63	0.2	0.3	0.4
Reichensteiner	W	62	0.6	19.4	95.5	Grüner Veltliner	W	43	0.1	0.2	0.3
Syrah	R	60	0.6	0.1	0.3	Pinotage	R	38	0.1	0.5	0.7
Breidecker	W	28	0.3	100.0	491.6	Muscat	W	36	0.1	4.8	6.1
Chasselas	W	25	0.3	0.2	0.9	Arneis	W	33	0.1	2.8	3.6
Palomino Fino	W	21	0.2	0.1	0.3	Alvarinho	W	26	0.1	0.5	0.6
Blauburger	R	13	0.1	1.3	6.4	Chenin Blanc	W	24	0.1	0.1	0.1
Total of above		9638	96.9			Total of above		35279	99.5		

North Macedonia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Vranac	R	9500	38.3	100.0	180.9
						Dimyat	W	6500	26.2	67.0	121.3
						Merlot	R	1240	5.0	0.5	0.8
						Cabernet Sauvignon	R	1020	4.1	0.3	0.6
						Tribidrag	R	1000	4.0	3.0	5.4
						Riesling	W	900	3.6	1.5	2.7
						Chardonnay	W	750	3.0	0.4	0.7
						Pinot Noir	R	500	2.0	0.5	0.9
						Rkatsiteli	W	460	1.9	0.9	1.6
						Prokupac	R	445	1.8	32.7	59.2
						Muscat Blanc à Petits Grains	W	400	1.6	1.2	2.1
						Stanušina Crna	R	400	1.6	100.0	180.9
						Muscat of Hamburg	R	350	1.4	4.6	8.2
						Graševina	W	270	1.1	1.1	2.0
						Pamid	R	250	1.0	2.5	4.5
						Župljanka	W	250	1.0	49.5	89.5
						Sauvignon Blanc	W	185	0.7	0.1	0.3
						Žilavka	W	185	0.7	100.0	180.9
						Plavac Mali	R	50	0.2	2.9	5.3
Total of above						Total of above		24655	99.5		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Norway											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Solaris	W	8	60.0	6.3	22727.0
						Rondo	R	4	30.0	7.4	26610.8
Total of above									11	90.0	
Peru											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Negramoll	R	1252	32.7	41.6	486.6
						Italia	W	1011	26.4	19.5	228.1
						Muscat Blanc à Petits Grains	W	361	9.4	1.1	12.5
						Quebranta	R	330	8.6	100.0	1170.2
						Blaufränkisch	R	290	7.6	1.7	19.8
						Red Globe	R	240	6.3	99.1	1159.7
						Pecorino	W	114	3.0	6.5	76.6
						Cardinal	R	53	1.4	3.2	37.4
						Cabernet Sauvignon	R	48	1.3	0.0	0.2
						Flame Seedless	R	42	1.1	76.1	890.9
						Alphonse Lavallée	R	18	0.5	2.8	33.2
						Sultaniye	W	15	0.4	0.3	3.3
						Côt	R	10	0.3	0.0	0.2
						Superior Seedless	W	9	0.2	100.0	1170.2
						Torrontés Riojano	W	8	0.2	0.1	1.1
						Albillito Mayor	W	7	0.2	0.6	7.1
						Ar99	G	5	0.1	100.0	1170.2
						Chenin Blanc	W	2	0.1	0.0	0.1
						Crimson Seedless	R	2	0.1	26.5	310.4
						Crystal	W	2	0.1	1.1	13.4
Total of above						Total of above		3819	99.7		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Portugal											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Castelão	R	14424	7.0	100.0	23.8	Tempranillo	R	17014	9.3	7.8	1.9
Fernão Pires	W	14206	6.9	97.7	23.3	Touriga Franca	R	14217	7.8	100.0	24.5
Tempranillo	R	7356	3.6	7.9	1.9	Castelão	R	12580	6.9	100.0	24.5
Trincadeira	R	7264	3.5	100.0	23.8	Fernão Pires	W	12138	6.6	99.4	24.4
Baga	R	6730	3.3	100.0	23.8	Touriga Nacional	R	11411	6.2	97.3	23.9
Touriga Franca	R	6671	3.3	100.0	23.8	Trincadeira	R	10493	5.7	99.8	24.5
Tinta Barroca	R	5657	2.8	93.5	22.3	Baga	R	6750	3.7	100.0	24.5
Vinhao	R	5296	2.6	89.2	21.3	Síria	W	6438	3.5	91.5	22.5
Touriga Nacional	R	4149	2.0	97.3	23.2	Arinto de Bucelas	W	5409	3.0	100.0	24.5
Codega de Larinho	W	4058	2.0	100.0	23.8	Tinta Barroca	R	4733	2.6	96.1	23.6
Arinto de Bucelas	W	3966	1.9	100.0	23.8	Alicante Henri Bouschet	R	4547	2.5	12.6	3.1
Loureiro	W	3939	1.9	89.7	21.4	Loureiro	W	4402	2.4	93.7	23.0
Marufo	R	3512	1.7	55.4	13.2	Vinhao	R	4055	2.2	90.7	22.3
Azal	W	3302	1.6	100.0	23.8	Syrah	R	4017	2.2	2.2	0.5
Rufete	R	2338	1.1	68.8	16.4	Marufo	R	3367	1.8	71.9	17.6
Rabo de Ovelha	W	2330	1.1	100.0	23.8	Malvasia Fina	W	2922	1.6	89.0	21.9
Malvasia Fina	W	2328	1.1	32.8	7.8	Alvarelhão	R	2860	1.6	98.3	24.1
Vital	W	2246	1.1	100.0	23.8	Palomino Fino	W	2594	1.4	11.2	2.7
Malvasia Preta	R	2210	1.1	100.0	23.8	Mencía	R	2561	1.4	23.2	5.7
Borraçal	R	2035	1.0	76.7	18.3	Cabernet Sauvignon	R	2346	1.3	0.8	0.2
Total of above		#####	50.7			Total of above		134855	73.8		

Romania											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Fetească Albă	W	18211	8.2	76.4	16.8	Fetească Regală	W	12619	6.9	97.1	23.8
Grașevina	W	15014	6.8	16.3	3.6	Fetească Albă	W	12428	6.8	92.9	22.8
Cabernet Sauvignon	R	8620	3.9	3.9	0.9	Merlot	R	11647	6.4	4.4	1.1
Merlot	R	7810	3.5	3.7	0.8	Riesling	W	6121	3.3	10.2	2.5
Aligoté	W	7608	3.4	21.3	4.7	Aligoté	W	5840	3.2	21.7	5.3
Muscat Ottonel	W	5787	2.6	47.2	10.4	Sauvignon Blanc	W	5594	3.1	4.5	1.1
Sauvignon Blanc	W	4613	2.1	7.1	1.6	Cabernet Sauvignon	R	5359	2.9	1.7	0.4
Băbească Neagră	R	3642	1.6	97.9	21.5	Muscat Ottonel	W	4779	2.6	38.3	9.4
Pinot Gris	G	2388	1.1	12.6	2.8	Fetească Neagră	R	2845	1.6	87.6	21.5
Pinot Noir	R	1740	0.8	2.5	0.6	Pamid	R	2716	1.5	27.3	6.7
Fetească Regală	W	1700	0.8	65.9	14.5	Băbească Neagră	R	2696	1.5	100.0	24.5
Chardonnay	W	1376	0.6	0.9	0.2	Pinot Noir	R	1930	1.1	1.8	0.4
Fetească Neagră	R	1214	0.5	100.0	22.0	Chardonnay	W	1878	1.0	0.9	0.2
Muscat Blanc à Petits Grains	W	1012	0.5	3.4	0.7	Muscat Blanc à Petits Grains	W	1579	0.9	4.7	1.1
Grasă de Cotnari	W	850	0.4	100.0	22.0	Pinot Gris	G	1561	0.9	3.2	0.8
Galbenă de Odobești	W	546	0.2	100.0	22.0	Grașevina	W	1437	0.8	5.9	1.4
Rkatsiteli	W	506	0.2	0.8	0.2	Blaufränkisch	R	729	0.4	4.2	1.0
Gewürztraminer	W	445	0.2	4.2	0.9	Grasă de Cotnari	W	571	0.3	90.3	22.2
						Syrah	R	504	0.3	0.3	0.1
						Gewürztraminer	W	469	0.3	3.7	0.9
Total of above		83082	37.4			Total of above		83302	45.6		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Russia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Rkatsiteli	W	13152	23.3	19.5	16.9	Cabernet Sauvignon	R	8528	16.8	2.7	2.4
Pinot Blanc	W	2995	5.3	17.6	15.3	Rkatsiteli	W	6477	12.8	12.6	11.1
Pervenets Magaracha	W	2388	4.2	84.2	73.0	Aligoté	W	5843	11.5	21.7	19.1
Bianca	W	2165	3.8	99.3	86.2	Bianca	W	3513	6.9	36.0	31.8
Aligoté	W	1821	3.2	5.1	4.4	Chardonnay	W	3481	6.9	1.7	1.5
Zalagyöngye	W	1781	3.2	41.1	35.7	Merlot	R	2988	5.9	1.1	1.0
Chardonnay	W	1639	2.9	1.1	1.0	Sauvignon Blanc	W	2501	4.9	2.0	1.8
Cabernet Sauvignon	R	1578	2.8	0.7	0.6	Pervenets Magaracha	W	2238	4.4	81.2	71.7
Riesling	W	1376	2.4	3.2	2.8	Riesling	W	2232	4.4	3.7	3.3
Agadai	W	1265	2.2	100.0	86.8	Isabella	R	1362	2.7	7.6	6.7
Saperavi	R	931	1.7	13.9	12.0	Odessky Cherny	R	1250	2.5	49.8	44.0
						Pinot Noir	R	918	1.8	0.9	0.8
						Levokumskij	R	890	1.8	100.0	88.3
						Pinot Blanc	W	865	1.7	6.3	5.5
						Saperavi	R	716	1.4	11.1	9.8
						Krasnostop Zolotovsky	R	562	1.1	100.0	88.3
						Gewürztraminer	W	500	1.0	3.9	3.4
						Dunavski Lazur	W	483	1.0	100.0	88.3
						Muscat Blanc à Petits Grains	W	483	0.9	1.4	1.3
						Tsimlyansky Cherny	R	451	0.9	100.0	88.3
Total of above		31090	55.2			Total of above		46280	91.1		

Serbia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Graševina	W	33120	48.0	35.9	25.4	Cabernet Sauvignon	R	2111	9.6	0.7	1.4
Prokupac	R	15180	22.0	100.0	70.8	Graševina	W	2037	9.3	8.4	17.0
Chasselas	W	3450	5.0	25.9	18.3	Merlot	R	1968	8.9	0.7	1.5
Muscat of Hamburg	R	2760	4.0	39.1	27.7	Chardonnay	W	1455	6.6	0.7	1.5
						Riesling	W	1361	6.2	2.3	4.6
						Prokupac	R	916	4.2	67.3	137.1
						Sauvignon Blanc	W	741	3.4	0.6	1.2
						Blaufränkisch	R	727	3.3	4.2	8.6
						Pinot Noir	R	633	2.9	0.6	1.2
						Muscat of Hamburg	R	624	2.8	8.1	16.5
						Župljanka	W	255	1.2	50.5	102.9
						Dimyat	W	192	0.9	2.0	4.0
						Muscat Ottonel	W	183	0.8	1.5	3.0
						Gewürztraminer	W	142	0.6	1.1	2.2
						Muscat Fleur d'Oranger	W	116	0.5	38.7	78.9
						Pinot Gris	G	112	0.5	0.2	0.5
						Marselan	R	84	0.4	2.1	4.3
						Cabernet Franc	R	79	0.4	0.1	0.3
						Afus Ali	W	73	0.3	34.4	70.0
						Pamid	R	67	0.3	0.7	1.4
Total of above		54509	79.0			Total of above		13874	63.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Slovakia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Graševina	W	3895	25.0	4.2	13.2	Grüner Veltliner	W	1627	21.0	8.5	49.2
Grüner Veltliner	W	2960	19.0	12.5	39.3	Blaufränkisch	R	1216	15.7	7.1	41.0
Müller-Thurgau	W	1870	12.0	5.6	17.5	Sankt Laurent	R	717	9.3	21.9	126.8
Blaufränkisch	R	1091	7.0	7.8	24.4	Riesling	W	620	8.0	1.0	6.0
Sankt Laurent	R	935	6.0	36.6	114.8	Müller-Thurgau	W	509	6.6	2.6	15.1
Chardonnay	W	623	4.0	0.4	1.3	Cabernet Sauvignon	R	469	6.1	0.2	0.9
Pinot Blanc	W	623	4.0	3.7	11.5	Graševina	W	456	5.9	1.9	10.8
Fetească Albă	W	312	2.0	1.3	4.1	Pinot Blanc	W	416	5.4	3.0	17.5
Fetească Regală	W	312	2.0	12.1	37.9						
Cabernet Sauvignon	R	156	1.0	0.1	0.2						
Silvaner	W	156	1.0	1.4	4.4						
Total of above		12932	83.0			Total of above		6030	77.8		

Slovenia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Graševina	W	3568	15.2	3.9	8.0	Graševina	W	1935	12.1	7.9	22.2
Chardonnay	W	1549	6.6	1.1	2.2	Refosco	R	1340	8.4	100.0	280.3
Terrano	R	1267	5.4	86.8	180.6	Chardonnay	W	1181	7.4	0.6	1.6
Sauvignon Blanc	W	1221	5.2	1.9	3.9	Sauvignon Blanc	W	1121	7.0	0.9	2.5
Merlot	R	1197	5.1	0.6	1.2	Malvazija Istarska	W	915	5.7	32.8	92.0
Ribolla Gialla	W	1127	4.8	80.1	166.8	Žametovka	R	822	5.1	100.0	280.4
						Merlot	R	817	5.1	0.3	0.9
						Blaufränskisch	R	709	4.4	4.1	11.6
						Riesling	W	607	3.8	1.0	2.8
						Ribolla Gialla	W	597	3.7	62.3	174.6
						Muscat Blanc à Petits Grains	W	586	3.7	1.7	4.9
						Furmint	W	546	3.4	12.3	34.5
						Pinot Gris	G	508	3.2	1.0	2.9
						Pinot Blanc	W	424	2.7	3.1	8.6
						Cabernet Sauvignon	R	423	2.6	0.1	0.4
						Sauvignonasse	W	231	1.4	6.0	16.8
						Savagnin Blanc	W	209	1.3	9.2	25.8
						Pinot Noir	R	202	1.3	0.2	0.5
						Kraljevina	W	199	1.2	100.0	280.4
						Müller-Thurgau	W	128	0.8	0.7	1.8
Total of above		9929	42.3			Total of above		13502	84.4		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

South Africa											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Chenin Blanc	W	22566	24.1	49.3	25.7	Chenin Blanc	W	17707	18.5	55.0	25.7
Colombard	W	11432	12.2	29.6	15.4	Colombard	W	11512	12.0	38.4	18.0
Cabernet Sauvignon	R	8824	9.4	4.0	2.1	Cabernet Sauvignon	R	10589	11.1	3.4	1.6
Pinotage	R	6501	6.9	98.9	51.6	Syrah	R	9946	10.4	5.5	2.6
Chardonnay	W	6067	6.5	4.2	2.2	Sauvignon Blanc	W	9246	9.7	7.4	3.5
Syrah	R	5631	6.0	5.5	2.9	Pinotage	R	7052	7.4	98.9	46.3
Sauvignon Blanc	W	5436	5.8	8.3	4.4	Chardonnay	W	6856	7.2	3.4	1.6
Merlot	R	4888	5.2	2.3	1.2	Merlot	R	5558	5.8	2.1	1.0
Muscat of Alexandria	W	4047	4.3	13.7	7.1	Ruby Cabernet	R	2306	2.4	43.4	20.3
Cinsaut	R	3533	3.8	7.3	3.8	Muscat of Alexandria	W	1781	1.9	5.1	2.4
Crouchen	W	2161	2.3	95.7	49.9	Cinsaut	R	1767	1.8	7.7	3.6
Ruby Cabernet	R	2050	2.2	27.6	14.4	Pinot Noir	R	1153	1.2	1.1	0.5
Palomino Fino	W	1632	1.7	5.3	2.8	Sémillon	W	1121	1.2	6.0	2.8
Sémillon	W	1033	1.1	3.9	2.1	Muscat Blanc à Petits Grains	W	839	0.9	2.5	1.2
Clairette	W	938	1.0	21.5	11.2	Cabernet Franc	R	835	0.9	1.5	0.7
Muscat Blanc à Petits Grains	W	773	0.8	2.6	1.3	Viognier	W	822	0.9	5.1	2.4
Cabernet Franc	R	488	0.5	0.9	0.5	Petit Verdot	R	749	0.8	9.2	4.3
Pinot Noir	R	487	0.5	0.7	0.4	Monastrell	R	473	0.5	0.9	0.4
Riesling	W	477	0.5	1.1	0.6	Côt	R	452	0.5	0.9	0.4
Servant	W	432	0.5	81.5	42.5	Nouvelle	W	428	0.4	100.0	46.8
Total of above		89394	95.4			Total of above		91193	95.2		

Spain											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Airén	W	387978	32.8	100.0	4.1	Airén	W	203276	23.0	99.7	5.1
Bobal	R	100128	8.5	100.0	4.1	Tempranillo	R	193597	21.9	88.2	4.5
Garnacha Tinta	R	98131	8.3	45.4	1.9	Bobal	R	59189	6.7	100.0	5.1
Tempranillo	R	79310	6.7	84.9	3.5	Garnacha Tinta	R	54606	6.2	36.4	1.8
Monastrell	R	67160	5.7	88.0	3.6	Monastrell	R	41303	4.7	79.5	4.0
Cayetana Blanca	W	55527	4.7	99.6	4.1	Macabeo	W	36963	4.2	95.7	4.9
Macabeo	W	42902	3.6	89.1	3.7	Cayetana Blanca	W	36252	4.1	99.6	5.1
Palomino Fino	W	27685	2.3	90.7	3.8	Cabernet Sauvignon	R	20139	2.3	6.5	0.3
Alicante Henri Bouschet	R	18321	1.6	49.3	2.0	Palomino Fino	W	20110	2.3	86.7	4.4
Pedro Ximénez	W	14803	1.3	85.7	3.5	Syrah	R	19488	2.2	10.8	0.5
Parellada	W	11188	0.9	100.0	4.1	Alicante Henri Bouschet	R	19294	2.2	53.5	2.7
Mencía	R	11166	0.9	85.0	3.5	Verdejo	W	17923	2.0	100.0	5.1
Chelva	W	10877	0.9	100.0	4.1	Merlot	R	12852	1.5	4.8	0.2
Xarello	W	10299	0.9	100.0	4.1	Muscat of Alexandria	W	9534	1.1	27.4	1.4
Calagran	W	8229	0.7	100.0	4.1	Xarello	W	8534	1.0	100.0	5.1
Mazuelo	R	8103	0.7	6.3	0.3	Pedro Ximénez	W	8528	1.0	96.8	4.9
Tinto Velasco	R	7998	0.7	100.0	4.1	Mencía	R	8489	1.0	76.8	3.9
Merseguera	W	7460	0.6	100.0	4.1	Parellada	W	7137	0.8	100.0	5.1
Pardillo	W	7272	0.6	100.0	4.1	Chardonnay	W	6866	0.8	3.4	0.2
Muscat of Alexandria	W	6144	0.5	20.8	0.9	Mazuelo	R	5461	0.6	11.5	0.6
Total of above		980681	83.0			Total of above		789542	89.4		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Switzerland											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Chasselas	W	5373	35.7	40.3	131.1	Pinot Noir	R	4209	28.4	4.0	12.1
Pinot Noir	R	4601	30.6	6.7	21.7	Chasselas	W	3838	25.9	52.0	157.7
Gamay Noir	R	1977	13.1	5.2	17.0	Gamay Noir	R	1349	9.1	5.1	15.6
Merlot	R	848	5.6	0.4	1.3	Merlot	R	1124	7.6	0.4	1.3
Müller-Thurgau	W	686	4.6	2.0	6.6	Müller-Thurgau	W	465	3.1	2.4	7.2
Chardonnay	W	226	1.5	0.2	0.5	Gamaret	R	425	2.9	96.3	292.0
Silvaner	W	208	1.4	1.9	6.1	Chardonnay	W	359	2.4	0.2	0.5
Pinot Gris	G	149	1.0	0.8	2.6	Silvaner	W	250	1.7	4.1	12.5
Cornalin	R	92	0.6	98.7	320.7	Pinot Gris	G	230	1.6	0.5	1.4
Pinot Blanc	W	77	0.5	0.5	1.5	Garanoir	R	225	1.5	98.2	297.7
Gamaret	R	60	0.4	84.8	275.4	Syrah	R	194	1.3	0.1	0.3
Arvine	W	57	0.4	93.0	302.2	Arvine	W	178	1.2	92.6	280.7
Syrah	R	54	0.4	0.1	0.2	Sauvignon Blanc	W	170	1.1	0.1	0.4
Garanoir	R	50	0.3	65.8	214.0	Cornalin	R	138	0.9	93.8	284.3
Muscat Blanc à Petits Grains	W	44	0.3	0.1	0.5	Rouge du Pays	R	136	0.9	100.0	303.1
Sauvignon Blanc	W	38	0.2	0.1	0.2	Savagnin Blanc	W	127	0.9	5.6	17.0
Cabernet Sauvignon	R	34	0.2	0.0	0.1	Diolinoir	R	120	0.8	98.3	297.8
Marsanne	W	33	0.2	2.2	7.1	Pinot Blanc	W	111	0.8	0.8	2.4
Gewürztraminer	W	31	0.2	0.3	0.9	Cabernet Sauvignon	R	66	0.4	0.0	0.1
Diolinoir	R	25	0.2	79.6	258.5	Cabernet Franc	R	63	0.4	0.1	0.3
Total of above		14664	97.5			Total of above		13776	93.1		

Taiwan											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Kyoho (4N)	R	1303	46.0	32.6	561.6	Black Queen	R	94	63.2	65.6	19773.7
Golden Muscat	W	1190	42.0	100.0	1725.4	Golden Muscat	W	50	33.4	99.2	29910.5
Black Queen	R	227	8.0	40.0	690.5	Musann Blanc	W	5	3.4	100.0	30163.0
Italia	W	113	4.0	10.5	181.7						
Total of above		2833	100.0			Total of above		149	100.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Thailand											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Syrah	R	74	35.9	0.0	8.9
						Malaga Blanc	W	54	26.0	100.0	21598.8
						Black Queen	R	18	8.7	12.6	2712.7
						Chenin Blanc	W	16	7.8	0.1	10.9
						Colombard	W	15	7.0	0.0	10.5
						Cabernet Sauvignon	R	7	3.4	0.0	0.5
						Garnacha Roja (Gris)	G	5	2.5	0.4	76.5
						Tempranillo	R	4	1.8	0.0	0.4
						Muscat	W	3	1.5	0.4	92.8
						Dornfelder	R	3	1.4	0.0	8.0
						Sangiovese	R	2	1.0	0.0	0.6
						Viognier	W	1	0.6	0.0	1.7
						Verdelho	W	1	0.5	0.1	15.0
						Durif	R	1	0.3	0.0	2.4
						Pinot Noir	R	1	0.3	0.0	0.1
Total of above						Total of above			205	98.7	

Tunisia											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Mazuelo	R	7576	45.0	5.9	17.2	Italia	W	644	19.0	12.4	163.8
Garnacha Tinta	R	2020	12.0	0.9	2.7	Cinsaut	R	626	18.4	2.7	36.0
Alicante Henri Bouschet	R	842	5.0	2.3	6.6	Muscat of Alexandria	W	405	11.9	1.2	15.3
Cinsaut	R	842	5.0	1.7	5.0	Mazuelo	R	238	7.0	0.5	6.6
Sangiovese	R	842	5.0	1.2	3.5	Alicante Henri Bouschet	R	178	5.2	0.5	6.5
Cabernet Sauvignon	R	337	2.0	0.2	0.4	Chardonnay	W	170	5.0	0.1	1.1
Monastrell	R	337	2.0	0.4	1.3	Garnacha Tinta	R	152	4.5	0.1	1.3
Syrah	R	337	2.0	0.3	1.0	Sultaniye	W	139	4.1	2.6	34.5
Tribidrag	R	337	2.0	1.3	3.6	Cardinal	R	121	3.6	7.3	95.9
						Cabernet Sauvignon	R	117	3.4	0.0	0.5
						Airén	W	85	2.5	0.0	0.5
						Sauvignon Blanc	W	85	2.5	0.1	0.9
						Syrah	R	67	2.0	0.0	0.5
						Merlot	R	64	1.9	0.0	0.3
						Clairette	W	22	0.6	0.9	11.9
Total of above			13469	80.0		Total of above			3113	91.6	

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Turkey											
	2000					2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Sultaniye	W	2461	18.0	46.2	151.2
						Öküzgözü	R	1601	11.7	100.0	327.2
						Syrah	R	1439	10.5	0.8	2.6
						Boğazkere	R	1436	10.5	100.0	327.2
						Çalkarası	R	806	5.9	100.0	327.2
						Narince	W	787	5.7	100.0	327.2
						Kalecik Karası	R	704	5.1	100.0	327.2
						Dimrit	R	704	5.1	100.0	327.2
						Alicante Henri Bouschet	R	532	3.9	1.5	4.8
						Sémillon	W	529	3.9	2.8	9.3
						Cabernet Sauvignon	R	476	3.5	0.2	0.5
						Cinsaut	R	430	3.1	1.9	6.1
						Merlot	R	415	3.0	0.2	0.5
						Gamay Noir	R	228	1.7	0.9	2.8
						Papazkarası	R	204	1.5	100.0	327.2
						Chardonnay	W	177	1.3	0.1	0.3
						Sauvignon Blanc	W	153	1.1	0.1	0.4
						Mazuelo	R	130	0.9	0.3	0.9
						Muscat Blanc à Petits Grains	W	129	0.9	0.4	1.3
						Adakarası	R	89	0.6	100.0	327.2
Total of above						Total of above		13430	98.0		

Ukraine											
	2000					2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
						Rkatsiteli	W	5775	22.9	11.2	20.0
						Cabernet Sauvignon	R	4935	19.6	1.6	2.8
						Aligoté	W	4814	19.1	17.9	31.8
						Sauvignon Blanc	W	1550	6.2	1.2	2.2
						Chardonnay	W	1500	6.0	0.7	1.3
						Merlot	R	1400	5.6	0.5	0.9
						Riesling	W	1350	5.4	2.3	4.0
						Odessky Cherny	R	1250	5.0	49.8	88.8
						Isabella	R	1200	4.8	6.7	12.0
						Gewürztraminer	W	500	2.0	3.9	6.9
						Pinot Noir	R	385	1.5	0.4	0.7
						Muscat Blanc à Petits Grains	W	338	1.3	1.0	1.8
						Pinot Blanc	W	170	0.7	1.2	2.2
Total of above						Total of above		25166	100.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

United Kingdom											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Bacchus	W	112	12.8	3.3	185.8	Pinot Noir	R	546	29.7	0.5	12.6
Blauburger	R	105	12.0	10.5	586.7	Chardonnay	W	531	28.9	0.3	6.4
Dalkauer	W	100	11.5	100.0	5598.7	Pinot Meunier	R	202	11.0	1.4	33.6
Seyval Blanc	W	85	9.7	21.9	1224.4	Bacchus	W	127	6.9	7.2	175.9
Chardonnay	W	68	7.8	0.0	2.6	Seyval Blanc	W	77	4.2	2.9	69.8
Auxerrois	W	58	6.6	2.5	141.1	Pinot Gris	G	44	2.4	0.1	2.2
Cabernet Dorsa	R	43	4.9	100.0	5598.7	Reichensteiner	W	42	2.3	35.4	862.7
Albalonga	W	41	4.7	71.9	4027.1	Madeleine × Angevine 7672	W	39	2.1	80.0	1949.5
Ehrenfelser	W	34	3.9	11.8	658.7	Rondo	R	37	2.0	72.8	1774.1
						Regent	R	26	1.4	1.3	31.8
						Ortega	W	24	1.3	4.5	109.5
						Müller-Thurgau	W	15	0.8	0.1	1.8
						Pinot Blanc	W	15	0.8	0.1	2.6
						Dornfelder	R	13	0.7	0.2	4.0
						Schönburger	G	9	0.5	26.1	636.6
						Huxelrebe	W	4	0.2	0.8	19.3
Total of above		646	74.0			Total of above		1751	95.2		

United States											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Chardonnay	W	35791	20.4	24.6	6.8	Chardonnay	W	41392	17.3	20.5	3.8
Tribidrag	R	18630	10.6	69.2	19.3	Cabernet Sauvignon	R	40837	17.0	13.1	2.5
Colombard	W	18010	10.3	46.6	13.0	Pinot Noir	R	22998	9.6	21.8	4.1
Cabernet Sauvignon	R	17573	10.0	7.9	2.2	Merlot	R	21251	8.9	8.0	1.5
Merlot	R	16875	9.6	7.9	2.2	Tribidrag	R	18551	7.7	55.1	10.3
Chenin Blanc	W	8433	4.8	18.4	5.1	Syrah	R	9083	3.8	5.0	0.9
Concord	R	8330	4.7	70.5	19.6	Concord	R	8349	3.5	79.2	14.8
Pinot Noir	R	5343	3.0	7.8	2.2	Colombard	W	7991	3.3	26.6	5.0
Barbera	R	4693	2.7	14.2	4.0	Pinot Gris	G	7462	3.1	15.4	2.9
Garnacha Tinta	R	4519	2.6	2.1	0.6	Sauvignon Blanc	W	6747	2.8	5.4	1.0
Sauvignon Blanc	W	4191	2.4	6.4	1.8	Riesling	W	4952	2.1	8.3	1.5
Rubired	R	4153	2.4	100.0	27.8	Rubired	R	4825	2.0	98.2	18.4
Mazuelo	R	3088	1.8	2.4	0.7	Durif	R	3698	1.5	76.9	14.4
Ruby Cabernet	R	2895	1.6	39.0	10.9	Garnacha Tinta	R	2213	0.9	1.5	0.3
Muscat of Alexandria	W	2013	1.1	6.8	1.9	Cabernet Franc	R	2199	0.9	3.9	0.7
Riesling	W	1965	1.1	4.5	1.3	Barbera	R	2131	0.9	12.0	2.2
Syrah	R	1509	0.9	1.5	0.4	Ruby Cabernet	R	2114	0.9	39.8	7.5
Niagara	W	1357	0.8	8.8	2.5	Muscat of Alexandria	W	1987	0.8	5.7	1.1
Cabernet Franc	R	1189	0.7	2.3	0.6	Chenin Blanc	W	1969	0.8	6.1	1.1
Malvasia Bianca di Candia	W	968	0.6	7.5	2.1	Côt	R	1610	0.7	3.1	0.6
Total of above		161524	91.9			Total of above		30200	100.0		

Table 57 (cont.): Winegrape areas and national and global shares (and Varietal Intensity Indexes) for national top 20 varieties, 2000 and 2016

Uruguay											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Muscat of Hamburg	R	2886	32.5	40.8	224.8	Tannat	R	1725	25.6	30.7	204.4
Tannat	R	2433	27.4	43.5	239.4	Muscat of Hamburg	R	1267	18.8	16.5	109.7
Merlot	R	1057	11.9	0.5	2.7	Merlot	R	747	11.1	0.3	1.9
Cabernet Sauvignon	R	675	7.6	0.3	1.7	Trebbiano Toscano	W	682	10.1	0.6	3.8
Cabernet Franc	R	364	4.1	0.7	3.9	Cabernet Sauvignon	R	484	7.2	0.2	1.0
Chardonnay	W	142	1.6	0.1	0.5	Cabernet Franc	R	266	3.9	0.5	3.2
Sauvignon Blanc	W	142	1.6	0.2	1.2	Sauvignon Blanc	W	144	2.1	0.1	0.8
Syrah	R	62	0.7	0.1	0.3	Marselan	R	120	1.8	3.0	20.2
						Chardonnay	W	119	1.8	0.1	0.4
						Isabella	R	102	1.5	0.6	3.8
						Syrah	R	67	1.0	0.0	0.2
						Pinot Noir	R	56	0.8	0.1	0.4
						Arinarnoa	R	45	0.7	9.3	61.5
						Côt	R	43	0.6	0.1	0.5
						Viognier	W	41	0.6	0.3	1.7
						Petit Verdot	R	26	0.4	0.3	2.1
						Nebbiolo	R	25	0.4	0.3	2.1
						Alicante Henri Bouschet	R	24	0.4	0.1	0.4
						Concord	R	24	0.4	0.2	1.5
						Muscat of Alexandria	W	22	0.3	0.1	0.4
Total of above		7762	87.4			Total of above		6029	89.4		

Missing 9											
2000						2016					
Prime variety	Col	Area	Nat'l share	Glob'l share	VII*	Prime variety	Col	Area	Nat'l share	Glob'l share	VII*
Cabernet Sauvignon	R	20373	25.4	9.1	5.6						
Rkatsiteli	W	10549	13.1	15.7	9.5						
Aligoté	W	6916	8.6	19.4	11.8						
Merlot	R	5549	6.9	2.6	1.6						
Chardonnay	W	3120	3.9	2.1	1.3						
Sauvignon Blanc	W	2383	3.0	3.7	2.2						
Riesling	W	2279	2.8	5.3	3.2						
Sultaniye	W	1820	2.3	15.0	9.1						
Odessky Cherny	R	1694	2.1	100.0	60.9						
Isabella	R	1673	2.1	6.1	3.7						
Saperavi	R	1356	1.7	20.2	12.3						
Syrah	R	1278	1.6	1.2	0.8						
Öküzgözü	R	1033	1.3	100.0	60.9						
Sukholimansky Bely	W	1032	1.3	63.3	38.5						
Muscat Blanc à Petits Grains	W	981	1.2	3.3	2.0						
Carmenère	R	945	1.2	16.5	10.1						
Bastardo Magarachsky	R	929	1.2	47.2	28.7						
Negramoll	R	874	1.1	24.6	15.0						
Boğazkere	R	773	1.0	100.0	60.9						
Pinot Noir	R	741	0.9	1.1	0.7						
Total of above		66299	82.6			Total of above					

Table 58: Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Algeria												
2000							2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share			VII*
			NVII*	VII*	Prime variety				NVII*	VII*	Prime variety	
Cinsaut	R	7550	25.0	1.5	25.2	Mazuelo	R	3000	36.1	0.6	34.2	
Mazuelo	R	7550	25.0	1.4	9.6	Garnacha Tinta	R	2000	24.1	0.4	7.2	
Garnacha Tinta	R	6040	20.0	1.0	4.5	Syrah	R	1000	12.0	0.1	3.0	
Alicante Henri Bouschet	R	3020	10.0	0.6	13.2	Merlot	R	1000	12.0	0.1	2.0	
Pinot Noir	R	1510	5.0	0.2	3.6	Cabernet Sauvignon	R	1000	12.0	0.1	1.7	
Syrah	R	1510	5.0	0.2	2.4	Muscat of Alexandria	W	200	2.4	0.0	3.1	
Merlot	R	1510	5.0	0.0	1.1	Sultaniye	W	100	1.2	0.0	10.1	
Cabernet Sauvignon	R	1510	5.0	0.0	1.1							
Total of above		30200	100.0			Total of above		8300	100.0			

Argentina												
2000							2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share			VII*
			NVII*	VII*	Prime variety				NVII*	VII*	Prime variety	
Cereza	G	31113	15.8	6.1	24.8	Côt	R	40401	19.6	8.5	16.8	
Criolla Grande	R	24264	12.3	4.8	24.8	Cereza	G	28887	14.0	6.1	21.7	
Côt	R	18230	9.2	3.5	17.2	Douce Noire	R	19072	9.2	4.1	21.0	
Douce Noire	R	15659	7.9	3.1	21.2	Criolla Grande	R	15596	7.6	3.3	21.7	
Pedro Giménez	W	14862	7.5	2.9	24.8	Pedro Giménez	W	11197	5.4	2.3	15.6	
Muscat Blanc à Petits Grains (G W	W	10442	5.3	2.1	24.8	Torrontés Riojano	W	8208	4.0	1.7	20.1	
Torrontés Riojano	W	8127	4.1	1.6	24.5	Muscat Blanc à Petits Grains (G W	W	6526	3.2	1.4	17.2	
Cabernet Sauvignon	R	13776	7.0	1.0	1.5	Syrah	R	12707	6.2	1.0	1.5	
Syrah	R	8888	4.5	1.0	2.1	Aspiran Bouschet	R	4087	2.0	0.9	21.7	
Muscat of Alexandria	W	5515	2.8	0.9	4.6	Torrontés Sanjuanino	W	1885	0.9	0.4	11.2	
Torrontés Sanjuanino	W	3170	1.6	0.6	24.8	Muscat of Alexandria	W	2716	1.3	0.2	1.7	
Red Globe	R	1940	1.0	0.4	22.7	Cabernet Sauvignon	R	15356	7.4	0.2	1.1	
Chenin Blanc	W	3445	1.7	0.3	1.9	Ancellotta	R	991	0.5	0.2	7.9	
Gibi	W	1227	0.6	0.2	24.8	Gibi	W	785	0.4	0.2	21.7	
Béquignol Noir	R	1082	0.5	0.2	24.7	Chenin Blanc	W	2157	1.0	0.2	1.5	
Tempranillo	R	4720	2.4	0.2	1.3	Torrontes Mendocino	W	653	0.3	0.1	21.7	
Torrontes Mendocino	W	780	0.4	0.2	24.8	Béquignol Noir	R	616	0.3	0.1	21.7	
Damaschino	W	827	0.4	0.1	6.4	Tannat	R	837	0.4	0.1	3.2	
Sauvignonasse	W	756	0.4	0.1	3.4	Damaschino	W	527	0.3	0.1	7.1	
Cardinal	R	680	0.3	0.1	4.3	Petit Verdot	R	740	0.4	0.1	2.0	
Total of above		169503	85.9			Total of above		173939	84.3			

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Armenia											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Rkatsiteli	W	2469	22.0	0.5	16.0	white varieties	W	10300	70.0	2.3	304.9
Mskhali	W	1093	9.8	0.2	436.2	red varieties	R	4405	30.0	1.0	304.9
Garandmak	W	931	8.3	0.2	436.2						
Kangun	W	850	7.6	0.2	436.2						
Voskeat	W	809	7.2	0.2	436.2						
Muscat Blanc à Petits Grains	W	526	4.7	0.1	7.7						
Total of above		6677	59.6			Total of above		14705	100.0		
Australia											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Syrah	R	29295	22.4	5.4	10.7	Syrah	R	38942	29.4	7.5	7.3
Cabernet Sauvignon	R	24997	19.1	3.9	4.2	Chardonnay	W	21321	16.1	3.4	3.6
Chardonnay	W	17266	13.2	2.7	4.4	Cabernet Sauvignon	R	23987	18.1	3.3	2.6
Sultaniye	W	10298	7.9	2.0	31.8	Sémillon	W	4556	3.4	0.9	8.2
Sémillon	W	6528	5.0	1.2	9.3	Sauvignon Blanc	W	6044	4.6	0.5	1.6
Ruby Cabernet	R	2424	1.9	0.5	12.2	Pinot Gris	G	3652	2.8	0.5	2.5
Riesling	W	3129	2.4	0.4	2.7	Pinot Noir	R	4806	3.6	0.4	1.5
Merlot	R	7669	5.9	0.4	1.3	Riesling	W	3114	2.4	0.3	1.8
Muscat of Alexandria	W	2495	1.9	0.3	3.2	Muscat of Alexandria	W	2179	1.6	0.3	2.1
Pinot Noir	R	3223	2.5	0.3	1.8	Verdelho	W	1016	0.8	0.2	22.7
Verdelho	W	1293	1.0	0.3	29.4	Colombard	W	1789	1.4	0.2	2.0
Sauvignon Blanc	W	2602	2.0	0.2	1.5	Petit Verdot	R	1118	0.8	0.2	4.7
Colombard	W	1801	1.4	0.2	1.7	Savagnin Blanc	W	870	0.7	0.2	13.0
Korinthiaki	R	778	0.6	0.2	34.9	Ruby Cabernet	R	849	0.6	0.2	5.4
Petit Verdot	R	721	0.6	0.1	16.5	Merlot	R	8415	6.4	0.1	1.1
Muscat Blanc à Petits Grains (R W)	380	0.3	0.1	12.3	Durif	R	540	0.4	0.1	3.8	
Afus Ali	W	328	0.3	0.1	6.7	Viognier	W	753	0.6	0.1	1.6
Gewürztraminer	W	521	0.4	0.0	1.8	Muscat Blanc à Petits Grains (R W)	240	0.2	0.0	5.7	
Marsanne	W	216	0.2	0.0	5.3	Canada Muscat	W	120	0.1	0.0	33.9
Durif	R	181	0.1	0.0	5.7	Marsanne	W	161	0.1	0.0	3.0
Total of above		116147	88.9			Total of above		124472	94.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Austria											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Grüner Veltliner	W	17479	36.0	3.5	74.6	Grüner Veltliner	W	14376	31.6	3.2	74.2
Zweigelt	R	4350	9.0	0.9	60.3	Zweigelt	R	6311	13.9	1.4	68.7
Graševina	W	4323	8.9	0.7	4.7	Graševina	W	3233	7.1	0.7	13.1
Müller-Thurgau	W	3289	6.8	0.6	9.9	Blaufränkisch	R	2808	6.2	0.6	16.1
Pinot Blanc	W	2936	6.1	0.6	17.4	Pinot Blanc	W	1916	4.2	0.4	13.7
Blaufränkisch	R	2641	5.4	0.5	19.0	Müller-Thurgau	W	1777	3.9	0.4	9.0
Blauer Portugieser	R	2358	4.9	0.5	26.0	Riesling	W	2016	4.4	0.3	3.3
Riesling	W	1643	3.4	0.2	3.8	Blauer Portugieser	R	1265	2.8	0.3	18.9
Neuburger	W	1094	2.3	0.2	76.9	Blauburger	R	750	1.7	0.2	60.5
Blauburger	R	884	1.8	0.2	88.9	Sankt Laurent	R	724	1.6	0.2	21.8
Früroter Veltliner	R	626	1.3	0.1	99.8	Neuburger	W	507	1.1	0.1	86.5
Scheurebe	W	529	1.1	0.1	14.6	Muscat Blanc à Petits Grains	W	823	1.8	0.1	2.4
Blauer Wildbacher	R	464	1.0	0.1	99.0	Blauer Wildbacher	R	434	1.0	0.1	98.0
Sankt Laurent	R	415	0.9	0.1	16.4	Früroter Veltliner	R	369	0.8	0.1	93.7
Bouvier	W	365	0.8	0.1	100.8	Scheurebe	W	351	0.8	0.1	21.3
Goldburger	W	309	0.6	0.1	100.8	Savagnin Blanc	W	288	0.6	0.1	12.5
Muscat Ottonel	W	418	0.9	0.1	3.4	Muscat Ottonel	W	344	0.8	0.0	2.7
Gewürztraminer	W	363	0.7	0.1	3.4	Bouvier	W	216	0.5	0.0	95.3
Roter Veltliner	G	258	0.5	0.1	100.8	Rösler	R	216	0.5	0.0	98.2
Rotgipfler	W	118	0.2	0.0	100.8	Roter Veltliner	G	198	0.4	0.0	98.7
Total of above		44861	92.5			Total of above		38921	85.7		

Brazil											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Isabella	R	14285	27.0	2.9	48.1	Isabella	R	11664	35.1	2.6	88.4
Niagara	W	13436	25.4	2.7	81.0	Cabernet Franc	R	6834	20.6	1.4	16.5
Cabernet Franc	R	3784	7.2	0.7	6.7	Couderc Noir	R	1938	5.8	0.4	122.5
Concord	R	2509	4.7	0.5	19.6	Concord	R	1687	5.1	0.4	21.6
Seibel	R	1967	3.7	0.4	91.4	Niagara	W	1430	4.3	0.3	59.1
Herbemont	R	1453	2.7	0.3	92.5	Jacquez	R	1274	3.8	0.3	119.2
Muscat of Alexandria	W	809	1.5	0.1	2.5	Moscato Embrapa	W	683	2.1	0.2	135.0
Couderc Noir	R	299	0.6	0.1	45.1	Muscat	W	671	2.0	0.1	121.8
Jacquez	R	170	0.3	0.0	69.6	Violeta	R	636	1.9	0.1	135.0
Tannat	R	182	0.3	0.0	3.0	Cora	R	570	1.7	0.1	135.0
Sémillon	W	384	0.7	0.0	1.4	Lorena	W	500	1.5	0.1	135.0
Gewürztraminer	W	140	0.3	0.0	1.2	Seibel	R	478	1.4	0.1	133.7
Graševina	W	880	1.7	0.0	0.9	Couderc 13	W	474	1.4	0.1	135.0
Sauvignon Blanc	W	140	0.3	-0.1	0.2	Niagara Red	R	469	1.4	0.1	135.0
Trebbiano Toscano	W	688	1.3	-0.2	0.5	Carmem	R	328	1.0	0.1	135.0
Chardonnay	W	330	0.6	-0.3	0.2	Concord Clone 30	R	196	0.6	0.0	135.0
Cabernet Sauvignon	R	587	1.1	-0.4	0.2	Rúbea	R	181	0.5	0.0	135.0
Merlot	R	469	0.9	-0.4	0.2	Herbemont	R	112	0.3	0.0	135.0
						Malvasia Bianca di Candia	W	165	0.5	0.0	2.3
						Moscato Giallo	W	90	0.3	0.0	7.4
Total of above		42512	80.5			Total of above		30380	91.5		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Bulgaria											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Pamid	R	22581	23.5	4.5	50.6	Merlot	R	10050	19.0	1.5	3.2
Rkatsiteli	W	9429	9.8	1.7	7.1	Pamid	R	6874	13.0	1.5	58.4
Dimyat	W	7649	8.0	1.5	50.3	Cabernet Sauvignon	R	9327	17.6	1.3	2.5
Merlot	R	11169	11.6	1.4	2.7	Rkatsiteli	W	5415	10.2	1.1	8.9
Cabernet Sauvignon	R	10441	10.9	1.2	2.4	Misket Cherven	G	4349	8.2	1.0	84.6
Shiroka Melnishka	R	3804	4.0	0.8	50.9	Muscat Ottonel	W	3679	6.9	0.8	25.0
Misket	W	3764	3.9	0.8	50.9	Dimyat	W	2998	5.7	0.6	26.2
Cardinal	R	3035	3.2	0.6	39.9	Shiroka Melnishka	R	1205	2.3	0.3	84.6
Muscat Ottonel	W	2914	3.0	0.5	12.1	Mavrud	R	1193	2.3	0.3	84.6
Graševina	W	3602	3.8	0.4	2.0	Kadarka	R	1161	2.2	0.3	60.5
Kadarka	R	1619	1.7	0.3	31.3	Chardonnay	W	3087	5.8	0.2	1.3
Aligoté	W	1659	1.7	0.2	2.4	Gewürztraminer	W	591	1.1	0.1	3.9
Gewürztraminer	W	971	1.0	0.2	4.6	Aligoté	W	285	0.5	0.0	0.9
Mavrud	R	647	0.7	0.1	50.9	Cabernet Franc	R	240	0.5	-0.1	0.4
Königin der Weingärten	W	567	0.6	0.1	38.4	Trebbiano Toscano	W	738	1.4	-0.2	0.5
Muscat of Hamburg	R	445	0.5	0.1	3.2	Sauvignon Blanc	W	637	1.2	-0.2	0.4
Riesling	W	647	0.7	0.0	0.8	Pinot Noir	R	342	0.6	-0.2	0.3
Pinot Noir	R	769	0.8	-0.1	0.6	Syrah	R	804	1.5	-0.3	0.4
Trebbiano Toscano	W	1821	1.9	-0.2	0.7						
Sauvignon Blanc	W	405	0.4	-0.2	0.3						
Total of above		87938	91.6			Total of above		52974	100.0		

Cambodia											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
						Black Queen	R	3	30.0	0.0	9379.7
						Syrah	R	3	30.0	0.0	7.4
						Merlot	R	2	20.0	0.0	3.4
						Cabernet Sauvignon	R	2	20.0	0.0	2.9
Total of above						Total of above		10	100.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Canada											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Concord	R	977	11.5	0.2	47.6	Seyval Blanc	W	2259	17.9	0.5	297.8
Chardonnay	W	973	11.5	0.1	3.8	Riesling	W	1188	9.4	0.2	7.1
Vidal	W	514	6.0	0.1	483.9	Chardonnay	W	1417	11.2	0.2	2.5
Cabernet Franc	R	567	6.7	0.1	6.3	Baco Noir	R	704	5.6	0.2	340.8
Niagara	W	461	5.4	0.1	17.3	Cabernet Franc	R	820	6.5	0.1	5.2
Riesling	W	482	5.7	0.1	6.4	Pinot Gris	G	649	5.1	0.1	4.8
Pinot Noir	R	457	5.4	0.1	3.8	Gewürztraminer	W	398	3.2	0.1	11.1
Merlot	R	674	7.9	0.1	1.8	Pinot Noir	R	639	5.1	0.1	2.2
Baco Noir	R	279	3.3	0.1	404.1	Arinarnoa	R	289	2.3	0.1	211.6
Gewürztraminer	W	237	2.8	0.0	12.8	Gamay Noir	R	272	2.2	0.0	3.7
Gamay Noir	R	263	3.1	0.0	4.0	Concord	R	183	1.4	0.0	6.2
Cabernet Sauvignon	R	569	6.7	0.0	1.5	Millot-Foch	R	124	1.0	0.0	348.8
Pinot Gris	G	210	2.5	0.0	6.4	Maréchal Foch	R	94	0.7	0.0	146.2
Seyval Blanc	W	132	1.5	0.0	194.6	Niagara	W	87	0.7	0.0	9.5
De Chaunac	R	119	1.4	0.0	368.8	Pinot Blanc	W	109	0.9	0.0	2.8
Pinot Blanc	W	146	1.7	0.0	4.9	L'Acadie Blanc	W	65	0.5	0.0	355.8
Maréchal Foch	R	109	1.3	0.0	362.8	Frontenac	R	64	0.5	0.0	107.0
Fredonia	R	73	0.9	0.0	488.3	Viognier	W	101	0.8	0.0	2.2
Elvira	W	69	0.8	0.0	115.2	Vidal	W	59	0.5	0.0	10.9
Sauvignon Blanc	W	148	1.7	0.0	1.3	De Chaunac	R	53	0.4	0.0	184.6
Total of above		7458	87.8			Total of above		9574	76.0		

Chile											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Cabernet Sauvignon	R	35967	31.6	6.3	6.9	Cabernet Sauvignon	R	42409	29.1	7.2	4.2
Listan Prieto	R	15181	13.3	3.0	40.1	Sauvignon Blanc	W	14999	10.3	2.4	3.7
Merlot	R	12825	11.3	1.6	2.6	Carmenère	R	10503	7.2	2.2	14.4
Sauvignon Blanc	W	6662	5.8	1.1	4.4	Listan Prieto	R	9693	6.6	2.1	29.0
Carmenère	R	4719	4.1	0.9	35.4	Alicante Henri Bouschet	R	6908	4.7	1.3	5.9
Chardonnay	W	7672	6.7	0.9	2.3	Chardonnay	W	11435	7.8	1.1	1.7
Malvasia Fina	W	4305	3.8	0.8	26.0	Muscat of Alexandria	W	5424	3.7	1.0	4.8
Alicante Henri Bouschet	R	2882	2.5	0.4	3.3	Pedro Giménez	W	4379	3.0	0.9	8.6
Pedro Ximénez	W	2379	2.1	0.4	5.9	Merlot	R	12057	8.3	0.8	1.4
Sémillon	W	1893	1.7	0.3	3.1	Syrah	R	7994	5.5	0.5	1.4
Côt	R	929	0.8	0.1	1.5	Torrontés Sanjuanino	W	1771	1.2	0.4	14.9
Blanca Ovoide	W	107	0.1	0.0	42.9	Muscat Blanc à Petits Grains (G)	W	1732	1.2	0.3	6.4
Chasselas	W	404	0.4	0.0	1.3	Pinot Noir	R	4091	2.8	0.1	1.2
Viognier	W	128	0.1	0.0	1.7	Petit Verdot	R	863	0.6	0.1	3.3
Petit Verdot	R	84	0.1	0.0	2.2	Côt	R	2293	1.6	0.1	1.3
Pinot Noir	R	1614	1.4	0.0	1.0	Sauvignonasse	W	658	0.5	0.1	5.2
Sauvignon Blanc (G)	W	7	0.0	0.0	4.0	Torrontés Riojano	W	643	0.4	0.1	2.2
Sauvignonasse	W	132	0.1	0.0	1.0	Viognier	W	839	0.6	0.1	1.6
Marsanne	W	1	0.0	0.0	0.0	Sémillon	W	849	0.6	0.1	1.4
Albillo Real	W	2	0.0	0.0	0.0	Lacrima Christi	R	226	0.2	0.0	30.7
Total of above		97893	85.9			Total of above		139767	95.8		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

China											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
						Cabernet Sauvignon	R	40300	22.6	6.2	3.3
						Carmenère	R	11200	6.3	2.3	12.5
						Merlot	R	16700	9.4	1.4	1.6
						Yan 73	R	4800	2.7	1.0	25.2
						Graševina	W	3000	1.7	0.5	3.1
						Muscat of Alexandria	W	3000	1.7	0.4	2.2
						Beibinghong	R	1600	0.9	0.3	25.2
						Vidal	W	1500	0.8	0.3	19.5
						Longyan	R	1000	0.6	0.2	25.2
						Riesling	W	1600	0.9	-0.2	0.7
						Cabernet Franc	R	600	0.3	-0.4	0.3
						Mazuelo	R	100	0.1	-0.4	0.1
						Chardonnay	W	6100	3.4	-0.4	0.8
						Garnacha Tinta	R	4000	2.2	-0.4	0.7
						Sauvignon Blanc	W	2000	1.1	-0.7	0.4
						Trebbiano Toscano	W	1500	0.8	-0.7	0.3
						Pinot Noir	R	400	0.2	-0.8	0.1
						Syrah	R	1000	0.6	-1.4	0.1
Total of above		0	0			Total of above		#####	56.4		

Croatia											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Graševina	W	16051	27.0	3.1	14.3	Graševina	W	4459	38.0	1.0	69.8
Malvazija Istarska	W	7134	12.0	1.4	77.6	Plavac Mali	R	1664	14.2	0.4	370.5
Plavac Mali	R	6539	11.0	1.3	82.2	Malvazija Istarska	W	1600	13.6	0.4	219.0
Pošip Bijeli	W	6539	11.0	1.3	82.2	Plavina	R	683	5.8	0.2	381.7
Babić	R	1189	2.0	0.2	82.2	Blaufränkisch	R	521	4.4	0.1	11.6
Mondeuse Noire	R	1189	2.0	0.2	69.6	Riesling	W	625	5.3	0.1	4.0
Blaufränkisch	R	1189	2.0	0.2	7.0	Merlot	R	828	7.0	0.0	1.2
						Chardonnay	W	657	5.6	0.0	1.2
						Cabernet Sauvignon	R	709	6.0	0.0	0.9
Total of above		39830	67			Total of above		11746	100.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Cyprus												
2000												
Prime variety	Col	Area	Nat'l				Prime variety	Col	Area	Nat'l		
			NVII*	VII*						NVII*	VII*	
Mavro	R	10969	60.0	2.2	267.4	Mavro		R	3187	62.1	0.7	873.4
Xynisteri	W	2742	15.0	0.6	267.4	Xynisteri		W	1946	37.9	0.4	873.4
Total of above		13711	75.0				Total of above		5133	100.0		

Czechia												
2000												
Prime variety	Col	Area	Nat'l				Prime variety	Col	Area	Nat'l		
			NVII*	VII*						NVII*	VII*	
Grüner Veltliner	W	1700	15.0	0.3	31.1	Grüner Veltliner		W	1538	11.3	0.3	26.5
Müller-Thurgau	W	1586	14.0	0.3	20.4	Müller-Thurgau		W	1479	10.9	0.3	25.0
Graševina	W	1246	11.0	0.2	5.8	Sankt Laurent		R	1183	8.7	0.3	119.2
Sankt Laurent	R	1020	9.0	0.2	172.2	Blaufränkisch		R	1143	8.4	0.2	21.9
Riesling	W	793	7.0	0.1	7.9	Graševina		W	1114	8.2	0.2	15.1
Blaufränkisch	R	680	6.0	0.1	21.0	Riesling		W	1172	8.6	0.2	6.5
Zweigelt	R	453	4.0	0.1	26.9	Zweigelt		R	770	5.7	0.2	28.0
Neuburger	W	340	3.0	0.1	102.3	Pinot Blanc		W	762	5.6	0.2	18.2
Blauer Portugieser	R	340	3.0	0.1	16.0	Pinot Gris		G	826	6.1	0.2	5.6
Chardonnay	W	567	5.0	0.0	1.7	Blauer Portugieser		R	599	4.4	0.1	30.0
						Gewürztraminer		W	591	4.3	0.1	15.2
						Sauvignon Blanc		W	906	6.7	0.1	2.4
						Pinot Noir		R	697	5.1	0.1	2.2
						Chardonnay		W	820	6.0	0.0	1.3
Total of above		8725	77.0			Total of above			13600	100.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Ethiopia												
2000							2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*	
						Sangiovese	R	90	53.2	0.0	32.5	
						Chenin Blanc	W	54	31.9	0.0	44.4	
						Flame Seedless	R	13	7.8	0.0	6326.2	
						Crimson Seedless	R	6	3.3	0.0	19471.4	
						Sultaniye	W	4	2.5	0.0	21.3	
						Red Globe	R	2	1.3	0.0	237.5	
Total of above												
						Total of above						
									169	100.0		
France												
2000							2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*	
Mazuelo	R	95745	11.1	15.0	4.2	Merlot	R	108483	13.3	13.4	2.2	
Trebbiano Toscano	W	90341	10.4	13.5	3.7	Trebbiano Toscano	W	78842	9.7	12.7	3.6	
Merlot	R	101309	11.7	13.0	2.7	Garnacha Tinta	R	78631	9.6	11.5	2.9	
Garnacha Tinta	R	95717	11.1	11.8	2.5	Syrah	R	62211	7.6	6.5	1.9	
Syrah	R	50676	5.9	6.7	2.8	Mazuelo	R	31760	3.9	5.2	3.7	
Gamay Noir	R	34537	4.0	5.7	5.2	Cabernet Franc	R	32327	4.0	4.9	3.2	
Cabernet Franc	R	36094	4.2	5.5	3.9	Gamay Noir	R	24095	3.0	4.3	5.1	
Cinsaut	R	31593	3.7	4.7	3.7	Pinot Noir	R	31602	3.9	2.8	1.6	
Pinot Noir	R	26526	3.1	2.9	2.2	Cinsaut	R	15930	2.0	2.6	3.8	
Cabernet Sauvignon	R	53413	6.2	2.9	1.4	Chardonnay	W	47451	5.8	2.4	1.3	
Melon	W	13253	1.5	2.2	5.7	Pinot Meunier	R	12130	1.5	2.1	4.5	
Chardonnay	W	36496	4.2	2.2	1.4	Melon	W	9550	1.2	1.7	5.5	
Sauvignon Blanc	W	20933	2.4	1.9	1.8	Sémillon	W	10234	1.3	1.5	3.0	
Sémillon	W	14015	1.6	1.9	3.0	Viognier	W	8823	1.1	1.3	3.0	
Pinot Meunier	R	10621	1.2	1.7	4.6	Sauvignon Blanc	W	28084	3.4	1.2	1.2	
Aramon Noir	R	9157	1.1	1.5	5.7	Garnacha Blanca	W	5130	0.6	0.8	3.8	
Garnacha Blanca	W	6461	0.7	0.9	3.4	Chenin Blanc	W	9432	1.2	0.8	1.6	
Mauzac Blanc	W	3310	0.4	0.6	5.7	Colombard	W	8441	1.0	0.7	1.5	
Clairette	W	3274	0.4	0.5	4.2	Marselan	R	3662	0.4	0.7	5.1	
Grolleau Noir	R	3006	0.3	0.5	5.7	Vermentino	W	4642	0.6	0.6	2.2	
Total of above		736479	85.2			Total of above			611458	75.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Georgia												
2000						2016						
Prime variety	Col	Area	Nat'l share				Prime variety	Col	Area	Nat'l share		
			NVII*	VII*						NVII*	VII*	
Rkatsiteli	W	19741	52.8	3.9	38.3	Rkatsiteli	W	25324	52.8	5.5	46.0	
Tsolikouri	W	6161	16.5	1.3	130.6	Tsolikouri	W	7903	16.5	1.7	93.4	
Saperavi	R	3704	9.9	0.7	72.1	Saperavi	R	4751	9.9	1.0	68.5	
Tsitska	W	2839	7.6	0.6	130.6	Tsitska	W	3642	7.6	0.8	93.4	
Chinuri	W	955	2.6	0.2	130.6	Chinuri	W	1225	2.6	0.3	93.4	
Mtsvane Kakhuri	W	249	0.7	0.1	130.6	Mtsvane Kakhuri	W	319	0.7	0.1	93.4	
Goruli Mtsvane	W	224	0.6	0.0	130.6	Goruli Mtsvane	W	287	0.6	0.1	93.4	
Aleksandrouli	R	219	0.6	0.0	130.6	Aleksandrouli	R	281	0.6	0.1	93.4	
Tsulukidzis Tetra	W	152	0.4	0.0	130.6	Tsulukidzis Tetra	W	195	0.4	0.0	93.4	
Aladasturi	R	46	0.1	0.0	130.6	Pinot Blanc	W	219	0.5	0.0	1.5	
Pinot Blanc	W	171	0.5	0.0	1.3	Aladasturi	R	59	0.1	0.0	93.4	
Krakhuna	W	36	0.1	0.0	130.6	Krakhuna	W	46	0.1	0.0	93.4	
Tavkveri	R	29	0.1	0.0	130.6	Tavkveri	R	37	0.1	0.0	93.4	
Ojaleshi	R	25	0.1	0.0	130.6	Ojaleshi	R	32	0.1	0.0	93.4	
Chkhaveri	G	20	0.1	0.0	130.6	Chkhaveri	G	26	0.1	0.0	93.4	
Kisi	W	20	0.1	0.0	130.6	Kisi	W	26	0.1	0.0	93.4	
Usakhelouri	R	8	0.0	0.0	130.6	Usakhelouri	R	10	0.0	0.0	93.4	
Khikhvi	W	5	0.0	0.0	130.6	Khikhvi	W	6	0.0	0.0	93.4	
Otskhanuri Sapere	R	5	0.0	0.0	130.6	Otskhanuri Sapere	R	6	0.0	0.0	93.4	
Aligoté	W	97	0.3	0.0	0.4	Aligoté	W	124	0.3	0.0	0.4	
Total of above		34706	92.7			Total of above		44521	92.8			

Germany												
2000						2016						
Prime variety	Col	Area	Nat'l share				Prime variety	Col	Area	Nat'l share		
			NVII*	VII*						NVII*	VII*	
Riesling	W	22350	21.4	4.4	24.2	Riesling	W	21540	22.8	4.5	17.1	
Müller-Thurgau	W	20706	19.9	4.1	28.9	Müller-Thurgau	W	11664	12.3	2.5	28.4	
Pinot Noir	R	8643	8.3	1.5	5.9	Pinot Noir	R	11184	11.8	2.0	5.0	
Kerner	W	6846	6.6	1.4	45.0	Dornfelder	R	7761	8.2	1.7	46.8	
Silvaner	W	6859	6.6	1.4	29.1	Silvaner	W	4627	4.9	1.0	36.2	
Blauer Portugieser	R	4878	4.7	1.0	25.0	Pinot Blanc	W	4323	4.6	0.9	14.9	
Dornfelder	R	3765	3.6	0.8	46.9	Pinot Gris	G	4887	5.2	0.9	4.8	
Bacchus	W	3262	3.1	0.7	45.3	Blauer Portugieser	R	3177	3.4	0.7	22.9	
Scheurebe	W	3126	3.0	0.6	40.1	Kerner	W	2646	2.8	0.6	43.4	
Schiava Grossa	R	2530	2.4	0.5	31.3	Schiava Grossa	R	2197	2.3	0.5	46.2	
Pinot Gris	G	2637	2.5	0.5	6.5	Regent	R	1902	2.0	0.4	45.7	
Pinot Blanc	W	2396	2.3	0.4	6.6	Pinot Meunier	R	2002	2.1	0.4	6.5	
Pinot Meunier	R	2289	2.2	0.4	8.2	Bacchus	W	1610	1.7	0.4	43.4	
Faberrebe	W	1586	1.5	0.3	46.9	Blaufränkisch	R	1737	1.8	0.3	4.8	
Huxelrebe	W	1289	1.2	0.3	46.9	Scheurebe	W	1266	1.3	0.3	36.9	
Morio-Muskat	W	1167	1.1	0.2	46.1	Chasselas	W	1046	1.1	0.2	6.7	
Ortega	W	1054	1.0	0.2	46.9	Sankt Laurent	R	633	0.7	0.1	9.2	
Elbling	W	1043	1.0	0.2	40.5	Gewürztraminer	W	824	0.9	0.1	3.0	
Chasselas	W	1198	1.1	0.2	4.2	Ortega	W	482	0.5	0.1	43.0	
Savagnin Rose	G	848	0.8	0.2	45.0	Elbling	W	489	0.5	0.1	23.9	
Total of above		98472	94.5			Total of above		85997	91.0			

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Greece											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Savatiano	W	12747	25.0	2.6	96.0	Savatiano	W	10268	20.2	2.3	88.2
Roditis (R)	G	6945	13.6	1.4	96.0	Roditis	G	8463	16.6	1.9	88.2
Liatiko	R	2476	4.9	0.5	96.0	Agiorgitiko	R	3270	6.4	0.7	88.1
Agiorgitiko	R	2320	4.6	0.5	96.0	Liatiko	R	2633	5.2	0.6	88.2
Moschomavro	R	2295	4.5	0.5	96.0	Muscat of Hamburg	R	2288	4.5	0.5	26.3
Muscat Blanc à Petits Grains	W	2232	4.4	0.4	7.1	Xinomavro	R	2135	4.2	0.5	88.2
Xinomavro	R	1816	3.6	0.4	96.0	Assyrtiko	W	1770	3.5	0.4	88.2
Athiri	W	1350	2.7	0.3	96.0	Mavrouda	R	1658	3.3	0.4	88.2
Kotsifali	R	1148	2.3	0.2	96.0	Kotsifali	R	1338	2.6	0.3	88.2
Assyrtiko	W	1106	2.2	0.2	96.0	Muscat Blanc à Petits Grains	W	1568	3.1	0.3	4.1
Mandilaria	R	845	1.7	0.2	96.0	Romeiko	R	1131	2.2	0.2	88.2
Moschofilero	G	718	1.4	0.1	96.0	Moschofilero	G	1088	2.1	0.2	88.2
Mavrodafni	R	537	1.1	0.1	96.0	Mandilaria	R	932	1.8	0.2	88.2
Vilana	W	506	1.0	0.1	96.0	Roditis (R)	G	828	1.6	0.2	88.2
Vertzami	R	491	1.0	0.1	96.0	Vilana	W	650	1.3	0.1	88.2
Debina	W	455	0.9	0.1	96.0	Athiri	W	577	1.1	0.1	88.2
Asprouda	W	433	0.9	0.1	96.0	Muscat of Alexandria	W	773	1.5	0.1	2.0
Monemvassia	W	418	0.8	0.1	96.0	Mavrodafni	R	324	0.6	0.1	88.2
Romeiko	R	382	0.8	0.1	96.0	Fokiano	R	212	0.4	0.0	88.2
Robola	W	359	0.7	0.1	96.0	Limnio	R	176	0.3	0.0	88.2
Total of above		39579	77.7			Total of above		42083	82.8		

Hungary											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Blaufränkisch	R	6920	8.0	1.4	27.8	Blaufränkisch	R	7260	11.4	1.6	29.7
Graševina	W	6677	7.7	1.0	4.1	Bianca	W	4898	7.7	1.1	35.2
Furmint	W	3480	4.0	0.7	56.2	Cserszegi Fűszeres	G	4299	6.7	0.9	70.2
Ezerjó	W	3157	3.6	0.6	56.3	Furmint	W	3862	6.0	0.8	61.1
Arany Sárfehér	W	2914	3.4	0.6	56.3	Graševina	W	3933	6.2	0.8	11.3
Müller-Thurgau	W	3278	3.8	0.5	5.5	Aletta	W	1676	2.6	0.4	70.2
Zalagyöngye	W	2550	2.9	0.5	33.1	Hárlevelű	W	1603	2.5	0.4	69.5
Cserszegi Fűszeres	G	2185	2.5	0.4	56.3	Zweigelt	R	1687	2.6	0.3	13.1
Zweigelt	R	2266	2.6	0.4	17.5	Irsai Olivér	W	1531	2.4	0.3	60.0
Chasselas	W	1902	2.2	0.3	8.0	Müller-Thurgau	W	1670	2.6	0.3	6.0
Silvaner	W	1619	1.9	0.3	8.2	Grüner Veltliner	W	1381	2.2	0.2	5.1
Kunleány	W	1376	1.6	0.3	56.3	Muscat Ottonel	W	1256	2.0	0.2	7.1
Muscat Ottonel	W	1416	1.6	0.2	6.5	Chasselas	W	1159	1.8	0.2	11.0
Kövidinka	G	1214	1.4	0.2	56.3	Zalagyöngye	W	1065	1.7	0.2	59.4
Blauer Portugieser	R	1255	1.4	0.2	7.7	Kunleány	W	974	1.5	0.2	70.2
Muscat Blanc à Petits Grains	W	1538	1.8	0.2	2.9	Blauer Portugieser	R	1023	1.6	0.2	10.9
Hárlevelű	W	1012	1.2	0.2	43.9	Pinot Gris	G	1594	2.5	0.2	2.3
Kadarka	R	1012	1.2	0.2	21.6	Királyleányka	W	784	1.2	0.2	70.2
Grüner Veltliner	W	1335	1.5	0.2	3.2	Leányka	W	719	1.1	0.2	70.2
Riesling	W	1619	1.9	0.2	2.1	Kövidinka	G	658	1.0	0.1	70.1
Total of above		48724	56.1			Total of above		43031	67.4		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

India											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
			Sultaniye			W	1000	37.0	0.2	311.8	
			Sauvignon Blanc			W	500	18.5	0.1	6.7	
			Syrah			R	500	18.5	0.1	4.6	
			Trebbiano Toscano			W	300	11.1	0.1	4.1	
			Muscat of Alexandria			W	100	3.7	0.0	4.8	
			Pinot Noir			R	100	3.7	0.0	1.6	
			Chardonnay			W	100	3.7	0.0	0.8	
			Cabernet Sauvignon			R	100	3.7	0.0	0.5	
Total of above						Total of above			2700	100.0	
Israel											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Mazuelo	R	971	20.0	0.2	7.7	Mazuelo	R	935	18.7	0.2	17.7
Colombard	W	486	10.0	0.1	12.7	Cabernet Sauvignon	R	990	19.8	0.1	2.9
Merlot	R	647	13.3	0.1	3.1	Merlot	R	715	14.3	0.1	2.4
Cabernet Sauvignon	R	607	12.5	0.1	2.7	Argaman	R	275	5.5	0.1	896.6
Emerald Riesling	W	344	7.1	0.1	369.9	Petit Verdot	R	275	5.5	0.1	30.4
Argaman	R	202	4.2	0.0	1007.5	Colombard	W	220	4.4	0.0	6.6
Sauvignon Blanc	W	263	5.4	0.0	4.1	Syrah	R	385	7.7	0.0	1.9
Muscat of Alexandria	W	202	4.2	0.0	6.9	Muscat of Alexandria	W	220	4.4	0.0	5.7
Chenin Blanc	W	101	2.1	0.0	2.2	Emerald Riesling	W	110	2.2	0.0	555.7
Chardonnay	W	142	2.9	0.0	1.0	Durif	R	110	2.2	0.0	20.5
						Côt	R	110	2.2	0.0	1.9
						Cabernet Franc	R	110	2.2	0.0	1.8
						Monastrell	R	55	1.1	0.0	0.9
						Sauvignon Blanc	W	110	2.2	0.0	0.8
						Chardonnay	W	165	3.3	0.0	0.7
						Tempranillo	R	55	1.1	0.0	0.2
Total of above			3966	81.7		Total of above			4840	96.8	

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Italy											
2000						2016					
Prime variety	Col	Area	Nat'l			Prime variety	Col	Area	Nat'l		
			share	NVII*	VII*				share	NVII*	VII*
Sangiovese	R	62761	9.9	11.0	7.0	Sangiovese	R	68428	11.3	13.1	6.9
Catarratto Bianco	W	50711	8.0	9.0	7.7	Montepulciano	R	32724	5.4	6.3	7.4
Montepulciano	R	28679	4.5	5.1	7.7	Catarratto Bianco	W	28563	4.7	5.5	7.4
Barbera	R	27175	4.3	4.7	6.3	Trebbiano Toscano	W	35441	5.9	4.3	2.2
Trebbiano Toscano	W	39447	6.2	4.4	2.2	Prosecco	W	19730	3.3	3.8	7.3
Trebbiano Romagnolo	W	19492	3.1	3.5	7.7	Trebbiano Romagnolo	W	19059	3.2	3.7	7.4
Negroamaro	R	16619	2.6	3.0	7.7	Barbera	R	15006	2.5	2.8	6.2
Garganega	W	16549	2.6	2.9	7.7	Pinot Gris	G	18821	3.1	2.7	2.9
Malvasia Bianca di Candia	W	11921	1.9	2.1	7.1	Nero d'Avola	R	14129	2.3	2.7	7.3
Nero d'Avola	R	11318	1.8	2.0	7.7	Negroamaro	R	11431	1.9	2.2	7.4
Muscat Blanc à Petits Grains	W	13016	2.0	1.9	3.3	Tribidrag	R	13896	2.3	2.1	3.1
Inzolia	W	9259	1.5	1.6	7.7	Muscat Blanc à Petits Grains	W	13334	2.2	2.0	2.9
Aglianico	R	9264	1.5	1.6	7.6	Aglianico	R	9627	1.6	1.9	7.3
Trebbiano d'Abruzzo	W	8435	1.3	1.5	7.7	Malvasia Bianca di Candia	W	9028	1.5	1.7	6.9
Manzoni Bianco	W	8290	1.3	1.5	7.7	Garganega	W	8522	1.4	1.6	7.4
Prosecco	W	7498	1.2	1.3	7.7	Nebbiolo	R	7551	1.2	1.4	7.0
Dolcetto	R	7156	1.1	1.3	7.6	Grillo	W	7382	1.2	1.4	7.4
Pignoletto	W	6009	0.9	1.1	7.7	Lambrusco Salamino	R	6228	1.0	1.2	7.4
Verdicchio Bianco	W	5043	0.8	0.9	7.7	Corvina Veronese	R	6222	1.0	1.2	7.4
Tribidrag	R	7828	1.2	0.9	2.2	Vermentino	W	6703	1.1	1.1	4.3
Total of above		366470	57.6			Total of above		351824	58.2		

Japan											
2000						2016					
Prime variety	Col	Area	Nat'l			Prime variety	Col	Area	Nat'l		
			share	NVII*	VII*				share	NVII*	VII*
Koshu	G	690	17.8	0.2	1158.8						
Niagara	W	551	14.2	0.1	195.7						
Muscat Bailey A	R	521	13.5	0.1	331.7						
Concord	R	292	7.6	0.1	32.1						
Delaware	G	254	6.6	0.1	700.6						
Campbell Early	R	238	6.1	0.1	1158.8						
Kerner	W	76	2.0	0.0	30.5						
Kyoho (4N)	R	62	1.6	0.0	26.0						
Zweigelt	R	59	1.5	0.0	7.5						
Verdelet	W	39	1.0	0.0	1141.9						
Portland	W	39	1.0	0.0	1158.8						
Yamabudo	R	35	0.9	0.0	1158.8						
Black Queen	R	28	0.7	0.0	229.4						
Ryugan	W	27	0.7	0.0	1158.8						
Adirondac	R	24	0.6	0.0	1158.8						
Yama Sauvignon	R	24	0.6	0.0	1158.8						
Cascade	R	22	0.6	0.0	1158.8						
Yamasachi	R	20	0.5	0.0	1158.8						
Müller-Thurgau	W	22	0.6	0.0	1.3						
Riesling Forte	W	2	0.1	0.0	1158.8						
Total of above						Total of above		3027	78.2		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Kazakhstan												
2000						2016						
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*	
		Rkatsiteli	W	3552	51.2	0.8	44.7					
		Bayanshira	W	645	9.3	0.1	646.2					
		Saperavi	R	428	6.2	0.1	42.7					
		Kuldzhinskii	R	385	5.6	0.1	646.2					
		Muscat Blanc à Petits Grains (R W)	255		3.7	0.1	114.4					
		Aligoté	W	277	4.0	0.1	6.6					
		Maiskii Chernyi	R	110	1.6	0.0	646.2					
		Madrasa	R	28	0.4	0.0	646.2					
		Riesling	W	111	1.6	0.0	1.2					
		Pinot Noir	R	180	2.6	0.0	1.1					
		Ruby	R	9	0.1	0.0	646.2					
		Rubinovy Magaracha	R	0	0.0	0.0	646.2					
		Cabernet Franc	R	56	0.8	0.0	0.7					
		Cabernet Sauvignon	R	20	0.3	-0.1	0.0					
Total of above												
		Total of above										
								6056	87.3			
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Korea, Rep.												
2000						2016						
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*	
Kyoho (4N)	R	2700	50.0	0.6	610.5	Kyoho (4N)	R	2700	50.0	0.6	811.6	
Muscat Bailey A	R	1300	24.1	0.3	857.8	Muscat Bailey A	R	1300	24.1	0.3	592.6	
Sheridan	R	500	9.3	0.1	905.1	Sheridan	R	500	9.3	0.1	830.2	
Delaware	G	100	1.9	0.0	387.1	Delaware	G	100	1.9	0.0	197.4	
Total of above												
		Total of above										
								4600	85.2			

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Lebanon											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
						Chardonnay	W	1000	25.0	0.2	5.6
						Cabernet Sauvignon	R	1000	25.0	0.2	3.6
						Sauvignon Blanc	W	500	12.5	0.1	4.5
						Merlot	R	500	12.5	0.1	2.1
						Syrah	R	300	7.5	0.0	1.9
Total of above											
						Total of above		3300	82.5		
Luxembourg											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Müller-Thurgau	W	459	34.1	0.1	49.6	Müller-Thurgau	W	316	24.3	0.1	55.9
Auxerrois	W	169	12.5	0.0	266.2	Auxerrois	W	190	14.6	0.0	229.7
Elbling	W	164	12.2	0.0	492.3	Pinot Gris	G	196	15.1	0.0	13.9
Riesling	W	175	13.0	0.0	14.6	Pinot Blanc	W	160	12.3	0.0	40.0
Pinot Gris	G	155	11.5	0.0	29.7	Riesling	W	162	12.5	0.0	9.3
Pinot Blanc	W	138	10.2	0.0	29.5	Pinot Noir	R	121	9.3	0.0	4.0
Pinot Noir	R	66	4.9	0.0	3.5	Elbling	W	86	6.6	0.0	305.2
Gewürztraminer	W	12	0.9	0.0	4.1	Gewürztraminer	W	21	1.6	0.0	5.6
Silvaner	W	1	0.1	0.0	0.3	Sankt Laurent	R	4	0.3	0.0	4.2
Gamay Noir	R	1	0.1	0.0	0.1	Muscat Blanc à Petits Grains	W	1	0.1	0.0	0.1
Chardonnay	W	8	0.6	0.0	0.2	Chardonnay	W	30	2.3	0.0	0.5
Total of above		1348	100.0			Total of above		1287	99.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Mexico											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
			Sultaniye			W	841	15.4	0.2	129.6	
			Mazuelo			R	448	8.2	0.1	7.8	
			Cabernet Sauvignon			R	756	13.8	0.1	2.0	
			Salvador			R	350	6.4	0.1	818.6	
			Chenin Blanc			W	275	5.0	0.1	7.0	
			Fiesta			W	230	4.2	0.1	820.3	
			Muscat Blanc à Petits Grains			W	246	4.5	0.0	6.0	
			Nebbiolo			R	180	3.3	0.0	18.5	
			Cardinal			R	168	3.1	0.0	83.0	
			Durif			R	133	2.4	0.0	22.7	
			Palomino Fino			W	109	2.0	0.0	3.9	
			Jacquez			R	80	1.5	0.0	45.5	
			Merlot			R	391	7.2	0.0	1.2	
			Sauvignon Blanc			W	120	2.2	0.0	0.8	
			Tempranillo			R	229	4.2	0.0	0.9	
			Garnacha Tinta			R	140	2.6	0.0	0.8	
			Syrah			R	145	2.7	0.0	0.7	
Total of above						Total of above			4841	88.6	

Moldova											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Aligoté	W	15790	17.6	3.1	24.1	Moldova	R	12375	15.0	2.7	54.3
Isabella	R	11401	12.7	2.2	22.6	Aligoté	W	7765	9.4	1.6	15.7
Rkatsiteli	W	11508	12.8	2.1	9.3	Sauvignon Blanc	W	6909	8.4	1.0	3.0
Sauvignon Blanc	W	8151	9.1	1.4	6.8	Isabella	R	3468	4.2	0.7	10.6
Pinot Noir	R	6521	7.3	1.1	5.2	Rkatsiteli	W	3898	4.7	0.7	4.1
Merlot	R	8123	9.0	0.9	2.1	Merlot	R	7689	9.3	0.6	1.6
Fetească Albă	W	4334	4.8	0.8	9.9	Cabernet Sauvignon	R	8169	9.9	0.5	1.4
Cabernet Sauvignon	R	7590	8.4	0.7	1.9	Muscat Ottonel	W	1859	2.3	0.4	8.1
Gewürztraminer	W	2731	3.0	0.5	13.9	Bianca	W	1340	1.6	0.3	7.4
Chardonnay	W	5134	5.7	0.5	1.9	Kodryanka	R	1143	1.4	0.3	54.3
Pinot Gris	G	2042	2.3	0.3	5.9	Magaracha Rannii	R	884	1.1	0.2	54.3
Muscat Ottonel	W	1520	1.7	0.3	6.7	Gewürztraminer	W	1099	1.3	0.2	4.7
Bastardo Magarachsky	R	1040	1.2	0.2	28.7	Alb de Suruceni	W	780	0.9	0.2	54.3
Saperavi	R	716	0.8	0.1	5.8	Fetească Albă	W	954	1.2	0.2	3.9
Sukholimansky Bely	W	599	0.7	0.1	20.0	Muscat Yantarnyi	W	683	0.8	0.1	54.3
Riesling	W	1343	1.5	0.1	1.7	Riesling	W	1701	2.1	0.1	1.5
Noah	W	71	0.1	0.0	54.4	Victoria	W	565	0.7	0.1	49.4
Pervomaisky	R	64	0.1	0.0	54.4	Pervenets Magaracha	W	517	0.6	0.1	10.2
Gamay Teinturier Freaux	R	55	0.1	0.0	22.7	Saperavi	R	573	0.7	0.1	4.8
Golubok	R	50	0.1	0.0	54.4	Cardinal	R	473	0.6	0.1	15.5
Total of above		88783	98.8			Total of above			62844	76.1	

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Morocco											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Doukkali	R	16557	33.4	3.4	98.5	Italia	W	3333	19.0	0.7	163.8
Teneron	R	3488	7.0	0.7	98.5	Cinsaut	R	3239	18.4	0.7	36.0
Cinsaut	R	3940	7.9	0.7	8.0	Muscat of Alexandria	W	2093	11.9	0.4	15.3
Muscat of Alexandria	W	3669	7.4	0.7	12.2	Mazuelo	R	1230	7.0	0.2	6.6
Abbo	R	2375	4.8	0.5	98.5	Alicante Henri Bouschet	R	919	5.2	0.2	6.5
Alicante Henri Bouschet	R	1098	2.2	0.1	2.9	Sultaniye	W	721	4.1	0.2	34.5
Mazuelo	R	1692	3.4	0.1	1.3	Cardinal	R	624	3.6	0.1	95.9
Garnacha Tinta	R	802	1.6	-0.3	0.4	Garnacha Tinta	R	786	4.5	0.0	1.3
						Clairette	W	113	0.6	0.0	11.9
						Chardonnay	W	880	5.0	0.0	1.1
						Sauvignon Blanc	W	440	2.5	0.0	0.9
						Airén	W	440	2.5	-0.1	0.5
						Syrah	R	347	2.0	-0.1	0.5
						Cabernet Sauvignon	R	604	3.4	-0.1	0.5
						Merlot	R	333	1.9	-0.2	0.3
Total of above		33621	67.8			Total of above		16104	91.6		

Myanmar											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Syrah	R	27	38.6	0.0	9.5						
Sauvignon Blanc	W	22	31.4	0.0	11.3						
Muscat Blanc à Petits Grains	W	7	10.0	0.0	13.3						
Pinot Noir	R	7	10.0	0.0	4.3						
Petit Verdot	R	2	2.9	0.0	15.8						
Tempranillo	R	4	5.0	0.0	1.0						
Chardonnay	W	2	2.1	0.0	0.5						
Total of above						Total of above		70	100.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

New Zealand											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Chardonnay	W	2787	28.0	0.5	9.4	Sauvignon Blanc	W	20497	57.8	4.4	20.8
Sauvignon Blanc	W	2423	24.4	0.5	18.3	Pinot Noir	R	5514	15.5	1.0	6.6
Pinot Noir	R	1098	11.0	0.2	7.8	Pinot Gris	G	2422	6.8	0.5	6.3
Riesling	W	490	4.9	0.1	5.6	Chardonnay	W	3117	8.8	0.3	2.0
Müller-Thurgau	W	419	4.2	0.1	6.1	Riesling	W	767	2.2	0.1	1.6
Merlot	R	657	6.6	0.0	1.5	Gewürztraminer	W	277	0.8	0.0	2.7
Cabernet Sauvignon	R	654	6.6	0.0	1.4	Sauvignon Blanc (G)	W	104	0.3	0.0	12.2
Sémillon	W	229	2.3	0.0	4.3	Muscat	W	36	0.1	0.0	6.1
Gewürztraminer	W	141	1.4	0.0	6.5	Arneis	W	33	0.1	0.0	3.6
Pinot Gris	G	127	1.3	0.0	3.3	Reichensteiner	W	14	0.0	0.0	15.0
Reichensteiner	W	62	0.6	0.0	95.5	Kolor	R	7	0.0	0.0	126.4
Pinotage	R	73	0.7	0.0	5.5	Flora	G	3	0.0	0.0	27.7
Chenin Blanc	W	146	1.5	0.0	1.6	Viognier	W	129	0.4	0.0	1.0
Breidecker	W	28	0.3	0.0	491.6	Osteiner	W	1	0.0	0.0	126.4
Côt	R	67	0.7	0.0	1.3	Ehrenfelser	W	1	0.0	0.0	1.8
Cabernet Franc	R	118	1.2	0.0	1.1	Breidecker	W	0	0.0	0.0	126.4
Blauburger	R	13	0.1	0.0	6.4	Lagrein	R	2	0.0	0.0	1.1
Flora	G	6	0.1	0.0	491.6	Würzer	W	0	0.0	0.0	1.0
Chasselas	W	25	0.3	0.0	0.9	Seibel	R	3	0.0	0.0	0.8
Silvaner	W	4	0.0	0.0	0.2	Chambourcin	R	3	0.0	0.0	0.4
Total of above		9567	96.2			Total of above		32931	92.9		

North Macedonia											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
						Vranac	R	9500	38.3	2.1	180.9
						Dimyat	W	6500	26.2	1.4	121.3
						Tribidrag	R	1000	4.0	0.2	5.4
						Riesling	W	900	3.6	0.1	2.7
						Prokupac	R	445	1.8	0.1	59.2
						Stanušina Crna	R	400	1.6	0.1	180.9
						Muscat of Hamburg	R	350	1.4	0.1	8.2
						Župljanka	W	250	1.0	0.1	89.5
						Muscat Blanc à Petits Grains	W	400	1.6	0.0	2.1
						Pamid	R	250	1.0	0.0	4.5
						Žilavka	W	185	0.7	0.0	180.9
						Rkatsiteli	W	460	1.9	0.0	1.6
						Graševina	W	270	1.1	0.0	2.0
						Plavac Mali	R	50	0.2	0.0	5.3
						Pinot Noir	R	500	2.0	0.0	0.9
						Merlot	R	1240	5.0	-0.1	0.8
						Chardonnay	W	750	3.0	-0.1	0.7
						Sauvignon Blanc	W	185	0.7	-0.1	0.3
						Cabernet Sauvignon	R	1020	4.1	-0.2	0.6
Total of above						Total of above		24655	99.5		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Norway													
2000						2016							
Prime variety	Col	Area	Nat'l	NVII*	VII*	Prime variety	Col	Area	Nat'l	NVII*	VII*		
			Solaris			Rondo			W	8	60.0	0.0	22727.0
Total of above									R	4	30.0	0.0	26610.8
<hr/>													
Peru													
2000						2016							
Prime variety	Col	Area	Nat'l	NVII*	VII*	Prime variety	Col	Area	Nat'l	NVII*	VII*		
			Negramoll			R	1252	32.7	0.3	486.6			
Total of above			Italia			W	1011	26.4	0.2	228.1			
			Muscat Blanc à Petits Grains			W	361	9.4	0.1	12.5			
			Quebranta			R	330	8.6	0.1	1170.2			
			Blaufränkisch			R	290	7.6	0.1	19.8			
			Red Globe			R	240	6.3	0.1	1159.7			
			Pecorino			W	114	3.0	0.0	76.6			
			Cardinal			R	53	1.4	0.0	37.4			
			Flame Seedless			R	42	1.1	0.0	890.9			
			Alphonse Lavallée			R	18	0.5	0.0	33.2			
			Sultaniye			W	15	0.4	0.0	3.3			
			Superior Seedless			W	9	0.2	0.0	1170.2			
			Albillo Mayor			W	7	0.2	0.0	7.1			
			Ar99			G	5	0.1	0.0	1170.2			
			Crimson Seedless			R	2	0.1	0.0	310.4			
			Crystal			W	2	0.1	0.0	13.4			
			Ar110			G	1	0.0	0.0	1170.2			
			Imperial Seedless			G	1	0.0	0.0	1170.2			
			Rosa Arica			R	1	0.0	0.0	1170.2			
			Perlette			W	1	0.0	0.0	522.5			
Total of above			Total of above						3755	98.0			

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Portugal											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Castelão	R	14424	7.0	2.8	23.8	Touriga Franca	R	14217	7.8	3.0	24.5
Fernão Pires	W	14206	6.9	2.8	23.3	Castelão	R	12580	6.9	2.7	24.5
Trincadeira	R	7264	3.5	1.4	23.8	Fernão Pires	W	12138	6.6	2.6	24.4
Baga	R	6730	3.3	1.3	23.8	Touriga Nacional	R	11411	6.2	2.4	23.9
Touriga Franca	R	6671	3.3	1.3	23.8	Trincadeira	R	10493	5.7	2.2	24.5
Tinta Barroca	R	5657	2.8	1.1	22.3	Tempranillo	R	17014	9.3	1.8	1.9
Vinhao	R	5296	2.6	1.0	21.3	Baga	R	6750	3.7	1.4	24.5
Touriga Nacional	R	4149	2.0	0.8	23.2	Síria	W	6438	3.5	1.4	22.5
Codega de Larinho	W	4058	2.0	0.8	23.8	Arinto de Bucelas	W	5409	3.0	1.2	24.5
Arinto de Bucelas	W	3966	1.9	0.8	23.8	Tinta Barroca	R	4733	2.6	1.0	23.6
Loureiro	W	3939	1.9	0.8	21.4	Loureiro	W	4402	2.4	0.9	23.0
Tempranillo	R	7356	3.6	0.7	1.9	Vinhao	R	4055	2.2	0.9	22.3
Marufo	R	3512	1.7	0.7	13.2	Marufo	R	3367	1.8	0.7	17.6
Azal	W	3302	1.6	0.6	23.8	Alicante Henri Bouschet	R	4547	2.5	0.7	3.1
Rabo de Ovelha	W	2330	1.1	0.5	23.8	Malvasia Fina	W	2922	1.6	0.6	21.9
Rufete	R	2338	1.1	0.4	16.4	Alvarelhão	R	2860	1.6	0.6	24.1
Vital	W	2246	1.1	0.4	23.8	Mencía	R	2561	1.4	0.5	5.7
Malvasia Preta	R	2210	1.1	0.4	23.8	Caladoc	R	2180	1.2	0.4	10.2
Malvasia Fina	W	2328	1.1	0.4	7.8	Rabigato	W	1969	1.1	0.4	24.5
Borraçal	R	2035	1.0	0.4	18.3	Malvasia Preta	R	1933	1.1	0.4	24.5
Total of above		#####	50.7			Total of above		131979	72.3		

Romania											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Fetească Albă	W	18211	8.2	3.5	16.8	Fetească Regală	W	12619	6.9	2.7	23.8
Grașevina	W	15014	6.8	2.2	3.6	Fetească Albă	W	12428	6.8	2.7	22.8
Aligoté	W	7608	3.4	1.2	4.7	Aligoté	W	5840	3.2	1.1	5.3
Muscat Ottonel	W	5787	2.6	1.1	10.4	Muscat Ottonel	W	4779	2.6	1.0	9.4
Băbească Neagră	R	3642	1.6	0.7	21.5	Riesling	W	6121	3.3	0.8	2.5
Sauvignon Blanc	W	4613	2.1	0.3	1.6	Fetească Neagră	R	2845	1.6	0.6	21.5
Fetească Regală	W	1700	0.8	0.3	14.5	Băbească Neagră	R	2696	1.5	0.6	24.5
Pinot Gris	G	2388	1.1	0.3	2.8	Pamid	R	2716	1.5	0.5	6.7
Fetească Neagră	R	1214	0.5	0.2	22.0	Merlot	R	11647	6.4	0.2	1.1
Grasă de Cotnari	W	850	0.4	0.2	22.0	Grasă de Cotnari	W	571	0.3	0.1	22.2
Galbenă de Odobești	W	546	0.2	0.1	22.0	Sauvignon Blanc	W	5594	3.1	0.1	1.1
Gewürztraminer	W	445	0.2	0.0	0.9	Grașevina	W	1437	0.8	0.1	1.4
Muscat Blanc à Petits Grains	W	1012	0.5	-0.1	0.7	Crimposie	W	450	0.2	0.1	24.5
Pinot Noir	R	1740	0.8	-0.3	0.6	Galbenă de Odobești	W	417	0.2	0.1	24.5
Cabernet Sauvignon	R	8620	3.9	-0.3	0.9	Frâncușă	W	365	0.2	0.1	24.5
Merlot	R	7810	3.5	-0.4	0.8	Busuioacă de Bohotin	G	343	0.2	0.1	24.5
Rkatsiteli	W	506	0.2	-0.5	0.2	Iordan	W	311	0.2	0.1	24.5
Chardonnay	W	1376	0.6	-1.1	0.2	Băbească Neagră (G)	R	297	0.2	0.1	24.5
						Mustoasă de Măderat	W	282	0.2	0.1	24.5
						Şarbă	W	266	0.1	0.1	24.5
Total of above		83082	37.4			Total of above		72024	39.4		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Russia											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Rkatsiteli	W	13152	23.3	2.5	16.9	Rkatsiteli	W	6477	12.8	1.3	11.1
Pinot Blanc	W	2995	5.3	0.6	15.3	Aligoté	W	5843	11.5	1.2	19.1
Pervenets Magaracha	W	2388	4.2	0.5	73.0	Cabernet Sauvignon	R	8528	16.8	1.1	2.4
Bianca	W	2165	3.8	0.4	86.2	Bianca	W	3513	6.9	0.8	31.8
Zalagyöngye	W	1781	3.2	0.4	35.7	Pervenets Magaracha	W	2238	4.4	0.5	71.7
Aligoté	W	1821	3.2	0.3	4.4	Riesling	W	2232	4.4	0.3	3.3
Agadai	W	1265	2.2	0.3	86.8	Odessky Cherny	R	1250	2.5	0.3	44.0
Riesling	W	1376	2.4	0.2	2.8	Chardonnay	W	3481	6.9	0.3	1.5
Saperavi	R	931	1.7	0.2	12.0	Isabella	R	1362	2.7	0.3	6.7
Chardonnay	W	1639	2.9	0.0	1.0	Sauvignon Blanc	W	2501	4.9	0.2	1.8
Cabernet Sauvignon	R	1578	2.8	-0.2	0.6	Levokumskij	R	890	1.8	0.2	88.3
						Pinot Blanc	W	865	1.7	0.2	5.5
						Saperavi	R	716	1.4	0.1	9.8
						Krasnostop Zolotovsky	R	562	1.1	0.1	88.3
						Dunavski Lazur	W	483	1.0	0.1	88.3
						Tsimlyansky Cherny	R	451	0.9	0.1	88.3
						Gewürztraminer	W	500	1.0	0.1	3.4
						Saperavi Severny	R	325	0.6	0.1	88.3
						Citronny Magarach	W	307	0.6	0.1	88.3
						Viorika	W	307	0.6	0.1	48.6
Total of above		31090	55.2			Total of above		42831	84.3		

Serbia											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Graševina	W	33120	48.0	6.5	25.4	Graševina	W	2037	9.3	0.4	17.0
Prokupac	R	15180	22.0	3.1	70.8	Riesling	W	1361	6.2	0.2	4.6
Chasselas	W	3450	5.0	0.7	18.3	Prokupac	R	916	4.2	0.2	137.1
Muscat of Hamburg	R	2760	4.0	0.5	27.7	Merlot	R	1968	8.9	0.1	1.5
						Blaufränkisch	R	727	3.3	0.1	8.6
						Muscat of Hamburg	R	624	2.8	0.1	16.5
						Cabernet Sauvignon	R	2111	9.6	0.1	1.4
						Chardonnay	W	1455	6.6	0.1	1.5
						Župljanka	W	255	1.2	0.1	102.9
						Dimyat	W	192	0.9	0.0	4.0
						Sauvignon Blanc	W	741	3.4	0.0	1.2
						Muscat Ottonel	W	183	0.8	0.0	3.0
						Pinot Noir	R	633	2.9	0.0	1.2
						Muscat Fleur d'Oranger	W	116	0.5	0.0	78.9
						Gewürztraminer	W	142	0.6	0.0	2.2
						Afus Ali	W	73	0.3	0.0	70.0
						Marselan	R	84	0.4	0.0	4.3
						Victoria	W	55	0.3	0.0	18.1
						Morava	W	34	0.2	0.0	203.6
						Pamid	R	67	0.3	0.0	1.4
Total of above		54509	79.0			Total of above		13773	62.6		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Slovakia											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Graševina	W	3895	25.0	0.7	13.2	Grüner Veltliner	W	1627	21.0	0.4	49.2
Grüner Veltliner	W	2960	19.0	0.6	39.3	Blaufränkisch	R	1216	15.7	0.3	41.0
Müller-Thurgau	W	1870	12.0	0.4	17.5	Sankt Laurent	R	717	9.3	0.2	126.8
Blaufränkisch	R	1091	7.0	0.2	24.4	Riesling	W	620	8.0	0.1	6.0
Sankt Laurent	R	935	6.0	0.2	114.8	Müller-Thurgau	W	509	6.6	0.1	15.1
Pinot Blanc	W	623	4.0	0.1	11.5	Graševina	W	456	5.9	0.1	10.8
Fetească Regală	W	312	2.0	0.1	37.9	Pinot Blanc	W	416	5.4	0.1	17.5
Fetească Albă	W	312	2.0	0.0	4.1	Cabernet Sauvignon	R	469	6.1	0.0	0.9
Chardonnay	W	623	4.0	0.0	1.3						
Silvaner	W	156	1.0	0.0	4.4						
Cabernet Sauvignon	R	156	1.0	-0.1	0.2						
Total of above		12932	83.0			Total of above		6030	77.8		

Slovenia											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*	VII*				NVII*	VII*	VII*
Graševina	W	3568	15.2	0.6	8.0	Graševina	W	1935	12.1	0.4	22.2
Terrano	R	1267	5.4	0.3	180.6	Refosco	R	1340	8.4	0.3	280.3
Ribolla Gialla	W	1127	4.8	0.2	166.8	Malvazija Istarska	W	915	5.7	0.2	92.0
Sauvignon Blanc	W	1221	5.2	0.2	3.9	Žametovka	R	822	5.1	0.2	280.4
Chardonnay	W	1549	6.6	0.2	2.2	Sauvignon Blanc	W	1121	7.0	0.2	2.5
Merlot	R	1197	5.1	0.0	1.2	Blaufränkisch	R	709	4.4	0.1	11.6
						Ribolla Gialla	W	597	3.7	0.1	174.6
						Furmint	W	546	3.4	0.1	34.5
						Muscat Blanc à Petits Grains	W	586	3.7	0.1	4.9
						Chardonnay	W	1181	7.4	0.1	1.6
						Riesling	W	607	3.8	0.1	2.8
						Pinot Blanc	W	424	2.7	0.1	8.6
						Pinot Gris	G	508	3.2	0.1	2.9
						Sauvignonasse	W	231	1.4	0.0	16.8
						Savagnin Blanc	W	209	1.3	0.0	25.8
						Kraljevina	W	199	1.2	0.0	280.4
						Kerner	W	111	0.7	0.0	10.8
						Plaveč Žuti	W	82	0.5	0.0	280.4
						Zelen	W	75	0.5	0.0	280.4
						Pinella	W	61	0.4	0.0	135.0
Total of above		9929	42.3			Total of above		12262	76.7		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

South Africa											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Chenin Blanc	W	22566	24.1	4.4	25.7	Chenin Blanc	W	17707	18.5	3.8	25.7
Colombard	W	11432	12.2	2.2	15.4	Colombard	W	11512	12.0	2.4	18.0
Pinotage	R	6501	6.9	1.3	51.6	Pinotage	R	7052	7.4	1.5	46.3
Cabernet Sauvignon	R	8824	9.4	0.9	2.1	Sauvignon Blanc	W	9246	9.7	1.5	3.5
Sauvignon Blanc	W	5436	5.8	0.9	4.4	Syrah	R	9946	10.4	1.4	2.6
Syrah	R	5631	6.0	0.8	2.9	Cabernet Sauvignon	R	10589	11.1	0.9	1.6
Muscat of Alexandria	W	4047	4.3	0.7	7.1	Chardonnay	W	6856	7.2	0.6	1.6
Chardonnay	W	6067	6.5	0.7	2.2	Ruby Cabernet	R	2306	2.4	0.5	20.3
Cinsaut	R	3533	3.8	0.5	3.8	Cinsaut	R	1767	1.8	0.3	3.6
Crouchen	W	2161	2.3	0.4	49.9	Muscat of Alexandria	W	1781	1.9	0.2	2.4
Ruby Cabernet	R	2050	2.2	0.4	14.4	Sémillon	W	1121	1.2	0.2	2.8
Palomino Fino	W	1632	1.7	0.2	2.8	Petit Verdot	R	749	0.8	0.1	4.3
Clairette	W	938	1.0	0.2	11.2	Viognier	W	822	0.9	0.1	2.4
Merlot	R	4888	5.2	0.2	1.2	Nouvelle	W	428	0.4	0.1	46.8
Sémillon	W	1033	1.1	0.1	2.1	Muscat Blanc à Petits Grains (R W)	W	404	0.4	0.1	13.2
Servant	W	432	0.5	0.1	42.5	Villard Blanc	W	321	0.3	0.1	20.2
Muscat Blanc à Petits Grains (R W)	360	0.4	0.1	16.3	Crouchen	W	271	0.3	0.1	39.8	
Chenel	W	339	0.4	0.1	52.2	Roobernet	R	269	0.3	0.1	46.8
Emerald Riesling	W	340	0.4	0.1	19.0	Clairette	W	195	0.2	0.0	3.8
Tinta Barroca	R	395	0.4	0.1	3.4	Muscat Blanc à Petits Grains	W	839	0.9	0.0	1.2
Total of above		88604	94.6			Total of above		84181	87.9		

Spain											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Airén	W	387978	32.8	60.2	4.1	Airén	W	203276	23.0	36.4	5.1
Bobal	R	100128	8.5	15.5	4.1	Tempranillo	R	193597	21.9	33.5	4.5
Tempranillo	R	79310	6.7	11.6	3.5	Bobal	R	59189	6.7	10.6	5.1
Monastrell	R	67160	5.7	10.0	3.6	Monastrell	R	41303	4.7	6.9	4.0
Garnacha Tinta	R	98131	8.3	9.4	1.9	Macabeo	W	36963	4.2	6.5	4.9
Cayetana Blanca	W	55527	4.7	8.6	4.1	Cayetana Blanca	W	36252	4.1	6.5	5.1
Macabeo	W	42902	3.6	6.4	3.7	Garnacha Tinta	R	54606	6.2	5.6	1.8
Palomino Fino	W	27685	2.3	4.2	3.8	Palomino Fino	W	20110	2.3	3.5	4.4
Pedro Ximénez	W	14803	1.3	2.2	3.5	Verdejo	W	17923	2.0	3.2	5.1
Alicante Henri Bouschet	R	18321	1.6	1.9	2.0	Alicante Henri Bouschet	R	19294	2.2	2.7	2.7
Parellada	W	11188	0.9	1.7	4.1	Xarello	W	8534	1.0	1.5	5.1
Chelva	W	10877	0.9	1.7	4.1	Pedro Ximénez	W	8528	1.0	1.5	4.9
Mencía	R	11166	0.9	1.6	3.5	Mencía	R	8489	1.0	1.4	3.9
Xarello	W	10299	0.9	1.6	4.1	Parellada	W	7137	0.8	1.3	5.1
Calagranó	W	8229	0.7	1.3	4.1	Tinto Velasco	R	5369	0.6	1.0	5.1
Tinto Velasco	R	7998	0.7	1.2	4.1	Alvarinho	W	5393	0.6	1.0	4.9
Merseguera	W	7460	0.6	1.2	4.1	Chelva	W	5029	0.6	0.9	5.1
Pardillo	W	7272	0.6	1.1	4.1	Alaríje	W	4407	0.5	0.8	5.1
Zalema	W	5969	0.5	0.9	4.1	Prieto Picudo	R	4293	0.5	0.8	5.1
Beba	W	4762	0.4	0.7	4.1	Zalema	W	4015	0.5	0.7	5.1
Total of above		977164	82.7			Total of above		743707	84.2		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Switzerland										
Prime variety	Col	Area	2000				2016			
			Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*
Chasselas	W	5373	35.7	1.1	131.1	Pinot Noir	R	4209	28.4	0.9
Pinot Noir	R	4601	30.6	0.9	21.7	Chasselas	W	3838	25.9	0.9
Gamay Noir	R	1977	13.1	0.4	17.0	Gamay Noir	R	1349	9.1	0.3
Müller-Thurgau	W	686	4.6	0.1	6.6	Gamaret	R	425	2.9	0.1
Merlot	R	848	5.6	0.0	1.3	Müller-Thurgau	W	465	3.1	0.1
Silvaner	W	208	1.4	0.0	6.1	Merlot	R	1124	7.6	0.1
Cornalin	R	92	0.6	0.0	320.7	Silvaner	W	250	1.7	0.1
Pinot Gris	G	149	1.0	0.0	2.6	Garanoir	R	225	1.5	0.0
Gamaret	R	60	0.4	0.0	275.4	Arvine	W	178	1.2	0.0
Arvine	W	57	0.4	0.0	302.2	Cornalin	R	138	0.9	0.0
Garanoir	R	50	0.3	0.0	214.0	Rouge du Pays	R	136	0.9	0.0
Marsanne	W	33	0.2	0.0	7.1	Diolinoir	R	120	0.8	0.0
Pinot Blanc	W	77	0.5	0.0	1.5	Savagnin Blanc	W	127	0.9	0.0
Diolinoir	R	25	0.2	0.0	258.5	Pinot Gris	G	230	1.6	0.0
Räuschling	W	23	0.2	0.0	324.9	Pinot Blanc	W	111	0.8	0.0
Amigne	W	21	0.1	0.0	324.9	Marsanne	W	48	0.3	0.0
Bondola	R	17	0.1	0.0	324.9	Amigne	W	42	0.3	0.0
Savagnin Blanc	W	17	0.1	0.0	12.4	Doral	W	35	0.2	0.0
Regent	R	16	0.1	0.0	15.7	Galotta	R	35	0.2	0.0
Humagne	W	9	0.1	0.0	324.9	Regent	R	38	0.3	0.0
Total of above		14340	95.3			Total of above		13121	88.7	

Taiwan										
Prime variety	Col	Area	2000				2016			
			Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*
Kyoho (4N)	R	1303	46.0	0.3	561.6	Black Queen	R	94	63.2	0.0
Golden Muscat	W	1190	42.0	0.2	1725.4	Golden Muscat	W	50	33.4	0.0
Black Queen	R	227	8.0	0.0	690.5	Musann Blanc	W	5	3.4	0.0
Italia	W	113	4.0	0.0	181.7					
Total of above		2833	100.0			Total of above		149	100.0	

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Thailand											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
			Syrah	R	74	35.9	0.0	8.9			
			Malaga Blanc	W	54	26.0	0.0	21598.8			
			Black Queen	R	18	8.7	0.0	2712.7			
			Chenin Blanc	W	16	7.8	0.0	10.9			
			Colombard	W	15	7.0	0.0	10.5			
			Garnacha Roja (Gris)	G	5	2.5	0.0	76.5			
			Muscat	W	3	1.5	0.0	92.8			
			Dornfelder	R	3	1.4	0.0	8.0			
			Verdelho	W	1	0.5	0.0	15.0			
			Viognier	W	1	0.6	0.0	1.7			
			Durif	R	1	0.3	0.0	2.4			
			Sangiovese	R	2	1.0	0.0	0.6			
			Pinot Noir	R	1	0.3	0.0	0.1			
			Tempranillo	R	4	1.8	0.0	0.4			
			Cabernet Sauvignon	R	7	3.4	0.0	0.5			
Total of above			Total of above				205	98.7			
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Tunisia											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Mazuelo	R	7576	45.0	1.5	17.2	Italia	W	644	19.0	0.1	163.8
Garnacha Tinta	R	2020	12.0	0.3	2.7	Cinsaut	R	626	18.4	0.1	36.0
Alicante Henri Bouschet	R	842	5.0	0.1	6.6	Muscat of Alexandria	W	405	11.9	0.1	15.3
Cinsaut	R	842	5.0	0.1	5.0	Mazuelo	R	238	7.0	0.0	6.6
Sangiovese	R	842	5.0	0.1	3.5	Alicante Henri Bouschet	R	178	5.2	0.0	6.5
Tribidrag	R	337	2.0	0.0	3.6	Sultaniye	W	139	4.1	0.0	34.5
Monastrell	R	337	2.0	0.0	1.3	Cardinal	R	121	3.6	0.0	95.9
Syrah	R	337	2.0	0.0	1.0	Garnacha Tinta	R	152	4.5	0.0	1.3
Cabernet Sauvignon	R	337	2.0	-0.1	0.4	Clairette	W	22	0.6	0.0	11.9
						Chardonnay	W	170	5.0	0.0	1.1
						Sauvignon Blanc	W	85	2.5	0.0	0.9
						Airén	W	85	2.5	0.0	0.5
						Syrah	R	67	2.0	0.0	0.5
						Cabernet Sauvignon	R	117	3.4	0.0	0.5
						Merlot	R	64	1.9	0.0	0.3
Total of above		13469	80.0			Total of above		3113	91.6		
<hr/>											

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Turkey										
Prime variety	Col	Area	2000				2016			
			Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*
Sultaniye		W	2461	18.0	0.5	151.2				
Öküzgözü		R	1601	11.7	0.4	327.2				
Boğazkere		R	1436	10.5	0.3	327.2				
Syrah		R	1439	10.5	0.2	2.6				
Çalkarası		R	806	5.9	0.2	327.2				
Narince		W	787	5.7	0.2	327.2				
Kalecik Karası		R	704	5.1	0.2	327.2				
Dimrit		R	704	5.1	0.2	327.2				
Sémillon		W	529	3.9	0.1	9.3				
Alicante Henri Bouschet		R	532	3.9	0.1	4.8				
Cinsaut		R	430	3.1	0.1	6.1				
Papazkarası		R	204	1.5	0.0	327.2				
Gamay Noir		R	228	1.7	0.0	2.8				
Adakarası		R	89	0.6	0.0	327.2				
Emir		W	89	0.6	0.0	327.2				
Muscat Blanc à Petits Grains		W	129	0.9	0.0	1.3				
Karalahna		R	4	0.0	0.0	327.2				
Karasakız		R	4	0.0	0.0	327.2				
Vasilaki		W	4	0.0	0.0	327.2				
Çavuş		W	3	0.0	0.0	327.2				
Total of above						Total of above		12183	88.9	

Ukraine										
Prime variety	Col	Area	2000				2016			
			Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*
Rkatsiteli		W	5775	22.9	1.2	20.0				
Aligoté		W	4814	19.1	1.0	31.8				
Cabernet Sauvignon		R	4935	19.6	0.7	2.8				
Odessky Cherny		R	1250	5.0	0.3	88.8				
Isabella		R	1200	4.8	0.2	12.0				
Riesling		W	1350	5.4	0.2	4.0				
Sauvignon Blanc		W	1550	6.2	0.2	2.2				
Gewürztraminer		W	500	2.0	0.1	6.9				
Chardonnay		W	1500	6.0	0.1	1.3				
Muscat Blanc à Petits Grains		W	338	1.3	0.0	1.8				
Pinot Blanc		W	170	0.7	0.0	2.2				
Merlot		R	1400	5.6	0.0	0.9				
Pinot Noir		R	385	1.5	0.0	0.7				
Total of above						Total of above		25166	100.0	

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

United Kingdom											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Bacchus	W	112	12.8	0.0	185.8	Pinot Noir	R	546	29.7	0.1	12.6
Blauburger	R	105	12.0	0.0	586.7	Chardonnay	W	531	28.9	0.1	6.4
Dalkauer	W	100	11.5	0.0	5598.7	Pinot Meunier	R	202	11.0	0.0	33.6
Seyval Blanc	W	85	9.7	0.0	1224.4	Bacchus	W	127	6.9	0.0	175.9
Auxerrois	W	58	6.6	0.0	141.1	Seyval Blanc	W	77	4.2	0.0	69.8
Cabernet Dorsa	R	43	4.9	0.0	5598.7	Reichensteiner	W	42	2.3	0.0	862.7
Chardonnay	W	68	7.8	0.0	2.6	Madeleine × Angevine 7672	W	39	2.1	0.0	1949.5
Albalonga	W	41	4.7	0.0	4027.1	Rondo	R	37	2.0	0.0	1774.1
Ehrenfelser	W	34	3.9	0.0	658.7	Regent	R	26	1.4	0.0	31.8
						Pinot Gris	G	44	2.4	0.0	2.2
						Ortega	W	24	1.3	0.0	109.5
						Dornfelder	R	13	0.7	0.0	4.0
						Schönburger	G	9	0.5	0.0	636.6
						Pinot Blanc	W	15	0.8	0.0	2.6
						Müller-Thurgau	W	15	0.8	0.0	1.8
						Huxelrebe	W	4	0.2	0.0	19.3
Total of above		646	74.0			Total of above		1751	95.2		

United States											
2000						2016					
Prime variety	Col	Area	Nat'l share			Prime variety	Col	Area	Nat'l share		
			NVII*	VII*					NVII*	VII*	
Chardonnay	W	35791	20.4	6.3	6.8	Chardonnay	W	41392	17.3	6.8	3.8
Tribidrag	R	18630	10.6	3.6	19.3	Cabernet Sauvignon	R	40837	17.0	5.4	2.5
Colombard	W	18010	10.3	3.4	13.0	Pinot Noir	R	22998	9.6	3.9	4.1
Cabernet Sauvignon	R	17573	10.0	2.0	2.2	Tribidrag	R	18551	7.7	3.7	10.3
Merlot	R	16875	9.6	1.9	2.2	Concord	R	8349	3.5	1.7	14.8
Concord	R	8330	4.7	1.6	19.6	Merlot	R	21251	8.9	1.6	1.5
Chenin Blanc	W	8433	4.8	1.4	5.1	Colombard	W	7991	3.3	1.4	5.0
Rubired	R	4153	2.4	0.8	27.8	Pinot Gris	G	7462	3.1	1.1	2.9
Barbera	R	4693	2.7	0.7	4.0	Rubired	R	4825	2.0	1.0	18.4
Pinot Noir	R	5343	3.0	0.6	2.2	Durif	R	3698	1.5	0.8	14.4
Ruby Cabernet	R	2895	1.6	0.5	10.9	Ruby Cabernet	R	2114	0.9	0.4	7.5
Sauvignon Blanc	W	4191	2.4	0.4	1.8	Riesling	W	4952	2.1	0.4	1.5
Muscat of Alexandria	W	2013	1.1	0.2	1.9	Barbera	R	2131	0.9	0.3	2.2
Durif	R	923	0.5	0.2	21.5	Niagara	W	1196	0.5	0.2	6.9
Niagara	W	1357	0.8	0.2	2.5	Petit Verdot	R	1219	0.5	0.2	2.8
Monbadon	W	656	0.4	0.1	27.8	Viognier	W	1481	0.6	0.1	1.7
Catawba	R	635	0.4	0.1	27.8	Symphony	W	647	0.3	0.1	18.7
Carnelian	R	625	0.4	0.1	27.8	Catawba	R	625	0.3	0.1	18.7
Malvasia Bianca di Candia	W	968	0.6	0.1	2.1	Triplette Blanc	W	412	0.2	0.1	18.7
Riesling	W	1965	1.1	0.1	1.3	Elbling	W	396	0.2	0.1	7.6
Total of above		154060	87.7			Total of above		30200	100.0		

Table 58 (cont.): Varietal Intensity Indexes (and winegrape areas and national shares) for national top 20 varieties, 2000 and 2016

Uruguay											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Muscat of Hamburg	R	2886	32.5	0.6	224.8	Tannat	R	1725	25.6	0.4	204.4
Tannat	R	2433	27.4	0.5	239.4	Muscat of Hamburg	R	1267	18.8	0.3	109.7
Merlot	R	1057	11.9	0.1	2.7	Trebbiano Toscano	W	682	10.1	0.1	3.8
Cabernet Franc	R	364	4.1	0.1	3.9	Merlot	R	747	11.1	0.1	1.9
Cabernet Sauvignon	R	675	7.6	0.1	1.7	Cabernet Franc	R	266	3.9	0.0	3.2
Sauvignon Blanc	W	142	1.6	0.0	1.2	Marselan	R	120	1.8	0.0	20.2
Chardonnay	W	142	1.6	0.0	0.5	Isabella	R	102	1.5	0.0	3.8
Syrah	R	62	0.7	0.0	0.3	Arinarnoa	R	45	0.7	0.0	61.5
						Viognier	W	41	0.6	0.0	1.7
						Cabernet Sauvignon	R	484	7.2	0.0	1.0
						Petit Verdot	R	26	0.4	0.0	2.1
						Nebbiolo	R	25	0.4	0.0	2.1
						Sauvignon Blanc (G)	W	10	0.1	0.0	6.2
						Concord	R	24	0.4	0.0	1.5
						Arriloba	W	6	0.1	0.0	73.6
						Canari Noir	R	4	0.1	0.0	31.8
						Egiódola	R	2	0.0	0.0	4.7
						Malvasia Fina	W	6	0.1	0.0	1.2
						Roussanne	W	2	0.0	0.0	0.6
						Marsanne	W	1	0.0	0.0	0.4
Total of above		7762	87.4			Total of above		5585	82.8		

Missing 9											
2000						2016					
Prime variety	Col	Area	Nat'l share	NVII*	VII*	Prime variety	Col	Area	Nat'l share	NVII*	VII*
Cabernet Sauvignon	R	20373	25.4	3.4	5.6						
Rkatsiteli	W	10549	13.1	1.9	9.5						
Aligoté	W	6916	8.6	1.3	11.8						
Merlot	R	5549	6.9	0.4	1.6						
Odessky Cherny	R	1694	2.1	0.3	60.9						
Sultaniye	W	1820	2.3	0.3	9.1						
Riesling	W	2279	2.8	0.3	3.2						
Sauvignon Blanc	W	2383	3.0	0.3	2.2						
Saperavi	R	1356	1.7	0.3	12.3						
Isabella	R	1673	2.1	0.3	3.7						
Öküzgözü	R	1033	1.3	0.2	60.9						
Sukholimansky Bely	W	1032	1.3	0.2	38.5						
Bastardo Magarachsky	R	929	1.2	0.2	28.7						
Carmenère	R	945	1.2	0.2	10.1						
Negramoll	R	874	1.1	0.2	15.0						
Boğazkere	R	773	1.0	0.2	60.9						
Chardonnay	W	3120	3.9	0.1	1.3						
Italia	W	706	0.9	0.1	40.0						
Kokur Bely	W	641	0.8	0.1	60.9						
Dimrit	R	602	0.8	0.1	60.9						
Total of above		65248	81.3			Total of above					



## **V. National Varietal Intensity Indexes for world's top varieties**

Table 59: National VIIIs for the world's top 24 red varieties, 2000

Cabernet Sauvignon			Garnacha Tinta			Merlot			Mazuelo		
Country	VII	Country	VII	Country	VII	VII	Country	VII	Country	VII	
Chile	6.91	Algeria	4.52	Israel	3.06	Tunisia	17.22				
Australia	4.19	Tunisia	2.71	Uruguay	2.73	Algeria	9.57				
Israel	2.74	France	2.50	France	2.68	Israel	7.66				
Bulgaria	2.38	Spain	1.88	Bulgaria	2.67	France	4.24				
United States	2.19	United States	0.58	Chile	2.58	Morocco	1.31				
South Africa	2.06	Australia	0.37	United States	2.20	United States	0.67				
Moldova	1.85	Morocco	0.37	Moldova	2.07	Spain	0.26				
Uruguay	1.67	Italy	0.24	Canada	1.82	Chile	0.22				
Argentina	1.53	Greece	0.01	New Zealand	1.51	Italy	0.10				
Canada	1.47	South Africa	0.01	Australia	1.35	South Africa	0.03				
New Zealand	1.44	Argentina	0.00	Switzerland	1.29	Australia	0.03				
France	1.35			South Africa	1.20	Argentina	0.01				
Algeria	1.10			Slovenia	1.17	Greece	0.01				
Romania	0.85			Algeria	1.15						
Russia	0.61			Romania	0.81						
Syrah			Bobal			Tempranillo			Monastrell		
Country	VII	Country	VII	Country	VII	VII	Country	VII	Country	VII	
Australia	10.70	Spain	4.14	Spain	3.51	Spain	3.64				
South Africa	2.87			Portugal	1.88	Tunisia	1.28				
France	2.79			Argentina	1.25	France	0.57				
Algeria	2.38			France	0.09	Australia	0.46				
Argentina	2.15			United States	0.06	United States	0.07				
Tunisia	0.95			Australia	0.02	Chile	0.01				
Chile	0.85			South Africa	0.01	South Africa	0.01				
United States	0.41			Italy	0.00	Argentina	0.00				
Uruguay	0.33			Chile	0.00						
New Zealand	0.29										
Switzerland	0.17										
Italy	0.08										
Greece	0.04										
Spain	0.00										

Table 59 (cont.): National VIIIs for the world's top 24 red varieties, 2000

<b>Sangiovese</b>		<b>Pinot Noir</b>		<b>Cabernet Franc</b>		<b>Cinsaut</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Italy	7.00	Switzerland	21.73	Brazil	6.73	Algeria	25.23
Tunisia	3.55	New Zealand	7.84	Canada	6.27	Morocco	8.02
Argentina	0.90	Germany	5.89	France	3.92	Tunisia	5.05
United States	0.28	Moldova	5.16	Uruguay	3.86	South Africa	3.81
Australia	0.20	Canada	3.82	New Zealand	1.12	France	3.69
France	0.13	Algeria	3.55	Italy	0.98	Greece	0.21
Chile	0.08	Luxembourg	3.48	United States	0.64	Chile	0.17
South Africa	0.03	France	2.18	Hungary	0.57	Italy	0.04
		United States	2.16	Chile	0.57	United States	0.02
		Australia	1.75	Australia	0.54	Argentina	0.00
		Chile	1.01	South Africa	0.49	Spain	
		Austria	0.60	Argentina	0.12		
		Bulgaria	0.57	Switzerland	0.10		
		Romania	0.56	Greece	0.07		
		Argentina	0.40	Austria	0.05		
<b>Gamay Noir</b>		<b>Alicante Henri Bouschet</b>		<b>Barbera</b>		<b>Montepulciano</b>	
<i>VII</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Switzerland	17.00	Algeria	13.15	Italy	6.31	Italy	7.66
France	5.16	Tunisia	6.58	United States	3.95	Argentina	0.04
Canada	4.00	Chile	3.33	Argentina	0.79		
United States	0.50	Morocco	2.91	Australia	0.12		
Luxembourg	0.10	Spain	2.04	South Africa	0.02		
South Africa	0.05	France	1.33				
Italy	0.03	Portugal	0.43				
Argentina	0.00	United States	0.42				
Spain	0.00	Italy	0.11				
		Argentina	0.08				
		Greece	0.05				
		South Africa	0.01				

Table 59 (cont.): National VIIIs for the world's top 24 red varieties, 2000

	<b>Isabella</b>	<b>Tribidrag</b>			<b>Côt</b>			<b>Criolla Grande</b>		
<i>Country</i>		<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Brazil	48.14	United States	19.25	Argentina	17.17	Argentina				24.76
Moldova	22.59	Tunisia	3.63	Chile	1.52					
Argentina	0.07	Italy	2.23	France	1.32					
United States	0.02	Chile	0.14	New Zealand	1.25					
		South Africa	0.05	Australia	0.61					
		Argentina	0.01	South Africa	0.15					
		France	0.00	United States	0.10					
				Moldova	0.08					
				Italy	0.07					
				Spain	0.00					
				Switzerland	0.00					

	<b>Pamid</b>	<b>Douce Noire</b>			<b>Negroamaro</b>			<b>Doukkali</b>		
<i>Country</i>		<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Bulgaria	50.61	Argentina	21.16	Italy						
Hungary	0.30	Italy	1.11							
Greece	0.06	United States	0.03							
		France	0.00							

Table 60: National VIIIs for the world's top 24 red varieties, 2016

Cabernet Sauvignon			Merlot			Tempranillo			Syrah		
Country	VII	Country	VII	Country	VII	VII	Country	VII	Country	VII	
Chile	4.20	Cambodia	3.37	Spain	4.48	Myanmar	9.54				
Lebanon	3.61	Bulgaria	3.19	Portugal	1.90	Thailand	8.87				
China	3.27	Israel	2.41	Myanmar	1.02	Cambodia	7.42				
Cambodia	2.89	France	2.24	Mexico	0.86	Australia	7.28				
Israel	2.86	Lebanon	2.10	Argentina	0.61	India	4.58				
Ukraine	2.83	Algeria	2.03	Thailand	0.37	Algeria	2.98				
Australia	2.61	Uruguay	1.86	Israel	0.22	Turkey	2.60				
Bulgaria	2.54	China	1.58	Australia	0.11	South Africa	2.57				
United States	2.46	Moldova	1.57	United States	0.05	Israel	1.91				
Russia	2.42	Serbia	1.50	South Africa	0.02	France	1.89				
Mexico	2.00	United States	1.49	Chile	0.02	Lebanon	1.86				
Algeria	1.74	Chile	1.39	France	0.02	Argentina	1.52				
South Africa	1.60	Switzerland	1.28	Brazil	0.01	Chile	1.36				
Moldova	1.43	Mexico	1.20	New Zealand	0.01	United States	0.94				
Serbia	1.38	Croatia	1.19	Canada	0.01	Mexico	0.66				
Garnacha Tinta			Pinot Noir			Sangiovese			Bobal		
Country	VII	Country	VII	Country	VII	Country	VII	Country	VII	Country	VII
Algeria	7.20	United Kingdom	12.62	Ethiopia	32.47	Spain	5.07				
France	2.88	Switzerland	12.09	Italy	6.91						
Spain	1.85	New Zealand	6.61	Thailand	0.63						
Tunisia	1.34	Germany	5.03	Argentina	0.54						
Morocco	1.34	Myanmar	4.25	United States	0.21						
Mexico	0.77	United States	4.08	Australia	0.20						
China	0.67	Luxembourg	3.96	France	0.11						
Australia	0.34	Czechia	2.18	Turkey	0.08						
United States	0.28	Canada	2.16	Chile	0.06						
Italy	0.27	France	1.65	South Africa	0.04						
South Africa	0.11	India	1.57	Romania	0.03						
Turkey	0.07	Australia	1.54	Canada	0.02						
Chile	0.04	Serbia	1.22	New Zealand	0.01						
Uruguay	0.02	Moldova	1.22	Brazil	0.01						
Portugal	0.01	Chile	1.19	Hungary	0.00						

Table 60 (cont.): National VIIIs for the world's top 24 red varieties, 2016

	Cabernet Franc	Côt	Monastrell	Mazuelo
Country	VII	Country	VII	Country
Brazil	16.46	Argentina	16.81	Spain
Canada	5.20	Israel	1.89	Algeria
France	3.17	Chile	1.35	Israel
Uruguay	3.15	France	0.64	Mexico
Israel	1.76	United States	0.58	Australia
Hungary	1.71	Uruguay	0.55	South Africa
Chile	0.87	South Africa	0.41	Tunisia
Italy	0.74	Australia	0.33	United States
United States	0.73	New Zealand	0.31	United States
Moldova	0.73	Canada	0.28	Turkey
South Africa	0.70	Peru	0.22	Spain
Kazakhstan	0.65	Moldova	0.17	Canada
Bulgaria	0.36	Turkey	0.13	United States
Argentina	0.36	Switzerland	0.09	United States
Switzerland	0.34	Brazil	0.08	United States
Alicante Henri Bouschet	Tribidrag	Montepulciano	Gamay Noir	
Country	VII	Country	VII	Country
Tunisia	6.50	United States	10.31	Italy
Morocco	6.50	North Macedonia	5.38	Australia
Chile	5.89	Italy	3.06	Argentina
Turkey	4.83	Canada	0.09	United States
Portugal	3.10	Australia	0.09	New Zealand
Spain	2.72	Chile	0.06	Brazil
Uruguay	0.44	South Africa	0.03	Chile
France	0.40	New Zealand	0.02	Spain
Brazil	0.38	Romania	0.01	Romania
United States	0.20	Switzerland	0.00	United States
Greece	0.15	Argentina	0.00	United States
Argentina	0.08	France	0.00	United States
Italy	0.06	Spain	0.00	United States
Hungary	0.03			United States
Australia	0.02			United States
Chile	0.00			United States

Table 60 (cont.): National VIIIs for the world's top 24 red varieties, 2016

	Cinsaut	Carmenère	Douce Noire	Barbera
Country	VII	Country	VII	Country
Tunisia	36.01	Chile	14.36	Argentina
Morocco	36.01	China	12.55	Italy
Turkey	6.13	Italy	0.21	United States
France	3.82	Brazil	0.06	Slovenia
South Africa	3.61	Argentina	0.06	Argentina
Chile	1.14	Canada	0.04	Australia
United States	0.04	Australia	0.02	South Africa
Greece	0.02	United States	0.02	Canada
Australia	0.01	South Africa	0.02	Brazil
Portugal	0.01	France	0.01	Switzerland
Spain	0.00	Hungary	0.00	Chile
Argentina	0.00	Switzerland	0.00	Romania
Italy	0.00	Spain	0.00	Spain

	Isabella	Blaufränkisch	Criolla Grande	Pinot Meunier
Country	VII	Country	VII	Country
Brazil	88.41	Slovakia	40.95	Argentina
Ukraine	12.00	Hungary	29.66	United Kingdom
Moldova	10.57	Czechia	21.93	Germany
Russia	6.75	Peru	19.75	France
Uruguay	3.81	Austria	16.12	Moldova
Australia	0.03	Croatia	11.57	Canada
Switzerland	0.02	Slovenia	11.57	Australia
		Serbia	8.62	New Zealand
		Germany	4.80	United States
		Romania	1.04	South Africa
		Canada	0.10	Argentina
		Switzerland	0.06	Chile
		Italy	0.01	Switzerland
		United States	0.00	Italy
		Australia	0.00	Spain

Table 61: National VIIIs for the world's top 24 white varieties, 2000

<b>Airén</b>			<b>Chardonnay</b>			<b>Trebbiano Toscano</b>			<b>Graševina</b>		
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Spain	4.14	New Zealand	9.41	France	3.72	Serbia	25.42				
		United States	6.84	Italy	2.21	Croatia					
Australia			4.44	Bulgaria	0.68	Slovakia	14.30				
Canada			3.85	Greece	0.52	Slovenia	13.24				
United Kingdom			2.62	Argentina	0.50	Czechia	8.05				
Chile			2.26	Brazil	0.46	Austria	5.82				
Slovenia			2.22	Australia	0.19	Hungary	4.72				
South Africa			2.18	Portugal	0.07	Romania	4.07				
Moldova			1.92	South Africa	0.06	Bulgaria	3.58				
Czechia			1.68	United States	0.03	Brazil	1.99				
France			1.42	Spain	0.00	Italy	0.88				
Slovakia			1.34			Spain	0.17				
Hungary			1.14				0.09				
Israel			0.98								
Russia			0.98								

<b>Rkatsiteli</b>			<b>Sauvignon Blanc</b>			<b>Cayetana Blanca</b>			<b>Catarratto Bianco</b>		
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Georgia	38.28	New Zealand	18.27	Spain	4.12	Italy	7.68				
Russia	16.94	Moldova	6.80	Australia	0.17						
Armenia	15.99	Chile	4.38								
Moldova	9.29	South Africa	4.35								
Bulgaria	7.13	Israel	4.07								
Romania	0.17	Slovenia	3.90								
		France	1.81								
		United States	1.79								
		Romania	1.56								
		Australia	1.49								
		Canada	1.30								
		Uruguay	1.20								
		Austria	0.49								
		Italy	0.39								
		Argentina	0.33								

Table 61 (cont.): National VIIIs for the world's top 24 white varieties, 2000

Macabeo		Chenin Blanc		Riesling		Colombard	
Country	VII	Country	VII	Country	VII	Country	VII
Spain	3.69	South Africa	25.73	Germany	24.19	South Africa	15.44
France	0.61	United States	5.13	Luxembourg	14.65	United States	12.97
Argentina	0.00	Israel	2.23	Czechia	7.90	Israel	12.66
		Argentina	1.86	Canada	6.39	Australia	1.75
		New Zealand	1.57	New Zealand	5.56	France	1.01
		France	1.21	Austria	3.82		
		Australia	0.69	Russia	2.76		
		Chile	0.07	Australia	2.70		
		Spain	0.01	Hungary	2.10		
		Switzerland	0.01	Moldova	1.69		
				United States	1.26		
				Bulgaria	0.76		
				South Africa	0.57		
				France	0.44		
				Chile	0.28		

Aligoté		Müller-Thurgau		Palomino Fino		Muscat Blanc à Petits Grains	
Country	VII	Country	VII	Country	VII	Country	VII
Moldova	24.08	Luxembourg	49.55	Spain	3.75	Armenia	7.65
Romania	4.69	Germany	28.91	South Africa	2.79	Greece	7.15
Russia	4.43	Czechia	20.37	New Zealand	0.34	Italy	3.33
Bulgaria	2.37	Slovakia	17.46	United States	0.29	Hungary	2.89
Georgia	0.36	Austria	9.87	Argentina	0.18	South Africa	1.35
France	0.28	Switzerland	6.64	Australia	0.15	France	1.31
Switzerland	0.18	New Zealand	6.13	France	0.08	Portugal	1.13
		Hungary	5.49			Romania	0.74
		Moldova	0.28			Austria	0.48
		Italy	0.23			United States	0.48
		France	0.00			Switzerland	0.48

Table 61 (cont.): National VIIIs for the world's top 24 white varieties, 2000

	<b>Sémillon</b>	<b>Fetească Albă</b>	<b>Gruiner Veltliner</b>
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Morocco	12.22	Australia	9.31
South Africa	7.14	New Zealand	4.29
Israel	6.89	Chile	3.09
Argentina	4.61	France	3.02
Australia	3.16	South Africa	2.05
Brazil	2.53	Brazil	1.36
United States	1.89	Argentina	0.97
Spain	0.86	United States	0.75
France	0.58	Greece	0.08
Portugal	0.41	Switzerland	0.04
Italy	0.30	Italy	0.00

	<b>Trebbiano Romagnolo</b>	<b>Pedro Ximénez</b>	<b>Pinot Blanc</b>	<b>Garganega</b>
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
Italy	7.68	Chile	5.91	Luxembourg
		Spain	3.54	Austria
		Australia	0.19	Russia
				Slovakia
				Germany
				Canada
				Italy
				Switzerland
				Georgia
				Moldova
				United States
				France
				South Africa
				Argentina
				Chile

Table 62: National VIIIs for the world's top 24 white varieties, 2016

Airen		Chardonnay		Sauvignon Blanc		Trebbiano Toscano	
Country	VII	Country	VII	Country	VII	Country	VII
Spain	5.06	United Kingdom	6.43	New Zealand	20.78	India	4.14
Tunisia	0.55	Lebanon	5.56	Myanmar	11.30	Uruguay	3.77
Morocco	0.55	United States	3.84	India	6.66	France	3.60
		Australia	3.58	Lebanon	4.49	Italy	2.18
		Canada	2.50	Chile	3.70	Bulgaria	0.52
		New Zealand	1.95	South Africa	3.47	China	0.31
		Chile	1.74	Moldova	3.01	Argentina	0.29
		Slovenia	1.64	Slovenia	2.52	Brazil	0.26
		South Africa	1.59	Czechia	2.39	Greece	0.15
		Russia	1.52	Ukraine	2.21	Moldova	0.13
		Serbia	1.47	Russia	1.77	South Africa	0.06
		Czechia	1.34	Australia	1.64	Russia	0.05
		Ukraine	1.33	France	1.24	Portugal	0.02
		Bulgaria	1.30	Serbia	1.21	United States	0.01
		France	1.29	Romania	1.10	Canada	0.01

Riesling		Rkatsiteli		Macabeo		Cayetana Blanca	
Country	VII	Country	VII	Country	VII	Country	VII
Germany	17.09	Georgia	46.04	Spain	4.86	Spain	5.05
Luxembourg	9.34	Kazakhstan	44.68	France	0.24	Portugal	0.09
Canada	7.07	Ukraine	20.03	South Africa	0.01	Australia	0.02
Czechia	6.46	Russia	11.13				
Slovakia	6.00	Bulgaria	8.92				
Serbia	4.63	Moldova	4.12				
Ukraine	4.02	North Macedonia	1.62				
Croatia	3.99	Serbia	0.24				
Austria	3.33	Romania	0.20				
Russia	3.29						
Slovenia	2.85						
North Macedonia	2.72						
Romania	2.51						
Australia	1.76						
New Zealand	1.62						

Table 62 (cont.): National VIIIs for the world's top 24 white varieties, 2016

<b>Muscat Alexandria</b>		<b>Muscat Blanc à Petits Grains</b>		<b>Chenin Blanc</b>		<b>Colombard</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Morocco	15.33	Myanmar	13.29	Ethiopia	44.41	South Africa	17.96
Tunisia	15.33	Peru	12.52	South Africa	25.72	Thailand	10.49
Israel	5.67	Mexico	5.98	Thailand	10.85	Israel	6.58
Chile	4.79	Slovenia	4.87	Mexico	7.00	United States	4.98
India	4.77	Greece	4.10	France	1.61	Australia	2.02
Algeria	3.10	Italy	2.93	Argentina	1.45	France	1.55
South Africa	2.40	Austria	2.41	United States	1.14	Brazil	0.10
China	2.17	North Macedonia	2.15	Australia	0.43	Spain	0.00
Australia	2.12	Ukraine	1.78	New Zealand	0.09		
Greece	1.96	Hungary	1.59	Switzerland	0.07		
Argentina	1.70	Russia	1.26	Peru	0.07		
Spain	1.39	Turkey	1.25	Canada	0.07		
United States	1.07	France	1.20	Uruguay	0.04		
Uruguay	0.42	South Africa	1.16	Chile	0.04		
France	0.39	Romania	1.15	Brazil	0.03		
<b>Catarratto Bianco</b>		<b>Aligoté</b>		<b>Graševina</b>		<b>Palomino Fino</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Italy	7.40	Ukraine	31.84	Croatia	69.79	Spain	4.40
United States	0.03	Russia	19.15	Slovenia	22.25	Mexico	3.86
		Moldova	15.65	Serbia	17.01	Portugal	2.75
		Kazakhstan	6.64	Czechia	15.06	South Africa	0.27
		Romania	5.32	Austria	13.08	Argentina	0.10
		Bulgaria	0.90	Hungary	11.32	United States	0.06
		Georgia	0.43	Slovakia	10.82	New Zealand	0.04
		Canada	0.40	China	3.10	Australia	0.03
		France	0.39	North Macedonia	2.00	France	0.01
		Switzerland	0.27	Romania	1.45	Switzerland	0.00
		Hungary	0.00	Brazil	1.04		
				Italy	0.38		
				Spain	0.22		

Table 62 (cont.): National VIIIs for the world's top 24 white varieties, 2016

Prosecco		Müller-Thurgau		Grüner Veltliner		Trebbiano Romagnolo	
Country	VII	Country	VII	Country	VII	Country	VII
Italy	7.28	Luxembourg	55.88	Austria	74.19	Italy	7.42
Brazil	1.39	Germany	28.37	Slovakia	49.24		
Australia	0.27	Czechia	25.00	Czechia	26.52		
Argentina	0.01	Slovakia	15.10	Hungary	5.07		
		Austria	8.99	New Zealand	0.29		
		Switzerland	7.23	United States	0.06		
		Hungary	6.01	Canada	0.05		
		Slovenia	1.85	Germany	0.03		
		United Kingdom	1.84	Italy	0.02		
		Japan	1.30	Australia	0.02		
		Italy	0.49	Switzerland	0.01		
		Russia	0.48	South Africa	0.01		
		Canada	0.11	Argentina	0.01		
		United States	0.04	Romania	0.00		
		New Zealand	0.01				

Sémillon		Verdejo		Viognier		Pedro Giménez	
Country	VII	Country	VII	Country	VII	Country	VII
Turkey	9.25	Spain	5.07	France	3.02	Argentina	15.62
Australia	8.25	Australia	0.01	South Africa	2.40	Chile	8.64
France	3.01	Chile	0.00	Canada	2.23		
South Africa	2.81			United States	1.72		
Chile	1.40			Uruguay	1.70		
Argentina	0.89			Thailand	1.69		
Uruguay	0.50			Chile	1.61		
New Zealand	0.43			Australia	1.59		
Canada	0.36			Argentina	1.05		
United States	0.34			New Zealand	1.02		
Hungary	0.16			Italy	0.84		
Russia	0.12			Switzerland	0.84		
Portugal	0.10			Turkey	0.30		
Switzerland	0.06			Portugal	0.19		
Greece	0.05			Moldova	0.11		

Table 63: National NVIIs for the world's top 24 red varieties, 2000

<b>Cabernet Sauvignon</b>		<b>Garnacha Tinta</b>		<b>Merlot</b>		<b>Mazuelo</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Chile	6.29	France	11.75	France	13.00	France	14.97
Australia	3.89	Spain	9.37	United States	1.88	Tunisia	1.46
France	2.85	Algeria	0.96	Chile	1.61	Algeria	1.38
United States	1.95	Tunisia	0.26	Bulgaria	1.43	Israel	0.17
Bulgaria	1.24	Morocco	-0.29	Moldova	0.86	Morocco	0.08
Argentina	0.98	Greece	-0.46	Australia	0.40	Greece	-0.27
South Africa	0.93	United States	-0.67	South Africa	0.16	United States	-0.31
Moldova	0.71	Australia	-0.75	Uruguay	0.14	Chile	-0.48
Israel	0.08	South Africa	-0.84	Israel	0.09	South Africa	-0.49
Uruguay	0.06	Argentina	-1.79	Canada	0.06	Australia	-0.68
New Zealand	0.04	Italy	-4.38	New Zealand	0.05	Argentina	-1.04
Canada	0.04			Switzerland	0.04	Italy	-3.05
Algeria	0.03			Algeria	0.04	Spain	-4.66
Tunisia	-0.09			Slovenia	0.04		
Slovakia	-0.11			Brazil	-0.38		
Switzerland	-0.13			Romania	-0.39		
<b>Syrah</b>		<b>Bobal</b>		<b>Tempranillo</b>		<b>Monastrell</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
France	6.66	Spain	15.53	Spain	11.61	Spain	9.97
Australia	5.43			Portugal	0.70	Tunisia	0.02
Argentina	0.97			Argentina	0.19	Australia	-0.22
South Africa	0.75			South Africa	-0.36	South Africa	-0.30
Algeria	0.18			Chile	-0.45	Chile	-0.36
Tunisia	0.00			Australia	-0.50	United States	-0.52
Uruguay	-0.03			United States	-0.65	Argentina	-0.63
New Zealand	-0.03			Italy	-2.49	France	-1.20
Switzerland	-0.05			France	-3.06		
Chile	-0.07						
Greece	-0.21						
United States	-0.45						
Italy	-2.52						
Spain	-5.05						

Table 63 (cont.): National NVIIs for the world's top 24 red varieties, 2000

	<b>Sangiovese</b>	<b>Pinot Noir</b>	<b>Cabernet Franc</b>	<b>Cinsaut</b>
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
Italy	11.01	France	2.94	France
Tunisia	0.12	Germany	1.47	Brazil
Argentina	-0.06	Moldova	1.08	Canada
South Africa	-0.26	Switzerland	0.90	Uruguay
Australia	-0.30	United States	0.59	New Zealand
Chile	-0.30	Australia	0.28	Italy
United States	-0.37	Algeria	0.22	Switzerland
France	-2.17	New Zealand	0.20	Hungary
		Canada	0.07	Austria
		Luxembourg	0.01	Greece
		Chile	0.00	South Africa
		Austria	-0.06	Chile
		Bulgaria	-0.12	Australia
		South Africa	-0.17	United States
		Hungary	-0.20	Argentina
		Romania	-0.28	Spain
			-2.57	
	<b>Gamay Noir</b>	<b>Alicante Henri Bouschet</b>	<b>Barbera</b>	<b>Montepulciano</b>
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
France	5.70	Spain	1.91	Italy
Switzerland	0.38	Algeria	0.57	United States
Canada	0.04	France	0.45	Argentina
Luxembourg	0.00	Chile	0.41	South Africa
United States	-0.14	Morocco	0.15	Australia
South Africa	-0.14	Tunisia	0.15	
Argentina	-0.31	Greece	-0.07	
Italy	-0.98	South Africa	-0.14	
Spain	-1.87	United States	-0.16	
		Portugal	-0.18	
		Argentina	-0.28	
		Italy	-0.89	

Table 63 (cont.): National NVIIs for the world's top 24 red varieties, 2000

	<b>Isabella</b>		<b>Tribidrag</b>		<b>Côt</b>		<b>Criolla Grande</b>
<i>Country</i>		<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
Brazil	2.86	United States	3.61	Argentina	3.51	Argentina	4.76
Moldova	2.23	Italy	0.88	France	0.30		
United States	-0.20	Tunisia	0.05	Chile	0.06		
Argentina	-0.21	South Africa	-0.10	New Zealand	0.00		
		Chile	-0.11	Switzerland	-0.02		
		Argentina	-0.22	Australia	-0.06		
		France	-0.97	South Africa	-0.09		
		Moldova	-0.09				
		United States	-0.17				
		Italy	-0.65				
		Spain	-1.30				

	<b>Pamid</b>		<b>Douce Noire</b>		<b>Negroamaro</b>		<b>Doukkali</b>
<i>Country</i>		<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
Bulgaria	4.53	Argentina	3.05	Italy			
Greece	-0.05	Italy	0.05				
Hungary	-0.06	United States	-0.13				
		France	-0.66				

Table 64: National NVIIs for the world's top 24 red varieties, 2016

Cabernet Sauvignon			Merlot			Tempranillo			Syrah		
Country	VII	Country	VII	Country	VII	VII	Country	VII	Country	VII	
Chile	7.20	France	13.40	Spain	33.54	Australia	7.49				
China	6.24	United States	1.56	Portugal	1.80	France	6.53				
United States	5.40	Bulgaria	1.54	Myanmar	0.00	South Africa	1.36				
Australia	3.30	China	1.37	Thailand	0.00	Argentina	0.97				
Bulgaria	1.26	Chile	0.76	Mexico	-0.01	Chile	0.47				
Russia	1.12	Moldova	0.62	Israel	-0.04	Turkey	0.20				
South Africa	0.88	Romania	0.18	Canada	-0.14	Algeria	0.15				
Ukraine	0.71	Serbia	0.15	Turkey	-0.15	India	0.09				
Moldova	0.55	Australia	0.12	Switzerland	-0.16	Israel	0.04				
Argentina	0.24	Algeria	0.11	Brazil	-0.36	Lebanon	0.03				
Lebanon	0.16	Israel	0.09	New Zealand	-0.38	Thailand	0.01				
Israel	0.14	Uruguay	0.08	Greece	-0.55	Myanmar	0.01				
Serbia	0.13	Lebanon	0.06	Argentina	-0.88	Cambodia	0.00				
Algeria	0.09	Switzerland	0.05	South Africa	-1.02	Tunisia	-0.02				
Mexico	0.08	Croatia	0.03	Australia	-1.29	Mexico	-0.02				
Garnacha Tinta			Pinot Noir			Sangiovese			Bobal		
Country	VII	Country	VII	Country	VII	Country	VII	Country	VII	Country	VII
France	11.45	United States	3.87	Italy	13.05	Spain	10.60				
Spain	5.58	France	2.77	Ethiopia	0.02						
Algeria	0.38	Germany	2.00	Thailand	0.00						
Morocco	0.04	New Zealand	1.04	Canada	-0.05						
Tunisia	0.01	Switzerland	0.86	Turkey	-0.05						
Mexico	-0.01	Australia	0.38	Switzerland	-0.05						
Peru	-0.03	Chile	0.15	Brazil	-0.12						
Uruguay	-0.05	United Kingdom	0.11	New Zealand	-0.13						
Canada	-0.09	Moldova	0.09	Hungary	-0.23						
Turkey	-0.09	Czechia	0.08	South Africa	-0.33						
Switzerland	-0.11	Canada	0.08	Argentina	-0.34						
New Zealand	-0.26	Serbia	0.03	Australia	-0.39						
China	-0.44	Luxembourg	0.02	Chile	-0.50						
South Africa	-0.64	India	0.01	Romania	-0.65						
Australia	-0.66	Kazakhstan	0.00	United States	-0.69						

Table 64 (cont.): National NVIs for the world's top 24 red varieties, 2016

	Cabernet Franc	Côt	Monastrell	Mazuelo
Country	VII	Country	VII	Country
France	4.94	Argentina	8.48	Spain
Brazil	1.43	Chile	0.13	Israel
Canada	0.15	Israel	0.01	Canada
Hungary	0.13	Peru	-0.01	Turkey
Uruguay	0.04	Uruguay	-0.01	Switzerland
Israel	0.01	Canada	-0.02	South Africa
Kazakhstan	-0.01	Turkey	-0.03	France
Switzerland	-0.03	Switzerland	-0.04	Australia
Turkey	-0.03	New Zealand	-0.06	Chile
Slovenia	-0.04	Brazil	-0.08	Romania
Serbia	-0.04	South Africa	-0.15	United States
Chile	-0.05	Hungary	-0.17	Argentina
Moldova	-0.06	Moldova	-0.18	
New Zealand	-0.07	Australia	-0.23	
South Africa	-0.08	United States	-0.26	

	Alicante Henri Bouschet	Tribidrag	Montepulciano	Gamay Noir
Country	VII	Country	VII	Country
Spain	2.72	United States	3.74	Italy
Chile	1.28	Italy	2.09	Brazil
Portugal	0.69	North Macedonia	0.18	New Zealand
Morocco	0.17	Canada	-0.02	Australia
Turkey	0.09	Switzerland	-0.02	Chile
Tunisia	0.03	New Zealand	-0.06	Argentina
Uruguay	-0.01	South Africa	-0.15	United States
Canada	-0.02	Australia	-0.20	Spain
Switzerland	-0.03	Chile	-0.23	
Brazil	-0.04	Romania	-0.30	
Greece	-0.08	Argentina	-0.35	
Hungary	-0.11	France	-1.36	
South Africa	-0.17	Spain	-1.48	
Australia	-0.23			
Romania	-0.32			

Table 64 (cont.): National NVIIs for the world's top 24 red varieties, 2016

	Cinsaut	Carmenère	Douce Noire	Barbera
Country	VII	Country	VII	Country
France	2.62	China	2.30	Argentina
Morocco	0.70	Chile	2.18	United States
South Africa	0.28	Canada	-0.01	Italy
Tunisia	0.14	Switzerland	-0.02	Slovenia
Turkey	0.08	Brazil	-0.03	Canada
Chile	0.02	Hungary	-0.07	Switzerland
Greece	-0.06	South Africa	-0.11	Brazil
Australia	-0.15	Australia	-0.14	South Africa
Portugal	-0.21	Argentina	-0.22	Argentina
Argentina	-0.24	United States	-0.26	Australia
United States	-0.26	Italy	-0.53	Chile
Italy	-0.69	France	-0.91	Romania
Spain	-1.01	Spain	-0.99	Spain

	Isabella	Blaufränkisch	Criolla Grande	Pinot Meunier
Country	VII	Country	VII	Country
Brazil	2.57	Hungary	1.56	Argentina
Moldova	0.70	Austria	0.59	France
Russia	0.26	Germany	0.31	Germany
Ukraine	0.25	Slovakia	0.26	United Kingdom
Uruguay	0.02	Czechia	0.24	Canada
Switzerland	-0.01	Slovenia	0.14	Switzerland
Australia	-0.11	Serbia	0.14	New Zealand
		Croatia	0.11	Moldova
		Peru	0.06	South Africa
		Romania	0.01	Australia
		Canada	-0.01	Chile
		Switzerland	-0.01	Argentina
		Australia	-0.11	United States
		United States	-0.20	Italy
		Italy	-0.51	Spain

Table 65: National NVIIIs for the world's top 24 white varieties, 2000

<b>Airén</b>		<b>Chardonnay</b>		<b>Trebbiano Toscano</b>		<b>Graševina</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Spain	60.19	United States	6.25	France	13.52	Serbia	6.51
		Australia	2.74	Italy	4.41	Croatia	3.05
France			2.20	Greece	-0.14	Romania	2.21
Chile			0.88	Brazil	-0.16	Hungary	1.03
South Africa			0.67	Bulgaria	-0.18	Slovakia	0.74
New Zealand			0.51	South Africa	-0.51	Austria	0.70
Moldova			0.50	Argentina	-0.57	Slovenia	0.64
Slovenia			0.17	Australia	-0.61	Bulgaria	0.37
Canada			0.15	United States	-0.98	Czechia	0.21
Hungary			0.08	Portugal	-1.10	Brazil	-0.02
Czechia			0.05	Spain	-6.78	Italy	-2.05
Slovakia			0.03			Spain	-4.17
United Kingdom			0.01				
Israel			0.00				
Luxembourg			-0.01				
<b>Rkatsiteli</b>		<b>Sauvignon Blanc</b>		<b>Cayetana Blanca</b>		<b>Catarratto Bianco</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Georgia	3.93	France	1.92	Spain	8.60	Italy	9.02
Russia	2.53	Moldova	1.42	Australia	-0.25		
Moldova	2.10	Chile	1.05				
Bulgaria	1.66	South Africa	0.86				
Armenia	0.47	New Zealand	0.47				
Romania	-0.52	United States	0.38				
		Romania	0.34				
		Slovenia	0.19				
		Australia	0.18				
		Israel	0.04				
		Canada	0.01				
		Uruguay	0.00				
		Switzerland	-0.03				
		Austria	-0.07				
		Greece	-0.11				

Table 65 (cont.): National NVIIs for the world's top 24 white varieties, 2000

<b>Macabeo</b>			<b>Chenin Blanc</b>			<b>Riesling</b>			<b>Colombard</b>		
Country	VII	Country	VII	Country	VII	VII	Country	VII	Country	VII	
Spain	6.40	South Africa	4.44	Germany	4.38	United States	3.40				
Argentina	-0.40	United States	1.39	Australia	0.40	South Africa	2.19				
France	-0.67	France	0.36	Austria	0.25	Australia	0.16				
		Argentina	0.33	Russia	0.18	Israel	0.09				
		Israel	0.01	Hungary	0.17	France	0.01				
		New Zealand	0.01	Czechia	0.14						
		Switzerland	-0.03	Moldova	0.11						
		Australia	-0.08	United States	0.08						
		Chile	-0.20	Canada	0.08						
		Spain	-2.24	New Zealand	0.08						
				Luxembourg	0.03						
				Switzerland	-0.03						
				Bulgaria	-0.04						
				South Africa	-0.07						
				Chile	-0.15						
<b>Aligoté</b>			<b>Müller-Thurgau</b>			<b>Palomino Fino</b>			<b>Muscat Blanc à Petits Grains</b>		
Country	VII	Country	VII	Country	VII	VII	Country	VII	Country	VII	
Moldova	3.10	Germany	4.09	Spain	4.15	Italy	1.86				
Romania	1.22	Austria	0.60	South Africa	0.21	Greece	0.39				
Russia	0.29	Hungary	0.55	New Zealand	-0.01	France	0.33				
Bulgaria	0.20	Slovakia	0.36	Australia	-0.14	Hungary	0.21				
Switzerland	-0.02	Czechia	0.31	United States	-0.16	Armenia	0.09				
Georgia	-0.04	Switzerland	0.12	Argentina	-0.21	South Africa	0.04				
France	-0.93	Luxembourg	0.09	France	-1.01	Portugal	0.03				
		New Zealand	0.07			Switzerland	-0.01				
		Moldova	-0.09			Austria	-0.03				
		Italy	-0.69			Romania	-0.07				
		France	-1.21			Moldova	-0.08				
						Germany	-0.11				
						United States	-0.12				
						Australia	-0.12				
						Argentina	-0.22				

Table 65 (cont.): National NVIIs for the world's top 24 white varieties, 2000

<b>Muscat of Alexandria</b>		<b>Sémillon</b>		<b>Fetească Alba</b>		<b>Grisiner Veltliner</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Argentina	0.88	France	1.92	Romania		3.50	Austria
South Africa	0.71	Australia	1.19	Moldova		0.80	Slovakia
Morocco	0.69	Chile	0.26	Hungary		0.11	Czechia
Australia	0.35	South Africa	0.11	Slovakia		0.05	Hungary
United States	0.19	New Zealand	0.04				Italy
Brazil	0.10	Brazil	0.02				
Israel	0.04	Argentina	-0.01				
Portugal	-0.15	Switzerland	-0.02				
Spain	-0.21	United States	-0.05				
France	-0.45	Greece	-0.05				
Italy	-0.55	Italy	-0.70				

<b>Trebbiano Romagnolo</b>		<b>Pedro Ximénez</b>		<b>Pinot Blanc</b>		<b>Garganega</b>	
<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>
Italy	3.47	Spain	2.17	Russia		0.57	Italy
		Chile	0.40	Italy		0.57	Argentina
		Australia	-0.08	Austria		0.57	
				Germany		0.42	
				Slovakia		0.12	
				Luxembourg		0.03	
				Canada		0.02	
				Georgia		0.01	
				Moldova		0.01	
				Switzerland		0.01	
				United States		-0.04	
				South Africa		-0.06	
				Chile		-0.08	
				Argentina		-0.13	
				France		-0.33	

Table 66: National NVIIs for the world's top 24 white varieties, 2016

<i>Airén</i>			<i>Chardonnay</i>			<i>Sauvignon Blanc</i>			<i>Trebbiano Toscano</i>		
Country	VII	Country	VII	Country	VII	Country	VII	Country	VII	Country	VII
Spain	36.38	United States	6.83	New Zealand	4.35	France	4.35	France	12.71		
Tunisia	-0.02	Australia	3.43	Chile	2.44	Italy	2.44	Italy	4.29		
Morocco	-0.08	France	2.41	South Africa	1.47	Uruguay	1.47	Uruguay	0.11		
		Chile	1.09	France	1.21	India	1.21	India	0.05		
		South Africa	0.57	Moldova	1.03	Canada	1.03	Canada	-0.07		
		New Zealand	0.34	Australia	0.53	Brazil	0.53	Brazil	-0.15		
		Russia	0.27	Russia	0.24	Bulgaria	0.24	Bulgaria	-0.15		
		Canada	0.19	Ukraine	0.19	Greece	0.19	Greece	-0.26		
		Lebanon	0.18	Slovenia	0.15	Russia	0.15	Russia	-0.29		
		Bulgaria	0.16	Czechia	0.12	Moldova	0.12	Moldova	-0.43		
		Serbia	0.10	Romania	0.11	South Africa	0.11	South Africa	-0.54		
		Slovenia	0.10	India	0.09	China	0.09	China	-0.73		
		United Kingdom	0.10	Lebanon	0.09	Australia	0.09	Australia	-0.79		
		Moldova	0.09	Serbia	0.03	Argentina	0.03	Argentina	-0.87		
		Ukraine	0.08	United States	0.02	Portugal	0.02	Portugal	-1.07		
<i>Riesling</i>			<i>Rkatsiteli</i>			<i>Macabeo</i>			<i>Cayetana Blanca</i>		
Country	VII	Country	VII	Country	VII	Country	VII	Country	VII	Country	VII
Germany	4.52	Georgia	5.53	Spain	6.55	Spain	6.55	Spain	6.49		
Romania	0.82	Russia	1.31	South Africa	-0.18	Australia	-0.18	Australia	-0.24		
United States	0.39	Ukraine	1.22	France	-1.20	Portugal	-1.20	Portugal	-0.30		
Russia	0.35	Bulgaria	1.07								
Austria	0.31	Kazakhstan	0.77								
Australia	0.30	Moldova	0.66								
Serbia	0.24	North Macedonia	0.04								
Canada	0.23	Serbia	-0.04								
Ukraine	0.23	Romania	-0.38								
Czechia	0.22										
Moldova	0.13										
North Macedonia	0.13										
Slovakia	0.12										
Croatia	0.10										

Table 66 (cont.): National NVIIIs for the world's top 24 white varieties, 2016

<b>Muscat Alexandria</b>			<b>Muscat Blanc à Petits Grains</b>			<b>Chenin Blanc</b>			<b>Colombard</b>		
Country	VII	Country	VII	Country	VII	Country	VII	Country	VII	Country	VII
Chile	0.96	Italy	1.96	South Africa	3.80	South Africa	3.42				
Spain	0.60	France	0.27	France	0.80	United States	1.42				
Morocco	0.44	Greece	0.26	Argentina	0.15	France	0.67				
China	0.36	Austria	0.11	United States	0.05	Australia	0.20				
Australia	0.26	Slovenia	0.10	Mexico	0.05	Israel	0.04				
Argentina	0.25	Peru	0.07	Ethiopia	0.01	Thailand	0.00				
South Africa	0.23	Hungary	0.06	Thailand	0.00	Brazil	-0.04				
Greece	0.08	North Macedonia	0.05	Peru	-0.01	Spain	-1.32				
Tunisia	0.08	Mexico	0.05	Uruguay	-0.01						
Israel	0.04	Romania	0.05	Canada	-0.02						
Algeria	0.03	Ukraine	0.03	Switzerland	-0.02						
United States	0.03	South Africa	0.03	New Zealand	-0.05						
India	0.02	Russia	0.02	Brazil	-0.05						
Uruguay	-0.01	Turkey	0.01	Hungary	-0.10						
Brazil	-0.06	Myanmar	0.00	Australia	-0.12						
<b>Catarratto Bianco</b>			<b>Aligoté</b>			<b>Graševina</b>			<b>Palomino Fino</b>		
Country	VII	Country	VII	Country	VII	Country	VII	Country	VII	Country	VII
Italy	5.51	Moldova	1.62	Croatia	0.98	Spain	3.47				
United States	-0.33	Russia	1.24	Hungary	0.80	Portugal	0.37				
		Romania	1.06	Austria	0.67	Mexico	0.02				
		Ukraine	1.04	China	0.45	Switzerland	-0.02				
		Kazakhstan	0.05	Serbia	0.43	New Zealand	-0.04				
		Bulgaria	-0.01	Slovenia	0.41	South Africa	-0.08				
		Canada	-0.01	Czechia	0.23	Australia	-0.15				
		Switzerland	-0.01	Romania	0.10	Argentina	-0.21				
		Georgia	-0.04	Slovakia	0.09	United States	-0.26				
		Hungary	-0.09	North Macedonia	0.03	France	-0.93				
		France	-0.66	Brazil	0.00		-0.45				
				Italy	-0.45		-0.83				
				Spain							

Table 66 (cont.): National NVIs for the world's top 24 white varieties, 2016

	<b>Prosecco</b>	<b>Müller-Thurgau</b>		<b>Grüner Veltliner</b>		<b>Trebbiano Romagnolo</b>	
<i>Country</i>		<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
Italy		3.80	Germany	2.51	Austria	3.16	Italy
Brazil	0.01	Austria	0.35	Slovakia	0.36		3.68
Australia	-0.10	Czechia	0.32	Czechia	0.33		
Argentina	-0.20	Hungary	0.31	Hungary	0.25		
		Slovakia	0.11	Canada	-0.01		
		Switzerland	0.09	Switzerland	-0.01		
		Luxembourg	0.07	New Zealand	-0.02		
		Slovenia	0.01	Germany	-0.09		
		United Kingdom	0.00	South Africa	-0.09		
		Japan	0.00	Australia	-0.12		
		Canada	-0.01	Romania	-0.17		
		Russia	-0.03	Argentina	-0.19		
		New Zealand	-0.03	United States	-0.21		
		Moldova	-0.08	Italy	-0.56		
		Australia	-0.13				
	<b>Sémillon</b>	<b>Verdejo</b>		<b>Viognier</b>		<b>Pedro Giménez</b>	
<i>Country</i>		<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>	<i>VII</i>	<i>Country</i>
France	1.52	Spain	3.21	France	1.32	Argentina	2.34
Australia	0.89	Australia	-0.12	United States	0.14	Chile	0.86
South Africa	0.16	Chile	-0.13	South Africa	0.11		
Turkey	0.11			Chile	0.07		
Chile	0.05			Australia	0.06		
Uruguay	0.00			Canada	0.01		
Canada	-0.01			Argentina	0.01		
Switzerland	-0.01			Uruguay	0.00		
New Zealand	-0.02			New Zealand	0.00		
Argentina	-0.02			Thailand	0.00		
Brazil	-0.03			Switzerland	0.00		
Russia	-0.04			Turkey	-0.01		
Greece	-0.04			Brazil	-0.02		
Hungary	-0.05			Hungary	-0.05		



## **VI. Regional coverage of each country**

Table 67: Winegrape area by region and region's national share, by country, 2000

Region	Area (hectares)	National share (%)	Region	Area (hectares)	National share (%)
<b>Algeria</b>	<b>30200</b>	<b>100</b>	<b>Argentina (cont.)</b>		
Adolfo Alsina	10	0.00	Poman	29	0.01
Albardón	1238	0.63	Puelen	122	0.06
Andalgala	7	0.00	Rawson	1584	0.80
Añelo	624	0.32	Rivadavia - Mza	15919	8.06
Angaco	2328	1.18	Rivadavia - San Juan	480	0.24
Arauco	26	0.01	San Alberto	1	0.00
Avellaneda - Río Negro	443	0.22	San Blas De Los Sauces	45	0.02
Ayacucho	12	0.01	San Carlos - Mza	4220	2.14
Belén	129	0.07	San Carlos - Salta	495	0.25
Cachi	4	0.00	San Javier	1	0.00
Cafayate	1334	0.68	San Martín - Mza	30344	15.37
Calingasta	72	0.04	San Martín - San Juan	3408	1.73
Capital San Juan	17	0.01	San Rafael	16109	8.16
Capital Santiago del Estero	2	0.00	Sanagasta	3	0.00
Castro Barros	219	0.11	Santa Lucía	1380	0.70
Caucete	6606	3.35	Santa María - Catamarca	579	0.29
Chilecito	5810	2.94	Sarmiento - San Juan	10905	5.52
Chimbas	823	0.42	Tafí del Valle	6533	3.31
Colón - Entre Ríos	224	0.11	Tinogasta	18	0.01
Conesa	50	0.03	Totoral	1414	0.72
Confluencia	39	0.02	Tunuyán	6	0.00
Coronel Felipe Varela	856	0.43	Tupungato	4041	2.05
Coronel Pringles	5	0.00	Ullum	5935	3.01
Cruz del Eje	60	0.03	Valle Fértil	889	0.45
Cushamen	20	0.01	Veinticinco de Mayo - San	25	0.01
El Cuy	44	0.02	Vinchina	7423	3.76
Famatina	229	0.12	Zonda	75	0.04
General Alvear	5675	2.87	<b>Total</b>	<b>197418</b>	<b>100</b>
General Lamadrid	45	0.02	<b>Armenia</b>	<b>11206</b>	<b>100</b>
General Pueyrredón	2	0.00	<b>Australia</b>		
General Roca	2076	1.05	Adelaide Hills	1811	1.39
Godoy Cruz	10	0.00	Alpine Valleys/Beechwortl	803	0.61
Guaymallén	1101	0.56	Australian Capital Territor	15	0.01
Iglesia	24	0.01	Barossa - other	249	0.19
Ischilin	48	0.02	Barossa Valley	7673	5.88
Jachal	42	0.02	Beechworth	249	0.03
Junín - Mza	11112	5.63	Bendigo	35	0.46
La Paz	369	0.19	Big Rivers - other	607	0.78
La Rioja	21	0.01	Blackwood Valley	1015	0.38
Las Heras	1640	0.83	Canberra District	501	0.08
Lavalle	12762	6.46	Central Ranges - other	110	0.23
Luján de Cuyo	10809	5.48	Central Victoria - other	302	0.67
Maipú	11463	5.81	Central Western Australia	876	0.05
Molinos	30	0.01	Clare Valley	70	2.77
Nueve de Julio	2675	1.35	Cowra	3617	1.17
Pichi Mahuida	38	0.02	Currency Creek	940	0.72
Pocito	3267	1.65			

Table 67 (cont.): Winegrape area by region and region's national share, by country, 2000

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>						
<b>Australia (cont.)</b>											
Eastern Plains, Inland and	39	0.03	Sunbury	79	0.06						
Eden Valley	1224	0.94	Swan District	812	0.62						
Far North - other	107	0.08	Swan Hill (NSW)	544	0.42						
Fleurieu - other	510	0.39	Swan Hill (VIC)	3725	2.85						
Geelong	322	0.25	Tasmania	680	0.52						
Geographe	480	0.37	The Peninsulas	50	0.04						
Gippsland	174	0.13	Tumbarumba	278	0.21						
Goulburn Valley	1090	0.83	Western Australia Southea	65	0.05						
Grampians	424	0.32	Western Plains - other	328	0.25						
Granite Belt	433	0.33	Western Victoria - other	110	0.08						
Great Southern	2391	1.83	Yarra Valley	2038	1.56						
Greater Perth - other	395	0.30	<b>Total</b>	<b>130602</b>	<b>100</b>						
Hastings River	118	0.09	<b>Austria</b>								
Henty	183	0.14	Burgenland	14540	29.98						
Hilltops	383	0.29	Niederosterreich	29975	61.81						
Hunter	3669	2.81	Steiermark	3283	6.77						
Hunter Valley - other	278	0.21	Wien and other regions	699	1.44						
Kangaroo Island	34	0.03	<b>Total</b>	<b>48496</b>	<b>100</b>						
Langhorne Creek	3737	2.86	<b>Brazil</b>								
Limestone Coast - other	7529	5.76	<b>Bulgaria</b>								
Lower Murray - other	145	0.11	<b>Canada</b>								
Margaret River	3401	2.60	<b>Chile</b>								
McLaren Vale	4695	3.59	Araucania	5	0.00						
Mornington Peninsula	402	0.31	Atacama	797	0.70						
Mount Benson	299	0.23	Coquimbo	11083	9.72						
Mount Lofty Ranges - othe	488	0.37	Del Bio Bio	13747	12.06						
Mudgee	2152	1.65	Del Maule	45053	39.53						
Murray Darling (NSW)	5576	4.27	Metropolitana	9453	8.29						
Murray Darling (VIC)	15663	11.99	O'Higgins	29044	25.48						
North East Victoria - other	1254	0.96	Valparaiso	4783	4.20						
North West Victoria - othe	3177	2.43	<b>Total</b>	<b>113966</b>	<b>100</b>						
Northern Rivers - other	12	0.01	<b>Canada</b>								
Northern Slopes - other	174	0.13	<b>Croatia</b>								
Northern Territory	302	0.23	<b>Cyprus</b>								
Orange	995	0.76	<b>Czechia</b>								
Padthaway	3226	2.47	<b>Denmark</b>								
Perricoota	153	0.12	<b>Egypt</b>								
Perth Hills	316	0.24	<b>Finland</b>								
Port Phillip - other	129	0.10	<b>France</b>								
Pyrenees	428	0.33	<b>Germany</b>								
Queensland - other	1207	0.92	<b>Greece</b>								
Riverina	12398	9.49	<b>Hungary</b>								
Riverland	18336	14.04	<b>Iceland</b>								
Rutherglen	793	0.61	<b>Ireland</b>								
South Burnett	344	0.26	<b>Italy</b>								
South Coast - other	112	0.09	<b>Japan</b>								
South West Australia - oth	802	0.61	<b>Latvia</b>								
Southern Fleurieu	328	0.25	<b>Lithuania</b>								
Southern NSW - other	914	0.70	<b>Malta</b>								
<b>Malta</b>						<b>Montenegro</b>					
<b>Montenegro</b>						<b>Poland</b>					
<b>Poland</b>						<b>Portugal</b>					
<b>Portugal</b>						<b>Romania</b>					
<b>Romania</b>						<b>Russia</b>					
<b>Russia</b>						<b>San Marino</b>					
<b>San Marino</b>						<b>Serbia</b>					
<b>Serbia</b>						<b>Slovenia</b>					
<b>Slovenia</b>						<b>Spain</b>					
<b>Spain</b>						<b>Sweden</b>					
<b>Sweden</b>						<b>Switzerland</b>					
<b>Switzerland</b>						<b>Ukraine</b>					
<b>Ukraine</b>						<b>United Kingdom</b>					
<b>United Kingdom</b>						<b>United States</b>					
<b>United States</b>						<b>Vietnam</b>					
<b>Vietnam</b>						<b>Yemen</b>					
<b>Yemen</b>						<b>Zambia</b>					
<b>Zambia</b>						<b>Zimbabwe</b>					
<b>Zimbabwe</b>						<b>Other countries</b>					
<b>Other countries</b>						<b>Total</b>					
<b>Total</b>						<b>100</b>					

Table 67 (cont.): Winegrape area by region and region's national share, by country, 2000

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>France</b>					
Aisne	2340	0.27	Anatoliki Makedonia, Thra	384	0.01
Alpes-de-Haute-Provence,	1082	0.13	Attiki	6112	0.12
Alsace	15128	1.75	Dytiki Ellada	8031	0.16
Aquitaine except Gironde	25732	2.98	Dytiki Makedonia	1690	0.03
Ardeche	12295	1.42	Ionia Nisia	2707	0.05
Aude	85270	9.86	Ipeiros	632	0.01
Auvergne	1096	0.13	Kentriki Makedonia	2494	0.05
Bouches-du-Rhone	11089	1.28	Kriti	5312	0.10
Bourgogne	29941	3.46	Notio Aigaio	4124	0.08
Centre-Val de Loire	22316	2.58	Peloponnisos	8197	0.16
Champagne-Ardenne	28671	3.32	Stereia Ellada	5991	0.12
Charente	38514	4.45	Thessalia	3043	0.06
Charente-Maritime	40321	4.66	Voreio Aigaio	2196	0.04
Correze, Haute-Vienne	50	0.01	<b>Total</b>	<b>50915</b>	<b>100</b>
Corse	6992	0.81			
Deux-Sevres, Vienne	1973	0.23	<b>Hungary</b>	<b>86886</b>	<b>100</b>
Franche Comté	2020	0.23			
Gard	67133	7.76	<b>Israel</b>	<b>4851</b>	<b>100</b>
Gers	19913	2.30			
Gironde	124617	14.41	<b>Italy</b>		
Herault	105647	12.22	Agrigento	19624	3.08
Lorraine	184	0.02	Alessandria	14873	2.34
Midi-Pyrenees except Gers	18872	2.18	Ancona	4591	0.72
Pays de la Loire except Ma	37882	4.38	Arezzo	4887	0.77
Pyrenees-Orientales	37659	4.35	Ascoli Piceno	8211	1.29
Rhone-Alpes except Ardec	44861	5.19	Asti	18016	2.83
Seine-et-Marne	26	0.00	Avellino	6287	0.99
Var	31420	3.63	Bari	16954	2.66
Vaucluse	51801	5.99	Belluno	9	0.00
<b>Total</b>	<b>864846</b>	<b>100</b>	Benevento	10291	1.62
<b>Georgia</b>	<b>37419</b>	<b>100</b>	Bergamo	881	0.14
<b>Germany</b>					
Ahr	520	0.50	Biella	289	0.05
Baden	15554	14.92	Bologna	7049	1.11
Franken	5993	5.75	Bolzano-Bozen	4781	0.75
Hessische Bergstraße	456	0.44	Brescia	3904	0.61
Mittelrhein	572	0.55	Brindisi	13498	2.12
Mosel	11521	11.05	Cagliari	8398	1.32
Nahe	4604	4.42	Caltanissetta	5526	0.87
Pfalz	23342	22.39	Campobasso	4858	0.76
Rheingau	3217	3.09	Caserta	2964	0.47
Rheinhessen	26385	25.31	Catania	3875	0.61
Saale	618	0.59	Catanzaro	1336	0.21
Sachsen	409	0.39	Chieti	25986	4.08
Württemberg	11042	10.59	Como	18	0.00
<b>Total</b>	<b>104233</b>	<b>100</b>	Cosenza	5107	0.80
			Cremona	39	0.01
			Crotone	3266	0.51
			Cuneo	16272	2.56

Table 67 (cont.): Winegrape area by region and region's national share, by country, 2000

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>Italy (cont.)</b>					<b>Italy (cont.)</b>
Enna	586	0.09	Roma	10519	1.65
Ferrara	569	0.09	Rovigo	258	0.04
Firenze	15940	2.50	Salerno	5222	0.82
Foggia	28797	4.52	Sassari	6232	0.98
Forli-Cesena	6746	1.06	Savona	399	0.06
Frosinone	4162	0.65	Siena	15718	2.47
Genova	147	0.02	Siracusa	1583	0.25
Gorizia	3474	0.55	Sondrio	987	0.16
Grosseto	3843	0.60	Taranto	15156	2.38
Imperia	454	0.07	Teramo	2785	0.44
Isernia	563	0.09	Terni	5548	0.87
La Spezia	833	0.13	Torino	1777	0.28
L'Aquila	855	0.13	Trapani	59078	9.28
Latina	6045	0.95	Trento	8844	1.39
Lecce	10021	1.57	Treviso	24008	3.77
Lecco	44	0.01	Trieste	182	0.03
Livorno	1214	0.19	Udine	7171	1.13
Lodi	22	0.00	Valle d'Aosta	424	0.07
Lucca	728	0.11	Varese	19	0.00
Macerata	1482	0.23	Venezia	6018	0.95
Mantova	1830	0.29	Verbano-Cusio-Ossola	29	0.00
Massa-Carrara	275	0.04	Vercelli	169	0.03
Matera	1645	0.26	Verona	23359	3.67
Messina	2253	0.35	Vibo Valentia	845	0.13
Milano	238	0.04	Vicenza	6898	1.08
Modena	7585	1.19	Viterbo	4628	0.73
Napoli	1956	0.31	<b>Total</b>	<b>636662</b>	<b>100</b>
Novara	575	0.09	<b>Korea, Rep.</b>		<b>5400</b>
Nuoro	7208	1.13	<b>Luxembourg</b>		<b>1348</b>
Oristano	3250	0.51	<b>Moldova</b>		<b>89844</b>
Padova	6313	0.99	<b>Morocco</b>		<b>49600</b>
Palermo	16515	2.59	<b>New Zealand</b>		<b>100</b>
Parma	574	0.09	Auckland	392	3.95
Pavia	13734	2.16	Canterbury	232	2.33
Perugia	8040	1.26	Gisborne	1681	16.91
Pesaro e Urbino	1391	0.22	Hawkes Bay	2443	24.57
Pescara	3146	0.49	Marlborough	4054	40.77
Piacenza	5568	0.87	Nelson	203	2.04
Pisa	2386	0.37	Otago	280	2.81
Pistoia	633	0.10	Waikato	119	1.20
Pordenone	6671	1.05	Waipara	210	2.11
Potenza	5431	0.85	Wairarapa	328	3.30
Prato	335	0.05	<b>Total</b>	<b>9942</b>	<b>100</b>
Ragusa	1520	0.24			
Ravenna	16910	2.66			
Reggio di Calabria	2101	0.33			
Reggio nell'Emilia	8263	1.30			
Rieti	1490	0.23			
Rimini	2653	0.42			

Table 67 (cont.): Winegrape area by region and region's national share, by country, 2000

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>			
<b>Portugal</b>								
Acores	1689	0.82	Comunidad Foral de Navarre	23619	2.00			
Alentejo	14905	7.27	Cordoba	12777	1.08			
Algarve	1900	0.93	Cuenca	97721	8.27			
Alto Tras-os-Montes	63371	30.91	Galicia	31747	2.69			
Beira Interior	20851	10.17	Girona, Lleida	7390	0.63			
Beira Litoral	23921	11.67	Guadalajara	2827	0.24			
Entre Douro e Minho	29678	14.48	Guipuzcoa, Vizcaya	243	0.02			
Madeira	1513	0.74	Huelva	6747	0.57			
Ribatejo e Oeste	47173	23.01	Huesca, Teruel	7599	0.64			
<b>Total</b>	<b>205003</b>	<b>100</b>	Illes Balears	1718	0.15			
<b>Romania</b>	<b>222173</b>	<b>100</b>	La Rioja	39459	3.34			
<b>Russia</b>	<b>56332</b>	<b>100</b>	Leon	15964	1.35			
<b>Serbia</b>	<b>68999</b>	<b>100</b>	Malaga	6467	0.55			
<b>Slovakia</b>	<b>15580</b>	<b>100</b>	Principado de Asturias	84	0.01			
<b>Slovenia</b>	<b>23472</b>	<b>100</b>	Region de Murcia	45058	3.81			
<b>South Africa</b>								
Breedekloof	10385	11.09	Tarragona	32839	2.78			
Little Karoo	3168	3.38	Toledo	172334	14.58			
Northern Cape	5025	5.36	Valencia	64216	5.43			
Olifants River	9015	9.63	Valladolid	15837	1.34			
Paarl	17249	18.42	Zamora	15883	1.34			
Robertson	12227	13.06	Zaragoza	41546	3.52			
Stellenbosch	16112	17.20	<b>Total</b>	<b>1181806</b>	<b>100</b>			
Swartland	13670	14.60						
Worcester	6805	7.27	<b>Switzerland</b>					
<b>Total</b>	<b>93656</b>	<b>100</b>	Aargau	395	2.62			
<b>Spain</b>			Basel Land	99	0.66			
Alava	11338	0.96	Bern	257	1.71			
Albacete	107563	9.10	Fribourg	116	0.77			
Alicante	25466	2.15	Geneva	1355	9.01			
Almeria, Granada, Jaen, Seville	9635	0.82	Graubünden	414	2.75			
Avila, Palencia, Salamanca	13995	1.18	Jura	7	0.05			
Badajoz	81209	6.87	Lucerne	19	0.12			
Barcelona	24223	2.05	Neuchâtel	605	4.02			
Burgos	13264	1.12	Schaffhausen	500	3.32			
Caceres	4310	0.36	Schwyz	30	0.20			
Cadiz	9931	0.84	St. Gallen	217	1.44			
Canarias	13727	1.16	Thurgau	274	1.82			
Cantabria	39	0.00	Ticino	961	6.39			
Castellon	1190	0.10	Valais	5255	34.94			
Ciudad Real	206366	17.46	Vaud	3879	25.79			
Comunidad de Madrid	17475	1.48	Zürich	645	4.29			
			other regions	14	0.10			
			<b>Total</b>	<b>15042</b>	<b>100</b>			
			<b>Taiwan</b>					
				<b>2833</b>	<b>100</b>			
			<b>Tunisia</b>					
				<b>16836</b>	<b>100</b>			
			<b>United Kingdom</b>					
				<b>873</b>	<b>100</b>			

Table 67 (cont.): Winegrape area by region and region's national share, by country, 2000

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>United States</b>					<b>United States (cont.)</b>
Alameda	546	0.31	Stanislaus	5358	3.05
Amador	1014	0.58	Sutter	32	0.02
Benton Co.	88	0.05	Tehama	53	0.03
Butte	58	0.03	Trinity	15	0.01
Calaveras	114	0.06	Tulare	4602	2.62
Chautauqua-Erie	8116	4.62	Valley - other	106	0.06
Columbia River	293	0.17	Ventura	3	0.00
Colusa	539	0.31	Washington	6880	3.92
Contra Costa	397	0.23	Washington Co.	393	0.22
Douglas Co.	190	0.11	Yamhill Co.	1016	0.58
El Dorado	338	0.19	Yolo	2446	1.39
Finger Lakes	3692	2.10	Yuba	126	0.07
Fresno	17606	10.02	<b>Total</b>	<b>175693</b>	<b>100</b>
Glenn	580	0.33			
Humboldt	4	0.00	<b>Uruguay</b>	<b>8880</b>	<b>100</b>
Josephine Co.	117	0.07			
Kern	11198	6.37	<b>Missing 9</b>	<b>80221</b>	<b>100</b>
Kings	949	0.54			
Lake	1444	0.82			
Lane Co.	254	0.14			
Los Angeles	12	0.01			
Madera	17427	9.92			
Marin	33	0.02			
Marion Co.	221	0.13			
Mariposa	23	0.01			
Mendocino	5050	2.87			
Merced	5901	3.36			
Michigan	526	0.30			
Monterey	11688	6.65			
Napa	12258	6.98			
Nevada	76	0.04			
New York - other	1544	0.88			
Oregon - other	216	0.12			
Placer	37	0.02			
Polk Co.	383	0.22			
Riverside	845	0.48			
Sacramento	3611	2.06			
San Benito	720	0.41			
San Bernardino	558	0.32			
San Diego	25	0.01			
San Joaquin	20930	11.91			
San Luis Obispo	5047	2.87			
San Mateo	19	0.01			
Santa Barbara	4043	2.30			
Santa Clara	443	0.25			
Santa Cruz	68	0.04			
Shasta	15	0.01			
Solano	698	0.40			
Sonoma	14708	8.37			

Table 68: Winegrape area by region and region's national share, by country, 2010

Region	Area (hectares)	National share (%)	Region	Area (hectares)	National share (%)
<b>Algeria</b>	<b>30200</b>	<b>100</b>	<b>Argentina (cont.)</b>		
Adolfo Alsina	67	0.03	Lavalle	13969	6.55
Albardón	839	0.39	Leandro Alem	0	0.00
Ambato	2	0.00	Luján de Cuyo	13990	6.56
Andalgala	8	0.00	Maipú	12586	5.90
Añelo	1504	0.70	Malargüe	1	0.00
Angaco	1961	0.92	Molinos	120	0.06
Arauco	5	0.00	Nogoya	0	0.00
Avellaneda - Río Negro	224	0.10	Nueve de Julio	2386	1.12
Belén	152	0.07	Pichi Mahuida	41	0.02
Cachi	37	0.02	Picunches	25	0.01
Cafayate	1608	0.75	Pocito	2670	1.25
Calamuchita	1	0.00	Poman	30	0.01
Calingasta	103	0.05	Puelen	217	0.10
Capital San Juan	11	0.01	Rawson	1464	0.69
Castro Barros	206	0.10	Rivadavia - Mza	16976	7.96
Caucete	6443	3.02	Rivadavia - San Juan	440	0.21
Chilecito	6016	2.82	San Blas De Los Sauces	46	0.02
Chimbas	765	0.36	San Carlos - Mza	7030	3.29
Chos Malal	2	0.00	San Carlos - Salta	522	0.24
Collon Cura	5	0.00	San Javier	2	0.00
Colón - Cba	155	0.07	San Martín - Mza	31161	14.60
Colón - Entre Ríos	5	0.00	San Martín - San Juan	3361	1.57
Concordia	3	0.00	San Rafael	15326	7.18
Conesa	47	0.02	Sanagasta	11	0.01
Confluencia	93	0.04	Santa Lucía	1209	0.57
Coronel Felipe Varela	883	0.41	Santa María - Catamarca	618	0.29
Coronel Suarez	13	0.01	Santa María - Cba	9	0.00
Cruz del Eje	29	0.01	Santa Rosa - Mza	11545	5.41
Cushamen	20	0.01	Sarmiento - San Juan	7522	3.53
El Cuy	67	0.03	Tafí del Valle	47	0.02
Famatina	322	0.15	Tandil	6	0.00
General Alvear	5341	2.50	Tilcara	2	0.00
General Lamadrid	74	0.03	Tinogasta	1582	0.74
General Roca	1879	0.88	Tornquist	12	0.01
Godoy Cruz	1	0.00	Totoral	0	0.00
Guaymallén	955	0.45	Tulumba	0	0.00
Iglesia	21	0.01	Tumbaya	0	0.00
Ischilin	46	0.02	Tunuyán	7241	3.39
Jachal	44	0.02	Tupungato	8149	3.82
Junín - Mza	12058	5.65	Ullum	580	0.27
Junín - San Luis	26	0.01	Valle Fértil	0	0.00
La Paz	409	0.19	Veinticinco de Mayo - Mis	13	0.01
La Rioja	8	0.00	Veinticinco de Mayo - San	0	0.00
La Viña	4	0.00	Victoria	7416	3.48
Las Heras	1699	0.80	Villarino	1	0.00
			Vinchina	25	0.01
			Zonda	75	0.03
			<b>Total</b>	<b>781</b>	<b>0.37</b>
				<b>213372</b>	<b>100</b>

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

Region	Area (hectares)	National share (%)	Region	Area (hectares)	National share (%)
<b>Armenia</b>	<b>11206</b>	<b>100</b>	<b>Australia (cont.)</b>		
Adelaide Hills	3861	2.54	Macedon Ranges	224	0.15
Adelaide Plains	880	0.58	Manjimup	179	0.12
Alpine Valleys	705	0.46	Margaret River	4894	3.22
Australian Capital Territory	4	0.00	McLaren Vale	6490	4.28
Barossa - other	91	0.06	Mornington Peninsula	752	0.50
Barossa Valley	9763	6.43	Mount Benson	233	0.15
Beechworth	57	0.04	Mount Lofty Ranges - other	468	0.31
Bendigo	771	0.51	Mudgee	3414	2.25
Big Rivers - other	629	0.41	Murray Darling (NSW)	6533	4.30
Blackwood Valley	249	0.16	Murray Darling (VIC)	8339	5.49
Canberra District (ACT)	105	0.07	New England Australia	123	0.08
Canberra District (NSW)	378	0.25	North East Victoria - other	74	0.05
Central Ranges - other	227	0.15	North West Victoria - other	121	0.08
Central Victoria - other	56	0.04	Northern Rivers - other	41	0.03
Central Western Australia	62	0.04	Northern Slopes - other	145	0.10
Clare Valley	4801	3.16	Orange	1546	1.02
Coonawarra	5985	3.94	Padthaway	5028	3.31
Cowra	1427	0.94	Peel	96	0.06
Currency Creek	871	0.57	Pemberton	622	0.41
Eastern Plains, Inland and	25	0.02	Perricoota	671	0.44
Eden Valley	1933	1.27	Perth Hills	295	0.19
Far North - other	11	0.01	Port Phillip - other	68	0.04
Fleurieu - other	187	0.12	Pyrenees	874	0.58
Geelong	515	0.34	Queensland - other	187	0.12
Geographe	1181	0.78	Riverina	20154	13.28
Gippsland	236	0.16	Riverland	20009	13.18
Glenrowan	203	0.13	Robe	853	0.56
Goulburn Valley	1612	1.06	Rutherglen	644	0.42
Grampians	506	0.33	Shoalhaven Coast	40	0.03
Granite Belt	331	0.22	South Burnett	240	0.16
Great Southern	2804	1.85	South Coast - other	113	0.07
Greater Perth - other	36	0.02	South West Australia - other	101	0.07
Gundagai	408	0.27	Southern Fleurieu	414	0.27
Hastings River	18	0.01	Southern Flinders Ranges	180	0.12
Heathcote	1245	0.82	Southern Highlands	180	0.12
Henty	183	0.12	Southern NSW - other	202	0.13
Hilltops	484	0.32	Strathbogie Ranges	119	0.08
Hunter	3450	2.27	Sunbury	369	0.24
Hunter Valley - other	24	0.02	Swan District	129	0.09
Kangaroo Island	89	0.06	Swan Hill (NSW)	784	0.52
King Valley	1320	0.87	Swan Hill (VIC)	308	0.20
Langhorne Creek	5957	3.92	Tasmania	3869	2.55
Limestone Coast - other	476	0.31	The Peninsulas	1251	0.82
Lower Murray - other	260	0.17	Tumbarumba	93	0.06
			Upper Goulburn	254	0.17
			Western Australia Southeast	245	0.16
				19	0.01

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>			
<b>Australia (cont.)</b>								
Western Plains - other	236	0.16	Beijing	3067	10.38			
Western Victoria - other	73	0.05	Gansu	4987	16.88			
Wrattonbully	2818	1.86	Ningxia	11152	37.74			
Yarra Valley	2440	1.61	Shandong	67	0.23			
<b>Total</b>	<b>151788</b>	<b>100</b>	ShanXi	547	1.85			
<b>Austria</b>								
Burgenland	13842	30.40	Sichuan	533	1.81			
Niederosterreich	27184	59.70	Tianjin	400	1.35			
Steiermark	3867	8.49	Xinjiang	3133	10.61			
Wien and other regions	640	1.40	Yantai	4373	14.80			
<b>Total</b>	<b>45533</b>	<b>100</b>	other regions	1287	4.35			
<b>Total</b>	<b>49412</b>	<b>100</b>	<b>Total</b>	<b>29545</b>	<b>100</b>			
<b>Bulgaria</b>								
North Central	3868	6.89	Croatia					
Northeast	5837	10.40	Dalmatinska Zagora	602	2.90			
Northwest	5830	10.39	Hrvatsko Primorje	210	1.01			
South Central	17466	31.12	Istra	3083	14.85			
Southeast	19533	34.80	Moslavina	228	1.10			
Southwest	3599	6.41	Plesivica	452	2.18			
<b>Total</b>	<b>56133</b>	<b>100</b>	Podunavlje	3206	15.45			
<b>Canada</b>			Pokuplje	41	0.20			
British Colombia	3995	39.56	Prigorje - Bilogora	791	3.81			
Ontario	6102	60.44	Sjeverna Dalmacija	2333	11.24			
<b>Total</b>	<b>10096</b>	<b>100</b>	Slavonija	3307	15.94			
<b>Chile</b>			Srednja Juzna Dalmacija	2972	14.32			
Araucania	12	0.01	Zagorje-Medimurje	1266	6.10			
Atacama	12	0.01	other regions	2263	10.90			
Coquimbo	2155	1.93	<b>Total</b>	<b>20754</b>	<b>100</b>			
De Los Lagos	6	0.01	<b>Cyprus</b>					
Del Bio Bio	3420	3.07		<b>8608</b>	<b>100</b>			
Del Maule	49014	43.95	<b>Czechia</b>					
Metropolitana	12214	10.95	Cechy	785	4.83			
O'Higgins	36170	32.43	Morava	15457	95.17			
Valparaiso	8522	7.64	<b>Total</b>	<b>16242</b>	<b>100</b>			
<b>Total</b>	<b>111525</b>	<b>100</b>	<b>Ethiopia</b>					
				<b>169</b>	<b>100</b>			

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>France</b>					
Ain	954	0.11	Lot	5571	0.67
Aisne	3229	0.39	Lot-et-Garonne	6846	0.82
Allier	717	0.09	Lozere	11	0.00
Alpes-de-Haute-Provence,	843	0.10	Maine-et-Loire	20766	2.49
Alpes-Maritimes	152	0.02	Marne	22615	2.71
Ardeche	11960	1.43	Mayenne	1	0.00
Ariege	133	0.02	Meurthe-et-Moselle	159	0.02
Aube	7870	0.94	Meuse	45	0.01
Aude	72058	8.62	Moselle	94	0.01
Aveyron	884	0.11	Nievre	1719	0.21
Bas-Rhin	6971	0.83	Puy-de-Dome	881	0.11
Bouches-du-Rhone	11663	1.40	Pyrenees-Atlantiques	2635	0.32
Cantal	11	0.00	Pyrenees-Orientales	28817	3.45
Charente	41093	4.92	Rhone	19137	2.29
Charente-Maritime	40790	4.88	Saone-et-Loire	13509	1.62
Cher	4182	0.50	Sarthe	321	0.04
Correze	287	0.03	Savoie	2092	0.25
Corse	968	0.12	Seine-et-Marne	82	0.01
Cote-d'Or	9683	1.16	Tarn	7087	0.85
Deux-Sevres	1227	0.15	Tarn-et-Garonne	3821	0.46
Dordogne	13820	1.65	Var	31913	3.82
Doubs	51	0.01	Vaucluse	54117	6.48
Drome	18507	2.21	Vendee	1886	0.23
Eure-et-Loire	0	0.00	Vienne	2199	0.26
Gard	59210	7.09	Vosges	42	0.01
Gers	18897	2.26	Yonne	7224	0.86
Gironde	123023	14.72	<b>Total</b>	<b>835554</b>	<b>100</b>
Haute-Corse	5561	0.67	<b>Georgia</b>	<b>48001</b>	<b>100</b>
Haute-Garonne	1993	0.24			
Haute-Loire	83	0.01	<b>Germany</b>		
Haute-Marne	114	0.01	Ahr	562	0.55
Hautes-Alpes	232	0.03	Baden	15836	15.50
Haute-Saone	172	0.02	Franken	6104	5.98
Haute-Savoie	286	0.03	Hessische Bergstraße	427	0.42
Hautes-Pyrenees	680	0.08	Mittelrhein	458	0.45
Haut-Rhin	9208	1.10	Mosel	8976	8.79
Herault	93944	11.24	Nahe	4163	4.08
Indre	980	0.12	Pfalz	23467	22.98
Indre-et-Loire	10421	1.25	Rheingau	3062	3.00
Isere	264	0.03	Rheinhessen	26480	25.93
Jura	2267	0.27	Saale	704	0.69
Landes	2107	0.25	Sachsen	461	0.45
Loire	1067	0.13	Württemberg	11435	11.20
Loire-Atlantique	15618	1.87	<b>Total</b>	<b>102135</b>	<b>100</b>
Loiret	309	0.04			
Loir-et-Cher	7474	0.89			

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>Greece</b>					
Anatoliki Makedonia, Thra	1234	2.27	Agrigento	16781	2.68
Attiki	5599	10.29	Alessandria	12328	1.97
Dytiki Ellada	6484	11.92	Ancona	4739	0.76
Dytiki Makedonia	2083	3.83	Arezzo	7031	1.12
Ionia Nisia	2422	4.45	Ascoli Piceno	6111	0.98
Ipeiros	559	1.03	Asti	15559	2.49
Kentriki Makedonia	4256	7.83	Avellino	5711	0.91
Kriti	7863	14.46	Bari	7586	1.21
Notio Aigaio	3547	6.52	Barletta-Andria-Trani	16241	2.60
Peloponnisos	8134	14.96	Belluno	52	0.01
Stereia Ellada	6457	11.87	Benevento	10488	1.68
Thessalia	3415	6.28	Bergamo	804	0.13
Voreio Aigaio	2337	4.30	Biella	289	0.05
<b>Total</b>	<b>54390</b>	<b>100</b>	Bologna	6845	1.09
			Bolzano-Bozen	5282	0.84
<b>Hungary</b>					
Badacsony	1618	2.32	Brescia	6016	0.96
Balatonboglар	3305	4.74	Brindisi	9677	1.55
Balatonfelvidek	1025	1.47	Cagliari	4563	0.73
Balatonfured-Csopak	2180	3.13	Caltanissetta	4170	0.67
Bukk	1055	1.51	Campobasso	4715	0.75
Csongrad	1513	2.17	Carbonia-Iglesias	1948	0.31
Eger	5509	7.90	Caserta	2062	0.33
Etyek-Budai	1717	2.46	Catania	2990	0.48
Hajos-bajai	1982	2.84	Catanzaro	706	0.11
Kunsag	22263	31.93	Chieti	25989	4.15
Matra	6294	9.03	Como	23	0.00
Mor	730	1.05	Cosenza	4162	0.67
Nagy-Somlo	598	0.86	Cremona	65	0.01
Neszmely	1587	2.28	Crotone	3229	0.52
Pannonhalma	615	0.88	Cuneo	16065	2.57
Pecs	777	1.11	Enna	278	0.04
Sopron	1919	2.75	Fermo	1706	0.27
Szekszard	2333	3.35	Ferrara	572	0.09
Tokaj	5994	8.60	Firenze	18362	2.93
Tolna	2526	3.62	Foggia	25249	4.04
Villany	2582	3.70	Forlì-Cesena	7017	1.12
Zala	1592	2.28	Frosinone	1877	0.30
<b>Total</b>	<b>69715</b>	<b>100</b>	Genova	177	0.03
<b>Israel</b>	<b>4851</b>	<b>100</b>	Gorizia	4064	0.65
			Grosseto	7438	1.19
			Imperia	414	0.07
			Isernia	439	0.07
			La Spezia	617	0.10
			L'Aquila	440	0.07
			Latina	3757	0.60

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
Lecce	8379	1.34	<b>Italy (cont.)</b>		
Lecco	57	0.01	Taranto	15627	2.50
Livorno	2425	0.39	Teramo	2602	0.42
Lodi	20	0.00	Terni	4871	0.78
Lucca	1053	0.17	Torino	1313	0.21
Macerata	2185	0.35	Trapani	61649	9.85
Mantova	1803	0.29	Trento	10377	1.66
Massa-Carrara	759	0.12	Treviso	28580	4.57
Matera	1243	0.20	Trieste	205	0.03
Medio Campidano	638	0.10	Udine	7285	1.16
Messina	866	0.14	Valle d'Aosta	463	0.07
Milano	207	0.03	Varese	23	0.00
Modena	7874	1.26	Venezia	6604	1.06
Monza e della Brianza	3	0.00	Verbano-Cusio-Ossola	28	0.00
Napoli	1609	0.26	Vercelli	200	0.03
Novara	535	0.09	Verona	27750	4.44
Nuoro	2401	0.38	Vibo Valentia	344	0.06
Ogliastra	1605	0.26	Vicenza	8445	1.35
Olbia-Tempio	2136	0.34	Viterbo	2957	0.47
Oristano	2228	0.36	<b>Total</b>	<b>625700</b>	<b>100</b>
Padova	5850	0.93			
Palermo	14569	2.33	<b>Japan</b>		
Parma	736	0.12	Hokkaido	835	22.47
Pavia	13193	2.11	Nagano	754	20.30
Perugia	7620	1.22	Yamagata	392	10.56
Pesaro e Urbino	2004	0.32	Yamanashi	632	17.01
Pescara	3159	0.50	other regions	1102	29.66
Piacenza	5906	0.94	<b>Total</b>	<b>3715</b>	<b>100</b>
Pisa	3163	0.51			
Pistoia	776	0.12	<b>Kazakhstan</b>		
Pordenone	7695	1.23	Almaty	4553	65.62
Potenza	3620	0.58	East Kazakhstan	3	0.04
Prato	509	0.08	South Kazakhstan	2162	31.16
Ragusa	1381	0.22	West Kazakhstan	2	0.03
Ravenna	16388	2.62	Zhambyl	217	3.12
Reggio di Calabria	1343	0.21	other regions	2	0.03
Reggio nell'Emilia	8027	1.28	<b>Total</b>	<b>6938</b>	<b>100</b>
Rieti	750	0.12			
Rimini	2431	0.39	<b>Korea, Rep.</b>	<b>5400</b>	<b>100</b>
Roma	7061	1.13			
Rovigo	363	0.06	<b>Luxembourg</b>	<b>1304</b>	<b>100</b>
Salerno	3315	0.53			
Sassari	2946	0.47	<b>Mexico</b>		
Savona	329	0.05	Aguascalientes	850	15.55
Siena	18323	2.93	Baja California	2863	52.39
Siracusa	1383	0.22	Coahuila	279	5.11
Sondrio	874	0.14	Sonora	1164	21.30
			Zacatecas	309	5.65
			<b>Total</b>	<b>5465</b>	<b>100</b>

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>Moldova</b>	<b>89844</b>	<b>100</b>	<b>Russia</b>		
<b>Morocco</b>	<b>49000</b>	<b>100</b>	Krasnodar Krai	21224	82.82
<b>Myanmar</b>	<b>75</b>	<b>100</b>	Rostov Oblast	4404	17.18
			<b>Total</b>	<b>25628</b>	<b>100</b>
<b>New Zealand</b>			<b>Serbia</b>	<b>68999</b>	<b>100</b>
Auckland	543	1.70	<b>Slovakia</b>		
Canterbury	320	1.00	Juznoslovenska	4141	32.77
Gisborne	2149	6.72	Malokarpatska	3683	29.14
Hawkes Bay	4921	15.40	Nitrianska	2652	20.98
Marlborough	18401	57.57	Stredné Slovensko	1155	9.14
Nelson	813	2.54	Tokajská	453	3.59
Otago	1532	4.79	Východné Slovensko	553	4.38
Waikato	147	0.46	<b>Total</b>	<b>12637</b>	<b>100</b>
Waipara	1442	4.51			
Wairarapa	859	2.69	<b>Slovenia</b>		
other regions	836	2.62	Bela Krajina	365	2.23
<b>Total</b>	<b>31964</b>	<b>100</b>	Bizeljsko Sremic	907	5.54
<b>Peru</b>			Dolenjska	1476	9.02
Arequipa	1356	35.40	Goriska brda	1898	11.61
Lima	783	20.44	Kras	593	3.62
Moquegua	877	22.89	Prekmurje	564	3.45
Tacna	815	21.27	Slovenska Istra	1626	9.94
<b>Total</b>	<b>3831</b>	<b>100</b>	Stajerska Slovenija	6374	38.97
<b>Portugal</b>			Vipavska dolina	2526	15.44
Acores	176	0.11	other regions	26	0.16
Alentejo	21892	13.39	<b>Total</b>	<b>16354</b>	<b>100</b>
Algarve	1078	0.66			
Alto Tras-os-Montes	59112	36.15	<b>South Africa</b>		
Beira Interior	15968	9.76	Breedekloof	12568	12.44
Beira Litoral	15241	9.32	Little Karoo	2822	2.79
Entre Douro e Minho	14288	8.74	Northern Cape	5078	5.03
Madeira	847	0.52	Olifants River	9997	9.90
Ribatejo e Oeste	34920	21.36	Paarl	16568	16.40
<b>Total</b>	<b>163522</b>	<b>100</b>	Robertson	14004	13.86
<b>Romania</b>			Stellenbosch	17107	16.93
Bucuresti - Ilfov	443	0.26	Swartland	14224	14.08
Centru	5349	3.27	Worcester	8649	8.56
Nord-Est	28072	17.17	<b>Total</b>	<b>101016</b>	<b>100</b>
Nord-Vest	6667	4.08			
Sud - Muntenia	27069	16.55			
Sud-Est	68081	41.63			
Sud-Vest Oltenia	31966	19.55			
Vest	2645	1.62			
<b>Total</b>	<b>170292</b>	<b>104</b>			

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>Spain</b>					
Alava	13040	1.27	Lucerne	41	0.28
Albacete	96745	9.41	Neuchâtel	591	3.99
Alicante	14661	1.43	Schaffhausen	478	3.22
Almeria, Granada, Jaen, Se	6950	0.68	Schwyz	38	0.26
Avila, Palencia, Salamanca	9154	0.89	St. Gallen	215	1.45
Badajoz	82749	8.05	Thurgau	263	1.78
Barcelona	22339	2.17	Ticino	1069	7.21
Burgos	16276	1.58	Valais	5070	34.21
Caceres	3857	0.38	Vaud	3819	25.77
Cadiz	10156	0.99	Zürich	614	4.14
Canarias	8653	0.84	other regions	25	0.17
Cantabria	50	0.00	<b>Total</b>	<b>14820</b>	<b>100</b>
Castellon	1214	0.12			
Ciudad Real	175764	17.09	<b>Taiwan</b>	<b>2833</b>	<b>100</b>
Comunidad de Madrid	23963	2.33			
Comunidad Foral de Navar	11024	1.07	<b>Thailand</b>	<b>149</b>	<b>100</b>
Cordoba	8278	0.81			
Cuenca	94883	9.23	<b>Tunisia</b>	<b>16836</b>	<b>100</b>
Galicia	25457	2.48			
Girona, Lleida	7560	0.74	<b>Turkey</b>		
Guadalajara	2149	0.21	Aegean	6770	52.66
Guipuzcoa, Vizcaya	736	0.07	Central East	1895	14.74
Huelva	4230	0.41	Central North	428	3.33
Huesca, Teruel	9277	0.90	Central South	1553	12.08
Illes Balears	1544	0.15	Marmara	1745	13.57
La Rioja	44576	4.34	Mediterranean	28	0.21
Leon	12149	1.18	South East	438	3.40
Malaga	2079	0.20	<b>Total</b>	<b>12856</b>	<b>100</b>
Principado de Asturias	95	0.01			
Region de Murcia	35437	3.45	<b>Ukraine</b>	<b>52293</b>	<b>100</b>
Tarragona	29617	2.88			
Toledo	125760	12.23	<b>United Kingdom</b>	<b>1198</b>	<b>100</b>
Valencia	57559	5.60			
Valladolid	22081	2.15	<b>United States</b>		
Zamora	12906	1.26	Alameda	1145	0.50
Zaragoza	35294	3.43	Amador	1255	0.55
<b>Total</b>	<b>1028258</b>	<b>100</b>	Arizona	101	0.04
			Arkansas	243	0.11
<b>Switzerland</b>					
Aargau	399	2.69	Benton Co.	155	0.07
Basel Land	114	0.77	Butte	58	0.03
Bern	242	1.63	Calaveras	253	0.11
Fribourg	117	0.79	Chautauqua-Erie	7561	3.32
Geneva	1292	8.72	Colorado	271	0.12
Graubünden	421	2.84	Columbia Gorge	159	0.07
Jura	14	0.09	Columbia River	610	0.27
			Columbia Valley	3023	1.33

Table 68 (cont.): Winegrape area by region and region's national share, by country, 2010

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>United States (cont.)</b>					
Colusa	646	0.28	San Benito	959	0.42
Contra Costa	675	0.30	San Bernardino	209	0.09
Douglas Co.	350	0.15	San Diego	78	0.03
El Dorado	660	0.29	San Joaquin	27146	11.91
Finger Lakes	3801	1.67	San Luis Obispo	11484	5.04
Fresno	16010	7.02	San Mateo	29	0.01
Georgia	567	0.25	Santa Barbara	6512	2.86
Glenn	329	0.14	Santa Clara	609	0.27
Horse Heaven Hills	4283	1.88	Santa Cruz	160	0.07
Humboldt	36	0.02	Shasta	41	0.02
Illinois	373	0.16	Siskiyou	8	0.00
Indiana	263	0.12	Snipes Mountain	285	0.12
Iowa	194	0.09	Solano	1231	0.54
Jackson Co.	536	0.24	Sonoma	22265	9.77
Josephine Co.	162	0.07	Stanislaus	3079	1.35
Kentucky	210	0.09	Sutter	54	0.02
Kern	8422	3.69	Tehama	59	0.03
Kings	615	0.27	Texas	1214	0.53
Lake	3122	1.37	Trinity	49	0.02
Lake Chelan	100	0.04	Tulare	3432	1.51
Lane Co.	341	0.15	Tuolumne	12	0.01
Los Angeles	53	0.02	Ventura	21	0.01
Madera	14273	6.26	Virginia	1065	0.47
Marin	62	0.03	Wahluke Slope	2689	1.18
Marion Co.	660	0.29	Walla Walla Valley	528	0.23
Mariposa	24	0.01	Washington Co.	670	0.29
Mendocino	6555	2.88	Willamette Valley - other	154	0.07
Merced	4418	1.94	Yakima Valley	5444	2.39
Michigan	1072	0.47	Yamhill Co.	2273	1.00
Minnesota	418	0.18	Yolo	4263	1.87
Missouri	647	0.28	Yuba	39	0.02
Monterey	15600	6.84	<b>Total</b>	<b>227949</b>	<b>100</b>
Napa	17768	7.79			
Nevada	159	0.07	<b>Uruguay</b>	<b>7657</b>	<b>100</b>
New York - other	1508	0.66			
North Carolina	728	0.32			
Ohio	436	0.19			
Orange	0	0.00			
Pennsylvania	1004	0.44			
Placer	70	0.03			
Polk Co.	928	0.41			
Puget Sound	72	0.03			
Rattlesnake Hills	647	0.28			
Red Mountain	515	0.23			
Riverside	333	0.15			
Sacramento	7406	3.25			

Table 69: Winegrape area by region and region's national share, by country, 2016

Region	Area (hectares)	National share (%)	Region	Area (hectares)	National share (%)
<b>Algeria</b>	<b>8300</b>	<b>100</b>	<b>Argentina (cont.)</b>		
Adolfo Alsina	98	0.05	Famatina	344	0.17
Albardón	711	0.34	Futaleufú	5	0.00
Andalgala	6	0.00	General Alvear	4028	1.95
Añelo	1588	0.77	General Belgrano	4	0.00
Angaco	1774	0.86	General Lamadrid	60	0.03
Avellaneda - Río Negro	154	0.07	General Pueyrredón	11	0.01
Ayacucho	10	0.00	General Roca	1174	0.57
Balcarce	9	0.00	Godoy Cruz	1	0.00
Bariloche	1	0.00	Gualeguaychú	1	0.00
Belén	185	0.09	Guaymallén	630	0.31
Benito Juárez	0	0.00	Humahuaca	5	0.00
Cachi	78	0.04	Iglesia	7	0.00
Cafayate	2411	1.17	Ischilín	49	0.02
Caingua	7	0.00	Junín - Bs. As.	0	0.00
Calamuchita	18	0.01	Junín - Mza	11709	5.67
Calingasta	124	0.06	Junín - San Luis	27	0.01
Cañuelas	2	0.00	La Paz	300	0.15
Capayán	1	0.00	La Viña	5	0.00
Capital Misiones	2	0.00	Lacar	1	0.00
Capital San Juan	2	0.00	Languiñeo	0	0.00
Capital San Luis	60	0.03	Las Heras	1529	0.74
Capital Santiago del Este	2	0.00	Lavalle	13763	6.67
Castro Barros	245	0.12	Leandro Alem	1	0.00
Caucete	5681	2.75	Luján de Cuyo	15830	7.67
Chilecito	5356	2.60	Maipú	12343	5.98
Chimbas	612	0.30	Molinos	124	0.06
Chos Malal	6	0.00	Nogoya	0	0.00
Collon Cura	5	0.00	Ñorquin	1	0.00
Colón - Cba	113	0.05	Nueve de Julio	2138	1.04
Colón - Entre Ríos	6	0.00	Paraná	6	0.00
Concordia	13	0.01	Pehuenches	3	0.00
Conesa	22	0.01	Pichi Mahuida	38	0.02
Confluencia	126	0.06	Picún Leufú	1	0.00
Coronel Felipe Varela	506	0.25	Picunches	22	0.01
Coronel Pringles	2	0.00	Pocito	2190	1.06
Coronel Suarez	19	0.01	Poman	27	0.01
Cruz del Eje	27	0.01	Puelen	240	0.12
Curaco	3	0.00	Punilla	4	0.00
Cushamen	20	0.01	Rawson	1156	0.56
Daireaux	1	0.00	Rivadavia - Mza	15618	7.57
De La Costa	0	0.00	Rivadavia - San Juan	364	0.18
Diamante	4	0.00	Saavedra	18	0.01
El Carmen	3	0.00	San Alberto	5	0.00
El Cuy	60	0.03	San Blas De Los Sauces	41	0.02
			San Carlos - Mza	8676	4.20
			San Carlos - Salta	624	0.30

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>Argentina (cont.)</b>					
San Javier	12	0.01	Blackwood Valley	304	0.23
San Martín - Mza	28869	13.99	Canberra District (ACT)	92	0.07
San Martín - San Juan	2940	1.42	Canberra District (NSW)	243	0.18
San Rafael	13620	6.60	Central Ranges - other	390	0.29
Sanagasta	12	0.01	Central Victoria - other	190	0.14
Santa Lucía	989	0.48	Central Western Australia	16	0.01
Santa María - Catamarca	708	0.34	Clare Valley	4200	3.17
Santa María - Cba	9	0.00	Coonawarra	4726	3.57
Santa Rosa - Catamarca	1	0.00	Cowra	643	0.49
Santa Rosa - Mza	10012	4.85	Currency Creek	864	0.65
Sarmiento - Chubut	38	0.02	Eastern Plains, Inland and	2	0.00
Sarmiento - San Juan	7225	3.50	Eden Valley	1799	1.36
Tafí del Valle	105	0.05	Far North - other	2	0.00
Tandil	7	0.00	Fleurieu - other	323	0.24
Tilcara	13	0.01	Geelong	284	0.21
Tinogasta	1458	0.71	Geographe	338	0.25
Tornquist	12	0.01	Gippsland	177	0.13
Trancas	5	0.00	Glenrowan	179	0.13
Tulumba	5	0.00	Goulburn Valley	1011	0.76
Tumbaya	0	0.00	Grampians	511	0.39
Tunuyán	9320	4.52	Granite Belt	237	0.18
Tupungato	9852	4.77	Great Southern	1886	1.42
Ullum	525	0.25	Greater Perth - other	168	0.13
Uruguay	0	0.00	Gundagai	332	0.25
Valle Fértil	0	0.00	Hastings River	13	0.01
Valle Viejo	1	0.00	Heathcote	1159	0.88
Veinticinco de Mayo - M	0	0.00	Henty	158	0.12
Veinticinco de Mayo - Sa	6586	3.19	Hilltops	566	0.43
Victoria	7	0.00	Hunter	2309	1.74
Villa Gesell	0	0.00	Hunter Valley - other	52	0.04
Villarino	25	0.01	Kangaroo Island	95	0.07
Vinchina	48	0.02	King Valley	1336	1.01
Zonda	747	0.36	Langhorne Creek	5282	3.99
<b>Total</b>	<b>206342</b>	<b>100</b>	Limestone Coast - other	2113	1.60
<b>Armenia</b>	<b>14705</b>	<b>100</b>	Lower Murray - other	856	0.65
<b>Australia</b>					
Adelaide Hills	2967	2.24	Macedon Ranges	140	0.11
Adelaide Plains	586	0.44	Manjimup	54	0.04
Alpine Valleys	258	0.19	Margaret River	4816	3.64
Barossa - other	27	0.02	McLaren Vale	5995	4.53
Barossa Valley	8899	6.72	Mornington Peninsula	775	0.59
Beechworth	107	0.08	Mount Benson	257	0.19
Bendigo	610	0.46	Mount Gambier	186	0.14
Big Rivers - other	605	0.46	Mount Lofty Ranges - oth	470	0.35
			Mudgee	1070	0.81
			Murray Darling (NSW)	6298	4.76
			Murray Darling (VIC)	9214	6.96

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>Australia (cont.)</b>					
New England Australia	132	0.10	Bergland	140	0.31
North East Victoria - other	76	0.06	Carnuntum	906	1.99
North West Victoria - other	106	0.08	Kamptal	3907	8.60
Northern Rivers - other	7	0.01	Kremstal	2368	5.21
Northern Slopes	48	0.04	Mittelburgenland	1897	4.17
Orange	1098	0.83	Neusiedlersee	7098	15.62
Padthaway	3237	2.44	Neusiedlersee Hügelland	2835	6.24
Peel	36	0.03	Steirerland - other	0	0.00
Pemberton	332	0.25	Südburgenland	419	0.92
Perricoota	367	0.28	Südsteiermark	2162	4.76
Perth Hills	114	0.09	Thermenregion	2182	4.80
Port Phillip - other	520	0.39	Traisental	815	1.79
Pyrenees	493	0.37	Vulkanland Steiermark	1623	3.57
Queensland - other	83	0.06	Wachau	1344	2.96
Riverina	18610	14.05	Wagram	2720	5.99
Riverland	18774	14.18	Weinviertel	13858	30.50
Robe	650	0.49	Weststeiermark	538	1.18
Rutherglen	398	0.30	Wien	581	1.28
Shoalhaven Coast	33	0.03	other regions	45	0.10
South Burnett	215	0.16	<b>Total</b>	<b>45439</b>	<b>100</b>
South Coast - other	71	0.05	<b>Brazil</b>	<b>33205</b>	<b>100</b>
South West Australia - ot	41	0.03	<b>Bulgaria</b>		
Southern Fleurieu	181	0.14	North Central	3962	7.48
Southern Flinders Ranges	175	0.13	Northeast	6858	12.95
Southern Highlands	124	0.09	Northwest	4169	7.87
Southern NSW - other	46	0.04	South Central	16720	31.56
Strathbogie Ranges	627	0.47	Southeast	18725	35.35
Sunbury	67	0.05	Southwest	2540	4.79
Swan District	720	0.54	<b>Total</b>	<b>52974</b>	<b>100</b>
Swan Hill (NSW)	131	0.10	<b>Cambodia</b>	<b>10</b>	<b>100</b>
Swan Hill (VIC)	1717	1.30	<b>Canada</b>		
Tasmania	1442	1.09	British Columbia	4152	32.95
The Peninsulas	69	0.05	Nova Scotia	325	2.58
Tumbarumba	210	0.16	Ontario	6530	51.82
Upper Goulburn	384	0.29	Quebec	384	3.05
Western Australia Southe	20	0.02	other regions	1209	9.59
Western Plains	236	0.18	<b>Total</b>	<b>12600</b>	<b>100</b>
Western Victoria - other	62	0.05			
Wrattenbully	2478	1.87			
Yarra Valley	2116	1.60			
<b>Total</b>	<b>132435</b>	<b>100</b>			

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

Region	Area (hectares)	National share (%)	Region	Area (hectares)	National share (%)																																																																																																																																																																																	
<b>Chile</b>																																																																																																																																																																																						
Antofagasta	5	0.00	Midi Pyrénées	36827	4.52																																																																																																																																																																																	
Araucania	65	0.04	Pays de la Loire	35844	4.40																																																																																																																																																																																	
Arica	15	0.01	Picardie	2242	0.28																																																																																																																																																																																	
Atacama	567	0.39	Poitou Charentes	85808	10.53																																																																																																																																																																																	
Coquimbo	11076	7.59	Provence-Alpes-Côte d'A	96470	11.84																																																																																																																																																																																	
De Los Lagos	27	0.02	Rhône Alpes	51354	6.30																																																																																																																																																																																	
Del Bío Bío	12093	8.29	<b>Total</b>	<b>814882</b>	<b>100</b>																																																																																																																																																																																	
Del Maule	52962	36.31	<b>Georgia</b>	<b>48000</b>	<b>100</b>																																																																																																																																																																																	
Metropolitana	12908	8.85	<b>Germany</b>																																																																																																																																																																																			
O'Higgins	46337	31.77	Tarapaca	2	0.00	Ahr	522	0.55	Valparaíso	9816	6.73	Baden	14666	15.52	<b>Total</b>	<b>145873</b>	<b>100</b>	Franken	5796	6.13	<b>China</b>	<b>178000</b>	<b>100</b>	Hessische Bergstraße	414	0.44	<b>Croatia</b>			Mittelrhein	429	0.45	Jadranska Hrvatska	5308	45.19	Mosel	8137	8.61	Kontinentalna Hrvatska	6438	54.81	Nahe	3897	4.12	<b>Total</b>	<b>11746</b>	<b>100</b>	Pfalz	21541	22.79	<b>Cyprus</b>	<b>5133</b>	<b>100</b>	Rheingau	2962	3.13	<b>Czechia</b>			Rheinhessen	24117	25.52	Cechy	248	1.82	Saale	695	0.74	Jihovýchod	12800	94.12	Sachsen	466	0.49	Morava	268	1.97	Württemberg	10859	11.49	Praha	10	0.07	<b>Total</b>	<b>94501</b>	<b>100</b>	Severozápad	274	2.01	<b>Greece</b>						<b>Total</b>	<b>13600</b>	<b>100</b>	<b>Ethiopia</b>	<b>169</b>	<b>100</b>	Anatoliki Makedonia, Th	1706	3.36	<b>France</b>			Attiki	5957	11.72	Alsace	16804	2.06	Dytiki Ellada	7043	13.85	Aquitaine	144314	17.71	Dytiki Makedonia	1824	3.59	Auvergne	1010	0.12	Ionia Nisia	665	1.31	Bourgogne	32673	4.01	Ipeiros	153	0.30	Centre-Val de Loire	22463	2.76	Kentriki Makedonia	3115	6.13	Champagne-Ardenne	34332	4.21	Kriti	6767	13.31	Corse	6660	0.82	Notio Aigaio	2581	5.08	Franche Comté	1819	0.22	Peloponnisos	8739	17.19	Île de France	4	0.00	Stereia Ellada	6291	12.37	Languedoc Roussillon	245964	30.18	Thessalia	3426	6.74	Limousin	83	0.01	Voreio Aigaio	2578	5.07	Lorraine	211	0.03	<b>Total</b>	<b>50845</b>	<b>100</b>
Tarapaca	2	0.00	Ahr	522	0.55																																																																																																																																																																																	
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Severozápad	274	2.01	<b>Greece</b>																																																																																																																																																																																			
<b>Total</b>	<b>13600</b>	<b>100</b>	<b>Ethiopia</b>	<b>169</b>	<b>100</b>	Anatoliki Makedonia, Th	1706	3.36	<b>France</b>			Attiki	5957	11.72	Alsace	16804	2.06	Dytiki Ellada	7043	13.85	Aquitaine	144314	17.71	Dytiki Makedonia	1824	3.59	Auvergne	1010	0.12	Ionia Nisia	665	1.31	Bourgogne	32673	4.01	Ipeiros	153	0.30	Centre-Val de Loire	22463	2.76	Kentriki Makedonia	3115	6.13	Champagne-Ardenne	34332	4.21	Kriti	6767	13.31	Corse	6660	0.82	Notio Aigaio	2581	5.08	Franche Comté	1819	0.22	Peloponnisos	8739	17.19	Île de France	4	0.00	Stereia Ellada	6291	12.37	Languedoc Roussillon	245964	30.18	Thessalia	3426	6.74	Limousin	83	0.01	Voreio Aigaio	2578	5.07	Lorraine	211	0.03	<b>Total</b>	<b>50845</b>	<b>100</b>																																																																																																
<b>Ethiopia</b>	<b>169</b>	<b>100</b>	Anatoliki Makedonia, Th	1706	3.36																																																																																																																																																																																	
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Lorraine	211	0.03	<b>Total</b>	<b>50845</b>	<b>100</b>																																																																																																																																																																																	

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>										
<b>Hungary</b>															
Badacsony	1382	2.16	Trento	10079	1.67										
Balatonboglár	3231	5.06	Umbria	11768	1.95										
Balatonfelvidek	830	1.30	Valle d'Aosta	375	0.06										
Balatonfured-Csopak	2032	3.18	Veneto	84505	13.98										
Bukk	1015	1.59	<b>Total</b>	<b>604551</b>	<b>100</b>										
Csongrad	1126	1.76	<b>Japan</b>												
Eger	5353	8.38	Hokkaido	868	22.43										
Etyek-Budai	1513	2.37	Iwate	160	4.15										
Hajos-bajai	1889	2.96	Nagano	754	19.49										
Kunsag	20519	32.12	Niigata	62	1.61										
Matra	6248	9.78	Yamagata	414	10.69										
Mor	573	0.90	Yamanashi	1202	31.08										
Nagy-Somlo	553	0.87	other regions	408	10.55										
Neszmely	1077	1.69	<b>Total</b>	<b>3869</b>	<b>100</b>										
Pannonhalma	622	0.97	<b>Kazakhstan</b>												
Pecs	673	1.05	Almaty	4553	65.62										
Sopron	1650	2.58	East Kazakhstan	3	0.04										
Szekszard	2183	3.42	South Kazakhstan	2162	31.16										
Tokaj	5709	8.94	West Kazakhstan	2	0.03										
Tolna	2399	3.76	Zhambyl	217	3.12										
Villany	2469	3.86	other regions	2	0.03										
Zala	833	1.30	<b>Total</b>	<b>6938</b>	<b>100</b>										
<b>Total</b>	<b>63881</b>	<b>100</b>	<b>India</b>												
<b>India</b>	<b>2700</b>	<b>100</b>	<b>Korea, Rep.</b>												
<b>Israel</b>	<b>5000</b>	<b>100</b>	<b>Lebanon</b>												
<b>Italy</b>						<b>Luxembourg</b>									
Abruzzo	27138	4.49				<b>1300</b>	<b>100</b>	<b>Mexico</b>							
Basilicata	3827	0.63						Aguascalientes	850	15.55					
Bolzano-Bozen	4072	0.67						Baja California	2863	52.39					
Calabria	6509	1.08						Coahuila	279	5.11					
Campania	17217	2.85						Sonora	1164	21.30					
Emilia-Romagna	58675	9.71						Zacatecas	309	5.65					
Friuli-Venezia Giulia	19879	3.29						<b>Total</b>	<b>5465</b>	<b>100</b>					
Lazio	14968	2.48						<b>Moldova</b>							
Liguria	1004	0.17						<b>82600</b>	<b>100</b>	<b>Morocco</b>					
Lombardia	23221	3.84						<b>17590</b>	<b>100</b>	<b>Myanmar</b>					
Marche	14766	2.44						<b>70</b>	<b>100</b>						
Molise	3991	0.66													
Piemonte	46327	7.66													
Puglia	94348	15.61													
Sardegna	17784	2.94													
Sicilia	86725	14.35													
Toscana	57373	9.49													

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>			
<b>New Zealand</b>								
Auckland	346	0.98	Bačka	23	0.10			
Canterbury	197	0.56	Banat	98	0.45			
Gisborne	1440	4.06	Belgrade	1132	5.14			
Hawkes Bay	4638	13.08	Čačak-Kraljevo	65	0.29			
Marlborough	23452	66.13	Knjaževac	1077	4.89			
Nelson	1141	3.22	Leskovac	1451	6.59			
Northland	57	0.16	Mlava	815	3.70			
Otago	1942	5.48	Negotinska Krajina	975	4.43			
Waikato	16	0.05	Niš	1316	5.98			
Waipara	1231	3.47	Nišava	477	2.17			
Wairarapa	1003	2.83	South Banat	1722	7.82			
<b>Total</b>	<b>35463</b>	<b>100</b>	Srem	2142	9.73			
<b>North Macedonia</b>	<b>24777</b>	<b>100</b>	Subotica	311	1.41			
<b>Norway</b>	<b>13</b>	<b>100</b>	Šumadija	1118	5.08			
<b>Peru</b>								
Arequipa	1356	35.40	Telečka	115	0.52			
Lima	783	20.44	Tisa	261	1.19			
Moquegua	877	22.89	Toplica	761	3.46			
Tacna	815	21.27	Tri Morave	7544	34.27			
<b>Total</b>	<b>3831</b>	<b>100</b>	Valjevo	191	0.87			
<b>Total</b>	<b>22014</b>	<b>100</b>	Vranje	419	1.90			
<b>Portugal</b>								
Acores	176	0.10	<b>Slovakia</b>					
Alentejo	29987	16.42	Bratislavský kraj	1571	20.28			
Algarve	1571	0.86	Stredné Slovensko	780	10.07			
Centro	67240	36.81	Východné Slovensko	394	5.09			
Lisboa	7958	4.36	Západné Slovensko	5003	64.57			
Madeira	847	0.46	<b>Total</b>	<b>7748</b>	<b>100</b>			
Norte	74870	40.99	<b>Slovenia</b>					
<b>Total</b>	<b>182649</b>	<b>100</b>	Bela Krajina	369	2.31			
<b>Romania</b>	<b>182762</b>	<b>100</b>	Bizeljsko Sremic	878	5.49			
<b>Russia</b>			Dolenjska	1600	10.01			
Crimea	25166	49.55	Goriska brda	1803	11.28			
Krasnodar Krai	21224	41.78	Kras	582	3.64			
Rostov Oblast	4404	8.67	Prekmurje	528	3.30			
<b>Total</b>	<b>50794</b>	<b>100</b>	Slovenska Istra	1840	11.51			
			Stajerska Slovenija	6113	38.23			
			Vipavska dolina	2276	14.24			
			<b>Total</b>	<b>15989</b>	<b>100</b>			

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>			
<b>South Africa</b>								
Breedekloof	12893	13.46	Neuchâtel	604	4.09			
Cape South Coast	2657	2.77	Nidwalden	0	0.00			
Little Karoo	2443	2.55	Owralden	2	0.01			
Northern Cape	4360	4.55	Schaffhausen	483	3.26			
Olifants River	10018	10.46	Schwyz	39	0.26			
Paarl	15280	15.95	Solothurn	10	0.06			
Robertson	13227	13.81	St. Gallen	211	1.42			
Stellenbosch	15339	16.02	Thunersee	19	0.13			
Swartland	12940	13.51	Thurgau	257	1.74			
Worcester	6618	6.91	Ticino	1098	7.42			
<b>Total</b>	<b>95775</b>	<b>100</b>	Uri	4	0.03			
<b>Spain</b>								
Andalucía	32054	3.63	Valais	4906	33.17			
Aragón	33729	3.82	Vaud	3771	25.49			
Canarias	10878	1.23	Zug	2	0.01			
Cantabria	106	0.01	Zürich	607	4.10			
Castilla y León	72364	8.19	other regions	3	0.02			
Castilla-La Mancha	409969	46.40	<b>Total</b>	<b>14793</b>	<b>100</b>			
Cataluña	51908	5.87	<b>Taiwan</b>					
Comunidad de Madrid	11255	1.27		<b>149</b>	<b>100</b>			
Comunidad Foral de Nav.	17015	1.93	<b>Thailand</b>					
Comunidad Valenciana	57677	6.53		<b>208</b>	<b>100</b>			
Extremadura	78323	8.86	<b>Tunisia</b>					
Galicia	30120	3.41		<b>3400</b>	<b>100</b>			
Illes Balears	1718	0.19	<b>Turkey</b>					
La Rioja	40081	4.54	Aegean	8214	59.94			
País Vasco	13481	1.53	Central East	2066	15.08			
Principado de Asturias	104	0.01	Central North	214	1.56			
Región de Murcia	22774	2.58	Central South	770	5.62			
<b>Total</b>	<b>883558</b>	<b>100</b>	Marmara	1737	12.68			
<b>Switzerland</b>			Mediterranean	25	0.18			
Aargau	385	2.60	South East	677	4.94			
Appenzell Ausserrhoden	4	0.03	<b>Total</b>	<b>13704</b>	<b>100</b>			
Appenzell Innerrhoden	1	0.00	<b>Ukraine</b>					
Basel Land	114	0.77		<b>25166</b>	<b>100</b>			
Basel Stadt	5	0.03	<b>United Kingdom</b>					
Fribourg	117	0.79		<b>1839</b>	<b>100</b>			
Geneva	1411	9.54						
Glarus	2	0.01						
Graubünden - Mesolcina	30	0.20						
Graubünden - other	421	2.85						
Jura	15	0.10						
Lac de Bienna	221	1.49						
Lucerne	53	0.36						

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

Region	Area (hectares)	National share (%)	Region	Area (hectares)	National share (%)
<b>United States (cont.)</b>					
Alameda	1188	0.50	North Texas (DFW)	161	0.07
Amador	1458	0.61	North Willamette Valley	6072	2.53
Arizona	250	0.10	Ohio	607	0.25
Arkansas	251	0.10	Ontario	216	0.09
Butte	69	0.03	Orange	0	0.00
Calaveras	288	0.12	Pennsylvania	1040	0.43
Cattaraugus	139	0.06	Placer	76	0.03
Chautauqua	6740	2.81	Puget Sound	32	0.01
Colorado	248	0.10	Rattlesnake Hills	546	0.23
Columbia Gorge	85	0.04	Red Mountain	646	0.27
Columbia River	645	0.27	Riverside	437	0.18
Columbia Valley	2907	1.21	Rogue Valley	1186	0.49
Colusa	606	0.25	Sacramento	8031	3.35
Contra Costa	725	0.30	San Benito	1115	0.47
El Dorado	830	0.35	San Bernardino	193	0.08
Erie	682	0.28	San Diego	199	0.08
Fresno	15909	6.64	San Joaquin	28107	11.73
Georgia	586	0.24	San Luis Obispo	12392	5.17
Glenn	408	0.17	San Mateo	41	0.02
Hill Country	307	0.13	Santa Barbara	6113	2.55
Horse Heaven Hills	5345	2.23	Santa Clara	606	0.25
Humboldt	49	0.02	Santa Cruz	193	0.08
Illinois	386	0.16	Schuylerville	459	0.19
Indiana	262	0.11	Seneca	540	0.23
Iowa	145	0.06	Shasta	38	0.02
Kentucky	217	0.09	Siskiyou	7	0.00
Kern	6913	2.88	Snipes Mountain	225	0.09
Kings	805	0.34	Solano	1433	0.60
Lake	3264	1.36	Sonoma	23528	9.82
Lake Chelan	42	0.02	South Texas and Gulf Co	123	0.05
Lassen	1	0.00	South Willamette Valley	1165	0.49
Los Angeles	84	0.04	Stanislaus	2765	1.15
Madera	13813	5.76	Steuben	422	0.18
Marin	66	0.03	Suffolk	826	0.34
Mariposa	27	0.01	Sutter	8	0.00
Mendocino	6660	2.78	Tehama	46	0.02
Merced	5265	2.20	Texas High Plains and Pa	1087	0.45
Michigan	1150	0.48	Trinity	53	0.02
Minnesota	432	0.18	Tulare	2890	1.21
Missouri	688	0.29	Tuolumne	11	0.00
Monterey	17909	7.47	Ulster	64	0.03
Naches Heights	6	0.00	Umpqua Valley	945	0.39
Napa	17914	7.48	Ventura	17	0.01
Nevada	179	0.07	Virginia	1284	0.54
Niagara	357	0.15	Wahluke Slope	2834	1.18
North Carolina	754	0.31	Walla Walla Valley	564	0.24

Table 69 (cont.): Winegrape area by region and region's national share, by country, 2016

<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>	<i>Region</i>	<i>Area (hectares)</i>	<i>National share (%)</i>
<b>United States (cont.)</b>					
Wayne	15	0.01			
West Texas	160	0.07			
Yakima Valley	5806	2.42			
Yates	2164	0.90			
Yolo	5059	2.11			
Yuba	27	0.01			
<b>Total</b>	<b>239632</b>	<b>100</b>			
<b>Uruguay</b>					
Artigas	36	0.53			
Canelones	4269	63.31			
Colonia	522	7.74			
Durazno	47	0.70			
Florida	42	0.62			
Lavalleja	7	0.10			
Maldonado	326	4.83			
Montevideo	813	12.06			
Paysandu	160	2.37			
Rivera	41	0.61			
Rocha	12	0.18			
Salto	54	0.80			
San Jose	392	5.81			
Soriano	3	0.04			
Tacuarembo	19	0.29			
<b>Total</b>	<b>6743</b>	<b>100</b>			

Table 70: States/admin regions and wine regions within them in Australia, Italy and the United States

<b>Australia</b>		<b>Italy</b>					
		<b>Western Australia</b>		<b>Abruzzo</b>		<b>Imperia</b>	<b>Sicilia</b>
<b>Aus. Capital Terr.</b>	Far North Other	Blackwood Valley	Chieti			La Spezia	Agrigento
Aus. Capital Terr.	Fleurieu other	Central WA	L'Aquila			Savona	Caltanissetta
Canberra ACT	Kangaroo Island	Eastern Plain ect.	Pescara			<b>Lombardia</b>	Catania
<b>New South Wales</b>	Langhorne Creek	Great Southern	<b>Basilicata</b>			Bergamo	Enna
Big Rivers Other	Limestone C. other Geographe		Teramo			Brescia	Messina
Canberra NSW	Lower Murray Oth					Como	Palermo
Central Ranges other	McLaren Vale	Greater Perth	Other Matera			Cremona	Ragusa
Cowra	Mount Benson	Manjimup	Potenza			Lecco	Siracusa
Gundagai	Mt Lofty Rgs	Othe Margaret River	<b>Bolzano-Bozen</b>			Lodi	Trapani
Hastings River	Padthaway	Peel	<b>Calabria</b>			Mantova	<b>Toscana</b>
Hilltops	Riverland	Pemberton	Catanzaro			Milano	Arezzo
Hunter	Robe	Perth Hills	Cosenza			Pavia	Firenze
Hunter Valley Other	SA - other	SE Coastal WA	Crotone			Reggio di Calabria	Sondrio
Mudgee	Southern Fleurieu	SW Australia	Othe Reggio di Calabria			Varese	Grosseto
Murray Darling NSW	Sthn Flinders	Swan District	Vibo Valentia			Ancona	Livorno
New England	The Peninsulas	WA other	<b>Campania</b>			Ascoli Piceno	Lucca
NSW other	Wrattanbully	<b>Tasmania</b>	Avellino			Macerata	Massa-Carrara
Nthn Rivers other	<b>Victoria</b>		Benevento			Ascoli Piceno	Pisa
Nthn Slopes Other	Central Victoria		Caserta			Pesaro e Urbino	Pistoia
Orange	Alpine Valleys		Napoli			Prato	
Perricoota	Beechworth		Salerno			<b>Molise</b>	Siena
Riverina	Bendigo		<b>Emilia Romagna</b>			Campobasso	<b>Trentino AA</b>
Shoalhaven Coast	Central Vic Other		Bologna			Isernia	Bolzano-Bozen
South Coast Other	Geelong		Ferrara			<b>Piemonte</b>	Trento
Southern Highlands	Gippsland		Forli-Cesena			Alessandria	<b>Umbria</b>
Southern NSW other	Glenrowan		Modena			Asti	Perugia
Swan Hill NSW	Heathcote		Parma			Biella	Terni
Tumbarumba	Henty		Piacenza			Cuneo	<b>Valle d'Aosta</b>
Upper Goulburn	King Valley		Ravenna			Novara	<b>Veneto</b>
West Plains Other	Macedon Ranges		Reggio nell'Emilia	Verbano-C.-Ossola		Belluno	
<b>Queensland</b>	Mornington Peninsula		Rimini			Torino	Padova
Granite Belt	Murray Darling Vic		<b>Friuli -Venezia G.</b>	Vercelli			Rovigo
Queensland Other	N. E. Vic Other		Gorizia			Bari	Treviso
South Burnett	N. W. Vic Other		Pordenone			Brindisi	Venezia
<b>South Australia</b>	Port Phillip - other		Trieste			Udine	Verona
Adelaide Hills	Pyrenees					Foggia	Vicenza
Adelaide Plains	Rutherglen		<b>Lazio</b>			Lecce	
Barossa Other	Strathbogie Ranges		Frosinone			Taranto	
Barossa Valley	Sunbury		Latina			<b>Sardegna</b>	
Bordertown	Swan Hill Vic		Rieti			Cagliari	
Clare Valley	West Vic Other		Roma			Nuoro	
Coonawarra	Western Victoria		Viterbo			Oristano	
Currency Creek	Yarra Valley		<b>Liguria</b>			Sassari	
Eden Valley			Genova				

Table 70 (cont.): States/admin regions and wine regions within them in Australia, Italy and the United States

**United States**

<i>California</i>	<i>New York</i>	<i>Arizona</i>
Alameda	Chautauqua-Erie	<i>Arkansas</i>
Amador	Finger Lakes	<i>Colorado</i>
Butte	Other New York	<i>Georgia</i>
Calaveras		<i>Illinois</i>
Colusa	<i>Oregon</i>	<i>Indiana</i>
Contra Costa	Benton Co.	<i>Iowa</i>
El Dorado	Columbia River	<i>Kentucky</i>
Fresno	Douglas Co.	<i>Michigan</i>
Glenn	Jackson Co.	<i>Minnesota</i>
Humboldt	Josephine Co.	<i>Missouri</i>
Kern	Lane Co.	<i>North Carolina</i>
Kings	Marion Co.	<i>Ohio</i>
Lake	Other W. Valley	<i>Pennsylvania</i>
Los Angeles	Other Valley	<i>Virginia</i>
Madera	Polk Co.	
Mariposa	Washington Co.	
Marin	Yamhill Co.	
Mendocino	Oregon-Other	
Merced		
Monterey	<i>Texas</i>	
Napa	Hill Country	
Nevada	North Texas	
Orange	Southeast Texas and Gulf Coast	
Placer	Texas High Plains and Panhandle	
Riverside	West Texas	
Sacramento		
San Benito	<i>Washington</i>	
San Bernardino	Columbia Gorge	
San Diego	Columbia Valley	
San Joaquin	Horse Heaven Hills	
San Mateo	Lake Chelan	
San Luis Obispo	Puget Sound	
Santa Barbara	Rattlesnake Hills	
Santa Clara	Red Mountain	
Santa Cruz	Snipes Mountain	
Shasta	Wahluke Slope	
Siskiyou	Walla Walla Valley	
Solano	Yakima Valley	
Stanislaus		
Sutter		
Sonoma		
Tehama		
Trinity		
Tulare		
Tuolumne		
Ventura		
Yolo		
Yuba		

Table 71: Concordance over time between regions of selected countries

2000	2010	2016
<b>Australia</b>		
Australian Capital Territory	Australian Capital Territory + Canberra District (ACT)	Canberra District (ACT)
Canberra District	Canberra District (NSW)	Canberra District (NSW)
Northern Slopes - other	Northern Slopes - other + New England Australia	New England Australia + Northern Slopes
South Coast - other	South Coast - other + Shoalhaven Coast + Southern Highlands	South Coast - other + Shoalhaven Coast + Southern Highlands
Southern NSW - other	Southern NSW - other + Gundagai	Southern NSW - other + Gundagai
Western Plains - other	Western Plains - other	Western Plains
Far North - other	Far North - other + Southern Flinders Ranges	Far North - other + Southern Flinders Ranges
Limestone Coast - other	Limestone Coast - other + Coonawarra + Robe + Wrattenbully	Limestone Coast - other + Coonawarra + Mount Gambier + Robe + Wrattenbully
Mount Lofty Ranges - other	Mount Lofty Ranges - other + Adelaide Plains	Mount Lofty Ranges - other + Adelaide Plains
Alpine Valleys/Beechworth + Beechworth	Alpine Valleys + Beechworth	Alpine Valleys + Beechworth
Central Victoria - other	Central Victoria - other + Heathcote + Strathbogie Ranges + Upper Goulburn	Central Victoria - other + Heathcote + Strathbogie Ranges + Upper Goulburn
North East Victoria - other	North East Victoria - other + Glenrowan + King Valley	North East Victoria - other + Glenrowan + King Valley
Port Phillip - other	Port Phillip - other + Macedon Ranges	Port Phillip - other + Macedon Ranges
Greater Perth - other	Greater Perth - other + Peel	Greater Perth - other + Peel
South West Australia - other	South West Australia - other + Manjimup + Pemberton	South West Australia - other + Manjimup + Pemberton
<b>Croatia</b>		
	Dalmatinska Zagora + Hrvatsko Primorje + Istra + Sjeverna Dalmacija + Srednja Juzna Dalmacija Moslavina + Plesivica + Podunavlje + Pokuplje + Prigorje - Bilogora + Slavonija + Zagorje-	Jadranska Hrvatska  Kontinentalna Hrvatska
<b>Czechia</b>		
	Cechy Morava	Cechy + Praha + Severozápad Morava + Jihovýchod
<b>Italy</b>		
Ascoli Piceno	Ascoli Piceno + Fermo	
Bari	Bari + (part of) Barletta-Andria- Trani	
Foggia	Foggia + (part of) Barletta-Andria- Trani	
Cagliari	Cagliari + Carbonia-Iglesias + Medio Campidano	

Table 71 (cont.): Concordance over time between regions of selected countries

2000	2010	2016
<b>Italy (cont.)</b>		
Nuoro	Nuoro + Ogliastra + (part of) Olbia-Tempio	
Sassari	Sassari + (part of) Olbia-Tempio	
<b>Portugal</b>		
Beira Interior + Beira Litoral + Ribatejo e Oeste	Beira Interior + Beira Litoral + Ribatejo e Oeste	Centro + Lisboa
Alto Tras-os-Montes + Entre Douro e Minho	Alto Tras-os-Montes + Entre Douro e Minho	Norte
<b>Slovakia</b>		
	Juznoslovenska + Malokarpatska + Nitrianska	Západné Slovensko + Bratislavský kraj
	Tokajská + Východné Slovensko	Východné Slovensko
<b>Switzerland</b>		
Graubünden	Graubünden	Graubünden - Mesolcina + Graubünden - other
<b>United States</b>		
Chautauqua-Erie	Chautauqua-Erie	Chautauqua + Erie
Finger Lakes	Finger Lakes	Ontario + Schuyler + Seneca + Steuben + Wayne + Yates
New York - other	New York - other	Niagara + Suffolk + Ulster
Marion Co. + Polk Co. + Washington Co. + Yamhill Co.	Marion Co. + Polk Co. + Washington Co. + Yamhill Co.	North Willamette Valley
Josephine Co.	Jackson Co. + Josephine Co.	Rogue Valley
Benton Co. + Lane Co.	Benton Co. + Lane Co.	South Willamette Valley
Douglas Co.	Douglas Co.	Umpqua Valley

Table 72: Concordance of this database's regions of France, Italy and Spain with those in the 2019 *World Atlas of Wine*

Database		2019 World Atlas of Wine			
Regions	Subregions	Regions	Subregions	Sub-subregions	Pages
<b>France</b>					
Bourgogne	Cote-d'Or, Yonne, Saone-et-Loire, Rhone	Burgundy			54-55
Bourgogne	Cote-d'Or, Saone-et-Loire		Cote d'Or		56-58
Bourgogne	Cote-d'Or			Southern Cote de Beaune	59
Bourgogne	Cote-d'Or			Central Cote de Beaune	60-61
Bourgogne	Cote-d'Or			Northern Cote de Beaune	62-63
Bourgogne	Cote-d'Or			Southern Cote de Nuits	64-65
Bourgogne	Cote-d'Or			Northern Cote de Nuits	66-67
Bourgogne	Saone-et-Loire		Cote Chalonnaise		68
Bourgogne	Saone-et-Loire			Maconnais (including Pouilly-Fuisse)	69-71
Bourgogne	Saone-et-Loire, Rhone		Beaujolais		72-73
Bourgogne	Saone-et-Loire, Rhone			The Crus of Beaujolais	74-75
Bourgogne	Yonne		Chablis		76-77
Bourgogne	Yonne			The Heart of Chablis	78-79
Champagne Ardenne, Île de France, Picardie	Marne, Aube, Seine-et-Marne, Aisne	Champagne			80-81
Champagne Ardenne	Marne		The heart of Champagne		82-83
Aquitaine	Gironde	Bordeaux			84-87
Aquitaine	Gironde		Northern Medoc		88-89
Aquitaine	Gironde		St-Estephe		90-91
Aquitaine	Gironde		Pauillac		92-93
Aquitaine	Gironde		St-Julien		94-95
Aquitaine	Gironde		Central Medoc		96-97
Aquitaine	Gironde		Margaux and Southern Medoc		98-99
Aquitaine	Gironde		Graves and Entre-Deux-Mers		100-101
Aquitaine	Gironde		Pessac-Leognan		102-103
Aquitaine	Gironde		Sauternes and Barsac		104-105
Aquitaine	Gironde		The Right Bank		106-107
Aquitaine	Gironde		Pomerol		108-109
Aquitaine	Gironde		St-Emilion		110-112
Aquitaine, Midi Pyrénées	Dordogne, Landes, Lot-et-Garonne, Pyrenees-Atlantiques, Haute-Garonne, Gers, Lot, Hautes-Pyrenees, Tarn, Tarn-et-Garonne		Wines of the Southwest		113-115
Bourgogne, Centre-Val de Loire, Pays de la Loire, Poitou Charentes	Maine-et-Loire, Sarthe, Vendee, Deux-Sevres, Vienne	The Loire Valley			116-117
Pays de la Loire	Maine-et-Loire		Anjou		118
Pays de la Loire	Maine-et-Loire		Saumur		119
Centre-Val de Loire	Indre-et-Loire		Chinon and Bourgueil		120
Centre-Val de Loire	Indre-et-Loire		Vouvray and Montlouis		121
Centre-Val de Loire, Bourgogne	Cher, Nievre		Sancerre and Pouilly		122-123
Alsace	Bas-Rhin, Haut-Rhin	Alsace			124-125
Alsace	Haut-Rhin		The heart of Alsace		125-127
Rhône Alpes	Ardeche, Drome, Isere, Loire, Rhone	Northern Rhone			128-129
Rhône Alpes	Loire, Rhone		Cote-Rotie and Condrieu		130-131
Rhône Alpes	Ardeche, Drome		Hermitage		132-133
Languedoc Roussillon, Provence-Alpes-Côte d'Azur, Rhône Alpes	Gard, Vaucluse, Ardeche, Drome	Southern Rhone			134-135
Languedoc Roussillon, Provence-Alpes-Côte d'Azur	Gard, Vaucluse		Heart of the Southern Rhone		136-137
Provence-Alpes-Côte d'Azur	Vaucluse		Chateauneuf-du-Pape		138-139
Languedoc Roussillon	Aude, Herault	Western Languedoc			140-141

Table 72 (cont.): Concordance of this database's regions of France, Italy and Spain with those in the 2019 *World Atlas of Wine*

Database		2019 World Atlas of Wine			
Regions	Subregions	Regions	Subregions	Sub-subregions	Pages
<b>France (cont.)</b>					
Languedoc Roussillon	Gard, Herault	Eastern Languedoc			142-143
Languedoc Roussillon	Pyrenees-Orientales	Rousillon			144-145
Provence-Alpes-Cote d'Azur	Bouches-du-Rhone, Var	Provence			146-147
Provence-Alpes-Cote d'Azur	Var		Bandol		148
Corse	Corse-du-Sud, Haute-Corse	Corsica			149
Franche Comté, Rhône Alpes	Jura, Ain, Savoie, Haute-Savoie	Jura, Savoie, and Bugey			150-152
<b>Italy</b>					
Piemonte, Valle d'Aosta, Liguria, Emilia-Romagna, Lombardia	<i>some sub-regions from Emilia-Romagna and Lombardia, and all sub-regions from other regions</i> <i>all sub-regions from the region mentioned</i>	Northwest Italy			156-157
Piemonte	Cuneo	Piemonte			158-159
Piemonte	Cuneo		Barbaresco		160-161
			Barolo		162-163
Bolzano-Bozen, Trento, Veneto, Friuli-Venezia Giulia, Lombardia, Emilia-Romagna	<i>some sub-regions from Emilia-Romagna and Lombardia, and all sub-regions from other regions</i> <i>all sub-regions from the regions mentioned</i>	Northeast Italy			164-165
Bolzano-Bozen, Trento	Verona, Vicenza, Brescia	Trentino and Alto Adige			166-167
Veneto, Lombardia		Verona			168-169
Friuli-Venezia Giulia	<i>not specified</i>	Friuli			170-171
Toscana, Umbria, Lazio, Marche, Abruzzo, Emilia-Romagna	<i>some sub-regions from Emilia-Romagna, and all sub-regions from other regions</i>	Central Italy			172-173
Toscana	Livorno	Maremma			174-175
Toscana	Firenze, Siena	Chianti Classico			176-178
Toscana	Siena	Montalcino			179
Toscana	Perugia, Terni, Viterbo, Siena	Montepulciano			180
Umbria, Lazio, Toscana		Umbria			181
Sicilia, Sardegna, Molise, Puglia, Campania, Basilicata, Calabria	<i>all sub-regions from the regions mentioned</i>	Southern Italy			182-183
Sicilia	<i>all sub-regions from Sicilia</i>	Sicily			184-185
Sardegna	<i>all sub-regions from Sardegna</i>	Sardinia			186
<b>Spain</b>					
País Vasco, Castilla y León, Aragón, Comunidad Valenciana, Región de Murcia, Castilla-La Mancha	<i>not specified</i>	Others			189-191
		The north			189-190
		The east			190-191
Community of Madrid, Castilla-La Mancha, Extremadura	<i>not specified</i>				191
Canarias	<i>not specified</i>	South of Madrid			191
Galicia	Galicia	The islands			191
Galicia	Galicia	Northwest Spain			192
	Burgos, Segovia, Soria, Valladolid	Rias Baixas			193
Castilla y León	Valladolid	Ribera del Duero			194-195
Castilla y León	Valladolid, Zamora	Toro and Rueda			196
Comunidad Foral de Navarra	Comunidad Foral de Navarra	Navarra			197
La Rioja, País Vasco, Comunidad Foral de Navarra	La Rioja, Alava, Comunidad Foral de Navarra	Rioja			198-199
Cataluña	Barcelona, Girona, Lleida, Tarragona	Catalunya			200-201
Cataluña	Tarragona	Priorat			202
Andalucía	Almería, Granada, Jaén, Sevilla, Cádiz, Córdoba, Huelva, Málaga	Andalucía			203-205

Table 73: Concordance of regions of France, Italy and Spain in the 2019 *World Atlas of Wine* with those in this book's database

Regions France	2019 World Atlas of Wine			Database		
	Regions	Subregions	Sub-subregions		Regions	Subregions
Burgundy				54-55	Bourgogne	Cote-d'Or, Yonne, Saone-et-Loire, Rhone
Cote d'Or				56-58	Bourgogne	Cote-d'Or, Saone-et-Loire
Southern Côte de Beaune				59	Bourgogne	Côte-d'Or
Central Côte de Beaune				60-61	Bourgogne	Côte-d'Or
Northern Côte de Beaune				62-63	Bourgogne	Côte-d'Or
Southern Côte de Nuits				64-65	Bourgogne	Côte-d'Or
Northern Côte de Nuits				66-67	Bourgogne	Côte-d'Or
Côte Chalonnaise				68	Bourgogne	Saône-et-Loire
Maconnais (including Pouilly-Fu				69-71	Bourgogne	Saône-et-Loire
Beaujolais				72-73	Bourgogne	Saône-et-Loire, Rhone
The Crus of Beaujolais				74-75	Bourgogne	Saône-et-Loire, Rhone
Chablis				76-77	Bourgogne	Yonne
Chablis			The Heart of Chablis	78-79	Bourgogne	Yonne
Champagne				80-81	Champagne Ardenne, Île-de-France, Picardie	Marne, Aube, Seine-et-Marne, Aisne
Bordeaux				82-83	Champagne Ardenne	Marne
The heart of Champagne				84-87	Aquitaine	Gironde
Northern Medoc				88-89	Aquitaine	Gironde
St-Estephe				90-91	Aquitaine	Gironde
Pauillac				92-93	Aquitaine	Gironde
St-Julien				94-95	Aquitaine	Gironde
Central Medoc				96-97	Aquitaine	Gironde
Margaux and Southern Medoc				98-99	Aquitaine	Gironde
Graves and Entre-Deux-Mers				100-101	Aquitaine	Gironde
Pessac-Leognan				102-103	Aquitaine	Gironde
Sauternes and Barsac				104-105	Aquitaine	Gironde
The Right Bank				106-107	Aquitaine	Gironde
Pomerol				108-109	Aquitaine	Gironde
St-Emilion				110-112	Aquitaine	Gironde

Table 73 (cont.): Concordance of regions of France, Italy and Spain in the 2019 *World Atlas of Wine* with those in this book's database

Regions	2019 World Atlas of Wine		Database	
	Subregions	Sub-subregions		
<b>France (cont.)</b>				
Wines of the Southwest			Dordogne, Landes, Lot-et-Garonne, Pyrenees-Atlantiques, Haute-Garonne, Gers, Lot, Hautes-Pyrenees, Tarn, Tarn-et-Garonne	
Aquitaine, Midi Pyrénées	113-115		Nievre, Cher, Indre, Indre-et-Loire, Loiret, Loir-et-Cher, Loire-Atlantique, Maine-et-Loire, Sarthe, Vendée, Deux-Sèvres, Vienne	
Bourgogne, Centre-Val de Loire, Pays de la Loire, Poitou Charentes	116-117		Maine-et-Loire	
Anjou	118	Pays de la Loire	Maine-et-Loire	
Sauvur	119	Pays de la Loire	Maine-et-Loire	
Chinon and Bourgueil	120	Centre-Val de Loire	Indre-et-Loire	
Vouvray and Montlouis	121	Centre-Val de Loire	Indre-et-Loire	
Sancerre and Pouilly	122-123	Bourgogne	Centre-Val de Loire, Cher, Nievre	
Alsace	124-125	Alsace	Bas-Rhin, Haut-Rhin	
The heart of Alsace	125-127	Alsace	Haut-Rhin	
Northern Rhone	128-129	Rhône Alpes	Ardeche, Drome, Isère, Loire, Rhône	
Côte-Rotie and Condrieu	130-131	Rhône Alpes	Loire, Rhône	
Hermitage	132-133	Rhône Alpes	Ardeche, Drome	

Table 73 (cont.): Concordance of regions of France, Italy and Spain in the 2019 *World Atlas of Wine* with those in this book's database

Regions	2019 World Atlas of Wine			Regions	Database
	Subregions	Sub-subregions	Pages		
<b>France (cont.)</b>					
Southern Rhone	Languedoc Roussillon, Provence-Alpes-Côte d'Azur, Rhône Alpes	134-135	Languedoc Roussillon, Provence-Alpes-Côte d'Azur	Gard, Vaucluse, Ardèche, Drôme	
Heart of the Southern Rhone	Provence-Alpes-Côte d'Azur	136-137	Provence-Alpes-Côte d'Azur	Gard, Vaucluse	
Western Languedoc	Châteauneuf-du-Pape	138-139	Provence-Alpes-Côte d'Azur	Vaucluse	
Eastern Languedoc		140-141	Languedoc Roussillon	Aude, Hérault	
Roussillon		142-143	Languedoc Roussillon	Gard, Hérault	
Provence		144-145	Languedoc Roussillon	Pyrénées-Orientales	
		146-147	Provence-Alpes-Côte d'Azur	Bouches-du-Rhône, Var	
	Bandol	148	Provence-Alpes-Côte d'Azur	Var	
Corsica		149	Corse	Corse-du-Sud, Haute-Corse	
Jura, Savoie, and Bugey		150-152	Franche Comté, Rhône Alpes	Jura, Ain, Savoie, Haute-Savoie	
<b>Italy</b>					
Northwest Italy	Piemonte, Valle d'Aosta, Liguria, Emilia-Romagna, Lombardia	156-157	Piemonte	<i>some sub-regions from some sub-regions from Emilia-Romagna and Lombardia, and all sub-regions from other regions</i>	
Piemonte	Barbaresco	158-159	Piemonte	<i>all sub-regions from the region mentioned</i>	
	Barolo	160-161	Piemonte	Cuneo	
		162-163	Piemonte	Cuneo	

Table 73 (cont.): Concordance of regions of France, Italy and Spain in the 2019 *World Atlas of Wine* with those in this book's database

Regions		2019 World Atlas of Wine		Database	
Regions	Subregions	Sub-regions	Pages	Regions	Subregions
<b>Italy (cont.)</b>					
Northeast Italy					
	Trentino and Alto Adige		166-167	Bolzano-Bozen, Trento, Veneto, Friuli-Venezia Giulia, Lombardia, Emilia-Romagna	<i>some sub-regions from Bolzano-Bozen, Trento, Emilia-Romagna and Lombardia, and all sub- regions from other regions</i>
	Verona		168-169	Veneto, Lombardia	<i>all sub-regions from the regions mentioned</i>
	Friuli		170-171	Friuli-Venezia Giulia	Verona, Vicenza, Brescia <i>not specified</i>
Central Italy					
	Maremma		172-173	Toscana, Umbria, Lazio, Marche, Abruzzo, Emilia-Romagna	<i>some sub-regions from Toscana, Umbria, Lazio, Marche, Abruzzo, Emilia-Romagna, and all sub-regions from other regions</i>
	Chianti Classico		174-175	Toscana	Livorno
	Montalcino		176-178	Toscana	Firenze, Siena
	Montepulciano		179	Toscana	Siena
	Umbria		180	Toscana	Siena
			181	Umbria, Lazio, Toscana	Perugia, Terni, Viterbo, Siena
				Sicilia, Sardegna,	Siena
				Molise, Puglia,	
				Campania, Basilicata,	
Southern Italy			182-183	Calabria	<i>all sub-regions from the regions mentioned</i>
	Sicily		184-185	Sicilia	<i>all sub-regions from Sicilia</i>
	Sardinia		186	Sardegna	<i>all sub-regions from Sardegna</i>

Table 73: Concordance of regions of France, Italy and Spain in the 2019 *World Atlas of Wine* with those in this book's database

		2019 World Atlas of Wine		Database	
Regions	Subregions	Sub-subregions	Pages	Regions	Subregions
<b>Spain</b>					
Others	The north		189-191	País Vasco, Castilla y León, Aragón	<i>not specified</i>
			189-190	País Vasco, Castilla y León, Aragón	<i>not specified</i>
			190-191	Comunidad Valenciana, Región de Murcia, Castilla-La Mancha	<i>not specified</i>
			191	Community of Madrid, Castilla-La Mancha, Extremadura	<i>not specified</i>
			191	Canarias	<i>not specified</i>
			192	Galicia	Galicia
			193	Galicia	Galicia
			194-195	Burgos, Segovia, Soria, Valladolid	
			196	Castilla y León	Valladolid, Zamora
			197	Comunidad Foral de Navarra	Comunidad Foral de Navarra
			198-199	La Rioja, País Vasco, Comunidad Foral de Navarra	La Rioja, Alava, Comunidad Foral de Navarra
			200-201	Cataluña	Barcelona, Girona, Lleida, Tarragona
			202	Priorat	Tarragona
			203-205	Almería, Granada, Jaén, Sevilla, Cádiz, Córdoba, Huelva, Málaga	
					Andalucía

Table 74: World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016  
 (final column indicates whether climate is cool, temperate, warm or hot)

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Town	Zone
<b>ALGERIA</b>									<b>Hot</b>
<b>ARGENTINA</b>									<b>Hot</b>
<b>Buenos Aires</b>									<b>Warm</b>
Balcarce									Warm
Benito Juárez									Warm
Cañuelas									Hot
Coronel Pringles									Warm
Coronel Suarez									Warm
Daireaux									Hot
De La Costa									Warm
General Belgrano									Hot
General Pueyrredón									Warm
Junín - Bs. As.									Hot
Saavedra									Warm
Tandil									Warm
Tornquist									Warm
Villa Gesell									Warm
Villarino									Hot
<b>Catamarca</b>									<b>Hot</b>
Ambato									Hot
Andalgala									Hot
Belen									Hot
Capayán									Hot
Cushamen									Cool
Poman									Hot
Santa María - Catamarca									Hot
Santa Rosa - Catamarca									Hot
Tinogasta									Hot
Valle Viejo									Hot
<b>Chubut</b>									<b>Cool</b>
Futaleufú									Hot
Languíneo									Hot
Sarmiento - Chubut									Hot
<b>Córdoba</b>									<b>Hot</b>
Calamuchita									Hot
Colón - Córdoba									Hot
Cruz del Eje									Hot
Ischilín									Hot
Punilla									Warm
San Alberto									Hot
San Javier									Hot
Santa María - Córdoba									Hot
Totoral									Hot
Tulumba									Hot
							map 330		
							18 Valle de Calamuchita	map 330	
							Jesús María		
							Cruz del Eje		
							Deán Funes		
							Cosquín		
							Villa Cura Brochero		
							Villa Dolores		
							Alta Gracia		
							Villa del Totoral		
							Villa Tulumba		

Table 74 (cont.) World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Zone	Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town
	<b>Entre Ríos</b>									
	Colón - Entre Ríos	224	9	36			<b>Hot</b>			
	Concordia	Concordia	Concordia	Concordia	224	5	6	Colón		Hot
Diamante	Diamante	Diamante	Diamante	Diamante	3	13	13	Concordia		Hot
Gualéguaychú	Gualéguaychú	Gualéguaychú	Gualéguaychú	Gualéguaychú	4	4	4	Diamante		Hot
Nogoyá	Nogoyá	Nogoyá	Nogoyá	Nogoyá	0	0	1	Gualéguaychú		Hot
Paraná	Paraná	Paraná	Paraná	Paraná	6	6	6	Paraná		Hot
Uruguay	Uruguay	Uruguay	Uruguay	Uruguay	0	0	0	Nogoyá		Hot
Victoria	Victoria	Victoria	Victoria	Victoria	1	0	0	Paraná		Hot
<b>Jujuy</b>					3	21	7	Victoria		Concepción del Uruguay
El Carmen	3	3	3	39		Concepción del Uruguay				
Humahuaca	Humahuaca	Humahuaca	Humahuaca	Humahuaca	5	5	5	Victoria		Concepción del Uruguay
Tilcara	Tilcara	Tilcara	Tilcara	Tilcara	2	13	13	Tilcara		Concepción del Uruguay
Tumbaya	Tumbaya	Tumbaya	Tumbaya	Tumbaya	0	0	0	Tumbaya		Concepción del Uruguay
<b>La Pampa</b>					122	217	243	<b>La Pampa</b>		Concepción del Uruguay
Curacó	Curacó	Curacó	Curacó	Curacó	3	3	3	Puelches		Concepción del Uruguay
Puelén	Puelén	Puelén	Puelén	Puelén	122	217	240	Puelén		Concepción del Uruguay
<b>La Rioja</b>					7328	7646	6611	<b>La Rioja</b>	339	Concepción del Uruguay
Arauco	Arauco	Arauco	Arauco	Arauco	26	5	5	Aimogasta		Concepción del Uruguay
Capital La Rioja	21	8	8	La Rioja		Concepción del Uruguay				
Castro Barros	219	206	245	Aminga		Concepción del Uruguay				
Chilecito	Chilecito	Chilecito	Chilecito	Chilecito	5810	6016	5356	Chilecito	339	Concepción del Uruguay
Coronel Felipe Varela	826	883	506	Villa Unión		Concepción del Uruguay				
Famatina	Famatina	Famatina	Famatina	Famatina	229	322	344	Famatina Valley	339	Concepción del Uruguay
General Lamadrid	45	74	60	Villa Castelli		Concepción del Uruguay				
San Blas De Los Sauces	45	46	41	San Blas de los Sauces		Concepción del Uruguay				
Sanagasta	Sanagasta	Sanagasta	Sanagasta	Sanagasta	3	11	12	Sanagasta		Concepción del Uruguay
Vinchina	Vinchina	Vinchina	Vinchina	Vinchina	75	75	48	Vinchina		Concepción del Uruguay
<b>Mendoza</b>					142414	158439	156099	<b>Mendoza</b>	341	Concepción del Uruguay
General Alvear	5675	5341	4028	General Alvear		Concepción del Uruguay				
Godoy Cruz	10	1	1	Godoy Cruz		Concepción del Uruguay				
Guaymallén	Guaymallén	Guaymallén	Guaymallén	Guaymallén	1101	955	630	Guaymallén		Concepción del Uruguay
Junín - Mendoza	11112	12058	11709	Junín		Concepción del Uruguay				
La Paz	369	409	300	La Paz		Concepción del Uruguay				
Las Heras	1640	1699	1529	Las Heras		Concepción del Uruguay				
Lavalle	Lavalle	Lavalle	Lavalle	Lavalle	12762	13969	13763	Villa Tulumaya		Concepción del Uruguay
Luján de Cuyo	10899	13990	15830	Luján de Cuyo	341	Concepción del Uruguay				
Maipú	Maipú	Maipú	Maipú	Maipú	11463	12343	12343	Maipú	341	Concepción del Uruguay
Malargüe	Malargüe	Malargüe	Malargüe	Malargüe	1	1	1	Malargüe		Concepción del Uruguay
Rivadavia - Mendoza	15919	16976	15618	Rivadavia		Concepción del Uruguay				
San Carlos - Mendoza	4220	7030	8676	San Carlos	341	Concepción del Uruguay				
San Martín - Mendoza	30344	31161	28869	San Martín	map 340	Concepción del Uruguay				
San Rafael	16109	15326	13620	San Rafael	341	Concepción del Uruguay				
Santa Rosa - Mendoza	11545	10012	9320	Santa Rosa	map 340	Concepción del Uruguay				
Tunuyán	Tunuyán	Tunuyán	Tunuyán	Tunuyán	4041	7241	9320	Tunuyán	341	Concepción del Uruguay
Tupungato	Tupungato	Tupungato	Tupungato	Tupungato	5935	8149	9852	Tupungato	341	Concepción del Uruguay

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Caingas	Caingas					7	Campo Grande			Hot
Capital Misiones	Capital Misiones					2	Posadas			Hot
Leandro Alem	Leandro Alem			0	1	1	Leandro N. Alem			Hot
Veinticinco de Mayo - Misiones	Veinticinco de Mayo - Mis Veinticinco de Mayo - Mis			0	0	0	Alba Posse			Hot
<b>Neuquén</b>				<b>663</b>	<b>1628</b>	<b>1752</b>	<b>Neuquén</b>	<b>341</b>	Añelo	Warm
Añelo	Añelo			624	1504	1588			Chos Malal	Warm
Chos Malal	Chos Malal				2	6			Collón Cura	Temp.
Collon Cura	Collon Cura				5	5			Rivadavia - San Juan	Hot
Confluencia	Confluencia			39	93	126			San Martín - San Juan	Hot
Lacar	Lacar					1			Santa Lucia	Cool
Norquin	Norquin					1			Santa Lucia	Cool
Pehuenches	Pehuenches					3			Rincón de los Sauces	Warm
Picún Leufú	Picún Leufú					22			Picún Leufú	Warm
Picunches	Picunches					25			Las Lajitas	Temp.
<b>Río Negro</b>				<b>2660</b>	<b>2324</b>	<b>1546</b>	<b>Río Negro</b>	<b>341</b>	Viedma	Hot
Adolfo Alsina	Adolfo Alsina			Adolfo Alsina	10	67	98		Choele Choel	Warm
Avellaneda - Río Negro	Avellaneda - Río Negro			Avellaneda - Río Negro	443	224	154		San Carlos de Bariloche	Hot
Bariloche	Bariloche			Bariloche			1		General Conesa	Cool
Conesa	Conesa			Conesa	50	47	22		El Cuy	Hot
El Cuy	El Cuy			El Cuy	44	67	60		General Roca	Temp.
General Roca	General Roca			General Roca	2076	1879	1174		Río Colorado	Hot
Pichi Mahuida	Pichi Mahuida			Pichi Mahuida	38	41	38			Hot
<b>Salta</b>				<b>1862</b>	<b>2292</b>	<b>3243</b>	<b>Salta</b>	<b>339</b>	78 Cachi	Warm
Cachi	Cachi			Cachi	4	37	78 Cachi		map 339 Cafayate	Hot
Cafayate	Cafayate			Cafayate	1334	1608	241 Cafayate		La Viña	Hot
La Viña	La Viña			La Viña	4	5	5		General Sarmiento	Warm
Molinos	Molinos			Molinos	30	120	124 Molinos		Rodeo	Hot
San Carlos - Salta	San Carlos - Salta			San Carlos - Salta	495	522	624 San Carlos		Villa del Salvador	Hot
<b>San Juan</b>				<b>39812</b>	<b>38028</b>	<b>33771</b>	<b>San Juan</b>	<b>339</b>	339 San Carlos	Hot
Albardón	Albardón			Albardón	1238	839	711		General San Martín	Hot
Angaco	Angaco			Angaco	2328	1961	1774		Villa Aberastain	Hot
Calingasta	Calingasta			Calingasta	72	103	124 Calingasta Valley		339 Tambores	Temp.
Capital San Juan	Capital San Juan			Capital San Juan	17	11	2		San Juan	Hot
Caucete	Caucete			Caucete	6606	6443	5681		Cauete	Hot
Chimbas	Chimbas			Chimbas	823	765	612		Paula A. de Sarmiento	Hot
Iglesia	Iglesia			Iglesia	24	21	7		Rodeo	Temp.
Jachal	Jachal			Jachal	42	44			Huaco	Hot
Nueve de Julio	Nueve de Julio			Nueve de Julio	2675	2386	2138		Nueve de Julio	Hot
Pocito	Pocito			Pocito	3267	2670	2190		Villa Aberastain	Hot
Rawson	Rawson			Rawson	1584	1464	1156		Villa Krause	Hot
Rivadavia - San Juan	Rivadavia - San Juan			Rivadavia - San Juan	480	440	364		Rivadavia	Hot
San Martín - San Juan	San Martín - San Juan			San Martín - San Juan	3408	3361	2940		San Martín	Hot
Santa Lucia	Santa Lucia			Santa Lucia	1380	1209	989		Santa Lucia	Hot
Sarmiento - San Juan	Sarmiento - San Juan			Sarmiento - San Juan	6533	7522	7225		Media Agua	Hot
Ullum	Ullum			Ullum	889	580	525 Ullum		Villa Ibanez	Hot
Valle Fértil	Valle Fértil			Valle Fértil	25	13	0		San Agustín	Hot
Veinticinco de Mayo - San Juan	Veinticinco de Mayo - San Juan			Veinticinco de Mayo - San Veinticinco de Mayo - San	7423	7416	6586		Santa Rosa	Hot

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000 Zonda	2010 Zonda	2016 Zonda	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
<b>San Luis</b>										Hot
Ayacucho	Ayacucho	Ayacucho	Ayacucho	998	781	98	747 Zonda Valley	339	Bsilio Nievas	Hot
Capital San Luis	Capital San Luis	Capital San Luis	Capital San Luis	12	26	98			San Francisco del Monte c	Hot
Junín - San Luis	12	10	10			San Luis	Hot			
<b>Santiago del Estero</b>									Santa Rosa	Hot
Capital Santiago del Estero	2	2	2	2 Santiago del Este map 330	339	Santiago del Estero	Hot			
Tafí del Valle	Tafí del Valle	Tafí del Valle	Tafí del Valle	18	47	110 Tucumán	105 Tafí del Valle	map 339 Tafí del Valle		Warm
Trancas	ARMENIA AUSTRALIA	ARMENIA AUSTRALIA	ARMENIA AUSTRALIA	18	47	110 Tucumán	105 Tafí del Valle	map 339 Tafí del Valle		Warm
<b>AUSTRALIA</b>										Hot
Australian Capital Territory	Australian Capital Territory	Australian Capital Territory	Australian Capital Territory	15	109	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Warm
Canberra District (ACT)	Canberra District (ACT)	Canberra District (ACT)	Canberra District (ACT)	15	4	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Warm
New South Wales	Big Rivers - other	Big Rivers - other	Big Rivers - other	1015	629	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Warm
Central Ranges - other	110	105	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Warm			
Canberra District	Canberra District	Canberra District	Canberra District	110	378	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Warm
Cowra	Cowra	Cowra	Cowra	1015	227	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Gundagai	Gundagai	Gundagai	Gundagai	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Hastings River	Hastings River	Hastings River	Hastings River	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Hilltops	Hilltops	Hilltops	Hilltops	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Hunter	Hunter	Hunter	Hunter	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Hunter Valley - other	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot			
Mudgee	Mudgee	Mudgee	Mudgee	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Murray Darling (NSW)	Murray Darling (NSW)	Murray Darling (NSW)	Murray Darling (NSW)	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
New England Australia	New England Australia	New England Australia	New England Australia	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Northern Rivers - other	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot			
Northern Slopes	Northern Slopes	Northern Slopes	Northern Slopes	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Northern Slopes - other	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot			
Orange	Orange	Orange	Orange	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Perricoota	Perricoota	Perricoota	Perricoota	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Riverina	Riverina	Riverina	Riverina	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Shoalhaven Coast	Shoalhaven Coast	Shoalhaven Coast	Shoalhaven Coast	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
South Coast - other	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot			
Southern Highlands	Southern Highlands	Southern Highlands	Southern Highlands	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Southern NSW - other	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot			
Swan Hill (NSW)	Swan Hill (NSW)	Swan Hill (NSW)	Swan Hill (NSW)	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Tumbarumba	Tumbarumba	Tumbarumba	Tumbarumba	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Western Plains	Western Plains	Western Plains	Western Plains	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot
Western Plains - other	110	1427	14705 ARMENIA	151788 132435 AUSTRALIA	map 339 Trancas		Hot			
<b>Northern Territory</b>									Darwin	Hot
Queensland	Granite Belt	Granite Belt	Granite Belt	1984	758	535 Queensland	345			Hot
Queensland - other	Queensland - other	Queensland - other	Queensland - other	433	331	237 Granite Belt	345 Stanthorpe			Warm
				1207	187	237 Granite Belt	345 Stanthorpe			Hot

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
South Burnett	South Burnett	South Burnett	South Burnett	344	240	215	South Burnett	map 345	Murgon	Hot
<b>South Australia</b>							<b>65211 South Australia</b>	<b>350-357</b>		<b>Warm</b>
Adelaide Hills	Adelaide Hills	Adelaide Hills	Adelaide Hills	54997	71542	65211 South Australia	2967 Adelaide Hills	356	Lenswood	Warm
Adelaide Plains	Adelaide Plains	Adelaide Plains	Adelaide Plains	1811	3861	2967 Adelaide Hills	Elizabeth	586	Elizabeth	Hot
Barossa Valley	Barossa - other	Barossa Valley	Barossa Valley	7673	9763	8899 Barossa Valley	351-352 Nuriootpa	27		Warm
Barossa - other	Barossa - other	Barossa - other	Barossa - other	249	91	4200 Clare Valley	353 Clare			Warm
Clare Valley	Clare Valley	Clare Valley	Clare Valley	3617	4801	4726 Coonawarra	357 Coonawarra			Temp.
Coonawarra	Coonawarra	Coonawarra	Coonawarra	5985	871	864 Currency Creek	355 Milang			Warm
Currency Creek	Currency Creek	Currency Creek	Currency Creek	940	1799	1799 Eden Valley	352 Eden Valley			Warm
Eden Valley	Eden Valley	Eden Valley	Eden Valley	1224	1933	1799 Eden Valley	346			Hot
Far North - other	107	11	2				Warm			
Fleurieu - other	Fleurieu - other	Fleurieu - other	Fleurieu - other	510	187	323				Warm
Kangaroo Island	Kangaroo Island	Kangaroo Island	Kangaroo Island	34	89	95 Kangaroo Island	354 Parnadana			Warm
Langhorne Creek	Langhorne Creek	Langhorne Creek	Langhorne Creek	3737	5957	5282 Langhorne Creek	355 Langhorne Creek			Warm
Limestone Coast - other	7529	476	2113 Limestone Coast	346			Warm			
Lower Murray - other	145	260	856				Hot			
McLaren Vale	McLaren Vale	McLaren Vale	McLaren Vale	4695	6490	5995 McLaren Vale	354-355 McLaren Vale			Warm
Mount Benson	Mount Benson	Mount Benson	Mount Benson	299	233	257 Mount Benson	346 Mount Benson			Temp.
Mount Gambier	Mount Lofty Ranges - othe	Mount Lofty Ranges - othe	Mount Lofty Ranges - othe	488	468	186 Mount Gambier	346 Mount Gambier			Temp.
Mount Lofty Ranges - other	3226	5028	470 Mount Lofty Range	356			Warm			
Padthaway	Padthaway	Padthaway	Padthaway	18336	20009	3237 Padthaway	346 Padthaway			Warm
Riverland	Riverland	Riverland	Riverland	650 Robe	644	18774 Riverland	345 Renmark			Hot
Robe	Robe	Robe	Robe	328	414	181 Southern Fleurieu	346 Robe			Temp.
Southern Fleurieu	Southern Fleurieu	Southern Fleurieu	Southern Fleurieu	180	180	175 Southern Flinders Ranges	346 Victor Harbor			Warm
Southern Flinders Ranges	Southern Flinders Ranges	Southern Flinders Ranges	Southern Flinders Ranges	50	93	175 Southern Flinders Ranges	344 Gladstone			Hot
The Peninsula	The Peninsula	The Peninsula	The Peninsula	93	69	69 Wrattonbully	346 Maitland			Hot
Wrattonbully	Wrattonbully	Wrattonbully	Wrattonbully	2818	2478	2478 Wrattonbully	346 Naracoorte			Warm
<b>Tasmania</b>	<b>Tasmania</b>	<b>Tasmania</b>	<b>Tasmania</b>	680	1251	<b>1442 Tasmania</b>	<b>366 Launceston</b>	<b>358-363</b>	<b>Cool</b>	<b>Hot</b>
<b>Victoria</b>	<b>Alpine Valleys</b>	<b>Alpine Valleys</b>	<b>Alpine Valleys</b>	32310	25838	<b>22674 Victoria</b>	<b>358-363</b>	<b>358 Myrtleford</b>	<b>Hot</b>	<b>Hot</b>
Alpine Valleys/Beechworth	Alpine Valleys/Beechworth	Alpine Valleys/Beechworth	Alpine Valleys/Beechworth	803	705	258 Alpine Valleys	358 Alpine Valleys	358 Myrtleford	Warm	Warm
Beechworth	Beechworth	Beechworth	Beechworth	35	57	107 Beechworth	358 Beechworth			Temp.
Bendigo	Bendigo	Bendigo	Bendigo	607	771	610 Bendigo	360 Bendigo			Warm
Central Victoria - other	876	56	190 Central Victoria	360			Hot			
Geelong	Geelong	Geelong	Geelong	322	515	284 Geelong	360 Geelong			Warm
Gippsland	Gippsland	Gippsland	Gippsland	174	236	177 Gippsland	360 Lakes Entrance			Warm
Glenrowan	Glenrowan	Glenrowan	Glenrowan	1090	1612	179 Glenrowan	358 Glenrowan			Warm
Goulburn Valley	Goulburn Valley	Goulburn Valley	Goulburn Valley	424	506	1011 Goulburn Valley	360 Shepparton			Hot
Grampians	Grampians	Grampians	Grampians	Heathcote	Heathcote	511 Grampians	359 Ararat			Temp.
Heathcote	Heathcote	Heathcote	Heathcote	Henty	Henty	1245 1159 Heathcote	360 Heathcote			Warm
King Valley	King Valley	King Valley	King Valley	183	183	158 Henty	359 Hamilton			Temp.
Macedon Ranges	Macedon Ranges	Macedon Ranges	Macedon Ranges	Macdon Ranges	Macdon Ranges	1320 1336 King Valley	358 Whiffeld			Warm
Mornington Peninsula	224 140 Macedon Ranges	360 Woodend			Cool					
Murray Darling (VIC)	752 775 Mornington Penin	361 Hastings			Temp.					
North East Victoria - other	9214 Murray Darling	345 Mildura			Hot					
North West Victoria - other	74 76 North East Victoria	358			Warm					
						121 106	106			Hot

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages
Port Phillip - other	Port Phillip - other	Port Phillip - other	Port Phillip - other	129	68	520	Port Phillip	360
Pyrenees	Pyrenees	Pyrenees	Pyrenees	428	874	493	Pyrenees	359
Rutherglen	Rutherglen	Rutherglen	Rutherglen	793	853	398	Rutherford	358
Strathbogie Ranges	Strathbogie Ranges	Strathbogie Ranges	Strathbogie Ranges	79	369	627	Strathbogie Range	360
Sunbury	Sunbury	Sunbury	Sunbury	3725	3869	67	Sunbury	360
Swan Hill (VIC)	Swan Hill (VIC)	Swan Hill (VIC)	Swan Hill (VIC)	1717	1717	344	Swan Hill	Hot
Upper Goulburn	Upper Goulburn	Upper Goulburn	Upper Goulburn	245	384	344	Goulburn	Warm
Western Victoria - other	Western Victoria - other	Western Victoria - other	Western Victoria - other	110	73	62	Western Victoria	Temp.
Yarra Valley	Yarra Valley	Yarra Valley	Yarra Valley	2038	2440	359	Yarra Valley	Temp.
<b>Western Australia</b>				<b>9272</b>	<b>11346</b>	<b>8847</b>	<b>Western Australia</b>	<b>347-349</b>
Blackwood Valley	Blackwood Valley	Blackwood Valley	Blackwood Valley	501	249	304	Blackwood Valley	Warm
Central Western Australia	Central Western Australia	Central Western Australia	Central Western Australia	70	62	16	Northam	Hot
Eastern Plains, Inland and North WA	Eastern Plains, Inland and North WA	Eastern Plains, Inland and Eastern Plains, Inland and	Geographic	39	25	2	Nyabing	Hot
Geographic	Geographic	Geographic	Geographic	480	1181	338	Geographe	Hot
Great Southern	Great Southern	Great Southern	Great Southern	2391	2804	1886	Great Southern	Warm
Greater Perth - other	Greater Perth - other	Greater Perth - other	Greater Perth - other	395	36	168	Perth	Hot
Manjimup	Manjimup	Manjimup	Manjimup	179	54	348	Manjimup	Warm
Margaret River	Margaret River	Margaret River	Margaret River	3401	4894	4816	Margaret River	Warm
Peel	Peel	Peel	Peel	96	36	349	Mandurah	Hot
Pemberton	Pemberton	Pemberton	Pemberton	622	332	348	Pemberton	Warm
Perth Hills	Perth Hills	Perth Hills	Perth Hills	316	295	114	Perth Hills	Hot
South West Australia - oth	South West Australia - oth	South West Australia - oth	South West Australia - oth	802	101	41	Mundaring	Hot
Swan District	Swan District	Swan District	Swan District	812	784	720	Swan District	Hot
Western Australia Southea	Western Australia Southea	Western Australia Southea	Western Australia Southea	65	19	20	Upper Swan	Warm
<b>AUSTRIA</b>				<b>48496</b>	<b>45533</b>	<b>45439</b>	<b>AUSTRIA</b>	<b>254-261</b>
<b>Burgenland</b>				<b>14540</b>	<b>13842</b>	<b>12249</b>	<b>Burgenland</b>	<b>260-261</b>
Mittelburgenland	Mittelburgenland	Mittelburgenland	Mittelburgenland	140	1897	1809	Mittelburgenland	Temp.
Neusiedlersee	Neusiedlersee	Neusiedlersee	Neusiedlersee	906	906	7098	Neusiedlersee	Temp.
Neusiedlersee Hügelland	Neusiedlersee Hügelland	Neusiedlersee Hügelland	Neusiedlersee Hügelland	3907	3907	2835	Neusiedlersee-Hüg	Temp.
Stüdburgenland	Stüdburgenland	Stüdburgenland	Stüdburgenland	2368	2368	419	Stüdburgenland	Temp.
<b>Niederösterreich</b>				<b>29975</b>	<b>27184</b>	<b>28240</b>	<b>Niederösterreich</b>	<b>254</b>
Bergland	Niederösterreich	Niederösterreich	Bergland	140	140	140	Melk	Temp.
Carnuntum			Carnuntum	906	906	254	Stixneusiedl	Temp.
Kamptal			Kamptal	3907	3907	258-259	Langenlois	Temp.
Kremstal			Kremstal	2368	2368	258-259	Krems	Cool
Thermenregion			Thermenregion	2182	2182	254-255	Baden	Temp.
Traisental			Traisental	815	815	254	Traisen	Temp.
Wachau			Wachau	1344	1344	256-257	Wachau	Cool
Wagram			Wagram	2720	2720	254	Wagram	Temp.
Weinviertel			Weinviertel	13858	13858	254	Tulln	Temp.
<b>Steiermark</b>			Steiermark	3283	3867	4324	<b>Steiermark</b>	<b>255</b>
Steiermark - other	Steiermark - other	Steiermark - other	Steiermark	0	0	0	Steiermark	Temp.
Südsteiermark	Südsteiermark	Südsteiermark	Südsteiermark	2162	2162	255	Kirche im Sausal	Cool
Vulkanland Steiermark	Vulkanland Steiermark	Vulkanland Steiermark	Vulkanland Steiermark	1623	1623	255	Klöch	Temp.
Weststeiermark	Weststeiermark	Weststeiermark	Weststeiermark	538	538	255	Stainz	Temp.
<b>Wien and other regions</b>	<b>Wien and other regions</b>	<b>Wien and other regions</b>	<b>Wien</b>	<b>699</b>	<b>640</b>	<b>626</b>	<b>Wien</b>	<b>254 Wien</b>
Wien						581	Wien	

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Other regions			Other regions			45				
<b>BRAZIL</b>	<b>BRAZIL</b>	<b>BRAZIL</b>	<b>BRAZIL</b>	<b>52840</b>	<b>49412</b>	<b>33205</b>	<b>BRAZIL</b>	<b>331</b>	Bento Gonçalves	Temp. Hot
<b>BULGARIA</b>	<b>BULGARIA</b>	<b>BULGARIA</b>	<b>BULGARIA</b>	<b>95997</b>	<b>56133</b>	<b>52974</b>	<b>BULGARIA</b>	<b>274-275</b>		Warm
North Central	North Central	North Central		3868	3962	Danubian Plain (c)	Svishov	274		Warm
Northeast	Northeast	Northeast		5837	6858	Danubian Plain (e)	Dobrich	274		Warm
Northwest	Northwest	Northwest		5830	4169	Danubian Plain (w)	Vidin	274		Warm
South Central	South Central	South Central		17466	16720	Thracian Lowland	Plovdiv	274		Warm
Southeast	Southeast	Southeast		19533	18725	Thracian Lowland	Melnik	274		Warm
Southwest	Southwest	Southwest		3599	2540	Thracian Lowland	Burgas	274		Warm
<b>CAMBODIA</b>	<b>CAMBODIA</b>	<b>CAMBODIA</b>	<b>CAMBODIA</b>	<b>8498</b>	<b>10096</b>	<b>12600</b>	<b>CANADA</b>	<b>291-293</b>	Phnom Penh	Hot
<b>CANADA</b>	<b>CANADA</b>	<b>CANADA</b>	<b>CANADA</b>	3995	4152	British Columbia	British Columbia	292	Summerland	Cool
British Columbia	British Columbia	British Columbia		325	325	Nova Scotia	Nova Scotia	291	Port Williams	Cool
Nova Scotia	Nova Scotia	Nova Scotia		6102	6530	Ontario	St Catharines	293		Temp.
Ontario	Ontario	Ontario		384	384	Quebec	Quebec	291	Quebec	Cool
Quebec	Quebec	Quebec	Other regions	1209						Temp.
<b>CHILE</b>	<b>CHILE</b>	<b>CHILE</b>	<b>CHILE</b>	<b>113966</b>	<b>111525</b>	<b>145873</b>	<b>CHILE</b>	<b>333-337</b>	Antofagasta	Warm
Antofagasta	Antofagasta	Antofagasta		5	12	65	Araucania	333	Temuco	Hot
Araucania	Araucania	Araucania		15			Arica		Arica	Cool
Arica	Arica	Arica		797	12	567	Atacama	333	Copiapó	Hot
Atacama	Atacama	Atacama		2155	11076	Coquimbo	Coquimbo	333	Ovalle	Warm
Coquimbo	Coquimbo	Coquimbo		27					Puerto Montt	Warm
De Los Lagos	De Los Lagos	De Los Lagos		6					Chillan	Cool
Del Bio Bio	Del Bio Bio	Del Bio Bio		13747	3420	12093	Bio Bío	333	Curicó	Temp.
Del Maule	Del Maule	Del Maule		45053	49014	52962	Maule	333	Santiago	Warm
Metropolitana	Metropolitana	Metropolitana		9453	12214	12908	Metropolitana	333	San Fernando	Hot
O'Higgins	O'Higgins	O'Higgins		29044	36170	46337	Liberador	333	Iquique	Warm
Tarapaca	Tarapaca	Tarapaca		2					Casablanca	Hot
Valparaiso	Valparaiso	Valparaiso		4783	8522	9816	Valparaíso	388-390		Warm
<b>CHINA</b>	<b>CHINA</b>	<b>CHINA</b>	<b>CHINA</b>	<b>29545</b>	<b>178000</b>	<b>178000</b>	<b>CHINA</b>	<b>388-390</b>		Hot
Beijing	Beijing	Beijing		3067			Beijing	388	Beijing	Temp.
Gansu	Gansu	Gansu		4987			Gansu	390	Lanzhou	Warm
Ningxia	Ningxia	Ningxia		11152			Ningxia	390	Yinchuan	Hot
Shandong	Shandong	Shandong		67			Shandong	389	Qingdao	Hot
ShanXi	ShanXi	ShanXi		547			Shanxi	390	Taiyuan	Warm
Sichuan	Sichuan	Sichuan		533			Sichuan	388	Chengdu	Hot
Tianjin	Tianjin	Tianjin		400			Tianjin	388	Tianjin	Hot
Xinjiang	Xinjiang	Xinjiang		3133			Xinjiang	390	Ürümqi	Warm
Yantai	Yantai	Yantai		4373			Yantai	388	Yantai	Hot
Other regions	Other regions	Other regions		1287						Warm
<b>CROATIA</b>	<b>CROATIA</b>	<b>CROATIA</b>	<b>CROATIA</b>	<b>59448</b>	<b>20754</b>	<b>11746</b>	<b>CROATIA</b>	<b>270-271</b>		Warm
Dalmatinska Zagora	Dalmatinska Zagora	Dalmatinska Zagora		602			Dalmatinska Zagora	270	Sinj	Warm
Hrvatsko Primorje	Hrvatsko Primorje	Hrvatsko Primorje		210			Hrvatsko Primorje	270	Rijeka	Hot
Istra	Istra	Istra		3083			Istra	270	Novigrad	Hot
Jadranska Hrvatska	Jadranska Hrvatska	Jadranska Hrvatska		5308			Continental Croatia	270		Warm
Kontinentalna Hrvatska	Kontinentalna Hrvatska	Kontinentalna Hrvatska		6438			Continental Croatia	270		Warm
Moslavina	Moslavina	Moslavina		228			Moslavina	map 267	Kutina	Warm

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Plesivica	Plesivica			452			Plesivica	270	Plesivica	Temp.
Podunavlje	Podunavlje			3206			Hrvatsko Podunav	map 267	Bilje	Warm
Pokuplje	Pokuplje			41			Pokuplje	map 267	Karlovac	Temp.
Prigorje - Bilogora	Prigorje - Bilogora			791			Prigorje - Bilogora	map 267	Bjelovar	Warm
Sjeverna Dalmacija	Sjeverna Dalmacija			2333			Sjeverna Dalmacija	270	Zadar	Hot
Slavonija	Slavonija			3307			Slavonija	270	Virovitica	Warm
Srednja Juzna Dalmacija	Srednja Juzna Dalmacija			2972			Srednja i Juzna D	270	Split	Hot
Zagonje-Medimurje	Zagonje-Medimurje			1266			Zagonje-Medimurje	map 267	Krapina	Temp.
Other regions	Other regions			2263					Warm	
CYPRUS	CYPRUS			18282	8608		5133 CYPRUS	284	Doros	Hot
CZECHIA	CZECHIA			11331	16242		13600 CZECHIA	266		Temp.
Cechy	Cechy			785	248		Bohemia	266	Kutná Hora	Cool
Jihovýchod	Jihovýchod			12800	12800			Znojmo		Temp.
Morava	Morava			15457	268		Moravia	266	Břeclav	Temp.
Praha	Praha				10		Prague	Most	Prague	Cool
Severozápad	Severozápad				274					Temp.
ETHIOPIA	ETHIOPIA			864846	835554	814882	FRANCE	50-152	Addis Ababa	Warm
FRANCE	FRANCE			15128	16179	16804	Alsace	124-127		Temp.
Alsace	Alsace				6971		Bas-Rhin	map 53	Sélestat	Temp.
Bas-Rhin	Bas-Rhin				9208		Haut-Rhin	map 53	Colmar	Temp.
Aquitaine	Aquitaine			150349	148431	144314		1010		Temp.
Aquitaine except Gironde	Aquitaine except Gironde			25732					Warm	
Dordogne	Dordogne				13820		Dordogne	113	Bergerac	Temp.
Gironde	Gironde			124617	123023		Bordeaux	84-112	Mérignac	Temp.
Landes	Landes				2107		Landes	map 53	Villeneuve-de-Marsan	Temp.
Lot-et-Garonne	Lot-et-Garonne				6846		Lot-et-Garonne	map 53	Buzet	Warm
Pyrénées-Atlantiques	Pyrénées-Atlantiques				2635		Pyrénées-Atlantique	map 53	Pau	Warm
Auvergne	Auvergne			1096	1692					
Allier	Allier				717		Allier	123	St Pouën sur St Oï	Temp.
Cantal	Cantal				11		Cantal	map 53	Aurillac	Cool
Haute-Loire	Haute-Loire				83		Haute-Loire	map 53	Le Puy	Cool
Puy-de-Dôme	Puy-de-Dôme				881		Puy-de-Dôme	map 53	Clermont-Ferrand	Temp.
Bourgogne	Bourgogne			29941	32134	32673		50-57	Dijon	Temp.
Côte-d'Or	Côte-d'Or				9683		Côte d'Or	map 53	Cosne-Cours-sur-Loire	Temp.
Nievre	Nievre				1719		Nievre	map 53	Mâcon	Temp.
Saône-et-Loire	Saône-et-Loire				13509		Saône-et-Loire	map 53	Châlon	Temp.
Yonne	Yonne				7224		Yonne	map 53	Chablis	Temp.
Centre-Val de Loire	Centre-Val de Loire			22316	23365	22463				
Cher	Cher				4182		Cher	map 53	Bourges	Temp.
Eure-et-Loire	Eure-et-Loire				0		Eure-et-Loire	map 53	Chartres	Cool
Indre	Indre				980		Indre	map 53	Châteauroux	Temp.
Indre-et-Loire	Indre-et-Loire				10421		Indre-et-Loire	map 53	Tours	Temp.
Loir-et-Cher	Loir-et-Cher				309		Loir-et-Cher	map 53	Orléans	Temp.
Champagne-Ardenne	Champagne-Ardenne			28671	30599	34332	Aube	map 53	Blois	Cool
Aube	Aube				7870			map 53	Fontette	Cool

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone	
Hauts-Marne	Haute-Marne				114		Haute-Marne	map 53	Chamont	Cool	
Marne	Marne				22615		Marne	map 53	Reims	Cool	
<b>Corse</b>	<b>Corse</b>			<b>6992</b>	<b>6529</b>	<b>6660</b>	<b>Corsica</b>	<b>149</b>	Ajaccio Bastia	<b>Warm</b>	
Corse-du-Sud	Corse-du-Sud				968					Hot	
Haute-Corse	Haute-Corse				5561					Warm	
<b>Franche Comté</b>	<b>Franche Comté</b>			<b>2020</b>	<b>2490</b>	<b>1819</b>	Doubs	map 53	Besançon	<b>Temp.</b>	
Doubs	Doubs				51		Haute-Saône	map 53	Vesoul	Temp.	
Haute-Saône	Haute-Saône				172		Jura	map 53	Lons-le-Saunier	Temp.	
Jura	Jura				2267					Cool	
<b>Île de France</b>	<b>Île de France</b>			<b>Île de France</b>	<b>26</b>	<b>82</b>	<b>4</b>	<b>Seine-et-Marne</b>	<b>map 53</b> La Ferté-sous-Jouarre	<b>Cool</b>	
Seine-et-Marne	Seine-et-Marne			Seine-et-Marne	26	82				Warm	
<b>Languedoc Roussillon</b>	<b>Languedoc Roussillon</b>			<b>Languedoc Roussillon</b>	<b>295708</b>	<b>254039</b>	<b>245964</b>	Aude	map 53	Carcassonne	
Aude	Aude			Aude	85270	72058		Gard	map 53	Nîmes	
Gard	Gard			Gard	67133	59210		Hérault	map 53	Béziers	
Hérault	Hérault			Hérault	105647	93944		Lozère	map 53	Mende	
Lozère	Lozère			Lozère		11		Pyrénées-Orientales	map 53	Perpignan	
Pyrénées-Orientales	Pyrénées-Orientales			Pyrénées-Orientales	37659	28817				Temp.	
<b>Limousin</b>	<b>Limousin</b>			<b>Limousin</b>	<b>50</b>	<b>287</b>	<b>83</b>	Corrèze	map 53	Tulle	Temp.
Corrèze	Corrèze			Corrèze		287		Corrèze	map 53	Tulle	Temp.
Corrèze, Haute-Vienne	Corrèze, Haute-Vienne			Corrèze, Haute-Vienne	50					Cool	
<b>Lorraine</b>	<b>Lorraine</b>			<b>Lorraine</b>	<b>184</b>	<b>341</b>	<b>211</b>	Meurthe-et-Mosel	map 53	Nancy	Cool
Meurthe-et-Moselle	Meurthe-et-Moselle			Meurthe-et-Moselle				Meuse	map 53	Toul	Cool
Meuse	Meuse			Meuse		45		Moselle	map 53	Metz	Temp.
Moselle	Moselle			Moselle		94		Vosges	map 53	Épinal	Cool
Vosges	Vosges			Vosges		42				Warm	
<b>Midi Pyrénées</b>	<b>Midi Pyrénées</b>			<b>Midi Pyrénées</b>	<b>38786</b>	<b>39065</b>	<b>36827</b>	Ariège	map 53	Foix	Warm
Midi Pyrénées except Gers	Midi Pyrénées except Gers			Midi Pyrénées except Gers	18872	18872		Ariège	map 53	Foix	Temp.
Ariège	Ariège			Ariège		133		Aveyron	map 53	Estaigne	Temp.
Aveyron	Aveyron			Aveyron		884		Gers	map 53	Auch	Temp.
Gers	Gers			Gers	19913	18897		Haute-Garonne	map 53	Toulouse	Warm
Haute-Garonne	Haute-Garonne			Haute-Garonne		1993		Hauts-Pyrénées	map 53	Tarbes	Warm
Hauts-Pyrénées	Hauts-Pyrénées			Hauts-Pyrénées		680		Lot	map 53	Cahors	Temp.
Lot	Lot			Lot		5571		Tarn	map 53	Gaillac	Temp.
Tarn	Tarn			Tarn		7087		Tarn-et-Garonne	map 53	Montauban	Temp.
Tarn-et-Garonne	Tarn-et-Garonne			Tarn-et-Garonne		3821		Tarn-et-Garonne	map 53	Tarn-et-Garonne	Temp.
<b>Pays de la Loire</b>	<b>Pays de la Loire</b>			<b>Pays de la Loire</b>	<b>37882</b>	<b>38593</b>	<b>35844</b>	Loire-Atlantique	map 53	Nantes	Temp.
Pays de la Loire except Mayenne	Pays de la Loire except Mayenne			Pays de la Loire except Mayenne				Maine-et-Loire	map 53	Angers	Temp.
Loire-Atlantique	Loire-Atlantique			Loire-Atlantique				Mayenne	map 53	Laval	Temp.
Maine-et-Loire	Maine-et-Loire			Maine-et-Loire				Sarthe	map 53	Le Mans	Temp.
Mayenne	Mayenne			Mayenne				Vendée	map 53	La Roche-sur-Yon	Temp.
Sarthe	Sarthe			Sarthe						Cool	
Vendée	Vendée			Vendée						Temp.	
<b>Picardie</b>	<b>Picardie</b>			<b>Picardie</b>	<b>2340</b>	<b>3229</b>	<b>2242</b>	Aisne	map 53	Soissons	Temp.
Aisne	Aisne			Aisne	2340	3229				Temp.	
<b>Poitou Charentes</b>	<b>Poitou Charentes</b>			<b>Poitou Charentes</b>	<b>80809</b>	<b>85310</b>	<b>85808</b>	Charente	map 53	Angoulême	Temp.
Charente	Charente			Charente	38514	41093		Charente-Maritime	map 53	La Rochelle	Temp.
Charente-Maritime	Charente-Maritime			Charente-Maritime	40321	40790				Temp.	

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Deux-Sèvres	Deux-Sèvres	Deux-Sèvres	Deux-Sèvres	1973	2199	2199	Vienne	map 53	Thousands	Temp.
Deux-Sèvres, Vienne			Vienne					map 53	Poitiers	Temp.
Vienne								map 53		Temp.
<b>Provence-Alpes-Côte d'Azur</b>								<b>Hot</b>		Hot
Alpes-de-Haute-Provence										Warm
Alpes-Maritimes										Warm
Bouches-du-Rhône	Bouches-du-Rhône	Bouches-du-Rhône	Alpes-Maritimes	95392	98921	96470	Alpes-de-Haute-Pi	map 53	Pierrevet	Temp.
Hauts-Alpes			Alpes-Maritimes	1082	152	Alpes-Maritimes	Alpes-de-Haute-Pi	map 53	Nice	Temp.
Var	Var	Var	Bouches-du-Rhône	11089	11663	Bouches-du-Rhône	Bouches-du-Rhône	map 53	Aix-en-Provence	Temp.
Vaucluse	Vaucluse	Vaucluse	Hauts-Alpes		232	Hauts-Alpes	Hauts-Alpes	map 53	Gap	Cool
<b>Rhône Alpes</b>										Hot
Rhône-Alpes except Ardeche										Hot
Ain	Ain	Ain		31913	54117	51354	Var	map 53	Toulon	Hot
Ardeche	Ardeche	Ardeche		51801	54117	51354	Vaucluse	map 53	Avignon	Hot
Drome	Drome	Drome								Hot
Haute-Savoie			Haute-Savoie							Hot
Isere	Isere	Isere								Hot
Loire	Loire	Loire								Hot
Rhone	Rhone	Rhone								Hot
Savoie	Savoie	Savoie								Hot
<b>GEORGIA</b>										Hot
<b>GERMANY</b>										Hot
Ahr	Ahr	Ahr	GERMANY	37419	48001	48000	GEORGIA	278-279	Telavi	Temp.
Baden	Baden	Baden	GERMANY	104233	102135	94501	GERMANY	223-247		Temp.
Franken	Franken	Franken	GERMANY	520	562	522	GERMANY	226	Ahrweiler	Cool
Hessische Bergstraße	Hessische Bergstraße	Hessische Bergstraße	GERMANY	15554	15836	14666	GERMANY	244-245	Baden-Baden	Cool
Mittelrhein	Mittelrhein	Mittelrhein	GERMANY	5993	6104	5796	GERMANY	246-247	Würzburg	Cool
Mosel	Mosel	Mosel	GERMANY	456	427	414	GERMANY	223	Bensheim	Temp.
Nahe	Nahe	Nahe	GERMANY	572	458	429	GERMANY	225	Bad Ems	Cool
Pfalz	Pfalz	Pfalz	GERMANY	11521	8976	8137	GERMANY	227-233	Mitternheim	Cool
Rheingau	Rheingau	Rheingau	GERMANY	4604	4163	3897	GERMANY	234-235	Schloßböckelheim	Cool
Rheinhessen	Rheinhessen	Rheinhessen	GERMANY	23342	23467	21541	GERMANY	241-243	Bad Dürkheim	Temp.
Saale	Saale	Saale	GERMANY	3217	3062	2962	GERMANY	236-237	Geisenheim	Cool
Sachsen	Sachsen	Sachsen	GERMANY	26385	26480	24117	GERMANY	238-240	Worms	Temp.
Württemberg	Württemberg	Württemberg	GERMANY	618	704	695	GERMANY	225	Naumburg	Cool
<b>GREECE</b>				409	461	466	GERMANY	225	Dresden	Temp.
Anatoliki Makedonia, Thraki	Anatoliki Makedonia, Thraki	Anatoliki Makedonia, Thraki	GREECE	11042	11435	10859	Württemberg	245	Stuttgart	Cool
Attiki	Attiki	Attiki	GREECE	50915	54390	50845	GREECE	280-283		Hot
Dytiki Ellada	Dytiki Ellada	Dytiki Ellada	GREECE	384	1234	1706	Anatoliki Makedonia	1706	Maronia	Hot
Dytiki Makedonia	Dytiki Makedonia	Dytiki Makedonia	GREECE	6112	5599	5957	Attica	5957	Athens	Hot
Ionia Nisia	Ionia Nisia	Ionia Nisia	GREECE	8031	6484	7043	Dytiki Ellada	7043	Patras	Hot
Ipeiros	Ipeiros	Ipeiros	GREECE	1690	2083	1824	Dytiki Makedonia	1824	Amideo	Hot
Kentriki Makedonia	Kentriki Makedonia	Kentriki Makedonia	GREECE	2707	2422	665	Ioni Nisia	665	Argostoli	Hot
Kriti	Kriti	Kriti	GREECE	632	559	153	Epirus	153	Zitsa	Hot
Notio Aigaio	Notio Aigaio	Notio Aigaio	GREECE	5312	7863	3115	Kentriki Makedonia	3115	Goumenissa	Hot
Peloponissos	Peloponissos	Peloponissos	GREECE	4124	3547	6767	Crete	6767	Iaklion	Hot
				8197	8134	2581	Notio Aigaio	2581	Patras	Hot
						8739	Peloponissos	8739	Nemea	Hot

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages
Sterea Ellada	Sterea Ellada	Sterea Ellada	Sterea Ellada	5991	6457	6291	Sterea Ellada	map 281 Halkida
Thessalia	Thessalia	Thessalia	Thessalia	3043	3415	3426	Thessaly	280 Rapsani
Voreio Aigaiο	Voreio Aigaiο	Voreio Aigaiο	Voreio Aigaiο	2196	2337	2578	Voreio Aigaiο	map 281 Limnos
<b>HUNGARY</b>	<b>HUNGARY</b>	<b>HUNGARY</b>	<b>HUNGARY</b>	<b>86886</b>	<b>69715</b>	<b>63881</b>	<b>HUNGARY</b>	<b>62-265</b>
Bádaszony	Bádaszony	Bádaszony	Bádaszony	1618	1382	1382	Bádaszony	263 Bádaszonytomaj
Balatonboglar	Balatonboglar	Balatonboglar	Balatonboglar	3305	3231	3231	Balatonboglar	263 Balatonboglár
Balatonfélvidek	Balatonfélvidek	Balatonfélvidek	Balatonfélvidek	1025	830	830	Balatonfélvidek	map 263 Monostorápti
Balatonfüred-Csopak	Balatonfüred-Csopak	Balatonfüred-Csopak	Balatonfüred-Csopak	2180	2032	2032	Balatonfüred-Csop	263 Balatonfüred
Bukk	Bukk	Bukk	Bukk	1055	1015	1015	Bukk	map 263 Miskolc
Csongrad	Csongrad	Csongrad	Csongrad	1513	1126	1126	Csongrad	262 Hodmezővásárhely
Eger	Eger	Eger	Eger	5509	5353	5353	Eger	262 Eger
Etyek-Budai	Etyek-Budai	Etyek-Budai	Etyek-Budai	1717	1513	1513	Etyek-Buda	263 Etyek
Hajos-Bajai	Hajos-Bajai	Hajos-Bajai	Hajos-Bajai	1982	1889	1889	Hajos-Baja	262 Baja
Kunsag	Kunsag	Kunsag	Kunsag	22263	20519	20519	Kunsag	262 Kecskemét
Matra	Matra	Matra	Matra	6294	6248	6248	Matra	263 Gyöngyös
Mor	Mor	Mor	Mor	730	573	573	Mor	263 Mör
Nagy-Somlo	Nagy-Somlo	Nagy-Somlo	Nagy-Somlo	598	553	553	Nagy-Somlo	map 263 Somlóvásárhely
Neszmely	Neszmely	Neszmely	Neszmely	1587	1077	1077	Neszmely	263 Neszmely
Pannonhalma	Pannonhalma	Pannonhalma	Pannonhalma	615	622	622	Pannonhalma	map 263 Pannonhalma
Pecs	Pecs	Pecs	Pecs	777	673	673	Pecs	263 Pecs
Sopron	Sopron	Sopron	Sopron	1919	1650	1650	Sopron	263 Sopron
Székszard	Székszard	Székszard	Székszard	2333	2183	2183	Székszard	262 Székszard
Tokaj	Tokaj	Tokaj	Tokaj	5994	5709	5709	Tokaj	264-265 Tokaj
Tolna	Tolna	Tolna	Tolna	2526	2399	2399	Tolna	262 Pakš
Villany	Villany	Villany	Villany	2582	2469	2469	Villany	262 Villány
Zala	Zala	Zala	Zala	1592	833	833	Zala	263 Nagykároly
<b>INDIA</b>	<b>INDIA</b>	<b>INDIA</b>	<b>INDIA</b>	<b>2700</b>	<b>INDIA</b>	<b>INDIA</b>	<b>INDIA</b>	<b>385 Nashik</b>
<b>ISRAEL</b>	<b>ISRAEL</b>	<b>ISRAEL</b>	<b>ISRAEL</b>	<b>4851</b>	<b>4851</b>	<b>5000</b>	<b>ISRAEL</b>	<b>287 Jerusalem</b>
<b>ITALY</b>	<b>ITALY</b>	<b>ITALY</b>	<b>ITALY</b>	<b>636662</b>	<b>625700</b>	<b>604551</b>	<b>ITALY</b>	<b>154-186</b>
<b>Abruzzo</b>	<b>Abruzzo</b>	<b>Abruzzo</b>	<b>Abruzzo</b>	<b>32773</b>	<b>32189</b>	<b>27138</b>	<b>Abruzzo</b>	<b>map 144</b>
Chieti	Chieti	Chieti	Chieti	25986	25989	Chieti	Chieti	map 173 Chieti
L'Aquila	L'Aquila	L'Aquila	L'Aquila	855	440	L'Aquila	L'Aquila	map 173 L'Aquila
Pescara	Pescara	Pescara	Pescara	3146	3159	Pescara	Pescara	map 173 Pescara
Teramo	Teramo	Teramo	Teramo	2785	2602	Teramo	Teramo	map 173 Teramo
<b>Basilicata</b>	<b>Basilicata</b>	<b>Basilicata</b>	<b>Basilicata</b>	<b>7076</b>	<b>4863</b>	<b>3827</b>	<b>Basilicata</b>	<b>183</b>
Matera	Matera	Matera	Matera	1645	1243	Matera	Matera	map 182 Matera
Potenza	Potenza	Potenza	Potenza	5431	3620	Potenza	Potenza	map 182 Potenza
<b>Calabria</b>	<b>Calabria</b>	<b>Calabria</b>	<b>Calabria</b>	<b>12655</b>	<b>9785</b>	<b>6509</b>	<b>Calabria</b>	<b>183</b>
Catanzaro	Catanzaro	Catanzaro	Catanzaro	1336	706	Catanzaro	Catanzaro	map 182 Catanzaro
Cosenza	Cosenza	Cosenza	Cosenza	5107	4162	Terre di Cosenza	Terre di Cosenza	183 Cosenza
Crotone	Crotone	Crotone	Crotone	3266	3229	Crotone	Crotone	map 182 Crotone
Reggio di Calabria	Reggio di Calabria	Reggio di Calabria	Reggio di Calabria	2101	1343	Reggio di Calabria	Reggio di Calabria	map 182 Reggio di Calabria
Vibo Valentia	Vibo Valentia	Vibo Valentia	Vibo Valentia	845	344	Vibo Valentia	Vibo Valentia	map 182 Vibo Valentia
<b>Campania</b>	<b>Campania</b>	<b>Campania</b>	<b>Campania</b>	<b>26720</b>	<b>23185</b>	<b>17217</b>	<b>Campania</b>	<b>182</b>
Avellino	Avellino	Avellino	Avellino	6287	5711	Avellino	Avellino	map 182 Avellino
Benevento	Benevento	Benevento	Benevento	10291	10488	Benevento	Benevento	map 182 Benevento
Caserta	Caserta	Caserta	Caserta	2964	2062	Caserta	Caserta	map 182 Caserta

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Napoli	Napoli			1956	1609	Napoli	map 182 Napoli	Hot		
Salerno	Salerno			5222	3315	Salerno	map 182 Salerno	Hot		
<b>Emilia-Romagna</b>				<b>55916</b>	<b>55796</b>	<b>58675</b>	<b>Emilia-Romagna</b>	<b>map 144</b>	<b>Hot</b>	<b>Hot</b>
Bologna	Bologna			7049	6845	Bologna	map 165 Bologna	Hot		
Ferrara	Ferrara			569	572	Ferrara	map 165 Ferrara	Hot		
Forlì-Cesena	Forlì-Cesena			6746	7017	Forlì	map 165 Forlì	Hot		
Modena	Modena			7585	7874	Modena	map 165 Modena	Hot		
Parma	Parma			574	736	Parma	map 165 Parma	Hot		
Piacenza	Piacenza			5568	5906	Piacenza	map 157 Piacenza	Warm		
Ravenna	Ravenna			16910	16388	Ravenna	map 165 Ravenna	Hot		
Reggio nell'Emilia	Reggio nell'Emilia			8263	8027	Reggio nell'Emilia	map 165 Reggio nell'Emilia	Hot		
Rimini	Rimini			2653	2431	Rimini	map 173 Rimini	Hot		
<b>Friuli-Venezia Giulia</b>				<b>17499</b>	<b>19250</b>	<b>19879</b>	<b>Friuli-Venezia Gi</b>	<b>map 144</b>	<b>Warm</b>	<b>Warm</b>
Gorizia	Gorizia			3474	4064	Gorizia	map 165 Gorizia	Warm		
Pordenone	Pordenone			6671	7695	Pordenone	map 165 Pordenone	Warm		
Trieste	Trieste			182	205	Trieste	map 165 Trieste	Hot		
Udine	Udine			7171	7285	Udine	map 171 Udine	Warm		
<b>Lazio</b>				<b>26844</b>	<b>16401</b>	<b>14968</b>	<b>Lazio</b>	<b>172</b>	<b>Hot</b>	<b>Hot</b>
Frosinone	Frosinone			4162	1877	Frosinone	map 173 Frosinone	Hot		
Latina	Latina			6045	3757	Latina	map 173 Latina	Hot		
Rieti	Rieti			1490	750	Rieti	map 173 Rieti	Warm		
Roma	Roma			10519	7061	Roma	map 173 Roma	Hot		
Viterbo	Viterbo			4628	2957	Viterbo	map 173 Viterbo	Warm		
<b>Liguria</b>				<b>1833</b>	<b>1538</b>	<b>1004</b>	<b>Liguria</b>	<b>157</b>	<b>Hot</b>	<b>Hot</b>
Genova	Genova			147	177	Genova	map 157 Genova	Hot		
Imperia	Imperia			454	414	Imperia	map 157 Imperia	Hot		
La Spezia	La Spezia			833	617	La Spezia	map 157 La Spezia	Hot		
Savona	Savona			399	329	Savona	map 157 Savona	Hot		
<b>Lombardia</b>				<b>21715</b>	<b>23089</b>	<b>23221</b>	<b>Lombardy</b>	<b>156</b>	<b>Warm</b>	<b>Warm</b>
Bergamo	Bergamo			881	804	Bergamo	map 157 Bergamo	Warm		
Brescia	Brescia			3904	6016	Brescia	map 157 Brescia	Warm		
Como	Como			18	23	Como	map 157 Como	Temp.		
Cremona	Cremona			39	65	Cremona	map 157 Cremona	Warm		
Lecco	Lecco			44	57	Lecco	map 157 Lecco	Temp.		
Lodi	Lodi			22	20	Lodi	map 157 Lodi	Warm		
Mantova	Mantova			1830	1803	Mantova	map 165 Mantova	Hot		
Milano	Milano			238	207	Milano	map 157 Milano	Hot		
Monza e della Brianza	Monza e della Brianza						map 157 Monza	Warm		
Pavia	Pavia			13734	13193	Pavia	map 157 Pavia	Warm		
Sondrio	Sondrio			987	874	Sondrio	map 157 Sondrio	Cool		
Varese	Varese			19	23	Varese	map 157 Varese	Temp.		
<b>Marche</b>				<b>15676</b>	<b>16745</b>	<b>14766</b>	<b>Marche</b>	<b>172</b>	<b>Warm</b>	<b>Warm</b>
Ancona	Ancona			4591	4739	Ancona	map 173 Ancona	Hot		
Ascoli Piceno	Ascoli Piceno			8211	6111	Ascoli Piceno	map 173 Ascoli Piceno	Hot		
Fermo	Fermo					Fermo	map 173 Fermo	Warm		
Macerata	Macerata			1482	2185	Macerata	map 173 Macerata	Warm		
Pesaro e Urbino	Pesaro e Urbino			1391	2004	Urbino	map 173 Urbino	Warm		

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
<b>Molise</b>		<b>Molise</b>		<b>5422</b>	<b>5154</b>	<b>3991</b>	<b>Molise</b>	<b>183</b>		Warm
Campobasso	Campobasso	Campobasso	Isernia	4858	4715		Campobasso	map 182 Campobasso		Warm
Isernia				563	439		Isernia	map 182 Isernia		Warm
<b>Piemonte</b>		<b>Piemonte</b>		<b>51999</b>	<b>46317</b>	<b>46327</b>	<b>Piemonte</b>	<b>158-159</b>		Warm
Alessandria	Alessandria	Alessandria	Asti	14873	12328		Alessandria	map 157 Alessandria		Warm
Asti				18016	15559		Asti	158 Asti		Warm
Biella	Biella	Biella		289	289		Biella	map 157 Biella		Temp.
Cuneo	Cuneo	Cuneo		16272	16065		Cuneo	map 157 Cuneo		Warm
Novara	Novara	Novara		575	535		Novara	map 157 Novara		Warm
Torino	Torino	Torino		1777	1313		Torino	157 Torino		Warm
Verbano-Cusio-Ossola	Verbano-Cusio-Ossola	Verbano-Cusio-Ossola		29	28		Domodossola	map 157 Domodossola		Cool
Vercelli	Vercelli	Vercelli		169	200		Vercelli	map 157 Vercelli		Warm
<b>Puglia</b>		<b>Puglia</b>		<b>84426</b>	<b>82760</b>	<b>94348</b>	<b>Puglia</b>	<b>183</b>		Hot
Bari	Bari	Bari		16954	7586		Bari	map 182 Bari		Hot
Barletta-Andria-Trani		Barletta-Andria-Trani			16241		Barletta	map 182 Barletta		Hot
Brindisi	Brindisi	Brindisi		13498	9677		Brindisi	183 Brindisi		Hot
Foggia	Foggia	Foggia		28797	25249		Foggia	map 182 Foggia		Hot
Lecce	Lecce	Lecce		10021	8379		Lecce	map 182 Lecce		Hot
Taranto	Taranto	Taranto		15156	15627		Taranto	map 182 Taranto		Hot
<b>Sardegna</b>		<b>Sardegna</b>		<b>25087</b>	<b>18465</b>	<b>17784</b>	<b>Sardinia</b>	<b>186</b>		Hot
Cagliari	Cagliari	Cagliari		8398	4563		Cagliari	map 186 Cagliari		Hot
Carbonia-Iglesias	Carbonia-Iglesias	Carbonia-Iglesias			1948		Carbonia Iglesias	map 186 Carbonia Iglesias		Hot
Medio Campidano	Medio Campidano	Medio Campidano			638		Medio Campidano	Sardara		Hot
Nuoro	Nuoro	Nuoro		7208	2401		Nuoro	map 186 Nuoro		Warm
Ogliastra	Ogliastra	Ogliastra			1605		Ogliastra	Baunei		Hot
Olbia-Tempio		Olbia-Tempio			2136		Olbia-Tempio	map 186 Olbia Tempio		Hot
Oristano	Oristano	Oristano		3250	2228		Oristano	map 186 Oristano		Hot
Sassari	Sassari	Sassari		6232	2946		Sassari	map 186 Sassari		Hot
<b>Sicilia</b>		<b>Sicilia</b>		<b>110862</b>	<b>104068</b>	<b>86725</b>	<b>Sicily</b>	<b>184-185</b>		Hot
Agrigento	Agrigento	Agrigento		19624	16781		Agrigento	map 184 Agrigento		Hot
Caltanissetta	Caltanissetta	Caltanissetta		5526	4170		Caltanissetta	map 184 Caltanissetta		Hot
Catania	Catania	Catania		3875	2990		Catania	map 184 Catania		Hot
Enna	Enna	Enna		586	278		Enna	map 184 Enna		Hot
Messina	Messina	Messina		2253	866		Messina	map 184 Messina		Hot
Palermo	Palermo	Palermo		16515	14569		Palermo	map 184 Palermo		Hot
Ragusa	Ragusa	Ragusa		1520	1381		Ragusa	map 184 Ragusa		Hot
Siracusa	Siracusa	Siracusa		1583	1383		Siracusa	map 184 Siracusa		Hot
Trapani	Trapani	Trapani		59078	61649		Trapani	map 184 Trapani		Hot
<b>Toscana</b>		<b>Toscana</b>		<b>45961</b>	<b>59839</b>	<b>57373</b>	<b>Toscana</b>	<b>178</b>		Hot
Arezzo	Arezzo	Arezzo		4887	7031		Arezzo	map 173 Arezzo		Warm
Firenze	Firenze	Firenze		15940	18362		Firenze	176 Firenze		Hot
Grosseto	Grosseto	Grosseto		3843	7438		Grosseto	map 173 Grosseto		Hot
Livorno	Livorno	Livorno		1214	2425		Livorno	map 173 Livorno		Hot
Lucca	Lucca	Lucca		728	1053		Lucca	map 173 Lucca		Hot
Massa-Carrara	Massa-Carrara	Massa-Carrara		275	759		Massa	map 157 Massa		Hot
Pisa	Pisa	Pisa		2386	3163		Pisa	map 173 Pisa		Hot
Pistoia	Pistoia	Pistoia		633	776		Pistoia	map 173 Pistoia		Hot

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages
Prato	Prato			335	509	Prato		map 173 Prato
Siena	Siena			15718	18323	Siena		map 173 Siena
<b>Trentino-Alto Adige</b>				<b>13624</b>	<b>15658</b>	<b>14151</b>		
Bolzano-Bozen	Bolzano-Bozen	Bolzano-Bozen	Bolzano-Bozen	4781	5282	4072	Bolzano	167 Bolzano-Bozen
Trento	Trento	Trento	Trento	8844	10377	10079	Trento	166 Trento
<b>Umbria</b>				<b>13588</b>	<b>12491</b>	<b>11768</b>	<b>Umbria</b>	<b>181</b>
Perugia	Perugia	Perugia	Perugia	8040	7620	Perugia		181 Perugia
Terni	Terni	Terni	Terni	5548	4871	Terni		map 173 Terni
<b>Valle d'Aosta</b>				<b>424</b>	<b>463</b>	<b>375</b>	<b>Valle d'Aosta</b>	<b>156 Aosta</b>
<b>Veneto</b>				<b>66864</b>	<b>77644</b>	<b>84505</b>	<b>Veneto</b>	<b>168</b>
Belluno	Belluno	Belluno	Belluno	9	52	Belluno		map 165 Belluno
Padova	Padova	Padova	Padova	6313	5850	Padova		map 165 Padova
Rovigo	Rovigo	Rovigo	Rovigo	258	363	Rovigo		map 165 Rovigo
Treviso	Treviso	Treviso	Treviso	24008	28580	Treviso		map 165 Treviso
Venezia	Venezia	Venezia	Venezia	6018	6604	Venezia		map 165 Venezia
Verona	Verona	Verona	Verona	23359	27750	Verona		168-169 Verona
Vicenza	Vicenza	Vicenza	Vicenza	6898	8445	Vicenza		Vicenza
<b>JAPAN</b>				<b>3715</b>	<b>3869</b>	<b>386-387</b>	<b>JAPAN</b>	<b>386-387</b>
Hokkaido	Hokkaido	Hokkaido	Hokkaido	835	868	Hokkaido		387 Sapporo
Iwate	Iwate	Iwate	Iwate	160	160			Morioka
Nagano	Nagano	Nagano	Nagano	754	754	Nagano		387 Nagano
Niigata	Niigata	Niigata	Niigata	62	62	Niigata		387 Niigata
Yamagata	Yamagata	Yamagata	Yamagata	392	414	Yamagata		387 Yamagata
Yamanashi	Yamanashi	Yamanashi	Yamanashi	632	1202	Yamanashi		387 Kofu
Other regions				1102	408			
<b>KAZAKHSTAN</b>				<b>6938</b>	<b>6938</b>	<b>6938</b>	<b>KAZAKHSTAN</b>	<b>6938</b>
Almaty	Almaty	Almaty	Almaty	4553	4553	4553	Almaty	Almaty
East Kazakhstan	East Kazakhstan	East Kazakhstan	East Kazakhstan	3	3	3	Ust'Kamenogorsk	Ust'Kamenogorsk
South Kazakhstan	South Kazakhstan	South Kazakhstan	South Kazakhstan	2162	2162	2162	Turkistan	Turkistan
West Kazakhstan	West Kazakhstan	West Kazakhstan	West Kazakhstan	2	2	2	Uralisk	Uralisk
Zhambyl	Zhambyl	Zhambyl	Zhambyl	217	217	217	Taraz	Taraz
Other regions				2	2	2		
<b>KOREA, REP.</b>				<b>5400</b>	<b>5400</b>	<b>5400</b>	<b>SOUTH KOREA</b>	<b>385 Seoul</b>
<b>LEBANON</b>							<b>LEBANON</b>	<b>4000 Lebanon</b>
<b>LUXEMBOURG</b>				<b>1348</b>	<b>1304</b>	<b>1300</b>	<b>LUXEMBOURG</b>	<b>286 Chitaura</b>
<b>MEXICO</b>				<b>5465</b>	<b>5465</b>	<b>5465</b>	<b>MEXICO</b>	<b>53 Luxembourg</b>
Aguascalientes	Aguascalientes	Aguascalientes	Aguascalientes	850	850	850	Baja California	327 Aguascalientes
Baja California	Baja California	Baja California	Baja California	2863	2863	2863	Coahuila	327 Guadalupe
Coahuila	Coahuila	Coahuila	Coahuila	279	279	279	Sonora	327 San Buenaventura
Sonora	Sonora	Sonora	Sonora	1164	1164	1164	Zacatecas	Hermosillo
Zacatecas	Zacatecas	Zacatecas	Zacatecas	309	309	309	Zacatecas	327 Zacatecas
<b>MOLDOVA</b>				<b>89844</b>	<b>89844</b>	<b>82600</b>	<b>MOLDOVA</b>	<b>276 Chisinau</b>
<b>MOROCCO</b>				<b>49600</b>	<b>49000</b>	<b>17590</b>	<b>MOROCCO</b>	<b>48 Meknes</b>
<b>MYANMAR</b>				<b>9942</b>	<b>31964</b>	<b>75</b>	<b>MYANMAR</b>	<b>70 MYANMAR/Burma</b>
<b>NEW ZEALAND</b>				<b>9942</b>	<b>31964</b>	<b>35463</b>	<b>NEW ZEALAND</b>	<b>385 Mandalay</b>
Auckland	Auckland	Auckland	Auckland	392	543	346	Auckland	367-375 Auckland
Canterbury	Canterbury	Canterbury	Canterbury	232	320	197	Canterbury	371 Christchurch

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages
Gisborne	Gisborne	Gisborne	Gisborne	1681	2149	1440	Gisborne	368
Hawkes Bay	Hawkes Bay	Hawkes Bay	Hawkes Bay	2443	4921	4638	Hawke's Bay	369
Marlborough	Marlborough	Marlborough	Marlborough	4054	18401	23452	Marlborough	372-374
Nelson	Nelson	Nelson	Nelson	203	813	1141	Nelson	368
Northland	Northland	Northland	Northland			57	Northland	368 Whangarei
Otago	Otago	Otago	Otago	280	1532	1942	Otago	375 Cromwell
Waikato	Waikato	Waikato	Waikato	119	147	16	Waikato	map 367 Hamilton
Waipara	Waipara	Waipara	Waipara	210	1442	1231	Waipara	371 Waipara
Wairarapa	Wairarapa	Wairarapa	Wairarapa	328	859	1003	Wairarapa	370 Martinborough
Other regions					836			Temp.
<b>NORTH MACEDONIA</b>								
<b>NORWAY</b>								
<b>PERU</b>								
Arequipa	Arequipa	PERU	PERU		13		267 Bitola	
Lima	Lima	Arequipa	Arequipa				Oslo	
Moquegua	Moquegua	Lima	Arequipa				330	
Tacna	Tacna	Moquegua	Arequipa				330 Arequipa	
<b>PORTUGAL</b>								
Acres	Acres	PORTUGAL	PORTUGAL					
Alentejo	Alentejo	Acres	Acres					
Algarve	Algarve	Alentejo	Acres					
Alto Tras-os-Montes	Alto Tras-os-Montes	Alentejo	Alentejo					
Beira Interior	Beira Interior	Algarve	Alentejo					
Beira Litoral	Beira Litoral	Alto Tras-os-Montes	Alentejo					
Centro	Centro	Alto Tras-os-Montes	Alentejo					
Entre Douro e Minho	Entre Douro e Minho	Beira Interior	Alentejo					
Lisboa	Lisboa	Beira Interior	Alentejo					
Madeira	Madeira	Beira Litoral	Alentejo					
Norte	Norte	Centro	Alentejo					
Ribeatejo e Oeste	Ribeatejo e Oeste	Entre Douro e Minho	Alentejo					
<b>ROMANIA</b>			Alentejo					
Bucuresti - Ilfov	Bucuresti - Ilfov	Ribeatejo e Oeste	Alentejo					
Centru	Centru	ROMANIA	Alentejo					
Nord-Est	Nord-Est	BUCURESTI	Alentejo					
Nord-Vest	Nord-Vest	ROMANIA	Alentejo					
Sud-Est	Sud-Est	Bucuresti - Ilfov	Alentejo					
Sud-Muntenia	Sud-Muntenia	Centru	Alentejo					
Sud-Vest Oltenia	Sud-Vest Oltenia	Nord-Est	Alentejo					
Vest	Vest	Nord-Vest	Alentejo					
<b>RUSSIA</b>								
Crimea	Crimea	ROMANIA	Alentejo					
Krasnodar Krai	Krasnodar Krai	BUCURESTI	Alentejo					
Rostov Oblast	Rostov Oblast	Centru	Alentejo					
<b>SERBIA</b>		Nord-Est	Alentejo					
Badka	Badka	Nord-Vest	Alentejo					
Banat	Banat	Sud-Est	Alentejo					
Belgrade	Belgrade	Sud-Vest Oltenia	Alentejo					
		Vest	Alentejo					
<b>RUSSIA</b>								
Crimea	Crimea	RUSSIA	Alentejo					
Krasnodar Krai	Krasnodar Krai	RUSSIA	Alentejo					
Rostov Oblast	Rostov Oblast	RUSSIA	Alentejo					
<b>SERBIA</b>		Rostov Oblast	Alentejo					
Badka	Badka	Rostov Oblast	Alentejo					
Banat	Banat	Rostov Oblast	Alentejo					
Belgrade	Belgrade	Rostov Oblast	Alentejo					

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	Town	Zone	Pages
Čačak-Kraljevo			Čačak-Kraljevo	65 Čačak-Kraljevo	Warm	map 267 Čačak
Knjaževac			Knjaževac	1077 Knjaževac	Temp.	map 267 Knjaževac
Leskovac			Leskovac	1451 Leskovac	Warm	map 267 Leskovac
Mlava			Mlava	815 Mlava	Warm	map 267 Požarevac
Negotinska Krajina			Negotinska Krajina	975 Negotinska Krajina	Warm	map 267 Negotin
Niš			Niš	1316 Niš	Warm	map 267 Niš
Nišava			Nišava	477 Nišava	Temp.	map 267 Bela Palanka
South Banat			South Banat	1722 Južni Banat	Warm	map 267 Bela Crkva
Srem			Srem	2142 Srem	Warm	map 267 Novi Sad
Subotica			Subotica	311 Subotica	Warm	map 267 Subotica
Šumadija			Šumadija	1118 Šumadija	Temp.	map 267 Kragujevac
Telečka			Telečka	115 Telečka	Warm	map 267 Sombor
Tisa			Tisa	261 Tisa	Warm	map 267 Senta
Toplica			Toplica	761 Toplica	Warm	map 267 Zitoradja
Tri Morave			Tri Morave	7544 Tri Morave	Warm	map 267 Krusevac
Valjevo			Valjevo	191 Cet-Vajlevo	Warm	map 267 Kočeljeva
Vranje			Vranje	419 Vranje	Temp.	map 267 Vranje
<b>SLOVAKIA</b>	<b>15580</b>	<b>12637</b>	<b>7748 SLOVAKIA</b>	<b>266</b>	<b>Temp.</b>	<b>266</b>
Bratislavský kraj			Bratislavský kraj	1571 Bratislava	Temp.	266 Bratislava
Juznoslovenska			Juznoslovenska	4141 Juznoslovenska	Temp.	266 Dunajská Streda
Malokarpatska			Malokarpatska	3683 Malokarpatska	Temp.	266 Modra
Nitrianska			Nitrianska	2652 Nitrianska	Temp.	266 Nitra
Stredné Slovensko			Stredné Slovensko	1155 780 Stredoslovenska	Temp.	266 Rimavská Sobota
Tokajská			Tokajská	453 Tokaj	Temp.	266 Čerhov
Východné Slovensko			Východné Slovensko	553 394 Východoslovensk	Temp.	266 Kraľovský Chlmec
Západné Slovensko			Západné Slovensko	5003 Nitra	Temp.	266 Nitra
<b>SLOVENIA</b>	<b>23472</b>	<b>16354</b>	<b>15989 SLOVENIA</b>	<b>268-269</b>	<b>Temp.</b>	<b>268-269</b>
Bela Krajina			Bela Krajina	369 Bela Krajina	Temp.	369 Bela Krajina
Bizeljsko Sremic			Bizeljsko Sremic	907 Bizeljsko Sremic	Temp.	878 Bizeljsko Sremic
Dolenjska			Dolenjska	1476 1600 Dolenjska	Temp.	1600 Dolenjska
Goriska brda			Goriska brda	1898 1803 Brda	Temp.	1803 Brda
Kras			Kras	593 582 Kras	Temp.	582 Kras
Prekmurje			Prekmurje	564 528 Prekmurje	Temp.	528 Prekmurje
Slovenska Istra			Slovenska Istra	1626 1840 Slovenska Istra	Temp.	1840 Slovenska Istra
Stajerska Slovenija			Stajerska Slovenija	6374 6113 Štajerska Slovenija	Temp.	6113 Štajerska Slovenija
Vipavská dolina			Vipavská dolina	2526 2276 Vipava Valley	Temp.	2276 Vipava Valley
Other regions				26 268 Nova Gorica	Temp.	268 Nova Gorica
<b>SOUTH AFRICA</b>	<b>93656</b>	<b>101016</b>	<b>95775 SOUTH AFRICA</b>	<b>378-384</b>	<b>Hot</b>	<b>378-384</b>
Bredekloof			Bredekloof	10385 12568	Hot	12893 Breedekloof
Cape South Coast			Cape South Coast	3168 2822	Hot	384 Cape South Coast
Little Karoo			Little Karoo	5025 5078	Hot	2443 Klein Karoo
Northern Cape			Northern Cape	9015 9997	Hot	4360 Northern Cape
Olifants River			Olifants River	17249 10018	Hot	10018 Olifants River
Paarl			Paarl	15280 Paarl	Hot	15280 Paarl
Robertson			Robertson	12227 14004	Hot	13227 Robertson
Stellenbosch			Stellenbosch	16112 17107	Hot	15339 Stellenbosch
Swartland			Swartland	13670 14224	Hot	12940 Swartland

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Worcester	Worcester	Worcester	Worcester	6805	8649	6618	Worcester	379	Worcester	Hot
<b>SPAIN</b>	<b>SPAIN</b>	<b>SPAIN</b>	<b>SPAIN</b>	<b>1181806</b>	<b>1028558</b>	<b>8835558</b>	<b>SPAIN</b>	<b>188-205</b>		<b>Hot</b>
<b>Andalucía</b>			<b>Andalucía</b>	<b>45557</b>	<b>31693</b>	<b>32054</b>	<b>Andalucía</b>	<b>203-205</b>		<b>Hot</b>
Almería, Granada, Jaén, Sevilla	Almería, Granada, Jaén, Sx Almería, Granada, Jaén, Sevilla	Cadiz	Cadiz	9635	6950	Almería, Granada, map 188	Granada	204	Jerez de la Frontera	Hot
Cadiz	Cordoba	Cordoba	Cordoba	9931	10156	Cadiz	Cordoba	map 188	Cordoba	Hot
Cordoba	Huelva	Huelva	Huelva	12777	8278	Huelva	Huelva	map 188	Huelva	Hot
Huelva	Malaga	Malaga	Malaga	6747	4230	6467	Malaga	203	Málaga	Hot
<b>Aragón</b>		<b>Aragón</b>		<b>49146</b>	<b>44571</b>	<b>33729</b>	<b>Aragón</b>	<b>map 188</b>		<b>Hot</b>
Huesca, Teruel	Huesca, Teruel	Zaragoza	Zaragoza	7599	9277	Huesca, Teruel	Huesca, Teruel	map 188	Huesca	Hot
Zaragoza	Canarias	Canarias	Canarias	41546	35294	Zaragoza	Zaragoza	map 188	Zaragoza	Hot
<b>Canarias</b>		<b>Canarias</b>		<b>13727</b>	<b>8653</b>	<b>10878</b>	<b>Canary Islands</b>	<b>191</b>	<b>Santa Cruz de Tenerife</b>	<b>Hot</b>
<b>Cantabria</b>	<b>Cantabria</b>		<b>Cantabria</b>	<b>39</b>	<b>50</b>	<b>106</b>	<b>Cantabria</b>	<b>map 188</b>	<b>Santander</b>	<b>Warm</b>
<b>Castilla y León</b>			<b>Castilla y León</b>	<b>74943</b>	<b>72566</b>	<b>72364</b>	<b>Castilla y León</b>	<b>map 188</b>		<b>Temp.</b>
Avila, Palencia, Salamanca, Segovia, So Avila, Palencia, Salamanca, Segovia, Soria	Burgos	Burgos	Burgos	13995	9154	Avila, Palencia, Sx	map 188	Salamanca		Temp.
Burgos	Leon	Leon	Leon	13264	16276	Burgos	Burgos	map 188	Burgos	Temp.
Leon	Valladolid	Valladolid	Valladolid	15964	12149	Tierra de Leon	Tierra de Leon	189	León	Temp.
Valladolid	Zamora	Zamora	Zamora	15837	22081	Valladolid	Valladolid	195	Valladolid	Warm
Zamora	<b>Castilla-La Mancha</b>		<b>Castilla-La Mancha</b>	<b>586811</b>	<b>495301</b>	<b>409969</b>	<b>Castilla-La Manch</b>	<b>map 188</b>		<b>Warm</b>
Albacete	Albacete	Albacete	Albacete	107563	96745	Albacete	Albacete	map 188	Albacete	<b>Hot</b>
Ciudad Real	Ciudad Real	Ciudad Real	Ciudad Real	206366	175764	Ciudad Real	Ciudad Real	map 188	Ciudad Real	Hot
Cuenca	Cuenca	Cuenca	Cuenca	97721	94883	Zamora	Zamora	map 188	Zamora	Warm
Guadalajara	Guadalajara	Guadalajara	Guadalajara	2827	2149	Cuende	Cuende	map 188	Cuende	Warm
Toledo	Toledo	Toledo	Toledo	172334	125760	Guadalajara	Guadalajara	map 188	Guadalajara	Warm
<b>Cataluña</b>			<b>Cataluña</b>	<b>64452</b>	<b>59516</b>	<b>51908</b>	<b>Catalunya</b>	<b>map 188</b>		<b>Hot</b>
Barcelona	Barcelona	Barcelona	Barcelona	24223	22339	Barcelona	Barcelona	map 188	Barcelona	Hot
Girona, Lleida	Girona, Lleida	Girona, Lleida	Girona, Lleida	7390	7560	Girona, Lleida	Girona, Lleida	map 188	Lleida	Hot
Tarragona	Tarragona	Tarragona	Tarragona	32839	29617	Tarragona	Tarragona	200	Reus	Hot
<b>Comunidad de Madrid</b>	<b>Comunidad de Madrid</b>	<b>Comunidad de Madrid</b>	<b>Comunidad de Madrid</b>	<b>17475</b>	<b>23963</b>	<b>11255</b>	<b>Madrid</b>	<b>map 188</b>	<b>Madrid</b>	<b>Temp.</b>
<b>Comunidad Foral de Navarra</b>	<b>Comunidad Foral de Navarra</b>	<b>Comunidad Foral de Navarra</b>	<b>Comunidad Foral de Navarra</b>	<b>23619</b>	<b>11024</b>	<b>17015</b>	<b>Navarra</b>	<b>map 188</b>	<b>Estella</b>	<b>Hot</b>
<b>Comunidad Valenciana</b>			<b>Comunidad Valenciana</b>	<b>90872</b>	<b>73434</b>	<b>57677</b>	<b>Valencia</b>	<b>map 188</b>		<b>Hot</b>
Alicante	Alicante	Alicante	Alicante	25466	14661	Alicante	Alicante	map 188	Alicante	Hot
Castellon	Castellon	Castellon	Castellon	1190	1214	Valencia	Valencia	map 188	Castellon de la Plana	Hot
Valencia	Valencia	Valencia	Valencia	64216	57559	Valencia	Valencia	190	Valencia	Hot
<b>Extremadura</b>			<b>Extremadura</b>	<b>85519</b>	<b>86606</b>	<b>78323</b>	<b>Extremadura</b>	<b>map 188</b>		<b>Hot</b>
Badajoz	Badajoz	Badajoz	Badajoz	81209	82749	Badajoz	Badajoz	map 188	Badajoz	Hot
Caceres	Caceres	Caceres	Caceres	4310	3857	Caceres	Caceres	map 188	Cáceres	Hot
<b>Galicia</b>	<b>Galicia</b>		<b>Galicia</b>	<b>31747</b>	<b>25457</b>	<b>30120</b>	<b>Galicia</b>	<b>map 188</b>	<b>Vigo</b>	<b>Warm</b>
<b>Iles Baléars</b>		<b>Iles Baléars</b>	<b>Iles Baléars</b>	<b>1718</b>	<b>1544</b>	<b>1718</b>	<b>Islas Baleares</b>	<b>map 188</b>	<b>Palma</b>	<b>Hot</b>
<b>La Rioja</b>		<b>La Rioja</b>	<b>La Rioja</b>	<b>39459</b>	<b>44576</b>	<b>40081</b>	<b>Rioja</b>	<b>198-199</b>	<b>Logrono</b>	<b>Warm</b>
<b>Pais Vasco</b>		<b>Pais Vasco</b>	<b>Pais Vasco</b>	<b>11581</b>	<b>13776</b>	<b>13481</b>	<b>Pais Vasco</b>	<b>map 188</b>		<b>Temp.</b>
Alava	Alava	Alava	Alava	11338	13040	Alava	Alava	190	Vitoria-Gasteiz	Temp.
Guipúzcoa, Vizcaya	Guipúzcoa, Vizcaya	Guipúzcoa, Vizcaya	Guipúzcoa, Vizcaya	243	736				Bilbao	Warm
Principado de Asturias	Principado de Asturias	Principado de Asturias	Principado de Asturias	84	95	104	Asturias	map 188	Oviedo	Temp.
Región de Murcia	Región de Murcia	Región de Murcia	Región de Murcia	45058	35437	22774	Murcia	map 188	Murcia	Hot
<b>SWITZERLAND</b>				<b>15042</b>	<b>14820</b>	<b>14793</b>	<b>SWITZERLAND</b>	<b>250-253</b>		<b>Cool</b>

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town
Aargau	Aargau	Aargau	Aargau	395	399	385	Aargau	251	Häggingen
Appenzell Ausserrhoden		Appenzell Ausserrhoden			4			Cool	
Appenzell Innerrhoden		Appenzell Innerrhoden			1	Appenzell Innerrh.	251	Cool	
Basel Land	Basel Land	Basel Land	Basel Land	99	114	114	Baselbiet	251	Appenzell
Basel Stadt	Basel Stadt	Basel Stadt	Basel Stadt			5	Basel	Temp.	Cool
Bern	Bern	Bern	Bern	257	242	221	Bern	map 251	Cool
Fribourg	Fribourg	Fribourg	Fribourg	116	117	117	Fribourg	251	Cool
Geneva	Geneva	Geneva	Geneva	1355	1292	1411	Geneva	253	Temp.
Glarus	Glarus	Glarus	Glarus			2	Glarus	map 251	Cool
Graubünden	Graubünden	Graubünden	Graubünden	414	421		Graubünden	251	Cool
Graubünden - Mesoleina		Graubünden - Mesoleina				30	Graubünden	251	Cool
Graubünden - other		Graubünden - other				421	Graubünden	251	Cool
Jura	Jura	Jura	Jura	7	14	15		Delenmont	Cool
Lucerne	Lucerne	Lucerne	Lucerne	19	41	53	Lucerne	map 251	Cool
Neuchâtel	Neuchâtel	Neuchâtel	Neuchâtel	605	591	604	Neuchâtel	251	Cool
Nidwalden	Nidwalden	Nidwalden	Nidwalden			0		Dallenwil	Cool
Ovalden	Ovalden	Ovalden	Ovalden			2	Sarnen	Cool	Cool
Schaffhausen	Schaffhausen	Schaffhausen	Schaffhausen	500	478	483	Schaffhausen	251	Cool
Schwyz	Schwyz	Schwyz	Schwyz	30	38	39	Schwyz	map 251	Cool
Solothurn	Solothurn	Solothurn	Solothurn			10	Solothurn	map 251	Cool
St. Gallen	St. Gallen	St. Gallen	St. Gallen	217	215	211	St. Gallen	map 251	Cool
Thunerssee	Thunerssee	Thunerssee	Thunerssee			19	Thunerssee	map 251	Cool
Thurgau	Thurgau	Thurgau	Thurgau	274	263	257	Thurgau	250	Cool
Ticino	Ticino	Ticino	Ticino	961	1069	1098	Ticino	251	Cool
Uri	Uri	Uri	Uri			4		Gurtellen	Cool
Valais	Valais	Valais	Valais	5255	5070	4906	Valais	252	Cool
Vaud	Vaud	Vaud	Vaud	3879	3819	3771	Vaud	252	Temp.
Zug	Zug	Zürich	Zürich	645	614	607	Zürich	map 251	Cool
Zürich	Zürich	Zürich	Zürich			3	Zürich	251	Cool
Other regions	Other regions	Other regions	Other regions	14	25			Hot	
TAIWAN	TAIWAN	TAIWAN	TAIWAN	2833	2833	2833	149 TAIWAN	385	Hot
THAILAND	THAILAND	THAILAND	THAILAND			149	208 THAILAND	385	Hot
TUNISIA	TUNISIA	TUNISIA	TUNISIA	16836	16836	16836	3400	Kelibia	Hot
TURKEY	TURKEY	TURKEY	TURKEY			12856	13704 TURKEY	285	Hot
Aegean	Aegean	Aegean	Aegean			6770	8214 Aegean	285	Hot
Central East	Central East	Central East	Central East	1895			2066 Eastern Anatolia	map 285	Hot
Central North	Central North	Central North	Central North	428			Elazığ		Hot
Central South	Central South	Central South	Central South	1553			Black Sea	map 285	Warm
Marmara	Marmara	Marmara	Marmara	1745			Central Anatolia	map 285	Warm
Mediterranean	Mediterranean	Mediterranean	Mediterranean	28			Thrace-Marmara	map 285	Warm
South East	South East	South East	South East	438			Tekirdağ		Hot
UKRAINE	UKRAINE	UKRAINE	UKRAINE			677	Southeastern Anat.	map 285	Hot
UNITED KINGDOM	UNITED KINGDOM	UNITED KINGDOM	UNITED KINGDOM	873	1198	1198	1839 ENGLAND AND	276	Warm
UNITED STATES	UNITED STATES	UNITED STATES	UNITED STATES	175693	227949	227949	239632 UNITED STATE	294-326	Cool
Arizona	Arizona	Arizona	Arizona	101			Odessa		Hot
Arkansas	Arkansas	Arkansas	Arkansas	243	251	251	249 Brighton		Hot
California				151657	181687	181687	326 Wilcox	302-322	Hot
							290 Little Rock		Hot
							290 California	302-322	Hot

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Atlas name	Pages	Town	Zone
Alameda	Alameda	Alameda	Alameda	546	1145	1188	Alameda	map 303 Livermore	Hot	Hot
Amador	Amador	Amador	Amador	1014	1255	1458	Amador	map 303 Jackson	Hot	Hot
Butte	Butte	Butte	Butte	58	58	69	Butte	map 303 Chico	Hot	Hot
Calaveras	Calaveras	Calaveras	Calaveras	114	253	288	Calaveras	map 303 San Andreas	Hot	Hot
Colusa	Colusa	Colusa	Colusa	539	646	606	Colusa	map 303 Colusa	Hot	Hot
Contra Costa	Contra Costa	Contra Costa	Contra Costa	397	675	725	Contra Costa	map 303 Concord	Hot	Hot
El Dorado	El Dorado	El Dorado	El Dorado	338	660	830	El Dorado	map 303 El Dorado	Hot	Hot
Fresno	Fresno	Fresno	Fresno	17606	16010	15909	Fresno	map 303 Fresno	Hot	Hot
Glenn	Glenn	Glenn	Glenn	580	329	408	Glenn	map 303 Orland	Hot	Cool
Humboldt	Humboldt	Humboldt	Humboldt	4	36	49	Eureka	map 303 Eureka	Cool	Cool
Kern	Kern	Kern	Kern	11198	8422	6913	Kern	map 303 Bakersfield	Hot	Hot
Kings	Kings	Kings	Kings	949	615	805	Kings	map 303 Hanford	Hot	Hot
Lake	Lake	Lake	Lake	1444	3122	3264	Lake County	map 304 Clearlake	Warm	Warm
Lassen	Lassen	Lassen	Lassen	1	84	84	Los Angeles	Susanville	Cool	Cool
Los Angeles	Los Angeles	Los Angeles	Los Angeles	12	53	84	Los Angeles	map 303 Los Angeles	Hot	Hot
Madera	Madera	Madera	Madera	17427	14273	13813	Madera	map 303 Madera	Hot	Hot
Marin	Marin	Marin	Marin	33	62	66	Marin	map 303 San Rafael	Warm	Warm
Mariposa	Mariposa	Mariposa	Mariposa	23	24	27	Mariposa	map 303 Mariposa	Hot	Hot
Mendocino	Mendocino	Mendocino	Mendocino	5050	6555	6660	Mendocino	map 304 Ukiah	Warm	Warm
Merced	Merced	Merced	Merced	5901	4418	5265	Merced	map 303 Merced	Hot	Hot
Monterey	Monterey	Monterey	Monterey	11688	15600	17909	Monterey	map 316 Salinas	Temp.	Temp.
Napa	Napa	Napa	Napa	12258	17768	17914	Napa Valley	310-315 St Helena	Warm	Warm
Nevada	Nevada	Nevada	Nevada	76	159	179	Nevada	map 303 Nevada City	Warm	Warm
Orange	Orange	Orange	Orange	0	0	0	Irvine	map 303 Irvine	Hot	Hot
Placer	Placer	Placer	Placer	37	70	76	Placer	map 303 Auburn	Hot	Hot
Riverside	Riverside	Riverside	Riverside	845	333	437	Riverside	map 303 Riverside	Hot	Hot
Sacramento	Sacramento	Sacramento	Sacramento	3611	7406	8031	Sacramento	map 303 Sacramento	Hot	Hot
San Benito	San Benito	San Benito	San Benito	720	959	1115	San Benito	map 303 Hollister	Warm	Warm
San Bernardino	San Bernardino	San Bernardino	San Bernardino	558	209	193	San Bernardino	map 303 San Bernardino	Hot	Hot
San Diego	San Diego	San Diego	San Diego	25	78	199	San Diego	289 San Diego	Hot	Hot
San Joaquin	San Joaquin	San Joaquin	San Joaquin	20930	27146	28107	San Joaquin	map 303 Lodi	Hot	Hot
San Luis Obispo	San Luis Obispo	San Luis Obispo	San Luis Obispo	5047	11484	12392	San Luis Obispo	319 San Luis Obispo	Warm	Warm
San Mateo	San Mateo	San Mateo	San Mateo	19	29	41	San Mateo	map 303 San Mateo	Temp.	Temp.
Santa Barbara	Santa Barbara	Santa Barbara	Santa Barbara	4043	6512	6113	Santa Barbara	322 Santa Maria	Temp.	Temp.
Santa Clara	Santa Clara	Santa Clara	Santa Clara	443	609	606	Santa Clara	map 303 San Jose	Hot	Hot
Santa Cruz	Santa Cruz	Santa Cruz	Santa Cruz	68	160	193	Santa Cruz	map 303 Santa Cruz	Temp.	Temp.
Shasta	Shasta	Shasta	Shasta	15	41	38	Shasta	Redding	Hot	Temp.
Siskiyou	Siskiyou	Siskiyou	Siskiyou	8	8	7	Siskiyou	Montague	Hot	Temp.
Solano	Solano	Solano	Solano	698	1231	1433	Solano	map 303 Fairfield	Hot	Hot
Sonoma	Sonoma	Sonoma	Sonoma	14708	22265	23528	Sonoma	305-309 Sonoma	Warm	Warm
Stanislaus	Stanislaus	Stanislaus	Stanislaus	5358	3079	2765	Stanislaus	map 303 Modesto	Hot	Hot
Sutter	Sutter	Sutter	Sutter	32	54	8	Sutter	map 303 Yuba City	Hot	Hot
Tehama	Tehama	Tehama	Tehama	53	59	46	Tehama	map 303 Corning	Hot	Hot
Trinity	Trinity	Trinity	Trinity	15	49	53	Trinity	Hayfork	Temp.	Temp.
Tulare	Tulare	Tulare	Tulare	4602	3432	2890	Tulare	map 303 Visalia	Hot	Hot
Tuolumne	Tuolumne	Tuolumne	Tuolumne	12	12	11	Tuolumne	map 303 Sonora	Hot	Hot
Ventura	Ventura	Ventura	Ventura	3	21	17	Ventura	map 303 Oxnard	Warm	Warm

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	ha 2000	ha 2010	ha 2016	Town	Zone
Yolo	Yolo	Yolo	Yolo	2446	4263	5059	Yolo	Hot
Yuba	Yuba	Yuba	Yuba	126	39	27	Yuba	Hot
Colorado	Colorado	Colorado	Colorado	271	248	248	Colorado	Warm
Georgia	Georgia	Georgia	Georgia	567	586	586	Georgia	Hot
Illinois	Illinois	Illinois	Illinois	373	386	386	Illinois	Hot
Indiana	Indiana	Indiana	Indiana	263	262	262	Indiana	Warm
Iowa	Iowa	Iowa	Iowa	194	145	145	Iowa	Warm
Kentucky	Kentucky	Kentucky	Kentucky	210	217	217	Kentucky	Hot
Michigan	Michigan	Michigan	Michigan	1072	1150	1150	Michigan	Warm
Minnesota	Minnesota	Minnesota	Minnesota	418	432	432	Minnesota	Temp.
Missouri	Missouri	Missouri	Missouri	647	688	688	Missouri	Hot
New York	Cattaraugus	Cattaraugus	Chautauqua	13352	12870	12626	New York	Temp.
	Chautauqua-Erie	Chautauqua-Erie	Erie	8116	7561	682	Lake Erie	Cool
	Finger Lakes	Finger Lakes	Erie	3692	3801	3801	Finger Lakes	Temp.
	New York - other	New York - other		1544	1508	357	Niagara Escarpme	Temp.
	Niagara	Niagara				216	Ontario	Temp.
	Ontario	Ontario				459	Schuyler	Temp.
	Schuyler	Schuyler				540	Seneca	Temp.
	Seneca	Seneca				422	Steuben	Cool
	Steuben	Steuben				826	Suffolk	Warm
	Suffolk	Suffolk				64	Ulster	Temp.
	Ulster	Ulster				15	Wayne	Temp.
	Wayne	Wayne				2164	Yates	Temp.
	Yates	Yates				754	North Carolina	Hot
North Carolina	North Carolina	North Carolina	Ohio	728	607	607	Ohio	Warm
Ohio	Ohio	Ohio		436	10013	6685	Oregon	Temp.
Oregon	Benton Co.	Benton Co.		3278	155	155	Corvallis	Temp.
	Columbia River	Columbia River			293	610	The Dalles	Warm
	Douglas Co.	Douglas Co.			190	350	Waterville	Cool
	Jackson Co.	Jackson Co.				536	Medford	Temp.
	Josephine Co.	Josephine Co.				117	Grants Pass	Warm
	Lane Co.	Lane Co.				341	Eugene	Temp.
	Marion Co.	Marion Co.				660	Marion	Temp.
	Marion Co.	Marion Co.				6072	Willamette Valley	Temp.
	Oregon - other	Oregon - other				928	Polk	Temp.
	Polk Co.	Polk Co.				1186	Rogue Valley	Temp.
	Rogue Valley	Rogue Valley				1165	Willamette Valley	Temp.
	South Willamette Valley	South Willamette Valley				945	Umpqua Valley	Temp.
	Umpqua Valley	Umpqua Valley				106	Washington	Temp.
	Valley - other	Valley - other				393	Yamhill	Temp.
	Washington Co.	Washington Co.				1016	Yamhill Co.	Temp.
Pennsylvania	Pennsylvania	Pennsylvania				1004	1040 Pennsylvania	Temp.

Table 74 (cont.): World's wine regions' bearing areas and names in *World Atlas of Wine*, by country, 2000, 2010 and 2016

Name	2000	2010	2016	Town	Zone
Texas	Texas	1838 Texas	1838 Texas	1214 ha 2010	Hot
Hill Country	Hill Country			ha 2000	Hot
North Texas (DFW)	North Texas (DFW)			161 ha 2016	Hot
South Texas and Gulf Coast	South Texas and Gulf Coast			123 ha name	Dallas
Texas High Plains and Panhandle	Texas High Plains and Panhandle			1087 Texas High Plains	Houston
West Texas	West Texas			map 326 Lubbock	Hot
Virginia	Virginia			El Paso	Hot
Washington	Washington			323 Charlottesville	Hot
Columbia Gorge	Columbia Gorge	6880	1065	298-301	Warm
Columbia Valley	Columbia Valley		17899	19038 Washington	Temp.
Horse Heaven Hills	Horse Heaven Hills		159	85 Columbia Gorge	Temp.
Lake Chelan	Lake Chelan		3023	2907 Columbia Valley	Temp.
Naches Heights	Naches Heights		4283	5345 Horse Heaven Hill	Warm
Puget Sound	Puget Sound		100	42 Lake Chelan	Temp.
Rattlesnake Hills	Rattlesnake Hills		72	6 Naches Heights	Temp.
Red Mountain	Red Mountain		72	32 Puget Sound	Cool
Snipes Mountain	Snipes Mountain		647	546 Rattlesnake Hills	Temp.
Wahluke Slope	Wahluke Slope		515	646 Red Mountain	Warm
Walla Walla Valley	Walla Walla Valley		285	225 Snipes Mountain	Temp.
Yakima Valley	Yakima Valley		2689	2834 Wahluke Slope	Warm
URUGUAY	URUGUAY		528	564 Walla Walla Valley	Temp.
Artigas	Artigas	8880	5444	5806 Yakima Valley	Temp.
Canelones	Canelones		7657	6743 URUGUAY	Hot
Colonia	Colonia		36 Artigas	36 Artigas	Hot
Durazno	Durazno		4269 Canelones	map 330 Artigas	Hot
Florida	Florida		522 Colonia	332 Canelones	Hot
Lavalleja	Lavalleja		47	332 Carmelo	Hot
Maldonado	Maldonado		42 Florida	map 330 Florida	Hot
Montevideo	Montevideo		7	7	Hot
Paysandu	Paysandu		326 Maldonado	Lavalleja	Hot
Rivera	Rivera		813 Montevideo	map 332 Maldonado	Hot
Rocha	Rocha		160 Paysandu	332 Montevideo	Hot
Salto	Salto		41 Rivera	map 330 Paysandu	Hot
San Jose	San Jose		12 Rocha	332 Rivera	Hot
Soriano	Soriano		54 Salto	12 Rocha	Hot
Tacuarembó	Tacuarembó		392 San Jose	332 Salto	Hot
			3 Soriano	332 San José	Hot
			19	map 330 Palmitas	Hot
				Tacuarembó	Hot



## **VII. Location and climate indicators of the world's wine regions**

Table 75: Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name					Town	(Final column indicates whether climate is cool, temperate, warm or hot)					
	2000	2010	2016			Latitude	Longitude	Elevation	GST	GSP	Zone
<b>ALGERIA</b>	ALGERIA	ALGERIA	ALGERIA	ALGERIA	Algiers	36.75	3.04	190	21.3	250	Hot
<b>ARGENTINA</b>	ARGENTINA	ARGENTINA	ARGENTINA	ARGENTINA		-32.83	-68.45	755	20.6	198	Hot
Buenos Aires						-37.86	-61.12	177	18.2	550	Warm
Balcarce		Balcarce	Balcarce	Balcarce		-37.85	-58.26	115	17.3	528	Warm
Benito Juárez		Benito Juárez	Benito Juárez	Benito Juárez		-37.67	-59.80	217	17.2	539	Warm
Cañuelas		Cañuelas	Cañuelas	Cañuelas		-35.05	-58.76	34	20.3	752	Hot
Coronel Pringles	Coronel Pringles	Coronel Pringles	Coronel Pringles	Coronel Pringles		-37.99	-61.35	254	17.7	602	Warm
Coronel Suarez		Coronel Suarez	Coronel Suarez	Coronel Suarez		-37.46	-61.93	242	18.3	618	Warm
Daireaux		Daireaux	Daireaux	Daireaux		-36.60	-61.75	119	19.4	669	Hot
De La Costa		De La Costa	De La Costa	De La Costa		-37.86	-61.12	177	18.2	550	Warm
General Belgrano		General Belgrano	General Belgrano	General Belgrano		-35.77	-58.50	21	19.3	703	Hot
General Pueyrredón	General Pueyrredón	General Pueyrredón	General Pueyrredón	General Pueyrredón		-37.95	-57.78	88	17.2	558	Warm
Junín - Bs. As.		Junín - Bs. As.	Junín - Bs. As.	Junín - Bs. As.		-34.59	-60.95	83	19.9	792	Hot
Saavedra		Saavedra	Saavedra	Saavedra		-37.76	-62.35	343	17.7	580	Warm
Tandil		Tandil	Tandil	Tandil		-37.33	-59.14	201	17.3	636	Warm
Tornquist		Tornquist	Tornquist	Tornquist		-38.10	-62.22	294	18.0	579	Warm
Villa Gesell		Villa Gesell	Villa Gesell	Villa Gesell		-37.26	-56.97	10	17.9	551	Warm
Villarino		Villarino	Villarino	Médanos		-38.83	-62.69	34	19.4	396	Hot
<b>Catamarca</b>						<b>-27.75</b>	<b>-67.09</b>	<b>1408</b>	<b>21.2</b>	<b>157</b>	<b>Hot</b>
Ambato		Ambato		El Bolsón		-27.90	-65.88	1214	21.2	467	Hot
Andalgala	Andalgala	Andalgala	Andalgala	Andalgala		-27.58	-66.31	1081	22.9	281	Hot
Belén	Belén	Belén	Belén	Belén		-27.65	-67.03	1263	21.7	156	Hot
Capayán			Capayán	Capayán		-28.77	-66.05	419	24.5	385	Hot
Cushamen	Cushamen	Cushamen	Cushamen	Lago Puelo		-42.06	-71.60	216	13.9	376	Cool
Poman	Poman	Poman	Poman	Pomán		-28.40	-66.22	1181	22.8	338	Hot
Santa María - Catamarca	Santa María		-26.70	-66.05	1896	19.5	183	Hot			
Santa Rosa - Catamarca			Santa Rosa - Catamarca	Bañado de Ovanta		-28.10	-65.32	473	23.7	610	Hot
Tinogasta	Tinogasta	Tinogasta	Tinogasta	Tinogasta		-28.06	-67.57	1214	22.0	137	Hot
Valle Viejo			Valle Viejo	El Portezuelo		-28.47	-65.64	634	23.6	467	Hot
<b>Chubut</b>						<b>-45.29</b>	<b>-69.32</b>	<b>310</b>	<b>14.4</b>	<b>85</b>	<b>Cool</b>
Futaleufú		Futaleufú		Esquel		-42.91	-71.31	584	12.2	250	Cool
Languíneo		Languíneo		Tecka		-43.49	-70.81	716	12.5	149	Cool
Sarmiento - Chubut			Sarmiento - Chubut	Sarmiento		-45.59	-69.07	274	14.7	64	Cool
<b>Córdoba</b>						<b>-31.05</b>	<b>-64.43</b>	<b>531</b>	<b>20.1</b>	<b>576</b>	<b>Hot</b>
Calamuchita		Calamuchita	Calamuchita	San Agustín		-31.98	-64.38	551	19.8	594	Hot
Colón - Cordoba		Colón - Cordoba	Colón - Cordoba	Jesús María		-30.98	-64.10	535	19.1	637	Hot
Cruz del Eje	Cruz del Eje	Cruz del Eje	Cruz del Eje	Cruz del Eje		-30.72	-64.81	468	21.5	470	Hot
Ischilin	Ischilin	Ischilin	Ischilin	Deán Funes		-30.73	-64.79	472	21.2	473	Hot
Punilla			Punilla	Cosquín		-31.25	-64.47	718	18.8	607	Warm
San Alberto	San Alberto	San Alberto	San Alberto	Brochero		-31.67	-65.02	928	19.6	561	Hot
San Javier	San Javier	San Javier	San Javier	Villa Dolores		-31.95	-65.19	523	22.2	580	Hot
Santa María - Cordoba		Santa María - Cordoba	Santa María - Cordoba	Alta Gracia		-31.66	-64.43	553	20.0	630	Hot
Totoral	Totoral	Totoral	Totoral	Villa del Totoral		-30.71	-64.07	551	19.5	607	Hot
Tulumba		Tulumba	Tulumba	Villa Tulumba		-30.40	-64.12	703	19.6	580	Hot
<b>Entre Ríos</b>						<b>-31.94</b>	<b>-59.13</b>	<b>46</b>	<b>21.9</b>	<b>852</b>	<b>Hot</b>
Colón - Entre Ríos	Colón		-32.22	-58.14	24	21.7	834	Hot			
Concordia		Concordia	Concordia	Concordia		-31.39	-58.02	35	22.4	947	Hot
Diamante		Diamante	Diamante	Diamante		-32.07	-60.64	81	21.6	823	Hot
Gualeguaychu			Gualeguaychu	Gualeguaychú		-33.01	-58.51	11	21.4	758	Hot
Nogoya		Nogoya	Nogoya	Nogoyá		-32.39	-59.79	47	21.5	751	Hot
Paraná			Paraná	Paraná		-31.74	-60.51	65	21.8	875	Hot
Uruguay		Uruguay	Uruguay	Uruguay		-32.48	-58.23	20	21.6	779	Hot
Victoria	Victoria	Victoria	Victoria	Victoria		-32.62	-60.16	55	21.5	714	Hot
<b>Jujuy</b>						<b>-23.62</b>	<b>-65.36</b>	<b>2390</b>	<b>16.7</b>	<b>313</b>	<b>Temp.</b>
El Carmen		El Carmen	El Carmen	El Carmen		-24.39	-65.26	1183	20.7	727	Hot
Humahuaca		Humahuaca	Humahuaca	Humahuaca		-23.20	-65.35	2952	15.2	175	Temp.
Tilcara		Tilcara	Tilcara	Tilcara		-23.58	-65.39	2479	16.3	263	Temp.
Tumbaya		Tumbaya	Tumbaya	Tumbaya		-23.87	-65.47	2105	17.4	383	Warm
<b>La Pampa</b>						<b>-37.35</b>	<b>-67.60</b>	<b>447</b>	<b>19.3</b>	<b>198</b>	<b>Hot</b>
Curaco		Curaco		Puelches		-38.14	-65.92	234	19.8	239	Hot
Puelen	Puelen	Puelen	Puelen	Puelén		-37.34	-67.62	450	19.3	197	Hot
<b>La Rioja</b>						<b>-29.14</b>	<b>-67.54</b>	<b>1157</b>	<b>21.2</b>	<b>179</b>	<b>Hot</b>
Arauco	Arauco	Arauco	Arauco	Aimogasta		-28.55	-66.82	845	23.3	267	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Capital La Rioja	Capital La Rioja	Capital La Rioja		La Rioja	-29.41	-66.86	511	23.6	325	Hot
Castro Barros	Castro Barros	Castro Barros	Castro Barros	Aminga	-28.85	-66.93	1339	20.9	241	Hot
Chilecito	Chilecito	Chilecito	Chilecito	Chilecito	-29.16	-67.50	1122	21.5	183	Hot
Coronel Felipe Varela	Coronel Felipe Varela	Coronel Felipe Varela	Coronel Felipe Varela	Villa Unión	-29.32	-68.23	1154	20.0	121	Hot
Famatina	Famatina	Famatina	Famatina	Famatina	-28.93	-67.52	1560	19.3	168	Hot
General Lamadrid	General Lamadrid	General Lamadrid	General Lamadrid	Villa Castelli	-29.02	-68.23	1284	19.5	114	Hot
San Blas De Los Sauces	San Blas de los Sauces	-28.40	-67.09	1019	22.8	206	Hot			
Sanagasta	Sanagasta	Sanagasta	Sanagasta	Sanagasta	-29.29	-67.02	1022	21.2	236	Hot
Vinchina	Vinchina	Vinchina	Vinchina	Vinchina	-28.75	-68.20	1472	19.2	114	Hot
<b>Mendoza</b>					<b>-33.33</b>	<b>-68.61</b>	<b>753</b>	<b>20.2</b>	<b>191</b>	<b>Hot</b>
General Alvear	General Alvear	General Alvear	General Alvear	General Alvear	-34.98	-67.69	478	20.2	237	Hot
Godoy Cruz	Godoy Cruz	Godoy Cruz	Godoy Cruz	Godoy Cruz	-32.93	-68.86	840	20.3	219	Hot
Guaymallén	Guaymallén	Guaymallén	Guaymallén	Guaymallén	-32.90	-68.80	747	20.8	208	Hot
Junín - Mendoza	Junín - Mendoza	Junín - Mendoza	Junín - Mendoza	Junín	-33.14	-68.48	672	20.8	168	Hot
La Paz	La Paz	La Paz	La Paz	La Paz	-33.46	-67.55	512	21.8	219	Hot
Las Heras	Las Heras	Las Heras	Las Heras	Las Heras	-32.84	-68.83	723	21.2	190	Hot
Lavalle	Lavalle	Lavalle	Lavalle	Villa Tulumaya	-32.72	-68.59	613	21.8	175	Hot
Luján de Cuyo	Luján de Cuyo	Luján de Cuyo	Luján de Cuyo	Luján de Cuyo	-33.03	-68.88	960	19.5	190	Hot
Maipú	Maipú	Maipú	Maipú	Maipú	-32.96	-68.79	804	20.5	190	Hot
Malargüe	Malargüe	Malargüe	Malargüe	Malargüe	-35.48	-69.58	1420	15.1	164	Temp.
Rivadavia - Mendoza	Rivadavia - Mendoza	Rivadavia - Mendoza	Rivadavia - Mendoza	Rivadavia	-33.19	-68.46	667	20.8	174	Hot
San Carlos - Mendoza	San Carlos	-33.77	-69.04	957	18.1	245	Warm			
San Martín - Mendoza	San Martín	-33.08	-68.47	664	21.2	172	Hot			
San Rafael	San Rafael	San Rafael	San Rafael	San Rafael	-34.61	-68.34	708	18.7	218	Warm
Santa Rosa - Mendoza	Santa Rosa	-33.25	-68.15	611	21.3	187	Hot			
Tunuyán	Tunuyán	Tunuyán	Tunuyán	Tunuyán	-33.58	-69.02	886	18.8	219	Warm
Tupungato	Tupungato	Tupungato	Tupungato	Tupungato	-33.37	-69.15	1076	18.1	194	Warm
<b>Misiones</b>					<b>-27.27</b>	<b>-55.21</b>	<b>352</b>	<b>23.5</b>	<b>1053</b>	<b>Hot</b>
Cainguas		Cainguas	Cainguas	Campo Grande	-27.21	-54.98	448	23.2	1013	Hot
Capital Misiones		Capital Misiones	Capital Misiones	Posadas	-27.36	-55.90	110	24.6	1164	Hot
Leandro Alem	Leandro Alem	Leandro Alem	Leandro Alem	Leandro N. Alem	-27.60	-55.32	296	23.4	1070	Hot
Veinticinco de Mayo - Misiones	Alba Posse	-27.57	-54.68	126	23.8	1041	Hot			
<b>Neuquén</b>					<b>-38.40</b>	<b>-68.75</b>	<b>406</b>	<b>18.6</b>	<b>113</b>	<b>Warm</b>
Añelo	Añelo	Añelo	Añelo	Añelo	-38.35	-68.79	414	18.5	107	Warm
Chos Malal	Chos Malal	Chos Malal	Chos Malal	Chos Malal	-37.38	-70.27	857	16.7	85	Temp.
Collon Cura	Collon Cura	Collon Cura	Collon Cura	Collón Cura	-38.95	-68.10	282	19.0	202	Hot
Confluencia	Confluencia	Confluencia	Confluencia	Neuquén	-38.95	-68.06	281	19.0	196	Hot
Lacar		Lacar	Lacar	Andes	-40.16	-71.35	650	12.0	416	Cool
Ñorquin		Ñorquin	Ñorquin	El Huecú	-37.64	-70.58	1225	13.4	164	Cool
Pehuenches		Pehuenches	Pehuenches	Sauces	-37.39	-68.93	601	18.4	113	Warm
Picún Leufú	Picún Leufú	Picún Leufú	Picún Leufú	Picún Leufú	-39.52	-69.29	393	17.2	54	Warm
Picunches		Picunches	Picunches	Las Lajas	-38.52	-70.36	718	16.0	78	Temp.
<b>Río Negro</b>					<b>-39.22</b>	<b>-67.01</b>	<b>225</b>	<b>19.0</b>	<b>125</b>	<b>Hot</b>
Adolfo Alsina	Adolfo Alsina	Adolfo Alsina	Adolfo Alsina	Viedma	-40.81	-63.00	8	18.3	230	Warm
Avellaneda - Río Negro	Choele Choel	-39.28	-65.66	136	19.6	179	Hot			
Bariloche		Bariloche	Bariloche	Bariloche	-41.13	-71.31	851	11.6	333	Cool
Conesa	Conesa	Conesa	Conesa	General Conesa	-40.10	-64.46	62	19.1	152	Hot
El Cuy	El Cuy	El Cuy	El Cuy	El Cuy	-39.93	-68.35	718	16.0	102	Temp.
General Roca	General Roca	General Roca	General Roca	General Roca	-39.03	-67.59	237	19.1	106	Hot
Pichi Mahuida	Pichi Mahuida	Pichi Mahuida	Pichi Mahuida	Río Colorado	-38.99	-64.10	81	19.5	238	Hot
<b>Salta</b>					<b>-25.99</b>	<b>-65.99</b>	<b>1658</b>	<b>19.9</b>	<b>158</b>	<b>Hot</b>
Cachi	Cachi	Cachi	Cachi	Cachi	-25.12	-66.16	2345	17.1	167	Warm
Cafayate	Cafayate	Cafayate	Cafayate	Cafayate	-26.07	-65.98	1625	20.0	158	Hot
La Viña		La Viña	La Viña	La Viña	-25.47	-65.57	1194	21.2	373	Hot
Molinos	Molinos	Molinos	Molinos	Molinos	-25.44	-66.29	2045	18.5	143	Warm
San Carlos - Salta	San Carlos	-25.89	-65.93	1628	20.4	160	Hot			
<b>San Juan</b>				General San Martín	<b>-31.69</b>	<b>-68.41</b>	<b>596</b>	<b>22.6</b>	<b>243</b>	<b>Hot</b>
Albardón	Albardón	Albardón	Albardón	Albardón	-31.44	-68.52	641	22.5	226	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone		
Angaco	Angaco	Angaco	Angaco	Villa del Salvador	-31.45	-68.40	601	22.6	240	Hot		
Calingasta	Calingasta	Calingasta	Calingasta	Tamberías	-31.46	-69.42	1469	16.7	91	Temp.		
Capital San Juan	Capital San Juan	Capital San Juan	Capital San Juan	San Juan	-31.54	-68.54	651	22.4	257	Hot		
Caucete	Caucete	Caucete	Caucete	Caucete	-31.65	-68.28	577	22.9	260	Hot		
				Paula A. de								
Chimbas	Chimbas	Chimbas	Chimbas	Sarmiento	-31.49	-68.53	644	22.5	235	Hot		
Iglesia	Iglesia	Iglesia	Iglesia	Rodeo	-30.21	-69.14	1636	16.1	75	Temp.		
Jachal	Jachal	Jachal	Jachal	Huaco	-30.16	-68.48	974	20.4	138	Hot		
Nueve de Julio	Nueve de Julio	Nueve de Julio	Nueve de Julio	Nueve de Julio	-31.65	-68.39	584	22.8	254	Hot		
Pocito	Pocito	Pocito	Pocito	Villa Aberastain	-31.65	-68.58	617	22.4	233	Hot		
Rawson	Rawson	Rawson	Rawson	Villa Krause	-31.57	-68.53	641	22.4	261	Hot		
Rivadavia - San Juan	Rivadavia - San Juan	Rivadavia - San Juan	Rivadavia - San Juan	Rivadavia	-31.53	-68.59	691	22.1	220	Hot		
San Martín - San Juan	San Martín - San Juan	San Martín - San Juan	San Martín - San Juan	San Martín	-31.52	-68.35	597	22.8	249	Hot		
Santa Lucía	Santa Lucía	Santa Lucía	Santa Lucía	Santa Lucía	-31.53	-68.48	621	22.5	243	Hot		
Sarmiento - San Juan	Sarmiento - San Juan	Sarmiento - San Juan	Sarmiento - San Juan	Sarmiento - San Juan	Juan	Media Agua	-31.98	-68.43	555	22.8		
Ullum	Ullum	Ullum	Ullum	Ullum	-31.46	-68.72	789	21.4	197	Hot		
Valle Fértil	Valle Fértil	Valle Fértil	Valle Fértil	Valle Fértil	San Agustín	-30.63	-67.47	854	21.4	269	Hot	
Veinticinco de Mayo - San Juan	Veinticinco de Mayo - San Juan	Veinticinco de Mayo - San Juan	Veinticinco de Mayo - San Juan	Mayo - San Juan	Mayo - San Juan	Santa Rosa	-31.74	-68.31	571	22.8		
Zonda	Zonda	Zonda	Zonda	Zonda	Bsilio Nievias	-31.54	-68.73	778	21.4	204	Hot	
<b>San Luis</b>						<b>-32.96</b>	<b>-66.00</b>	<b>698</b>	<b>21.5</b>	<b>432</b>	<b>Hot</b>	
Ayacucho	Ayacucho			Ayacucho	San Francisco del Monte de Oro	-32.60	-66.13	798	22.1	430	Hot	
Capital San Luis				Capital San Luis	San Luis	-33.30	-66.34	729	21.4	378	Hot	
Junín - San Luis			Junín - San Luis	Junín - San Luis	Santa Rosa	-32.34	-65.20	592	21.5	553	Hot	
<b>Santiago del Estero</b>		Capital Santiago del Estero		Capital Santiago del Estero	Santiago del Estero	-27.78	-64.26	192	24.5	575	Hot	
<b>Tucumán</b>						<b>-26.82</b>	<b>-65.69</b>	<b>1960</b>	<b>18.1</b>	<b>336</b>	<b>Warm</b>	
Tafí del Valle	Tafí del Valle	Tafí del Valle	Tafí del Valle	Tafí del Valle	Trancas	-26.85	-65.71	2012	17.9	332	Warm	
Trancas				Trancas	Trancas	-26.23	-65.28	779	22.4	421	Hot	
<b>ARMENIA</b>	<b>ARMENIA</b>	<b>ARMENIA</b>	<b>ARMENIA</b>	<b>ARMENIA</b>	<b>Yerevan</b>	<b>40.19</b>	<b>44.52</b>	<b>1014</b>	<b>17.8</b>	<b>229</b>	<b>Warm</b>	
<b>AUSTRALIA</b>	<b>AUSTRALIA</b>	<b>AUSTRALIA</b>	<b>AUSTRALIA</b>	<b>AUSTRALIA</b>		<b>-34.32</b>	<b>138.55</b>	<b>128</b>	<b>19.2</b>	<b>231</b>	<b>Hot</b>	
<b>Australian Capital Territory</b>							<b>-33.81</b>	<b>142.91</b>	<b>554</b>	<b>16.4</b>	<b>391</b>	<b>Temp.</b>
Australian Capital Territory	Australian Capital Territory	Australian Capital Territory				-35.28	149.13	578	17.1	408	Warm	
Canberra District (ACT)		Canberra District (ACT)	Canberra District (ACT)	Canberra District (ACT)	Canberra	-35.28	149.13	578	17.1	408	Warm	
<b>New South Wales</b>						<b>-34.01</b>	<b>146.02</b>	<b>185</b>	<b>21.0</b>	<b>274</b>	<b>Hot</b>	
Big Rivers - other	Big Rivers - other	Big Rivers - other	Big Rivers - other			-34.11	141.92	37	21.5	155	Hot	
Canberra District	Canberra District	Canberra District	Canberra District			-35.28	149.13	578	17.1	408	Warm	
Canberra District (NSW)		Central Ranges - other	Central Ranges - other	Central Ranges - other	Yass	-34.84	148.91	491	18.1	403	Warm	
Central Ranges - other	Cowra	Cowra	Cowra	Cowra	Cowra	-33.83	148.68	318	20.2	369	Hot	
Cowra						-33.83	148.68	318	20.2	369	Hot	
Gundagai		Gundagai	Gundagai	Gundagai	Cootamundra	-34.64	148.03	375	19.5	327	Hot	
Hastings River	Hastings River	Hastings River	Hastings River	Hastings River	Port Macquarie	-31.43	152.90	14	21.1	1019	Hot	
Hilltops	Hilltops	Hilltops	Hilltops	Hilltops	Young	-34.30	148.30	490	18.7	368	Warm	
Hunter	Hunter	Hunter	Hunter	Hunter	Cessnock	-32.50	151.36	90	21.3	569	Hot	
Hunter Valley - other	Hunter Valley - other	Hunter Valley - other	Hunter Valley - other	Hunter Valley - other		-32.50	151.36	90	21.3	569	Hot	
Mudgee	Mudgee	Mudgee	Mudgee	Mudgee	Mudgee	-32.61	149.57	585	18.9	455	Warm	
Murray Darling (NSW)	Murray Darling (NSW)	Murray Darling (NSW)	Murray Darling (NSW)	Murray Darling (NSW)	Wentworth	-34.11	141.92	37	21.5	155	Hot	
New England Australia		New England Australia	New England Australia	New England Australia	Glen Innes	-29.75	151.74	1091	16.9	649	Temp.	
Northern Rivers - other	Northern Rivers - other	Northern Rivers - other	Northern Rivers - other	Northern Rivers - other		-31.43	152.90	14	21.1	1019	Hot	
Northern Slopes		Northern Slopes - other	Northern Slopes - other	Northern Slopes	Armidale	-30.50	151.67	1041	17.3	544	Warm	
Northern Slopes - other	Orange	Orange	Orange	Orange	Griffith	-30.50	151.67	1041	17.3	544	Warm	
Perricoota	Perricoota	Perricoota	Perricoota	Perricoota	Moama	-33.28	149.10	889	16.7	499	Temp.	
Riverina	Riverina	Riverina	Riverina	Riverina	Griffith	-36.11	144.76	104	19.6	215	Hot	
Shoalhaven Coast		Shoalhaven Coast	Shoalhaven Coast	Shoalhaven Coast	Nowra	-34.88	150.60	37	19.5	729	Hot	

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
South Coast - other		-34.88	150.60	37	19.5	729	Hot			
Southern Highlands	Southern Highlands	Southern Highlands	Southern Highlands	Bowral	-34.48	150.42	680	16.4	664	Temp.
Southern NSW - other		-34.64	148.03	375	19.5	327	Hot			
Swan Hill (NSW)	Swan Hill (NSW)	Swan Hill (NSW)	Swan Hill (NSW)	Koraleigh	-35.16	143.42	67	20.7	176	Hot
Tumbarumba	Tumbarumba	Tumbarumba	Tumbarumba	Tumbarumba	-35.78	148.01	645	16.3	497	Temp.
Western Plains	Western Plains - other	Western Plains - other	Western Plains	Bourke	-30.09	145.94	108	25.2	200	Hot
Western Plains - other	Western Plains - other	Western Plains - other			-30.09	145.94	108	25.2	200	Hot
<b>Northern Territory</b>	<b>Territory</b>			<b>Darwin</b>	<b>-12.46</b>	<b>130.85</b>	<b>8</b>	<b>28.5</b>	<b>1701</b>	<b>Hot</b>
<b>Queensland</b>					<b>-27.51</b>	<b>151.94</b>	<b>609</b>	<b>20.6</b>	<b>571</b>	<b>Hot</b>
Granite Belt	Granite Belt	Granite Belt	Granite Belt	Stanthorpe	-28.66	151.94	854	18.9	550	Warm
Queensland - other	Queensland - other	Queensland - other	Queensland - other		-27.51	151.94	609	20.6	571	Hot
South Burnett	South Burnett	South Burnett	South Burnett	Murgon	-26.24	151.94	339	22.6	595	Hot
<b>South Australia</b>					<b>-35.06</b>	<b>139.76</b>	<b>102</b>	<b>18.9</b>	<b>194</b>	<b>Warm</b>
Adelaide Hills	Adelaide Hills	Adelaide Hills	Adelaide Hills	Lenswood	-35.06	138.83	363	17.0	298	Warm
Adelaide Plains	Adelaide Plains	Adelaide Plains	Adelaide Plains	Elizabeth	-34.72	138.67	39	19.6	212	Hot
Barossa Valley	Barossa Valley	Barossa Valley	Barossa Valley	Nuriootpa	-34.55	138.99	116	18.0	218	Warm
Barossa - other	Barossa - other	Barossa - other	Barossa - other		-34.55	138.99	116	18.0	218	Warm
Clare Valley	Clare Valley	Clare Valley	Clare Valley	Clare	-33.83	138.61	393	18.5	221	Warm
Coonawarra	Coonawarra	Coonawarra	Coonawarra		-37.75	140.86	63	16.1	283	Temp.
Currency Creek	Currency Creek	Currency Creek	Currency Creek	Milang	-35.41	138.96	11	19.0	162	Warm
Eden Valley	Eden Valley	Eden Valley	Eden Valley	Eden Valley	-34.64	139.10	399	17.7	215	Warm
Far North - other		-33.27	138.35	237	20.2	190	Hot			
Fleurieu - other	Fleurieu - other	Fleurieu - other	Fleurieu - other		-35.55	138.62	21	18.3	201	Warm
Kangaroo Island	Kangaroo Island	Kangaroo Island	Kangaroo Island	Parndana	-35.79	137.26	160	17.6	206	Warm
Langhorne Creek	Langhorne Creek	Langhorne Creek	Langhorne Creek	Langhorne Creek	-35.30	139.04	26	19.0	176	Warm
Limestone Coast - other		-36.96	140.74	70	17.5	225	Warm			
Lower Murray - other		-34.17	140.74	23	21.0	133	Hot			
McLaren Vale	McLaren Vale	McLaren Vale	McLaren Vale	McLaren Vale	-35.22	138.55	86	18.7	202	Warm
Mount Benson	Mount Benson	Mount Benson	Mount Benson	Mount Benson	-37.06	139.84	15	16.9	218	Temp.
Mount Gambier			Mount Gambier	Mount Gambier	-37.83	140.78	36	16.3	281	Temp.
Mount Lofty Ranges - other		-35.06	138.83	363	17.0	298	Warm			
Padthaway	Padthaway	Padthaway	Padthaway	Padthaway	-36.60	140.49	39	17.8	201	Warm
Riverland	Riverland	Riverland	Riverland	Renmark	-34.17	140.74	23	21.0	133	Hot
Robe	Robe	Robe	Robe		-37.16	139.75	2	16.8	211	Temp.
Southern Fleurieu	Southern Fleurieu	Southern Flinders	Southern Flinders	Southern Fleurieu	-35.55	138.62	21	18.3	201	Warm
Southern Flinders Ranges		Ranges	Ranges	Gladstone	-33.27	138.35	237	20.2	190	Hot
The Peninsulas	The Peninsulas	The Peninsulas	The Peninsulas	Maitland	-34.37	137.67	195	19.6	169	Hot
Wrattanbully	Wrattanbully	Wrattanbully	Wrattanbully	Naracoorte	-36.96	140.74	70	17.5	225	Warm
<b>Tasmania</b>	<b>Tasmania</b>	<b>Tasmania</b>	<b>Tasmania</b>	<b>Launceston</b>	<b>-41.54</b>	<b>147.14</b>	<b>166</b>	<b>14.4</b>	<b>326</b>	<b>Cool</b>
<b>Victoria</b>					<b>-35.76</b>	<b>143.80</b>	<b>130</b>	<b>19.1</b>	<b>273</b>	<b>Hot</b>
Alpine Valleys		Alpine Valleys	Alpine Valleys	Myrtleford	-36.56	146.72	226	18.0	439	Warm
Alpine Valleys/Beechworth										
Beechworth	Beechworth	Beechworth	Beechworth	Beechworth	-36.77	146.41	259	17.2	469	Warm
Bendigo	Bendigo	Bendigo	Bendigo	Bendigo	-36.36	146.69	547	16.8	434	Temp.
Central Victoria - other	Central Victoria - other	-36.76	144.28	218	17.5	271	Warm			
Geelong	Geelong	Geelong	Geelong	Geelong	-36.38	145.40	118	19.2	267	Hot
Gippsland	Gippsland	Gippsland	Gippsland	Lakes Entrance	-38.15	144.36	19	17.2	300	Warm
Glenrowan	Glenrowan	Glenrowan	Glenrowan	Glenrowan	-37.88	147.99	5	17.4	410	Warm
Goulburn Valley	Goulburn Valley	Goulburn Valley	Goulburn Valley	Shepparton	-36.46	146.22	233	18.7	341	Warm
Grampians	Grampians	Grampians	Grampians	Ararat	-36.38	145.40	118	19.2	267	Hot
Heathcote	Heathcote	Heathcote	Heathcote	Heathcote	-37.28	142.93	325	16.1	287	Temp.
Henty	Henty	Henty	Henty	Hamilton	-36.92	144.70	236	17.3	275	Warm
King Valley	King Valley	King Valley	King Valley	Whitfield	-37.74	142.02	192	15.9	291	Temp.
Macedon Ranges	Macedon Ranges	Macedon Ranges	Macedon Ranges	Woodend	-36.77	146.41	259	17.2	469	Warm
Mornington Peninsula	Mornington Peninsula	Mornington Peninsula	Mornington Peninsula	Hastings	-37.36	144.52	573	14.9	391	Cool
Murray Darling (VIC)	Murray Darling (VIC)	Murray Darling (VIC)	Murray Darling (VIC)	Mildura	-34.21	142.14	55	21.1	159	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
North East Victoria - other	North East	North East	North East		-36.77	146.41	259	17.2	469	Warm
North West Victoria - other	Victoria - other	Victoria - other	Victoria - other		-34.21	142.14	55	21.1	159	Hot
Port Phillip - other		-38.31	145.19	11	16.9	389	Temp.			
Pyrenees	Pyrenees	Pyrenees	Pyrenees	Moonambel	-36.99	143.33	279	16.6	273	Temp.
Rutherglen	Rutherglen	Rutherglen	Rutherglen	Rutherglen	-36.05	146.46	171	19.3	285	Hot
Strathbogie Ranges	Strathbogie Ranges	Ranges	Ranges	Strathbogie	-36.86	145.86	480	15.5	490	Temp.
Sunbury	Sunbury	Sunbury	Sunbury	Sunbury	-37.58	144.71	243	17.0	332	Temp.
Swan Hill (VIC)	Swan Hill (VIC)	Swan Hill (VIC)	Swan Hill (VIC)	Swan Hill	-35.34	143.55	70	20.4	183	Hot
Upper Goulburn	Upper Goulburn	Upper Goulburn	Upper Goulburn	Alexandra	-37.19	145.71	223	17.3	366	Warm
Western Victoria - other		-37.74	142.02	192	15.9	291	Temp.			
Yarra Valley	Yarra Valley	Yarra Valley	Yarra Valley	Healesville	-37.81	145.51	130	16.8	532	Temp.
<b>Western Australia</b>					<b>-33.95</b>	<b>115.78</b>	<b>85</b>	<b>18.8</b>	<b>256</b>	<b>Warm</b>
Blackwood Valley	Blackwood Valley	Blackwood Valley	Blackwood Valley	Nannup	-33.98	115.77	109	18.7	222	Warm
Central Western Australia	Central Western Australia	Central Western Australia	Central Western Australia	Northam	-31.65	116.67	155	22.2	120	Hot
Eastern Plains, Inland and North WA	Nyabing	-33.54	118.15	334	19.1	143	Hot			
Geographe	Geographe	Geographe	Geographe	Bunbury	-33.32	115.64	2	20.0	178	Hot
Great Southern	Great Southern	Great Southern	Great Southern	Denmark	-34.96	117.35	36	17.6	338	Warm
Greater Perth - other		-32.54	115.74	6	20.8	179	Hot			
Manjimup	Manjimup	Manjimup	Manjimup		-34.24	116.15	282	17.8	250	Warm
Margaret River	Margaret River	Margaret River	Margaret River	Margaret River	-33.95	115.07	109	18.8	245	Warm
Peel	Peel	Peel	Peel	Mandurah	-32.54	115.74	6	20.8	179	Hot
Pemberton	Pemberton	Pemberton	Pemberton	Pemberton	-34.44	116.04	117	17.7	324	Warm
Perth Hills	Perth Hills	Perth Hills	Perth Hills	Mundaring	-31.90	116.16	295	19.8	206	Hot
South West Australia - other		-31.77	116.03	23	21.5	154	Hot			
Swan District	Swan District	Swan District	Swan District	Upper Swan	-31.77	116.03	23	21.5	154	Hot
Western Australia	Western Australia	Western Australia	Western Australia							
Southeast Coast AUSTRIA	Southeast Coast AUSTRIA	Southeast Coast AUSTRIA	Southeast Coast AUSTRIA	Esperance	-33.86	121.89	9	18.9	231	Warm
<b>Burgenland</b>	<b>Burgenland</b>	<b>Burgenland</b>	<b>Burgenland</b>		<b>48.15</b>	<b>16.19</b>	<b>213</b>	<b>15.5</b>	<b>438</b>	<b>Temp.</b>
Mittelburgenland		Mittelburgenland	Horitschon		47.83	16.75	149	15.9	426	Temp.
Neusiedlersee		Neusiedlersee	Neusiedlersee		47.59	16.55	243	15.5	475	Temp.
Neusiedlersee Hügelland		Hügelland	Rust		47.95	16.85	129	15.9	409	Temp.
Südburgenland		Südburgenland	Eisenberg		47.80	16.67	122	16.0	422	Temp.
47.18					47.18	16.43	247	15.4	519	Temp.
<b>Niederösterreich</b>	<b>Niederösterreich</b>	<b>Niederösterreich</b>			<b>48.49</b>	<b>16.02</b>	<b>210</b>	<b>15.4</b>	<b>403</b>	<b>Temp.</b>
Bergland		Bergland	Melk		48.23	15.35	264	15.0	471	Temp.
Carnuntum		Carnuntum	Stixneusiedl		48.04	16.68	170	15.9	420	Temp.
Kamptal		Kamptal	Langenlois		48.47	15.69	212	15.2	410	Temp.
Kremstal		Kremstal	Krems		48.42	15.60	207	14.9	437	Cool
Thermenregion		Thermenregion	Baden		48.00	16.23	229	15.5	434	Temp.
Traisental		Traisental	Traismauer		48.35	15.74	195	15.3	410	Temp.
Wachau		Wachau	Dürnstein		48.40	15.52	240	14.5	458	Cool
Wagram		Wagram	Tulln		48.33	16.06	179	15.7	397	Temp.
Weinviertel		Weinviertel	Mailberg		48.67	16.18	213	15.6	384	Temp.
<b>Steiermark</b>	<b>Steiermark</b>	<b>Steiermark</b>			<b>46.79</b>	<b>15.62</b>	<b>420</b>	<b>15.0</b>	<b>708</b>	<b>Temp.</b>
Steiermark - other		Steiermark - other			46.79	15.62	420	15.0	708	Temp.
Südsteiermark		Südsteiermark	Kitzeck im Sausal		46.78	15.45	543	14.9	764	Cool
Vulkanland Steiermark		Vulkanland								
Weststeiermark		Steiermark	Klöch		46.76	15.97	281	15.1	620	Temp.
<b>Wien and other regions</b>	<b>Wien and other regions</b>	<b>Wien and other regions</b>			<b>48.21</b>	<b>16.37</b>	<b>182</b>	<b>16.0</b>	<b>407</b>	<b>Temp.</b>
Wien		Wien	Wien		48.21	16.37	182	16.0	407	Temp.
Other regions		Other regions			48.21	16.37	182	16.0	407	Temp.
<b>BRAZIL</b>	<b>BRAZIL</b>	<b>BRAZIL</b>	<b>BRAZIL</b>	<b>Bento Gonçalves</b>	<b>-29.17</b>	<b>-51.52</b>	<b>657</b>	<b>19.6</b>	<b>999</b>	<b>Hot</b>
<b>BULGARIA</b>	<b>BULGARIA</b>	<b>BULGARIA</b>	<b>BULGARIA</b>	<b>BULGARIA</b>	<b>42.38</b>	<b>24.69</b>	<b>223</b>	<b>18.3</b>	<b>317</b>	<b>Warm</b>

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
North Central		North Central	North Central	Svishtov	43.62	25.35	3	18.7	364	Warm
Northeast		Northeast	Northeast	Dobrich	43.57	27.83	219	17.3	312	Warm
Northwest		Northwest	Northwest	Vidin	44.00	22.87	38	18.4	360	Warm
South Central		South Central	South Central	Plodvid	42.13	24.75	179	18.8	315	Warm
Southeast		Southeast	Southeast	Melnik	41.52	23.39	378	18.2	301	Warm
Southwest		Southwest	Southwest	Burgas	42.50	27.46	23	18.5	314	Warm
<b>CAMBODIA</b>		<b>CAMBODIA</b>	<b>Phnom Penh</b>		<b>11.56</b>	<b>104.93</b>	<b>8</b>	<b>29.0</b>	<b>1150</b>	<b>Hot</b>
<b>CANADA</b>	<b>CANADA</b>	<b>CANADA</b>	<b>CANADA</b>		<b>45.70</b>	<b>-93.29</b>	<b>206</b>	<b>15.1</b>	<b>431</b>	<b>Temp.</b>
British Columbia		British Columbia	British Columbia	Summerland	49.61	-119.68	434	14.3	189	Cool
Nova Scotia			Nova Scotia	Port Williams	45.10	-64.41	15	13.3	625	Cool
Ontario		Ontario	Ontario	St Catherines	43.18	-79.25	79	15.8	553	Temp.
Quebec			Quebec	Quebec	46.81	-71.21	59	13.9	817	Cool
Other regions			Other regions		45.70	-93.29	206	15.1	431	Temp.
<b>CHILE</b>	<b>CHILE</b>	<b>CHILE</b>	<b>CHILE</b>		<b>-34.38</b>	<b>-71.19</b>	<b>282</b>	<b>17.9</b>	<b>103</b>	<b>Warm</b>
Antofagasta			Antofagasta	Antofagasta	-23.65	-70.40	28	19.3	0	Hot
Araucania	Araucania	Araucania	Araucania	Temuco	-38.74	-72.59	116	14.3	414	Cool
Arica			Arica	Arica	-18.48	-70.31	26	20.4	0	Hot
Atacama	Atacama	Atacama	Atacama	Copiapó	-27.37	-70.33	394	17.0	0	Warm
Coquimbo	Coquimbo	Coquimbo	Coquimbo	Ovalle	-30.60	-71.20	219	17.7	7	Warm
De Los Lagos		De Los Lagos	De Los Lagos	Puerto Montt	-41.47	-72.94	26	13.3	798	Cool
Del Bio Bio	Del Bio Bio	Del Bio Bio	Del Bio Bio	Chillan	-36.60	-72.10	129	16.7	247	Temp.
Del Maule	Del Maule	Del Maule	Del Maule	Curico	-34.97	-71.25	228	17.7	109	Warm
Metropolitana	Metropolitana	Metropolitana	Metropolitana	Santiago	-33.49	-70.67	508	19.0	47	Hot
O'Higgins	O'Higgins	O'Higgins	O'Higgins	San Fernando	-34.59	-70.99	339	18.3	112	Warm
Tarapaca			Tarapaca	Iquique	-20.24	-70.14	31	19.5	0	Hot
Valparaiso	Valparaiso	Valparaiso	Valparaiso	Casablanca	-33.32	-71.41	266	17.6	38	Warm
<b>CHINA</b>		<b>CHINA</b>	<b>CHINA</b>		<b>38.40</b>	<b>107.47</b>	<b>835</b>	<b>18.1</b>	<b>341</b>	<b>Warm</b>
Beijing		Beijing		Beijing	39.90	116.41	49	20.7	541	Hot
Gansu		Gansu		Lanzhou	36.06	103.83	1526	16.9	325	Temp.
Ningxia		Ningxia		Yinchuan	38.28	106.23	1111	17.2	192	Warm
Shandong		Shandong		Qingdao	36.07	120.38	66	20.0	609	Hot
ShanXi		ShanXi		Taiyuan	37.85	112.57	802	18.3	411	Warm
Sichuan		Sichuan		Chengdu	30.57	104.07	485	22.3	940	Hot
Tianjin		Tianjin		Tianjin	39.08	117.20	5	21.2	513	Hot
Xinjiang		Xinjiang		Ürümqi	43.83	87.62	838	18.1	173	Warm
Yantai		Yantai		Yantai	37.46	121.45	28	19.4	618	Hot
Other regions		Other regions			38.40	107.47	835	18.1	341	Warm
<b>CROATIA</b>	<b>CROATIA</b>	<b>CROATIA</b>	<b>CROATIA</b>		<b>45.06</b>	<b>16.32</b>	<b>79</b>	<b>18.5</b>	<b>504</b>	<b>Warm</b>
Dalmatinska Zagora		Zagora		Sinj	43.70	16.64	331	18.4	483	Warm
Hrvatsko Primorje		Hrvatsko Primorje		Rijeka	45.33	14.44	60	19.1	773	Hot
Istra		Istra		Novigrad	45.32	13.56	2	19.3	538	Hot
Jadranska Hrvatska		Jadranska								
		Hrvatska								
Kontinentalna Hrvatska		Kontinentalna								
Moslavina		Moslavina								
Plesivica		Plesivica								
Podunavlje		Podunavlje								
Pokuplje		Pokuplje								
Prigorje - Bilogora		Prigorje - Bilogora		Bjelovar	45.90	16.84	135	17.4	529	Warm
Sjeverna Dalmacija		Sjeverna								
Slavonija		Dalmacija		Zadar	44.12	15.23	7	19.8	471	Hot
		Slavonija		Virovitica	45.83	17.39	122	17.3	533	Warm
Srednja Juzna Dalmacija		Srednja Juzna								
		Dalmacija								
Zagorje-Medimurje		Zagorje-								
Other regions		Medimurje								
<b>CYPRUS</b>	<b>CYPRUS</b>	<b>CYPRUS</b>	<b>CYPRUS</b>		<b>34.82</b>	<b>32.91</b>	<b>479</b>	<b>21.2</b>	<b>117</b>	<b>Hot</b>
<b>CZECHIA</b>	<b>CZECHIA</b>	<b>CZECHIA</b>	<b>CZECHIA</b>		<b>48.92</b>	<b>16.01</b>	<b>284</b>	<b>15.3</b>	<b>390</b>	<b>Temp.</b>
Cechy		Cechy		Kutná Hora	49.95	15.27	307	14.2	382	Cool
Jihovýchod		Jihovýchod		Znojmo	48.86	16.05	285	15.3	387	Temp.
Morava		Morava		Bzenec	48.97	17.27	196	15.1	479	Temp.
Praha		Praha		Prague	50.08	14.44	276	15.7	384	Temp.
Severozápad		Severozápad		Most	50.50	13.63	282	14.1	464	Cool
<b>ETHIOPIA</b>		<b>ETHIOPIA</b>	<b>ETHIOPIA</b>	<b>Addis Ababa</b>	<b>8.98</b>	<b>38.76</b>	<b>2296</b>	<b>17.0</b>	<b>942</b>	<b>Temp.</b>
<b>FRANCE</b>	<b>FRANCE</b>	<b>FRANCE</b>	<b>FRANCE</b>		<b>44.75</b>	<b>2.40</b>	<b>78</b>	<b>17.6</b>	<b>409</b>	<b>Warm</b>
Alsace	Alsace	Alsace	Alsace		<b>48.07</b>	<b>7.40</b>	<b>194</b>	<b>15.6</b>	<b>420</b>	<b>Temp.</b>
Bas-Rhin		Bas-Rhin		Sélestat	48.26	7.45	176	15.6	447	Temp.

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Haut-Rhin		Haut-Rhin		Colmar	47.93	7.36	207	15.6	400	Temp.
<b>Aquitaine</b>			<b>Aquitaine</b>		<b>44.39</b>	<b>-0.50</b>		<b>50</b>	<b>16.9</b>	<b>459 Temp.</b>
Aquitaine except Gironde	Aquitaine except Gironde				44.45	0.28	63	17.0	524	Warm
Dordogne		Dordogne		Bergerac	44.85	0.48	39	16.9	490	Temp.
Gironde	Gironde	Gironde		Merignac	44.38	-0.66	47	16.9	445	Temp.
Landes		Landes		Villeneuve-de-Marsan	43.89	-0.31	89	16.9	543	Temp.
Lot-et-Garonne		Lot-et-Garonne		Buzet	44.25	0.30	47	17.0	507	Warm
Pyrenees-Atlantiques		Pyrenees-Atlantiques		Pau	43.30	-0.37	206	17.7	736	Warm
<b>Auvergne</b>	<b>Auvergne</b>		<b>Auvergne</b>		<b>45.96</b>	<b>3.21</b>		<b>358</b>	<b>15.5</b>	<b>459 Temp.</b>
Allier		Allier		St Pourcain sur Sioule	46.31	3.29	252	15.6	475	Temp.
Cantal		Cantal		Aurillac	44.93	2.44	630	14.1	487	Cool
Haute-Loire		Haute-Loire		Le Puy	45.04	3.88	637	14.1	487	Cool
Puy-de-Dome		Puy-de-Dome		Clermont-Ferrand	45.78	3.09	415	15.5	443	Temp.
<b>Bourgogne</b>	<b>Bourgogne</b>		<b>Bourgogne</b>		<b>47.00</b>	<b>4.56</b>		<b>193</b>	<b>15.7</b>	<b>470 Temp.</b>
Cote-d'Or		Cote-d'Or		Dijon	47.27	5.04	219	15.6	459	Temp.
Nievre		Nievre		Cosne-Cours-sur-Loire	47.38	2.93	179	15.4	424	Temp.
Saone-et-Loire		Saone-et-Loire		Mâcon	46.31	4.83	197	16.2	509	Temp.
Yonne		Yonne		Chablis	47.82	3.80	152	15.2	423	Temp.
<b>Centre-Val de Loire</b>	<b>Centre-Val de Loire</b>		<b>Centre-Val de Loire</b>		<b>47.40</b>	<b>1.26</b>		<b>109</b>	<b>15.7</b>	<b>386 Temp.</b>
Cher		Cher		Bourges	47.06	2.40	161	15.8	421	Temp.
Eure-et-Loire		Eure-et-Loire		Chartres	48.44	1.49	155	14.9	354	Cool
Indre		Indre		Châteauroux	46.81	1.69	155	15.8	438	Temp.
Indre-et-Loire		Indre-et-Loire		Tours	47.44	0.68	108	15.6	373	Temp.
Loiret		Loiret		Orléans	47.90	1.91	114	15.6	371	Temp.
Loir-et-Cher		Loir-et-Cher		Blois	47.59	1.34	75	15.6	377	Temp.
<b>Champagne-Ardenne</b>	<b>Champagne-Ardenne</b>		<b>Champagne-Ardenne</b>		<b>48.99</b>	<b>4.18</b>		<b>147</b>	<b>14.6</b>	<b>399 Cool</b>
Aube		Aube		Fontette	48.08	4.61	306	14.3	480	Cool
Haute-Marne		Haute-Marne		Chaumont	48.11	5.14	290	14.5	443	Cool
Marne		Marne		Reims	49.31	4.03	91	14.7	370	Cool
<b>Corse</b>	<b>Corse</b>		<b>Corse</b>		<b>42.27</b>	<b>9.34</b>		<b>11</b>	<b>17.8</b>	<b>318 Warm</b>
Corse-du-Sud		Corse-du-Sud		Ajaccio	41.92	8.74	16	19.1	282	Hot
Haute-Corse		Haute-Corse		Bastia	42.33	9.45	10	17.6	324	Warm
<b>Franche Comté</b>	<b>Franche Comté</b>		<b>Franche Comté</b>		<b>46.75</b>	<b>5.60</b>		<b>261</b>	<b>15.9</b>	<b>681 Temp.</b>
Doubs		Doubs		Besançon	47.23	6.02	354	15.3	666	Temp.
Haute-Saône		Haute-Saône		Vesoul	47.62	6.15	220	15.1	603	Temp.
Jura		Jura		Lons-le-Saunier	46.67	5.55	262	16.0	687	Temp.
<b>Île de France</b>			<b>Île de France</b>		<b>48.95</b>	<b>3.13</b>		<b>63</b>	<b>14.7</b>	<b>372 Cool</b>
Seine-et-Marne	Seine-et-Marne	Seine-et-Marne		La Ferté-sous-Jouarre	48.95	3.13	63	14.7	372	Cool
<b>Languedoc Roussillon</b>			<b>Languedoc Roussillon</b>		<b>43.34</b>	<b>3.20</b>		<b>53</b>	<b>18.9</b>	<b>348 Warm</b>
Aude	Aude	Aude		Carcassonne	43.21	2.35	115	18.2	362	Warm
Gard	Gard	Gard		Nîmes	43.84	4.36	45	19.2	435	Hot
Herault	Herault	Herault		Beziers	43.32	3.22	15	19.1	301	Hot
Lozère		Lozère		Mende	44.52	3.50	753	13.2	516	Cool
Pyrenees-Orientales	Pyrenees-Orientales	Pyrenees-Orientales		Perpignan	42.74	2.89	42	19.6	290	Hot
<b>Limousin</b>			<b>Limousin</b>		<b>45.27</b>	<b>1.77</b>		<b>248</b>	<b>15.8</b>	<b>510 Temp.</b>
Corrèze		Corrèze		Tulle	45.27	1.77	248	15.8	510	Temp.
Corrèze, Haute-Vienne		Corrèze, Haute-Vienne		Tulle	45.27	1.77	248	15.8	510	Temp.
<b>Lorraine</b>	<b>Lorraine</b>		<b>Lorraine</b>		<b>48.74</b>	<b>6.17</b>		<b>211</b>	<b>14.9</b>	<b>449 Cool</b>
Meurthe-et-Moselle		Meurthe-et-Moselle		Nancy	48.69	6.18	198	14.9	447	Cool
Meuse		Meuse		Toul	48.68	5.89	211	14.7	425	Cool
Moselle		Moselle		Metz	49.12	6.18	180	15.1	430	Temp.
Vosges		Vosges		Épinal	48.17	6.44	327	14.4	523	Cool
<b>Midi Pyrénées</b>			<b>Midi Pyrénées</b>		<b>43.85</b>	<b>1.11</b>		<b>153</b>	<b>17.4</b>	<b>493 Warm</b>
Midi-Pyrénées										
Midi-Pyrénées except Gers					44.04	1.59	156	17.4	428	Warm
Ariège		Ariège		Foix	42.96	1.61	394	16.1	499	Temp.
Aveyron		Aveyron		Estaing	44.55	2.67	331	15.5	405	Temp.
Gers	Gers	Gers		Auch	43.65	0.59	151	17.4	561	Warm
Haute-Garonne		Haute-Garonne		Toulouse	43.60	1.44	145	18.0	396	Warm

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Hauts-Pyrenees		Hauts-Pyrenees		Tarbes	43.23	0.08	309	17.4	663	Warm
Lot		Lot		Cahors	44.45	1.44	165	16.9	459	Temp.
Tarn		Tarn		Gaillac	43.90	1.90	145	17.8	397	Warm
Tarn-et-Garonne		Tarn-et-Garonne		Montauban	44.02	1.35	91	17.5	420	Warm
<b>Pays de la Loire</b>			<b>Pays de la Loire</b>		<b>47.31</b>	<b>-0.99</b>		<b>33</b>	<b>15.9</b>	<b>385 Temp.</b>
Pays de la Loire except Mayenne	Pays de la Loire except Mayenne				47.31	-0.99	33	15.9	385	Temp.
Loire-Atlantique		Loire-Atlantique		Nantes	47.15	-1.55	26	15.9	396	Temp.
Maine-et-Loire		Maine-et-Loire		Angers	47.47	-0.55	36	15.9	377	Temp.
Mayenne		Mayenne		Laval	48.08	-0.77	64	15.3	397	Temp.
Sarthe		Sarthe		Le Mans	48.01	-0.20	69	15.3	383	Temp.
Vendee		Vendee		La Roche-sur-Yon	46.67	-1.43	57	15.9	383	Temp.
<b>Picardie</b>			<b>Picardie</b>		<b>49.38</b>	<b>3.32</b>		<b>51</b>	<b>14.8</b>	<b>377 Cool</b>
Aisne	Aisne	Aisne		Soissons	49.38	3.32	51	14.8	377	Cool
<b>Poitou Charentes</b>			<b>Poitou Charentes</b>		<b>45.94</b>	<b>-0.47</b>		<b>58</b>	<b>16.6</b>	<b>403 Temp.</b>
Charente	Charente	Charente		Angoulême	45.65	0.16	103	16.5	431	Temp.
Charente-Maritime	Charente-Maritime	Charente-Maritime		La Rochelle	46.16	-1.15	8	16.8	376	Temp.
Deux-Sevres		Deux-Sevres		Thouars	46.98	-0.22	90	15.8	393	Temp.
Deux-Sevres, Vienne	Vienne	Vienne			46.72	0.14	105	15.8	386	Temp.
Vienne		Vienne		Poitiers	46.58	0.34	114	15.8	382	Temp.
<b>Provence-Alpes-Cote d'Azur</b>			<b>Provence-Alpes-Cote d'Azur</b>		<b>43.61</b>	<b>5.26</b>		<b>51</b>	<b>19.3</b>	<b>387 Hot</b>
Alpes-de-Haute-Provence		Alpes-de-Haute-Provence		Pierrevert	43.81	5.75	420	18.0	401	Warm
Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-Maritimes	Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-Maritimes	Alpes-Maritimes			43.94	6.00	433	17.6	418	Warm
Alpes-Maritimes		Bouches-du-Rhône		Nice	43.71	7.26	25	19.0	391	Warm
Bouches-du-Rhône	Rhône	Bouches-du-Rhône		Aix-en-Provence	43.53	5.45	197	19.0	353	Warm
Hautes-Alpes		Var		Gap	44.56	6.08	746	14.9	499	Cool
Var	Var	Var		Toulon	43.12	5.93	11	19.2	321	Hot
Vaucluse	Vaucluse	Vaucluse		Avignon	43.91	4.81	34	19.5	432	Hot
<b>Rhône Alpes</b>			<b>Rhône Alpes</b>		<b>45.31</b>	<b>4.91</b>		<b>169</b>	<b>17.2</b>	<b>542 Warm</b>
Rhône-Alpes except Ardeche	Rhône-Alpes except Ardeche				45.38	4.93	181	17.3	542	Warm
Ain		Ain		Belley	45.76	5.69	292	16.3	616	Temp.
Ardeche	Ardeche	Ardeche		Tourron	45.07	4.83	124	17.1	543	Warm
Drome		Drome		Valence	44.91	4.89	160	17.6	552	Warm
Haute-Savoie		Haute-Savoie		Annecy	45.90	6.13	455	15.5	562	Temp.
Isere		Isere		Grenoble	45.19	5.72	209	17.5	563	Warm
Loire		Loire		Boën-sur-Lignon	45.75	4.00	407	15.3	487	Temp.
Rhône		Rhône		Lyon	45.76	4.84	173	17.4	525	Warm
Savoie		Savoie		Chambery	45.64	5.92	235	15.7	594	Temp.
<b>GEORGIA</b>	<b>GEORGIA</b>	<b>GEORGIA</b>	<b>GEORGIA</b>	<b>Telavi</b>	<b>41.91</b>	<b>45.48</b>	<b>716</b>	<b>16.6</b>	<b>581</b>	<b>Temp.</b>
<b>GERMANY</b>	<b>GERMANY</b>	<b>GERMANY</b>	<b>GERMANY</b>		<b>49.41</b>	<b>8.34</b>	<b>187</b>	<b>15.0</b>	<b>443</b>	<b>Cool</b>
Ahr	Ahr	Ahr	Ahr	Ahrweiler	50.54	7.12	108	13.9	438	Cool
Baden	Baden	Baden	Baden	Baden-Baden	48.77	8.23	327	15.0	684	Cool
Franken	Franken	Franken	Franken	Würzburg	49.79	9.95	275	14.4	373	Cool
Hessische Bergstraße	Hessische Bergstraße	Hessische Bergstraße	Hessische Bergstraße	Bensheim	49.69	8.62	107	15.6	427	Temp.
Mittelrhein	Mittelrhein	Mittelrhein	Mittelrhein	Bad Ems	50.34	7.71	149	13.7	504	Cool
Mosel	Mosel	Mosel	Mosel	Trier	49.75	6.64	137	14.4	462	Cool
Nahe	Nahe	Nahe	Nahe	Schloßböckelheim	49.81	7.74	158	14.1	357	Cool
Pfalz	Pfalz	Pfalz	Pfalz	Bad Dürkheim	49.46	8.17	136	15.1	361	Temp.
Rheingau	Rheingau	Rheingau	Rheingau	Geisenheim	49.59	7.97	115	14.2	367	Cool
Rheinhessen	Rheinhessen	Rheinhessen	Rheinhessen	Worms	49.63	8.35	105	15.6	386	Temp.
Saale	Saale	Saale	Saale	Naumburg	51.15	11.81	131	14.4	378	Cool
Sachsen	Sachsen	Sachsen	Sachsen	Dresden	51.05	13.74	140	15.3	435	Temp.
Württemberg	Württemberg	Württemberg	Württemberg	Stuttgart	48.78	9.18	314	14.5	482	Cool
<b>GREECE</b>	<b>GREECE</b>	<b>GREECE</b>	<b>GREECE</b>		<b>38.27</b>	<b>23.36</b>	<b>148</b>	<b>21.2</b>	<b>194</b>	<b>Hot</b>
Anatoliki Makedonia, Thraki	Anatoliki Makedonia, Thraki	Anatoliki Makedonia, Thraki	Anatoliki Makedonia, Thraki	Maronia	40.90	25.52	181	19.2	248	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Attiki	Attiki	Attiki	Attiki	Athens	37.98	23.73	69	23.0	139	Hot
Dytiki Ellada	Dytiki Ellada	Dytiki Ellada	Dytiki Ellada	Patras	38.25	21.73	1	21.4	223	Hot
Dytiki Makedonia	Dytiki Makedonia	Dytiki Makedonia	Dytiki Makedonia	Amindeo	40.69	21.68	594	18.0	330	Warm
Ionia Nisia	Ionia Nisia	Ionia Nisia	Ionia Nisia	Argostoli	38.17	20.49	9	21.4	262	Hot
Ipeiros	Ipeiros	Ipeiros	Ipeiros	Zitsa	39.75	20.65	684	18.8	414	Warm
Kentriki Makedonia	Makedonia	Makedonia	Makedonia	Goumenissa	40.95	22.45	231	19.7	274	Hot
Kriti	Kriti	Kriti	Kriti	Iraklion	35.34	25.14	12	22.6	120	Hot
Notio Aigaio	Notio Aigaio	Notio Aigaio	Notio Aigaio	Paros	37.09	25.15	3	22.1	87	Hot
Peloponnisos	Peloponnisos	Peloponnisos	Peloponnisos	Nemea	37.82	22.66	309	20.3	230	Hot
Sterea Ellada	Sterea Ellada	Sterea Ellada	Sterea Ellada	Halkida	38.47	23.62	6	21.9	161	Hot
Thessalia	Thessalia	Thessalia	Thessalia	Rapsani	39.90	22.55	494	19.9	245	Hot
Voreio Aigaio	Voreio Aigaio	Voreio Aigaio	Voreio Aigaio	Limnos	39.92	25.14	144	20.1	184	Hot
<b>HUNGARY</b>	<b>HUNGARY</b>	<b>HUNGARY</b>	<b>HUNGARY</b>		<b>47.14</b>	<b>19.36</b>	<b>135</b>	<b>16.7</b>	<b>386</b>	<b>Temp.</b>
Badacsony		Badacsony	Badacsony	Badacsontomaj	46.80	17.51	155	16.5	431	Temp.
Balatonboglar		Balatonboglar	Balatonboglar	Balatonboglár	46.77	17.66	138	16.8	415	Temp.
Balatonfelvidek		Balatonfelvidek	Balatonfelvidek	Monostorapáti	46.93	17.56	154	16.0	435	Temp.
Balatonfured-Csopak		Csopak	Csopak	Balatonfüred	46.96	17.89	139	16.2	412	Temp.
Bukk		Bukk	Bukk	Miskolc	48.10	20.78	215	15.9	396	Temp.
				Hódmezővásárhely						
Csongrad		Csongrad	Csongrad	y	46.42	20.33	76	17.0	350	Temp.
Eger		Eger	Eger	Eger	47.90	20.38	163	16.7	388	Temp.
Etyek-Budai		Etyek-Budai	Etyek-Budai	Etyek	47.45	18.75	178	16.8	367	Temp.
Hajos-Bajai		Hajos-bajai	Hajos-Bajai	Baja	46.18	18.95	99	17.2	382	Warm
Kunsag		Kunsag	Kunsag	Kecskemét	46.90	19.69	115	16.9	359	Temp.
Matra		Matra	Matra	Gyöngyös	47.78	19.93	164	16.8	374	Temp.
Mor		Mor	Mor	Mór	47.37	18.20	177	16.4	378	Temp.
Nagy-Somlo		Nagy-Somlo	Nagy-Somlo	Somlóvásárhely	47.12	17.38	152	16.1	422	Temp.
Neszmely		Neszmely	Neszmely	Neszmély	47.73	18.35	161	16.4	367	Temp.
Pannonhalma		Pannonhalma	Pannonhalma	Pannonhalma	47.55	17.76	173	16.2	385	Temp.
Pecs		Pecs	Pecs	Pécs	46.07	18.23	207	17.2	428	Warm
Sopron		Sopron	Sopron	Sopron	47.68	16.58	217	15.6	473	Temp.
Szekszard		Szekszard	Szekszard	Szekszárd	46.35	18.71	100	17.2	383	Warm
Tokaj		Tokaj	Tokaj	Tokaj	48.10	21.41	133	15.8	404	Temp.
Tolna		Tolna	Tolna	Paks	46.61	18.85	93	17.3	371	Warm
Villany		Villany	Villany	Villány	45.87	18.45	110	17.0	426	Warm
Zala		Zala	Zala	Nagykanizsa	46.46	16.99	157	16.0	510	Temp.
<b>INDIA</b>		<b>INDIA</b>	<b>INDIA</b>	<b>Nashik</b>	<b>20.00</b>	<b>73.79</b>	<b>589</b>	<b>26.9</b>	<b>1137</b>	<b>Hot</b>
<b>ISRAEL</b>	<b>ISRAEL</b>	<b>ISRAEL</b>	<b>ISRAEL</b>	<b>Jerusalem</b>	<b>31.77</b>	<b>35.21</b>	<b>773</b>	<b>21.2</b>	<b>36</b>	<b>Hot</b>
<b>ITALY</b>	<b>ITALY</b>	<b>ITALY</b>	<b>ITALY</b>		<b>42.44</b>	<b>12.56</b>	<b>123</b>	<b>19.6</b>	<b>382</b>	<b>Hot</b>
<b>Abruzzo</b>			<b>Abruzzo</b>		<b>42.39</b>	<b>14.12</b>	<b>290</b>	<b>19.3</b>	<b>390</b>	<b>Hot</b>
Chieti	Chieti	Chieti	Chieti	Chieti	42.35	14.16	320	19.4	382	Hot
L'Aquila	L'Aquila	L'Aquila	L'Aquila	L'Aquila	42.35	13.40	712	17.0	574	Warm
Pescara	Pescara	Pescara	Pescara	Pescara	42.46	14.22	7	19.6	354	Hot
Teramo	Teramo	Teramo	Teramo	Teramo	42.66	13.70	270	18.5	480	Warm
<b>Basilicata</b>			<b>Basilicata</b>		<b>40.65</b>	<b>16.01</b>	<b>706</b>	<b>17.2</b>	<b>307</b>	<b>Warm</b>
Matera	Matera	Matera	Matera	Matera	40.67	16.60	393	19.0	296	Hot
Potenza	Potenza	Potenza	Potenza	Potenza	40.64	15.81	813	16.6	311	Temp.
<b>Calabria</b>			<b>Calabria</b>		<b>39.01</b>	<b>16.48</b>	<b>150</b>	<b>20.9</b>	<b>313</b>	<b>Hot</b>
Catanzaro	Catanzaro	Catanzaro	Catanzaro	Catanzaro	38.91	16.59	304	20.9	334	Hot
Cosenza	Cosenza	Cosenza	Cosenza	Cosenza	39.30	16.25	246	20.0	362	Hot
Crotone	Crotone	Crotone	Crotone	Crotone	39.08	17.13	7	21.4	240	Hot
Reggio di Calabria	Reggio di Calabria	Reggio di Calabria	Reggio di Calabria	Reggio di Calabria	38.11	15.65	29	23.2	315	Hot
Vibo Valentia	Vibo Valentia	Vibo Valentia	Vibo Valentia	Vibo Valentia	38.68	16.10	487	19.7	362	Hot
<b>Campania</b>			<b>Campania</b>		<b>40.99</b>	<b>14.71</b>	<b>173</b>	<b>19.5</b>	<b>398</b>	<b>Hot</b>
Avellino	Avellino	Avellino	Avellino	Avellino	40.91	14.79	352	18.4	392	Warm
Benevento	Benevento	Benevento	Benevento	Benevento	41.13	14.79	160	19.6	378	Hot
Caserta	Caserta	Caserta	Caserta	Caserta	41.07	14.33	66	20.3	422	Hot
Napoli	Napoli	Napoli	Napoli	Napoli	40.85	14.27	6	20.4	441	Hot
Salerno	Salerno	Salerno	Salerno	Salerno	40.68	14.77	56	20.2	438	Hot
<b>Emilia-Romagna</b>			<b>Emilia-Romagna</b>		<b>44.54</b>	<b>11.39</b>	<b>34</b>	<b>19.4</b>	<b>422</b>	<b>Hot</b>
Bologna	Bologna	Bologna	Bologna	Bologna	44.49	11.34	91	19.6	423	Hot
Ferrara	Ferrara	Ferrara	Ferrara	Ferrara	44.84	11.62	7	20.3	374	Hot
Forli-Cesena	Forli-Cesena	Forli-Cesena	Forli-Cesena	Forli	44.22	12.04	27	19.5	434	Hot
Modena	Modena	Modena	Modena	Modena	44.65	10.93	37	19.5	434	Hot
Parma	Parma	Parma	Parma	Parma	44.80	10.33	57	19.2	439	Hot
Piacenza	Piacenza	Piacenza	Piacenza	Piacenza	45.05	9.69	59	18.6	481	Warm
Ravenna	Ravenna	Ravenna	Ravenna	Ravenna	44.42	12.20	-3	19.7	384	Hot
Reggio nell'Emilia	Reggio nell'Emilia	Reggio nell'Emilia	Reggio nell'Emilia	Reggio nell'Emilia	44.70	10.63	56	19.2	430	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Rimini	Rimini	Rimini		Rimini	44.07	12.57	3	19.2	432	Hot
<b>Friuli-Venezia Giulia</b>			<b>Friuli-Venezia Giulia</b>							
Gorizia	Gorizia	Gorizia		Gorizia	45.94	13.62	83	18.3	920	Warm
Pordenone	Pordenone	Pordenone		Pordenone	45.96	12.66	24	18.6	714	Warm
Trieste	Trieste	Trieste		Trieste	45.65	13.78	13	19.1	665	Hot
Udine	Udine	Udine		Udine	46.06	13.23	113	18.4	977	Warm
<b>Lazio</b>			<b>Lazio</b>							
Frosinone	Frosinone	Frosinone		Frosinone	41.63	13.34	175	19.3	537	Hot
Latina	Latina	Latina		Latina	41.47	12.90	27	20.4	388	Hot
Rieti	Rieti	Rieti		Rieti	42.40	12.86	391	18.3	381	Warm
Roma	Roma	Roma		Roma	41.90	12.50	58	20.1	317	Hot
Viterbo	Viterbo	Viterbo		Viterbo	42.42	12.13	328	18.3	153	Warm
<b>Liguria</b>			<b>Liguria</b>							
Genova	Genova	Genova		Genova	44.41	8.95	6	19.4	650	Hot
Imperia	Imperia	Imperia		Imperia	43.89	8.04	9	19.3	361	Hot
La Spezia	La Spezia	La Spezia		La Spezia	44.10	9.82	-3	19.3	455	Hot
Savona	Savona	Savona		Savona	44.30	8.46	10	19.8	459	Hot
<b>Lombardia</b>			<b>Lombardia</b>							
Bergamo	Bergamo	Bergamo		Bergamo	45.70	9.68	257	18.1	731	Warm
Brescia	Brescia	Brescia		Brescia	45.54	10.21	138	18.8	593	Warm
Como	Como	Como		Como	45.81	9.09	206	16.3	888	Temp.
Cremona	Cremona	Cremona		Cremona	45.13	10.02	42	18.9	490	Warm
Lecco	Lecco	Lecco		Lecco	45.86	9.40	222	16.9	829	Temp.
Lodi	Lodi	Lodi		Lodi	45.31	9.50	80	18.4	534	Warm
Mantova	Mantova	Mantova		Mantova	45.16	10.79	21	19.3	414	Hot
Milano	Milano	Milano		Milano	45.46	9.19	110	19.0	632	Hot
Monza e della Brianza		Monza e della Brianza		Monza	45.58	9.27	168	18.4	678	Warm
Pavia	Pavia	Pavia		Pavia	45.18	9.16	74	18.4	463	Warm
Sondrio	Sondrio	Sondrio		Sondrio	46.17	9.88	299	13.5	602	Cool
Varese	Varese	Varese		Varese	45.82	8.83	386	17.0	862	Temp.
<b>Marche</b>			<b>Marche</b>							
Ancona	Ancona	Ancona		Ancona	43.62	13.52	27	19.1	404	Hot
Ascoli Piceno	Ascoli Piceno	Ascoli Piceno		Ascoli Piceno	42.85	13.57	156	19.1	449	Hot
Fermo		Fermo		Fermo	43.16	13.72	227	19.0	399	Warm
Macerata	Macerata	Macerata		Macerata	43.30	13.45	289	18.5	408	Warm
Pesaro e Urbino	Pesaro e Urbino	Pesaro e Urbino		Urbino	43.74	12.64	452	18.3	507	Warm
<b>Molise</b>			<b>Molise</b>							
Campobasso	Campobasso	Campobasso		Campobasso	41.56	14.66	698	17.4	297	Warm
Isernia	Isernia	Isernia		Isernia	41.60	14.23	474	18.5	382	Warm
<b>Piemonte</b>			<b>Piemonte</b>							
Alessandria	Alessandria	Alessandria		Alessandria	44.91	8.61	96	18.5	452	Warm
Asti	Asti	Asti		Asti	44.90	8.21	124	18.4	392	Warm
Biella	Biella	Biella		Biella	45.56	8.06	416	16.8	577	Temp.
Cuneo	Cuneo	Cuneo		Cuneo	44.38	7.54	551	17.5	440	Warm
Novara	Novara	Novara		Novara	45.45	8.62	168	18.0	568	Warm
Torino	Torino	Torino		Torino	45.20	7.69	302	17.7	556	Warm
Verbano-Cusio-Ossola	Verbano-Cusio-Ossola	Verbano-Cusio-Ossola		Domodossola	46.11	8.29	277	15.0	727	Cool
Vercelli	Vercelli	Vercelli		Vercelli	45.32	8.42	131	18.0	516	Warm
<b>Puglia</b>			<b>Puglia</b>							
Bari	Bari	Bari		Bari	41.12	16.87	6	20.5	276	Hot
Barletta-Andria-Trani		Barletta-Andria-Trani		Barletta	41.32	16.28	13	20.6	233	Hot
Brindisi	Brindisi	Brindisi		Brindisi	40.65	17.94	10	21.0	213	Hot
Foggia	Foggia	Foggia		Foggia	41.46	15.54	71	20.4	265	Hot
Lecce	Lecce	Lecce		Lecce	40.35	18.18	47	21.2	244	Hot
Taranto	Taranto	Taranto		Taranto	40.46	17.25	30	20.9	257	Hot
<b>Sardegna</b>			<b>Sardegna</b>							
Cagliari	Cagliari	Cagliari		Cagliari	39.22	9.12	27	21.2	170	Hot
Carbonia-Iglesias		Carbonia-Iglesias		Carbonia	39.16	8.52	98	21.0	225	Hot
Medio Campidano		Medio Campidano		Sardara	39.61	8.82	147	21.0	213	Hot
Nuoro	Nuoro	Nuoro		Nuoro	40.32	9.33	536	18.9	247	Warm
Ogliastra		Ogliastra		Baunei	40.03	9.66	478	20.5	156	Hot
Olbia-Tempio		Olbia-Tempio		Olbia	40.92	9.50	7	20.4	209	Hot
Oristano	Oristano	Oristano		Oristano	39.91	8.59	7	20.8	210	Hot
Sassari	Sassari	Sassari		Sassari	40.73	8.56	205	19.5	254	Hot
<b>Sicilia</b>			<b>Sicilia</b>							
Agrigento	Agrigento	Agrigento		Agrigento	37.31	13.59	242	21.2	169	Hot
Caltanissetta	Caltanissetta	Caltanissetta		Caltanissetta	37.49	14.06	576	20.1	195	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Catania	Catania	Catania		Catania	37.51	15.08	30	21.5	205	Hot
Enna	Enna	Enna		Enna	37.57	14.28	913	19.0	212	Hot
Messina	Messina	Messina		Messina	38.19	15.55	9	22.7	330	Hot
Palermo	Palermo	Palermo		Palermo	38.12	13.36	9	21.5	197	Hot
Ragusa	Ragusa	Ragusa		Ragusa	36.93	14.73	530	20.0	196	Hot
Siracusa	Siracusa	Siracusa		Siracusa	37.08	15.29	23	21.9	208	Hot
Trapani	Trapani	Trapani		Trapani	38.02	12.54	6	21.7	186	Hot
<b>Toscana</b>			<b>Toscana</b>		<b>43.48</b>	<b>11.22</b>	<b>157</b>	<b>19.1</b>	<b>419</b>	<b>Hot</b>
Arezzo	Arezzo	Arezzo		Arezzo	43.46	11.88	278	18.5	451	Warm
Firenze	Firenze	Firenze		Firenze	43.80	11.26	44	19.3	475	Hot
Grosseto	Grosseto	Grosseto		Grosseto	42.76	11.11	12	19.9	312	Hot
Livorno	Livorno	Livorno		Livorno	43.55	10.31	6	19.4	383	Hot
Lucca	Lucca	Lucca		Lucca	43.84	10.50	26	19.3	501	Hot
Massa-Carrara	Massa-Carrara	Massa-Carrara		Massa	44.04	10.14	56	19.3	539	Hot
Pisa	Pisa	Pisa		Pisa	43.72	10.40	7	19.3	488	Hot
Pistoia	Pistoia	Pistoia		Pistoia	43.93	10.91	65	19.3	501	Hot
Prato	Prato	Prato		Prato	43.88	11.10	62	19.7	490	Hot
Siena	Siena	Siena		Siena	43.32	11.33	347	18.6	372	Warm
<b>Trentino-Alto Adige</b>					<b>46.18</b>	<b>11.19</b>	<b>212</b>	<b>15.4</b>	<b>542</b>	<b>Temp.</b>
Bolzano-Bozen	Bolzano-Bozen	Bolzano-Bozen	Bolzano-Bozen	Bolzano-Bozen	46.46	11.35	241	14.6	549	Cool
Trento	Trento	Trento	Trento	Trento	46.07	11.12	200	15.8	539	Temp.
<b>Umbria</b>			<b>Umbria</b>		<b>42.89</b>	<b>12.49</b>	<b>176</b>	<b>18.7</b>	<b>368</b>	<b>Warm</b>
Perugia	Perugia	Perugia		Perugia	43.10	12.39	208	18.2	403	Warm
Terni	Terni	Terni		Terni	42.56	12.64	126	19.4	314	Hot
<b>Valle d'Aosta</b>	<b>Valle d'Aosta</b>	<b>Valle d'Aosta</b>	<b>Valle d'Aosta</b>	<b>Aosta</b>	<b>45.73</b>	<b>7.31</b>	<b>580</b>	<b>14.4</b>	<b>449</b>	<b>Cool</b>
<b>Veneto</b>			<b>Veneto</b>		<b>45.51</b>	<b>11.69</b>	<b>38</b>	<b>19.3</b>	<b>563</b>	<b>Hot</b>
Belluno	Belluno	Belluno		Belluno	46.14	12.22	395	15.8	681	Temp.
Padova	Padova	Padova		Padova	45.41	11.88	-1	19.3	519	Hot
Rovigo	Rovigo	Rovigo		Rovigo	45.07	11.79	0	19.6	415	Hot
Treviso	Treviso	Treviso		Treviso	45.67	12.24	17	19.1	596	Hot
Venezia	Venezia	Venezia		Venezia	45.44	12.32	10	19.0	481	Hot
Verona	Verona	Verona		Verona	45.38	10.99	73	19.4	535	Hot
Vicenza	Vicenza	Vicenza		Vicenza	45.55	11.54	41	19.7	646	Hot
<b>JAPAN</b>	<b>JAPAN</b>	<b>JAPAN</b>			<b>38.27</b>	<b>139.53</b>	<b>215</b>	<b>18.0</b>	<b>846</b>	<b>Warm</b>
Hokkaido	Hokkaido	Hokkaido		Sapporo	43.06	141.35	20	15.6	769	Temp.
Iwate		Iwate		Morioka	39.70	141.15	150	17.3	948	Warm
Nagano	Nagano	Nagano		Nagano	36.65	138.20	389	18.7	795	Warm
Niigata		Niigata		Niigata	37.92	139.04	16	19.7	1003	Hot
Yamagata	Yamagata	Yamagata		Yamagata	38.26	140.34	168	18.6	831	Warm
Yamanashi	Yamanashi	Yamanashi		Kofu	35.67	138.57	281	19.1	918	Hot
Other regions		Other regions			38.27	139.53	215	18.0	846	Warm
<b>KAZAKHSTAN</b>	<b>KAZAKHSTAN</b>	<b>KAZAKHSTAN</b>			<b>43.24</b>	<b>73.99</b>	<b>647</b>	<b>18.8</b>	<b>264</b>	<b>Warm</b>
Almaty	Almaty	Almaty	Almaty	Almaty	43.22	76.85	852	17.7	357	Warm
East Kazakhstan		East Kazakhstan	East Kazakhstan	Ust'-Kamenogorsk	49.97	82.60	292	13.2	299	Cool
South Kazakhstan		South Kazakhstan	South Kazakhstan	Turkistan	43.31	68.23	217	21.1	78	Hot
West Kazakhstan	West Kazakhstan	West Kazakhstan	Uralsk		51.23	51.39	34	15.7	209	Temp.
Zhambyl	Zhambyl	Zhambyl	Taraz		42.90	71.40	625	19.0	162	Hot
Other regions		Other regions			43.24	73.99	647	18.8	264	Warm
<b>KOREA, REP.</b>	<b>KOREA, REP.</b>	<b>KOREA, REP.</b>			<b>37.57</b>	<b>126.98</b>	<b>56</b>	<b>19.7</b>	<b>1192</b>	<b>Hot</b>
<b>LEBANON</b>		<b>LEBANON</b>	<b>Chtaura</b>		<b>33.82</b>	<b>35.85</b>	<b>910</b>	<b>21.7</b>	<b>102</b>	<b>Hot</b>
<b>LUXEMBOURG</b>	<b>LUXEMBOURG</b>	<b>LUXEMBOURG</b>	<b>LUXEMBOURG</b>	<b>Luxembourg</b>	<b>49.61</b>	<b>6.13</b>	<b>325</b>	<b>14.2</b>	<b>474</b>	<b>Cool</b>
<b>MEXICO</b>		<b>MEXICO</b>	<b>MEXICO</b>		<b>29.08</b>	<b>-111.60</b>	<b>682</b>	<b>22.2</b>	<b>176</b>	<b>Hot</b>
Aguascalientes		Aguascalientes	Aguascalientes	Aguascalientes	21.89	-102.29	1879	19.9	436	Hot
Baja California		Baja California	Baja California	Guadalupe	32.10	-116.57	334	20.6	49	Hot
Coahuila		Coahuila	Coahuila	San Buenaventura	27.06	-101.54	502	26.6	269	Hot
Sonora		Sonora	Sonora	Hermosillo	29.07	-110.96	229	28.1	221	Hot
Zacatecas		Zacatecas	Zacatecas	Zacatecas	22.77	-102.58	2491	17.1	376	Warm
<b>MOLDOVA</b>	<b>MOLDOVA</b>	<b>MOLDOVA</b>	<b>MOLDOVA</b>	<b>Chisinau</b>	<b>47.01</b>	<b>28.86</b>	<b>41</b>	<b>17.2</b>	<b>346</b>	<b>Warm</b>
<b>MOROCCO</b>	<b>MOROCCO</b>	<b>MOROCCO</b>	<b>MOROCCO</b>	<b>Meknes</b>	<b>33.87</b>	<b>-5.54</b>	<b>557</b>	<b>20.9</b>	<b>181</b>	<b>Hot</b>
<b>MYANMAR</b>		<b>MYANMAR</b>	<b>MYANMAR</b>	<b>Mandalay</b>	<b>21.98</b>	<b>96.08</b>	<b>790</b>	<b>29.6</b>	<b>784</b>	<b>Hot</b>
<b>NEW ZEALAND</b>	<b>NEW ZEALAND</b>	<b>NEW ZEALAND</b>	<b>NEW ZEALAND</b>		<b>-41.31</b>	<b>174.23</b>	<b>39</b>	<b>15.7</b>	<b>451</b>	<b>Temp.</b>
Auckland	Auckland	Auckland	Auckland	Auckland	-36.85	174.76	31	17.5	750	Warm
Canterbury	Canterbury	Canterbury	Canterbury	Christchurch	-43.53	172.64	31	14.9	404	Cool
Gisborne	Gisborne	Gisborne	Gisborne	Gisborne	-38.66	178.02	2	16.8	571	Temp.
Hawkes Bay	Hawkes Bay	Hawkes Bay	Hawkes Bay	Napier	-39.50	176.91	2	16.3	498	Temp.
Marlborough	Marlborough	Marlborough	Marlborough	Blenheim	-41.50	173.96	35	15.7	430	Temp.

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Nelson	Nelson	Nelson	Nelson	Nelson	-41.27	173.28	23	15.2	652	Temp.
Northland			Northland	Whangarei	-35.73	174.32	6	17.3	818	Warm
Otago	Otago	Otago	Otago	Cromwell	-45.03	169.20	202	14.1	374	Cool
Waikato	Waikato	Waikato	Waikato	Hamilton	-37.79	175.28	42	16.9	733	Temp.
Waipara	Waipara	Waipara	Waipara	Waipara	-43.05	172.76	71	14.6	378	Cool
Wairarapa	Wairarapa	Wairarapa	Wairarapa	Martinborough	-41.22	175.46	29	15.3	444	Temp.
Other regions		Other regions			-41.31	174.23	39	15.7	451	Temp.
<b>NORTH MACEDONIA</b>				<b>NORTH MACEDONIA</b>	<b>41.03</b>	<b>21.33</b>	<b>622</b>	<b>16.7</b>	<b>356</b>	<b>Temp.</b>
<b>NORWAY</b>				<b>NORWAY</b>	<b>59.91</b>	<b>10.75</b>	<b>117</b>	<b>11.9</b>	<b>484</b>	<b>Cool</b>
<b>PERU</b>				<b>PERU</b>	<b>-16.04</b>	<b>-72.25</b>	<b>1303</b>	<b>18.4</b>	<b>33</b>	<b>Warm</b>
Arequipa	Arequipa	Arequipa	Arequipa	Arequipa	-16.41	-71.54	2325	15.6	76	Temp.
Lima	Lima	Lima	Lima	Lima	-12.05	-77.04	127	20.8	9	Hot
Moquegua	Moquegua	Moquegua	Moquegua	Moquegua	-17.19	-70.93	1431	19.2	17	Hot
Tacna	Tacna	Tacna	Tacna	Tacna	-18.01	-70.25	595	19.8	3	Hot
<b>PORTUGAL</b>				<b>PORTUGAL</b>	<b>40.10</b>	<b>-7.98</b>	<b>230</b>	<b>18.8</b>	<b>410</b>	<b>Warm</b>
Acores	Acores	Acores	Acores	Ponta Delgada	37.74	-25.67	13	19.3	437	Hot
Alentejo	Alentejo	Alentejo	Alentejo	Evora	38.57	-7.91	309	19.8	243	Hot
Algarve	Algarve	Algarve	Algarve	Lagoa	37.13	-8.45	46	20.2	163	Hot
Alto Tras-os-Montes	Montes	Montes		Chaves	41.74	-7.47	365	17.6	642	Warm
Beira Interior	Beira Interior	Beira Interior		Castelo Branco	39.82	-7.50	398	20.1	278	Hot
Beira Litoral	Beira Litoral	Beira Litoral		Coimbra	40.20	-8.41	37	19.2	383	Hot
Centro			Centro		39.55	-8.13	128	19.8	296	Hot
Entre Douro e Minho	Minho	Entre Douro e Minho		Pinhao	41.11	-7.55	120	16.6	470	Temp.
Lisboa			Lisboa	Lisbon	38.72	-9.14	77	19.8	261	Hot
Madeira	Madeira	Madeira		Funchal	32.63	-16.92	58	19.9	218	Hot
Norte			Norte		41.62	-7.49	317	17.4	609	Warm
Ribatejo e Oeste	Ribatejo e Oeste	Ribatejo e Oeste		Coruche	38.96	-8.52	32	19.9	258	Hot
<b>ROMANIA</b>				<b>ROMANIA</b>	<b>45.03</b>	<b>26.24</b>	<b>113</b>	<b>17.7</b>	<b>344</b>	<b>Warm</b>
Bucuresti - Ilfov		Bucuresti - Ilfov		Bucharest	44.43	26.10	75	17.6	409	Warm
Centru		Centru		Blaj	46.18	23.93	284	15.9	434	Temp.
Nord-Est		Nord-Est		Iași	47.16	27.60	118	16.9	402	Temp.
Nord-Vest		Nord-Vest		Oradea	47.05	21.92	124	16.7	375	Temp.
Sud-Est		Sud-Est		Constanța	44.16	28.63	22	18.3	254	Warm
Sud-Muntenia		Sud-Muntenia		Pitești	44.86	24.87	305	16.9	432	Temp.
Sud-Vest Oltenia		Sud-Vest Oltenia		Rogova	44.47	22.81	112	18.4	382	Warm
Vest		Vest		Timișoara	45.75	21.21	90	17.2	398	Warm
<b>RUSSIA</b>				<b>RUSSIA</b>	<b>45.19</b>	<b>36.62</b>	<b>117</b>	<b>17.6</b>	<b>347</b>	<b>Warm</b>
Crimea		Crimea		Simferopol	44.95	34.10	205	17.1	298	Warm
Krasnodar Krai	Krasnodar Krai	Krasnodar Krai		Krasnodar	45.04	38.97	26	18.2	409	Warm
Rostov Oblast	Rostov Oblast	Rostov Oblast		Rostov-on-Don	47.24	39.70	58	17.5	331	Warm
<b>SERBIA</b>				<b>SERBIA</b>	<b>44.00</b>	<b>21.27</b>	<b>161</b>	<b>17.3</b>	<b>408</b>	<b>Warm</b>
Bačka		Bačka		Bačka Topola	45.81	19.64	102	17.2	380	Warm
Banat		Banat		Kikinda	45.83	20.46	78	17.6	366	Warm
Belgrade		Belgrade		Belgrade	44.79	20.45	123	17.8	442	Warm
Čačak-Kraljevo		Čačak-Kraljevo		Čačak	43.89	20.35	241	17.0	512	Warm
Knjaževac		Knjaževac		Knjaževac	43.57	22.25	246	17.0	392	Temp.
Leskovac		Leskovac		Leskovac	43.00	21.94	239	17.5	376	Warm
Mlava		Mlava		Požarevac	44.62	21.18	79	17.5	425	Warm
Negotinska Krajina		Negotinska Krajina		Negotin	44.23	22.53	46	18.1	369	Warm
Niš		Niš		Niš	43.32	21.90	201	17.4	384	Warm
Nišava		Nišava		Bela Palanka	43.21	22.32	329	16.6	389	Temp.
South Banat		South Banat		Bela Crkva	44.90	21.42	121	17.7	439	Warm
Srem		Srem		Novi Sad	45.27	19.83	80	17.7	406	Warm
Subotica		Subotica		Subotica	46.10	19.66	113	17.1	375	Warm
Šumadija		Šumadija		Kragujevac	44.01	20.91	184	17.0	458	Temp.
Telečka		Telečka		Sombor	45.77	19.12	86	17.3	402	Warm
Tisa		Tisa		Senta	45.92	20.08	81	17.3	359	Warm
Toplica		Toplica		Zitoradja	43.19	21.72	214	17.4	387	Warm
Tri Morave		Tri Morave		Kruševac	43.58	21.33	162	17.1	409	Warm
Valjevo		Valjevo		Koceljeva	44.47	19.81	125	17.1	504	Warm
Vranje		Vranje		Vranje	42.55	21.90	446	15.7	399	Temp.
<b>SLOVAKIA</b>				<b>SLOVAKIA</b>	<b>48.24</b>	<b>17.99</b>	<b>152</b>	<b>15.9</b>	<b>420</b>	<b>Temp.</b>
Bratislavský kraj		Juznoslovenska	Bratislavský kraj	Bratislava	48.15	17.11	167	16.0	428	Temp.
Juznoslovenska		Malokarpatska		Dunajská Streda	47.99	17.62	115	16.2	394	Temp.
Malokarpatska		Nitrianska		Modra	48.33	17.31	201	15.7	514	Temp.
Nitrianska				Nitra	48.31	18.08	148	16.0	390	Temp.
Stredné Slovensko		Stredné Slovensko	Stredné Slovensko	Rimavská Sobota	48.38	20.02	220	15.4	393	Temp.

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Tokajská		Tokajská		Čerhov	48.46	21.64	121	15.5	427	Temp.
Východné Slovensko		Východné Slovensko	Východné Slovensko	Kráľovský Chlmec	48.42	21.98	11	15.8	419	Temp.
Západné Slovensko		Západné Slovensko	Slovensko	Nitra	48.31	18.08	148	16.0	390	Temp.
<b>SLOVENIA</b>	<b>SLOVENIA</b>	<b>SLOVENIA</b>	<b>SLOVENIA</b>		<b>46.08</b>	<b>14.55</b>	<b>202</b>	<b>16.8</b>	<b>849</b>	<b>Temp.</b>
Bela Krajina		Bela Krajina	Bela Krajina	Černomelj	45.57	15.19	152	16.4	789	Temp.
Bizeljsko Sremic		Bizeljsko Sremic	Bizeljsko Sremic	Bizeljsko	46.02	15.69	176	15.4	728	Temp.
Dolenjska		Dolenjska	Dolenjska	Dobrovo	46.00	13.53	124	18.2	967	Warm
Goriska brda		Goriska brda	Goriska brda	Neblo	46.01	13.50	91	17.6	1105	Warm
Kras		Kras	Kras	Križ	45.74	13.87	330	16.7	948	Temp.
Prekmurje		Prekmurje	Prekmurje	Gornji Petrovci	46.80	16.22	282	15.4	576	Temp.
Slovenska Istra		Slovenska Istra	Slovenska Istra	Koper	45.55	13.73	9	19.5	624	Hot
Stajerska Slovenija		Stajerska	Stajerska							
Vipavska dolina		Slovenija	Slovenija	Slovenske Konjice	46.34	15.42	339	15.3	811	Temp.
Other regions		Vipavska dolina	Vipavska dolina	Nova Gorica	45.95	13.65	100	18.1	944	Warm
		Other regions			46.08	14.55	202	16.8	849	Temp.
<b>SOUTH AFRICA</b>	<b>SOUTH AFRICA</b>	<b>SOUTH AFRICA</b>	<b>SOUTH AFRICA</b>		<b>-33.28</b>	<b>19.27</b>	<b>182</b>	<b>21.0</b>	<b>173</b>	<b>Hot</b>
Breedekloof	Breedekloof	Breedekloof	Breedekloof	Rawsonville	-33.68	19.31	221	20.5	196	Hot
Cape South Coast			Cape South Coast	Bot River	-34.23	19.20	108	18.7	257	Warm
Little Karoo	Little Karoo	Little Karoo	Little Karoo	Calitzdorp	-33.53	21.68	262	20.6	150	Hot
Northern Cape	Northern Cape	Northern Cape	Northern Cape	Rand	-28.45	21.25	808	24.8	179	Hot
Olifants River	Olifants River	Olifants River	Olifants River	Klawer	-31.77	18.62	51	22.1	55	Hot
Paarl	Paarl	Paarl	Paarl	Paarl	-33.73	18.96	125	21.0	197	Hot
Robertson	Robertson	Robertson	Robertson	Robertson	-33.80	19.89	190	21.3	163	Hot
Stellenbosch	Stellenbosch	Stellenbosch	Stellenbosch	Stellenbosch	-33.90	18.87	146	19.7	222	Hot
Swartland	Swartland	Swartland	Swartland	Malmesbury	-33.47	18.72	115	20.9	147	Hot
Worcester	Worcester	Worcester	Worcester	Worcester	-33.65	19.46	226	21.0	180	Hot
<b>SPAIN</b>	<b>SPAIN</b>	<b>SPAIN</b>	<b>SPAIN</b>		<b>40.71</b>	<b>-3.35</b>	<b>465</b>	<b>20.1</b>	<b>249</b>	<b>Hot</b>
<b>Andalucía</b>			Andalucía		37.11	-5.22	210	21.5	186	Hot
Almeria, Granada, Jaen, Sevilla	Almeria, Granada, Jaen, Sevilla	Almeria, Granada, Jaen, Sevilla	Almeria, Granada, Jaen, Sevilla	Granada	37.18	-3.60	689	20.3	167	Hot
Jerez de la Frontera				Jerez de la Frontera	36.45	-6.12	55	21.4	191	Hot
Cadiz	Cadiz	Cadiz	Cadiz	Cádiz	37.89	-4.78	126	22.4	213	Hot
Cordoba	Cordoba	Cordoba	Cordoba	Córdoba	37.26	-6.94	35	21.7	165	Hot
Huelva	Huelva	Huelva	Huelva	Huelva	36.72	-4.43	54	21.5	165	Hot
Malaga	Malaga	Malaga	Malaga	Málaga	41.75	-0.79	266	19.9	248	Hot
<b>Aragón</b>					41.75	-0.79	266	19.9	248	Hot
Huesca, Teruel	Huesca, Teruel	Huesca, Teruel	Huesca, Teruel	Huesca	42.13	-0.41	459	19.4	334	Hot
Zaragoza	Zaragoza	Zaragoza	Zaragoza	Zaragoza	41.65	-0.89	215	20.0	226	Hot
<b>Canarias</b>	<b>Canarias</b>	<b>Canarias</b>	<b>Canarias</b>		<b>28.46</b>	<b>-16.25</b>	<b>18</b>	<b>22.1</b>	<b>58</b>	<b>Hot</b>
<b>Cantabria</b>	<b>Cantabria</b>	<b>Cantabria</b>	<b>Cantabria</b>		<b>43.46</b>	<b>-3.81</b>	<b>10</b>	<b>17.2</b>	<b>590</b>	<b>Warm</b>
<b>Castilla y León</b>			Castilla y León		41.87	-4.94	806	16.5	264	Temp.
Avila, Palencia, Salamanca, Salamanca, Segovia, Soria	Avila, Palencia, Salamanca, Segovia, Soria	Avila, Palencia, Segovia, Soria	Avila, Palencia, Segovia, Soria	Salamanca	40.97	-5.66	803	16.9	258	Temp.
Burgos	Burgos	Burgos	Burgos	Burgos	42.34	-3.70	857	15.4	282	Temp.
Leon	Leon	Leon	Leon	León	42.60	-5.57	841	16.3	283	Temp.
Valladolid	Valladolid	Valladolid	Valladolid	Valladolid	41.70	-4.72	846	17.0	227	Warm
Zamora	Zamora	Zamora	Zamora	Zamora	41.50	-5.75	645	17.1	289	Warm
<b>Castilla-La Mancha</b>					<b>39.42</b>	<b>-3.20</b>	<b>659</b>	<b>19.6</b>	<b>215</b>	<b>Hot</b>
Albacete	Albacete	Albacete	Albacete	Albacete	38.99	-1.86	683	19.5	224	Hot
Ciudad Real	Ciudad Real	Ciudad Real	Ciudad Real	Ciudad Real	38.98	-3.93	631	20.1	195	Hot
Cuenca	Cuenca	Cuenca	Cuenca	Cuenca	40.07	-2.14	924	17.7	278	Warm
Guadalajara	Guadalajara	Guadalajara	Guadalajara	Guadalajara	40.63	-3.16	702	18.4	216	Warm
Toledo	Toledo	Toledo	Toledo	Toledo	39.86	-4.03	479	20.5	187	Hot
<b>Cataluña</b>					<b>41.30</b>	<b>1.45</b>	<b>61</b>	<b>20.0</b>	<b>347</b>	<b>Hot</b>
Barcelona	Barcelona	Barcelona	Barcelona	Barcelona	41.39	2.17	8	20.0	390	Hot
Girona, Lleida	Girona, Lleida	Girona, Lleida	Girona, Lleida	Lleida	41.62	0.62	175	20.0	228	Hot
Tarragona	Tarragona	Tarragona	Tarragona	Reus	41.15	1.11	71	20.0	345	Hot
<b>Comunidad de Madrid</b>	<b>Comunidad de Madrid</b>	<b>Comunidad de Madrid</b>	<b>Comunidad de Madrid</b>	Madrid	<b>40.42</b>	<b>-3.70</b>	<b>655</b>	<b>19.2</b>	<b>221</b>	<b>Hot</b>
<b>Comunidad Foral de Navarra</b>	<b>Comunidad Foral de Navarra</b>	<b>Comunidad Foral de Navarra</b>	<b>Comunidad Foral de Navarra</b>	Estella	42.67	-2.03	430	16.1	383	Temp.
<b>Comunidad Valenciana</b>				Comunidad Valenciana	39.25	-0.40	9	21.5	237	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Alicante	Alicante	Alicante		Alicante	38.34	-0.49	17	21.8	183	Hot
Castellon	Castellon	Castellon		Castellón de la Plana	39.99	-0.05	36	21.2	284	Hot
Valencia	Valencia	Valencia		Valencia	39.47	-0.38	6	21.5	250	Hot
<b>Extremadura</b>			<b>Extremadura</b>		<b>38.91</b>	<b>-6.94</b>	<b>202</b>	<b>20.7</b>	<b>218</b>	<b>Hot</b>
Badajoz	Badajoz	Badajoz		Badajoz	38.88	-6.97	191	20.7	218	Hot
Caceres	Caceres	Caceres		Cáceres	39.48	-6.37	439	20.8	220	Hot
<b>Galicia</b>	<b>Galicia</b>	<b>Galicia</b>	<b>Galicia</b>	Vigo	<b>42.24</b>	<b>-8.72</b>	<b>261</b>	<b>17.2</b>	<b>640</b>	<b>Warm</b>
<b>Illes Balears</b>	<b>Illes Balears</b>	<b>Illes Balears</b>	<b>Illes Balears</b>	Palma	<b>39.57</b>	<b>2.65</b>	<b>31</b>	<b>20.7</b>	<b>229</b>	<b>Hot</b>
<b>La Rioja</b>	<b>La Rioja</b>	<b>La Rioja</b>	<b>La Rioja</b>	Logrono	<b>42.45</b>	<b>-2.45</b>	<b>353</b>	<b>17.7</b>	<b>249</b>	<b>Warm</b>
<b>Pais Vasco</b>			<b>País Vasco</b>		<b>42.87</b>	<b>-2.68</b>	<b>507</b>	<b>15.8</b>	<b>430</b>	<b>Temp.</b>
Alava	Alava	Alava		Vitoria-Gasteiz	42.85	-2.67	535	15.7	421	Temp.
Guipuzcoa, Vizcaya	Guipuzcoa, Vizcaya	Guipuzcoa, Vizcaya		Bilbao	43.26	-2.93	17	17.3	595	Warm
<b>Principado de Asturias</b>	<b>Principado de Asturias</b>	<b>Principado de Asturias</b>	<b>Principado de Asturias</b>	Oviedo	<b>43.36</b>	<b>-5.85</b>	<b>258</b>	<b>16.6</b>	<b>483</b>	<b>Temp.</b>
<b>Región de Murcia</b>	<b>Murcia</b>	<b>Murcia</b>	<b>Murcia</b>	Murcia	<b>37.99</b>	<b>-1.13</b>	<b>37</b>	<b>22.4</b>	<b>157</b>	<b>Hot</b>
<b>SWITZERLAND</b>	<b>SWITZERLAND</b>	<b>SWITZERLAND</b>	<b>SWITZERLAND</b>		<b>46.58</b>	<b>7.38</b>	<b>489</b>	<b>14.4</b>	<b>607</b>	<b>Cool</b>
Aargau	Aargau	Aargau	Aargau	Hägglingen	47.39	8.25	462	14.6	713	Cool
Appenzell Ausserrhoden			Appenzell Ausserrhoden	Waldstatt	47.36	9.29	818	12.4	928	Cool
Appenzell Innerrhoden			Innerrhoden	Appenzell	47.33	9.41	766	11.5	985	Cool
Basel Land	Basel Land	Basel Land	Basel Land	Liestal	47.49	7.73	322	14.4	653	Cool
Basel Stadt			Basel Stadt	Basel	47.56	7.59	251	15.6	514	Temp.
Bern	Bern	Bern	Bern	Bern	46.95	7.45	532	14.1	696	Cool
Fribourg	Fribourg	Fribourg	Fribourg	Fribourg	46.81	7.16	590	13.9	666	Cool
Geneva	Geneva	Geneva	Geneva	Geneva	46.20	6.14	377	15.4	546	Temp.
Glarus			Glarus	Glarus	47.04	9.07	480	12.7	1035	Cool
Graubünden	Graubünden	Graubünden		Chur	46.85	9.53	598	13.7	666	Cool
Graubünden - Mesolcina			Graubünden - Mesolcina	Cama	46.27	9.17	351	12.5	991	Cool
Graubünden - other			Graubünden - other		46.85	9.53	598	13.7	666	Cool
Jura	Jura	Jura	Jura	Delémont	47.37	7.35	426	14.4	602	Cool
Lucerne	Lucerne	Lucerne	Lucerne	Lucerne	47.05	8.31	443	14.9	841	Cool
Neuchâtel	Neuchâtel	Neuchâtel	Neuchâtel	Neuchâtel	46.99	6.93	432	14.9	593	Cool
Nidwalden			Nidwalden	Dallenwil	46.93	8.39	486	13.4	940	Cool
Owralden			Owralden	Sarnen	46.90	8.25	475	14.0	898	Cool
Schaffhausen	Schaffhausen	Schaffhausen	Schaffhausen	Schaffhausen	47.70	8.64	394	14.4	567	Cool
Schwyz	Schwyz	Schwyz	Schwyz	Schwyz	47.02	8.65	512	14.3	939	Cool
Solothurn			Solothurn	Solothurn	47.21	7.53	443	13.6	721	Cool
St. Gallen	St. Gallen	St. Gallen	St. Gallen	St. Gallen	47.42	9.38	673	13.2	874	Cool
Thunersee			Thunersee	Thun	46.76	7.63	556	13.8	714	Cool
Thurgau	Thurgau	Thurgau	Thurgau	Märstetten	47.59	9.06	425	14.3	628	Cool
Ticino	Ticino	Ticino	Ticino	Frasco	46.34	8.80	890	9.0	1001	Cool
Uri			Uri	Gurtmellen	46.74	8.63	950	9.3	1064	Cool
Valais	Valais	Valais	Valais	Valais	46.22	7.36	482	14.8	413	Cool
Vaud	Vaud	Vaud	Vaud	Crissier	46.55	6.57	448	15.2	711	Temp.
Zug			Zug	Zug	47.17	8.52	428	14.7	813	Cool
Zürich	Zürich	Zürich	Zürich	Zürich	47.48	8.54	404	14.6	650	Cool
Other regions	Other regions	Other regions	Other regions		46.58	7.38	489	14.4	607	Cool
<b>TAIWAN</b>	<b>TAIWAN</b>	<b>TAIWAN</b>	<b>TAIWAN</b>	Taipei	<b>25.05</b>	<b>121.55</b>	<b>21</b>	<b>25.5</b>	<b>1911</b>	<b>Hot</b>
<b>THAILAND</b>			<b>THAILAND</b>	Bangkok	<b>13.76</b>	<b>100.50</b>	<b>8</b>	<b>29.1</b>	<b>1233</b>	<b>Hot</b>
<b>TUNISIA</b>	<b>TUNISIA</b>	<b>TUNISIA</b>	<b>TUNISIA</b>	Kelibia	<b>36.85</b>	<b>11.10</b>	<b>9</b>	<b>22.2</b>	<b>193</b>	<b>Hot</b>
<b>TURKEY</b>			<b>TURKEY</b>		<b>38.83</b>	<b>29.99</b>	<b>284</b>	<b>21.6</b>	<b>185</b>	<b>Hot</b>
Aegean		Aegean	Aegean	İzmir	38.42	27.14	25	22.9	155	Hot
Central East		Central East	Central East	Elazığ	38.67	39.22	1069	20.2	253	Hot
Central North		Central North	Central North	Tokat	40.32	36.55	626	17.3	229	Warm
Central South		Central South	Central South	Ankara	39.93	32.86	880	17.6	197	Warm
Marmara		Marmara	Marmara	Tekirdağ	40.98	27.51	52	18.7	259	Warm
Mediterranean		Mediterranean	Mediterranean	Antalya	36.90	30.71	56	23.2	191	Hot
South East		South East	South East	Gaziantep	37.07	37.38	853	22.1	131	Hot
<b>UKRAINE</b>		<b>UKRAINE</b>	<b>UKRAINE</b>	Odessa	<b>46.48</b>	<b>30.72</b>	<b>40</b>	<b>17.1</b>	<b>272</b>	<b>Warm</b>
<b>UNITED KINGDOM</b>	<b>UNITED KINGDOM</b>	<b>UNITED KINGDOM</b>	<b>UNITED KINGDOM</b>	Brighton	<b>50.82</b>	<b>-0.13</b>	<b>12</b>	<b>13.5</b>	<b>399</b>	<b>Cool</b>
<b>UNITED STATES</b>	<b>STATES</b>	<b>STATES</b>	<b>STATES</b>		<b>38.87</b>	<b>-117.67</b>	<b>111</b>	<b>19.0</b>	<b>154</b>	<b>Hot</b>
Arizona		Arizona	Arizona	Willcox	32.25	-109.83	1274	21.9	218	Hot
Arkansas		Arkansas	Arkansas	Little Rock	34.75	-92.29	105	22.8	745	Hot

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
					37.43	-121.25	72	19.7	92	Hot
<b>California</b>										
Alameda	Alameda	Alameda	Alameda	Livermore	37.68	-121.77	148	19.5	70	Hot
Amador	Amador	Amador	Amador	Jackson	38.35	-120.77	368	20.2	173	Hot
Butte	Butte	Butte	Butte	Chico	39.73	-121.84	71	21.1	122	Hot
Calaveras	Calaveras	Calaveras	Calaveras	San Andreas	38.20	-120.68	312	20.3	151	Hot
Colusa	Colusa	Colusa	Colusa	Colusa	39.21	-122.01	18	21.1	74	Hot
Contra Costa	Contra Costa	Contra Costa	Contra Costa	Concord	37.98	-122.03	27	19.7	80	Hot
El Dorado	El Dorado	El Dorado	El Dorado	Placerville	38.73	-120.80	572	19.5	202	Hot
Fresno	Fresno	Fresno	Fresno	Fresno	36.74	-119.79	112	23.1	59	Hot
Glenn	Glenn	Glenn	Glenn	Orland	39.75	-122.20	78	21.2	102	Hot
Humboldt	Humboldt	Humboldt	Humboldt	Eureka	40.80	-124.16	17	14.1	242	Cool
Kern	Kern	Kern	Kern	Bakersfield	35.37	-119.02	122	23.8	38	Hot
Kings	Kings	Kings	Kings	Hanford	36.33	-119.65	77	22.6	43	Hot
Lake	Lake	Lake	Lake	Clearlake	38.96	-122.63	453	18.5	121	Warm
Lassen			Lassen	Susanville	40.42	-120.65	1279	14.8	118	Cool
Los Angeles	Los Angeles	Los Angeles	Los Angeles	Los Angeles	34.05	-118.24	128	21.4	56	Hot
Madera	Madera	Madera	Madera	Madera	36.96	-120.06	86	22.0	64	Hot
Marin	Marin	Marin	Marin	San Rafael	37.97	-122.53	14	17.8	160	Warm
Mariposa	Mariposa	Mariposa	Mariposa	Mariposa	37.49	-119.97	595	19.8	169	Hot
Mendocino	Mendocino	Mendocino	Mendocino	Ukiah	39.15	-123.21	193	17.3	183	Warm
Merced	Merced	Merced	Merced	Merced	37.30	-120.48	70	21.6	66	Hot
Monterey	Monterey	Monterey	Monterey	Salinas	36.68	-121.66	15	16.6	71	Temp.
Napa	Napa	Napa	Napa	St Helena	38.50	-122.47	69	18.1	142	Warm
Nevada	Nevada	Nevada	Nevada	Nevada City	39.26	-121.02	770	17.5	264	Warm
Orange		Orange	Orange	Irvine	33.68	-117.83	6	20.2	46	Hot
Placer	Placer	Placer	Placer	Auburn	38.90	-121.08	372	20.5	173	Hot
Riverside	Riverside	Riverside	Riverside	Riverside	33.98	-117.38	268	21.7	56	Hot
Sacramento	Sacramento	Sacramento	Sacramento	Sacramento	38.58	-121.49	26	21.1	83	Hot
San Benito	San Benito	San Benito	San Benito	Hollister	36.85	-121.40	96	18.7	64	Warm
San Bernardino	San Bernardino	San Bernardino	San Bernardino	San Bernardino	34.11	-117.29	349	22.6	57	Hot
San Diego	San Diego	San Diego	San Diego	San Diego	32.72	-117.16	16	20.1	47	Hot
San Joaquin	San Joaquin	San Joaquin	San Joaquin	Lodi	38.11	-121.27	12	20.4	83	Hot
San Luis Obispo	San Luis Obispo	San Luis Obispo	San Luis Obispo	San Luis Obispo	35.28	-120.66	68	17.5	86	Warm
San Mateo	San Mateo	San Mateo	San Mateo	San Mateo	37.56	-122.33	15	16.8	88	Temp.
Santa Barbara	Santa Barbara	Santa Barbara	Santa Barbara	Santa Barbara	34.55	-120.44	77	15.8	82	Temp.
Santa Clara	Santa Clara	Santa Clara	Santa Clara	San Jose	37.34	-121.89	31	19.4	74	Hot
Santa Cruz	Santa Cruz	Santa Cruz	Santa Cruz	Santa Cruz	36.97	-122.04	8	16.5	121	Temp.
Shasta	Shasta	Shasta	Shasta	Redding	40.59	-122.39	199	22.2	238	Hot
Siskiyou	Siskiyou	Siskiyou	Siskiyou	Montague	41.73	-122.30	775	15.5	161	Temp.
Solano	Solano	Solano	Solano	Fairfield	38.25	-122.04	6	19.3	83	Hot
Sonoma	Sonoma	Sonoma	Sonoma	Sonoma	38.30	-122.46	30	18.4	122	Warm
Stanislaus	Stanislaus	Stanislaus	Stanislaus	Modesto	37.64	-121.00	30	21.9	64	Hot
Sutter	Sutter	Sutter	Sutter	Yuba City	39.18	-121.69	18	22.0	97	Hot
Tehama	Tehama	Tehama	Tehama	Corning	39.93	-122.18	84	21.7	115	Hot
Trinity	Trinity	Trinity	Trinity	Hayfork	40.55	-123.18	725	16.3	204	Temp.
Tulare	Tulare	Tulare	Tulare	Visalia	36.33	-119.29	110	22.7	63	Hot
Tuolumne		Tuolumne	Tuolumne	Sonora	37.98	-120.38	549	19.4	168	Hot
Ventura	Ventura	Ventura	Ventura	Oxnard	34.20	-119.18	32	18.1	36	Warm
Yolo	Yolo	Yolo	Yolo	Woodland	38.68	-121.77	26	21.4	79	Hot
Yuba	Yuba	Yuba	Yuba	Browns Valley	39.24	-121.41	83	22.1	136	Hot
<b>Colorado</b>		<b>Colorado</b>	<b>Colorado</b>	<b>Grand Junction</b>	<b>39.06</b>	<b>-108.55</b>	<b>1403</b>	<b>18.9</b>	<b>144</b>	<b>Warm</b>
<b>Georgia</b>		<b>Georgia</b>	<b>Georgia</b>	<b>Atlanta</b>	<b>33.75</b>	<b>-84.39</b>	<b>316</b>	<b>21.9</b>	<b>718</b>	<b>Hot</b>
<b>Illinois</b>		<b>Illinois</b>	<b>Illinois</b>	<b>Springfield</b>	<b>39.78</b>	<b>-89.65</b>	<b>190</b>	<b>19.1</b>	<b>648</b>	<b>Hot</b>
<b>Indiana</b>		<b>Indiana</b>	<b>Indiana</b>	<b>Indianapolis</b>	<b>39.77</b>	<b>-86.16</b>	<b>226</b>	<b>18.3</b>	<b>670</b>	<b>Warm</b>
<b>Iowa</b>		<b>Iowa</b>	<b>Iowa</b>	<b>Des Moines</b>	<b>41.59</b>	<b>-93.62</b>	<b>269</b>	<b>18.3</b>	<b>699</b>	<b>Warm</b>
<b>Kentucky</b>		<b>Kentucky</b>	<b>Kentucky</b>	<b>Frankfort</b>	<b>38.20</b>	<b>-84.87</b>	<b>156</b>	<b>19.3</b>	<b>706</b>	<b>Hot</b>
<b>Michigan</b>	<b>Michigan</b>	<b>Michigan</b>	<b>Michigan</b>	<b>Detroit</b>	<b>42.33</b>	<b>-83.05</b>	<b>189</b>	<b>17.1</b>	<b>561</b>	<b>Warm</b>
<b>Minnesota</b>		<b>Minnesota</b>	<b>Minnesota</b>	<b>Minneapolis</b>	<b>44.98</b>	<b>-93.27</b>	<b>269</b>	<b>16.5</b>	<b>610</b>	<b>Temp.</b>
<b>Missouri</b>		<b>Missouri</b>	<b>Missouri</b>	<b>St. Louis</b>	<b>38.63</b>	<b>-90.20</b>	<b>149</b>	<b>20.1</b>	<b>640</b>	<b>Hot</b>
<b>New York</b>					<b>42.31</b>	<b>-78.21</b>	<b>314</b>	<b>15.4</b>	<b>670</b>	<b>Temp.</b>
Cattaraugus			Cattaraugus	Cattaraugus	42.33	-78.87	419	14.0	697	Cool
Chautauqua			Chautauqua	Chautauqua	42.21	-79.47	415	15.1	737	Temp.
Chautauqua-Erie	Chautauqua-Erie	Chautauqua-Erie		Erie	42.27	-79.42	394	15.1	723	Temp.
Erie			Erie	Buffalo	42.89	-78.88	184	15.8	589	Temp.
Finger Lakes	Finger Lakes	Finger Lakes			42.61	-77.04	237	15.4	580	Temp.
New York - other	New York - other	New York - other			41.59	-74.58	61	16.8	622	Temp.
Niagara			Niagara	Niagara Falls	43.10	-79.04	176	15.6	581	Temp.
Ontario			Ontario	Canandaigua	42.89	-77.28	225	15.5	581	Temp.
Schuyler			Schuyler	Watkins Glen	42.38	-76.87	144	15.2	583	Temp.
Seneca			Seneca	Ovid	42.68	-76.82	294	15.4	606	Temp.
Steuben			Steuben	Bath	42.34	-77.32	337	14.7	572	Cool

Table 75 (cont.): Geographic location, elevation and growing season average temperature and precipitation (GST, GSP)  
for nearest town to world's wine regions

Name	2000	2010	2016	Town	Latitude	Longitude	Elevation	GST	GSP	Zone
Suffolk			Suffolk	Riverhead	40.92	-72.66	7	17.4	632	Warm
Ulster			Ulster	Ellenville	41.72	-74.40	106	16.0	719	Temp.
Wayne			Wayne	Newark	43.05	-77.10	138	15.7	590	Temp.
Yates			Yates	Penn Yan	42.66	-77.05	225	15.5	575	Temp.
<b>North Carolina</b>	<b>North Carolina</b>	<b>Ohio</b>	<b>North Carolina</b>	<b>Raleigh</b>	<b>35.78</b>	<b>-78.64</b>	<b>101</b>	<b>21.2</b>	<b>723</b>	<b>Hot</b>
<b>Ohio</b>	<b>Ohio</b>	<b>Ohio</b>	<b>Cleveland</b>	<b>41.50</b>	<b>-81.69</b>	<b>225</b>	<b>17.4</b>	<b>606</b>	<b>Warm</b>	
<b>Oregon</b>					<b>44.68</b>	<b>-122.98</b>	<b>131</b>	<b>15.6</b>	<b>289</b>	<b>Temp.</b>
Benton Co.	Benton Co.	Benton Co.		Corvallis	44.56	-123.26	70	15.7	328	Temp.
Columbia River	Columbia River	Columbia River	Columbia River	The Dalles	45.59	-121.18	81	17.3	112	Warm
Douglas Co.	Douglas Co.	Douglas Co.		Waterville	47.65	-120.07	800	14.0	111	Cool
Jackson Co.		Jackson Co.		Medford	42.33	-122.88	446	16.8	159	Temp.
Josephine Co.	Josephine Co.	Josephine Co.		Grants Pass	42.44	-123.33	288	17.1	198	Warm
Lane Co.	Lane Co.	Lane Co.		Eugene	44.05	-123.09	173	16.0	349	Temp.
Marion Co.	Marion Co.	Marion Co.		Salem	44.94	-123.04	45	15.8	291	Temp.
North Willamette Valley			North Willamette Valley	McMinnville	45.13	-123.20	47	15.0	301	Temp.
Oregon - other	Oregon - other	Oregon - other			44.68	-122.98	131	15.6	289	Temp.
Polk Co.	Polk Co.	Polk Co.		Dallas	44.92	-123.32	101	15.0	356	Temp.
Rogue Valley			Rogue Valley	Medford	42.33	-122.88	422	16.8	159	Temp.
South Willamette Valley			South Willamette Valley	Eugene	44.05	-123.09	173	16.0	349	Temp.
Umpqua Valley			Umpqua Valley	Sutherlin	43.39	-123.31	157	16.3	323	Temp.
Valley - other	Valley - other				44.96	-123.18	67	15.2	309	Temp.
Washington Co.	Washington Co.	Washington Co.		Hillsboro	45.53	-122.40	98	15.9	510	Temp.
Yamhill Co.	Yamhill Co.	Yamhill Co.		McMinnville	45.21	-123.20	45	15.3	288	Temp.
<b>Pennsylvania</b>	<b>Pennsylvania</b>	<b>Pennsylvania</b>	<b>Erie</b>	<b>42.13</b>	<b>-80.09</b>	<b>203</b>	<b>16.2</b>	<b>666</b>	<b>Temp.</b>	
<b>Texas</b>	<b>Texas</b>				<b>32.54</b>	<b>-100.70</b>	<b>733</b>	<b>23.4</b>	<b>449</b>	<b>Hot</b>
Hill Country			Hill Country	Austin	30.27	-97.74	199	25.5	561	Hot
North Texas (DFW)			North Texas (DFW)	Dallas	32.78	-96.80	180	25.0	624	Hot
South Texas and Gulf Coast			South Texas and Gulf Coast	Houston	29.76	-95.37	15	25.9	791	Hot
Texas High Plains and Panhandle			Texas High Plains and Panhandle	Lubbock	33.58	-101.86	985	22.3	394	Hot
West Texas			West Texas	El Paso	31.76	-106.49	1157	23.9	165	Hot
<b>Virginia</b>	<b>Virginia</b>	<b>Virginia</b>	<b>Charlottesville</b>	<b>38.13</b>	<b>-78.48</b>	<b>190</b>	<b>19.5</b>	<b>704</b>	<b>Hot</b>	
<b>Washington</b>	<b>Washington</b>				<b>46.28</b>	<b>-119.83</b>	<b>222</b>	<b>17.2</b>	<b>81</b>	<b>Warm</b>
Columbia Gorge	Columbia Gorge	Columbia Gorge	White Salmon	45.73	-121.49	188	15.3	210	Temp.	
Columbia Valley	Columbia Valley	Columbia Valley	Yakima	46.60	-120.51	331	17.0	76	Temp.	
Horse Heaven Hills	Horse Heaven	Horse Heaven								
Lake Chelan	Lake Chelan	Lake Chelan	Paterson	45.94	-119.60	124	17.6	80	Warm	
Naches Heights		Naches Heights	Chelan	47.84	-120.02	342	15.8	98	Temp.	
Puget Sound	Puget Sound	Puget Sound	Gleed	46.66	-120.61	386	15.9	78	Temp.	
Rattlesnake Hills	Rattlesnake Hills	Rattlesnake Hills	Seattle	47.61	-122.33	70	14.4	358	Cool	
Red Mountain	Red Mountain	Red Mountain	Granger	46.34	-120.19	227	16.9	68	Temp.	
Snipes Mountain	Snipes Mountain	Snipes Mountain	Benton City	46.26	-119.49	151	18.0	72	Warm	
Wahluke Slope	Wahluke Slope	Wahluke Slope	Granger	46.34	-120.19	227	16.9	68	Temp.	
Walla Walla Valley	Walla Walla	Walla Walla	Mattawa	46.74	-119.90	234	17.4	66	Warm	
Yakima Valley	Yakima Valley	Yakima Valley	Walla Walla	46.06	-118.34	286	17.3	178	Warm	
<b>URUGUAY</b>	<b>URUGUAY</b>	<b>URUGUAY</b>	<b>URUGUAY</b>	<b>34.39</b>	<b>-56.44</b>	<b>29</b>	<b>20.2</b>	<b>670</b>	<b>Hot</b>	
Artigas		Artigas	Artigas	-30.41	-56.48	126	22.6	975	Hot	
Canelones		Canelones	Canelones	-34.53	-56.29	25	20.1	665	Hot	
Colonia		Colonia	Carmelo	-34.00	-58.29	14	21.0	716	Hot	
Durazno		Durazno	Durazno	-33.38	-56.53	82	21.1	787	Hot	
Florida		Florida	Florida	-34.09	-56.22	66	20.4	737	Hot	
Lavalleja		Lavalleja	Lavalleja	-34.36	-55.26	117	19.4	716	Hot	
Maldonado		Maldonado	Maldonado	-34.90	-54.97	34	19.4	575	Hot	
Montevideo		Montevideo	Montevideo	-34.82	-56.21	35	19.8	575	Hot	
Paysandu		Paysandu	Paysandú	-32.31	-58.08	44	21.6	853	Hot	
Rivera		Rivera	Rivera	-30.92	-55.55	195	21.6	955	Hot	
Rocha		Rocha	Rocha	-34.48	-54.33	27	19.4	645	Hot	
Salto		Salto	Salto	-31.39	-57.96	43	22.4	934	Hot	
San Jose		San Jose	San José	-34.35	-56.71	32	20.3	743	Hot	
Soriano		Soriano	Palmitas	-33.51	-57.80	93	20.9	782	Hot	
Tacuarembo		Tacuarembo	Tacuarembo	-31.72	-55.99	141	21.6	796	Hot	

Table 76: Key climate indicators of the world's wine regions

Data Source: TerraClimate, as compiled by Gregory Jones of Linfield University, Oregon with the assistance of German Puga of the University of Adelaide, South Australia

Time Period: 1958-2019

AnnP - annual precipitation (mm)

GSP - growing season precipitation (mm); growing season Apr-Oct NH, Oct-Apr SH

RipeP - ripening period precipitation (mm); September NH, March SH

GST - growing season average temperature (°C); growing season Apr-Oct NH, Oct-Apr SH

GDD - growing degree days (C° units); growing season Apr-Oct NH, Oct-Apr SH; base temperature 10°C, no upper cut off

AnnT - annual average temperature (°C)

RPT - ripening period average temperature (°C); August-September NH, February-March SH

GSDTR - growing season diurnal temperature range (°C); growing season Apr-Oct NH, Oct-Apr SH

RPDTR - ripening period diurnal temperature range (°C); August-September NH, February-March SH

	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Mean	713	403	59	18.3	1787	13.9	20.4	12.1	12.3
Median	681	383	52	18.3	1760	13.9	20.3	11.7	11.9
Mode	642	383	54	19.3	1551	9.7	19.6	11.4	13.0
Standard D	349.5	242.5	40.3	2.8	580.1	3.3	2.8	2.7	2.9
Kurtosis	1.89	2.71	6.51	0.64	0.61	0.72	0.01	-0.35	0.17
Skewness	0.80	1.12	1.68	0.35	0.47	0.34	0.11	0.34	0.49
Range	2888	1911	337	20.6	3992	25.3	19.8	14.6	17.8
Minimum	0	0	0	9.0	205	3.2	11.1	5.7	4.9
Maximum	2888	1911	337	29.6	4197	28.5	30.9	20.3	22.7
Count	813	813	813	813	813	813	813	813	813

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Addis Ababa	8.98	38.76	1078	942	145	17.0	1495	16.9	16.0	12.5	10.7
Agrigento	37.31	13.59	438	169	31	21.2	2392	17.6	24.1	6.9	6.6
Aguascalientes	21.89	-102.29	481	436	82	19.9	2121	17.6	19.8	15.9	13.9
Ahrweiler	50.54	7.12	739	438	57	13.9	883	9.7	15.8	9.4	9.4
Aimogasta	-28.55	-66.82	296	267	47	23.3	2821	19.0	23.8	15.3	14.6
Aix-en-Provence	43.53	5.45	632	353	76	19.0	1927	14.3	21.6	10.2	10.5
Ajaccio	41.92	8.74	663	282	52	19.1	1949	15.4	21.8	7.4	7.8
Alba Posse	-27.57	-54.68	1724	1041	136	23.8	2924	20.9	24.9	12.4	12.1
Albacete	38.99	-1.86	376	224	33	19.5	2033	14.5	22.8	13.0	13.6
Alessandria	44.91	8.61	755	452	64	18.5	1820	12.8	21.3	9.3	9.4
Alexandra	-37.19	145.71	772	366	40	17.3	1551	13.9	19.6	14.3	15.1
Algiers	36.75	3.04	777	250	36	21.3	2426	17.5	24.6	8.4	8.3
Alicante	38.34	-0.49	319	183	43	21.8	2525	18.0	24.9	10.9	10.9
Almaty	43.22	76.85	561	357	25	17.7	1655	9.7	20.0	11.7	13.0
Alta Gracia	-31.66	-64.43	718	630	100	20.0	2107	16.6	20.6	13.7	13.4
Amindeo	40.69	21.68	603	330	50	18.0	1707	12.5	20.7	13.1	14.4
Aminga	-28.85	-66.93	260	241	40	20.9	2318	16.9	21.5	15.3	14.6
Ancona	43.62	13.52	699	404	69	19.1	1944	14.5	21.5	7.7	7.8
Andalgalá	-27.58	-66.31	311	281	50	22.9	2724	18.9	23.3	14.7	13.5
Añelo	-38.35	-68.79	164	107	13	18.5	1809	14.1	19.8	16.4	17.0
Angers	47.47	-0.55	726	377	57	15.9	1271	12.1	18.0	10.7	11.0
Angoulême	45.65	0.16	826	431	65	16.5	1398	12.6	18.7	11.3	11.6

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Ankara	39.93	32.86	402	197	17	17.6	1627	11.6	20.6	14.6	15.6
Annecy	45.90	6.13	981	562	87	15.5	1192	10.7	17.6	11.2	11.6
Antalya	36.90	30.71	783	191	18	23.2	2830	18.9	26.4	11.2	11.3
Antofagasta	-23.65	-70.40	0	0	0	19.3	1975	17.5	20.7	7.0	7.4
Aosta	45.73	7.31	760	449	54	14.4	989	9.4	16.5	10.5	10.7
Appenzell	47.33	9.41	1432	985	127	11.5	510	6.9	13.8	9.1	9.1
Ararat	-37.28	142.93	602	287	33	16.1	1292	13.1	18.2	14.0	14.8
Arequipa	-16.41	-71.54	78	76	17	15.6	1189	15.2	15.6	14.9	13.5
Arezzo	43.46	11.88	828	451	72	18.5	1827	13.6	21.1	11.8	12.9
Argostoli	38.17	20.49	886	262	50	21.4	2446	17.7	24.4	9.6	9.9
Arica	-18.48	-70.31	1	0	0	20.4	2210	18.6	22.1	7.0	7.3
Armidale	-30.50	151.67	760	544	57	17.3	1535	13.7	18.7	13.6	12.9
Artigas	-30.41	-56.48	1482	975	149	22.6	2665	19.3	23.9	12.9	12.8
Ascoli Piceno	42.85	13.57	746	449	77	19.1	1951	14.1	21.9	9.6	10.2
Asti	44.90	8.21	636	392	49	18.4	1801	12.9	21.1	9.0	8.9
Athens	37.98	23.73	430	139	17	23.0	2790	18.3	25.9	9.7	10.2
Atlanta	33.75	-84.39	1299	718	92	21.9	2545	16.4	24.0	12.0	11.3
Auburn	38.90	-121.08	833	173	12	20.5	2250	15.9	23.5	15.5	16.8
Auch	43.65	0.59	1015	561	72	17.4	1577	13.3	19.8	11.4	11.6
Auckland	-36.85	174.76	1432	750	103	17.5	1585	15.3	19.2	8.3	8.6
Aurillac	44.93	2.44	795	487	71	14.1	928	10.0	16.1	11.8	12.1
Austin	30.27	-97.74	829	561	96	25.5	3329	20.3	27.9	12.1	12.4
Avellino	40.91	14.79	884	392	74	18.4	1798	13.9	21.3	9.0	9.1
Avignon	43.91	4.81	731	432	83	19.5	2030	14.7	22.0	11.3	11.5
Bačka Topola	45.81	19.64	580	380	44	17.2	1551	11.3	19.3	12.0	13.0
Bad Dürkheim	49.46	8.17	591	361	43	15.1	1098	10.3	16.9	10.6	10.8
Bad Ems	50.34	7.71	873	504	67	13.7	850	9.3	15.4	9.6	9.6
Badacsonytomaj	46.80	17.51	621	431	62	16.5	1391	10.8	18.5	11.4	11.8
Badajoz	38.88	-6.97	557	218	29	20.7	2298	16.7	23.6	13.5	14.4
Baden	48.00	16.23	603	434	53	15.5	1181	10.0	17.6	11.6	11.8
Baden-Baden	48.77	8.23	1150	684	84	15.0	1072	10.2	16.8	10.6	11.0
Baja	46.18	18.95	561	382	58	17.2	1551	11.4	19.3	11.7	12.5
Bakersfield	35.37	-119.02	148	38	4	23.8	2957	18.8	26.5	15.9	16.2
Balatonboglár	46.77	17.66	603	415	62	16.8	1465	11.0	18.8	11.4	11.8
Balatonfüred	46.96	17.89	609	412	64	16.2	1334	10.5	18.3	11.2	11.6
Balcarce	-37.85	-58.26	844	528	102	17.3	1537	13.9	18.9	13.4	13.1
Bañado de Ovanta	-28.10	-65.32	670	610	107	23.7	2905	19.9	24.0	12.6	11.6
Bangkok	13.76	100.50	1345	1233	293	29.1	4094	28.5	28.5	8.0	7.6
Barcelona	41.39	2.17	622	390	79	20.0	2153	16.4	22.7	7.5	7.1
Bari	41.12	16.87	558	276	57	20.5	2256	16.3	23.2	9.0	9.2
Barletta	41.32	16.28	464	233	47	20.6	2264	16.7	23.3	9.3	9.6
Basel	47.56	7.59	782	514	63	15.6	1202	10.8	17.7	10.3	10.6
Bastia	42.33	9.45	741	324	64	17.6	1631	13.5	20.5	6.4	6.7
Bath	42.34	-77.32	849	572	77	14.7	1111	7.9	17.6	13.9	13.9
Baunei	40.03	9.66	372	156	35	20.5	2241	16.4	23.5	7.9	8.1
Beechworth	-36.36	146.69	952	434	53	16.8	1443	13.1	19.2	13.6	14.1
Beijing	39.90	116.41	569	541	49	20.7	2300	12.6	22.8	11.2	10.3
Bela Crkva	44.90	21.42	683	439	54	17.7	1660	11.8	20.0	11.9	13.0
Bela Palanka	43.21	22.32	635	389	51	16.6	1425	10.9	18.7	12.4	13.6
Belén	-27.65	-67.03	169	156	26	21.7	2483	17.9	22.2	15.7	14.6
Belgrade	44.79	20.45	686	442	54	17.8	1664	12.1	19.8	11.2	11.8

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Belley	45.76	5.69	1028	616	98	16.3	1357	11.4	18.3	11.2	11.5
Belluno	46.14	12.22	1008	681	91	15.8	1255	10.6	18.0	11.4	11.6
Bendigo	-36.76	144.28	573	271	30	17.5	1583	14.1	19.5	13.8	14.1
Benevento	41.13	14.79	835	378	74	19.6	2062	14.8	22.5	9.9	9.9
Benito Juárez	-37.67	-59.80	790	539	100	17.2	1518	13.5	19.0	14.2	14.2
Bensheim	49.69	8.62	681	427	54	15.6	1208	10.7	17.6	10.8	10.8
Bento Gonçalves	-29.17	-51.52	1697	999	155	19.6	2026	17.1	20.9	9.7	9.3
Benton City	46.26	-119.49	184	72	8	18.0	1707	12.0	20.8	15.6	16.8
Bergamo	45.70	9.68	1076	731	109	18.1	1738	12.7	20.6	10.4	10.6
Bergerac	44.85	0.48	939	490	80	16.9	1485	13.0	19.0	11.9	12.3
Bern	46.95	7.45	1038	696	85	14.1	928	9.1	16.1	9.8	9.9
Besançon	47.23	6.02	1123	666	95	15.3	1146	10.7	17.4	10.6	10.7
Beziers	43.32	3.22	561	301	53	19.1	1946	15.0	21.5	10.6	10.7
Biella	45.56	8.06	842	577	66	16.8	1462	11.5	19.1	9.9	9.9
Bienna	47.14	7.25	970	636	80	14.4	976	9.6	16.4	10.0	10.2
Bilbao	43.26	-2.93	1195	595	78	17.3	1556	14.4	19.6	6.5	6.7
Bilje	45.60	18.74	655	422	54	17.2	1537	11.3	19.1	12.1	12.9
Bitola	41.03	21.33	686	356	50	16.7	1430	11.1	19.3	12.9	14.1
Bizeljsko	46.02	15.69	1110	728	118	15.4	1168	10.1	17.2	10.8	11.1
Bjelovar	45.90	16.84	825	529	80	17.4	1583	11.5	18.9	11.5	12.2
Blaj	46.18	23.93	587	434	46	15.9	1255	9.6	17.6	12.5	13.0
Blenheim	-41.50	173.96	779	430	64	15.7	1197	12.9	17.1	9.7	10.0
Blois	47.59	1.34	662	377	53	15.6	1207	11.5	17.8	10.7	10.9
Boën-sur-Lignon	45.75	4.00	710	487	72	15.3	1143	10.9	17.4	11.2	11.5
Bologna	44.49	11.34	742	423	67	19.6	2059	14.1	22.3	10.3	10.7
Bolzano-Bozen	46.46	11.35	758	549	71	14.6	1020	9.6	16.9	11.5	11.6
Bot River	-34.23	19.20	693	257	30	18.7	1848	16.4	20.0	10.6	10.6
Bourges	47.06	2.40	712	421	57	15.8	1242	11.5	18.0	11.0	11.4
Bourke	-30.09	145.94	306	200	37	25.2	3216	20.6	26.8	14.9	14.2
Bowral	-34.48	150.42	1021	664	116	16.4	1362	13.3	17.9	11.7	11.0
Bratislava	48.15	17.11	645	428	57	16.0	1296	10.4	18.0	11.7	11.9
Brescia	45.54	10.21	904	593	84	18.8	1875	13.2	21.1	10.5	10.3
Brighton	50.82	-0.13	808	399	65	13.5	786	10.3	15.4	9.2	9.6
Brindisi	40.65	17.94	485	213	43	21.0	2357	17.0	23.9	8.4	8.3
Browns Valley	39.24	-121.41	695	136	9	22.1	2589	17.2	24.8	15.9	17.1
Bsilio Nievas	-31.54	-68.73	232	204	29	21.4	2420	16.9	22.4	15.8	15.6
Bucharest	44.43	26.10	602	409	46	17.6	1637	11.2	19.8	12.8	13.4
Buffalo	42.89	-78.88	962	589	90	15.8	1337	9.0	19.1	10.6	10.6
Bunbury	-33.32	115.64	801	178	20	20.0	2125	17.7	22.2	13.8	14.4
Burgas	42.50	27.46	559	314	50	18.5	1822	13.1	21.5	9.3	10.1
Burgos	42.34	-3.70	522	282	37	15.4	1195	11.2	18.6	11.7	12.4
Buzet	44.25	0.30	960	507	75	17.0	1503	13.0	19.3	11.8	12.1
Bzenec	48.97	17.27	653	479	57	15.1	1104	9.4	16.9	11.4	11.7
Čačak	43.89	20.35	801	512	64	17.0	1505	11.4	19.0	11.6	12.5
Cáceres	39.48	-6.37	541	220	28	20.8	2307	16.2	24.2	12.8	13.6
Cachi	-25.12	-66.16	169	167	21	17.1	1501	14.4	17.3	13.7	12.5
Cafayate	-26.07	-65.98	160	158	20	20.0	2113	17.1	20.3	12.1	10.9
Cagliari	39.22	9.12	428	170	33	21.2	2406	17.3	24.3	9.5	9.5
Cahors	44.45	1.44	808	459	64	16.9	1481	12.8	19.0	11.9	12.1
Calitzdorp	-33.53	21.68	242	150	24	20.6	2240	17.8	22.2	15.4	15.1
Caltanissetta	37.49	14.06	486	195	38	20.1	2158	16.0	23.0	7.3	7.2
Cama	46.27	9.17	1388	991	141	12.5	663	7.9	14.6	8.2	8.1

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Campo Grande	-27.21	-54.98	1620	1013	132	23.2	2790	20.4	24.2	12.5	12.1
Campobasso	41.56	14.66	597	297	47	17.4	1580	12.7	20.4	8.6	8.9
Canandaigua	42.89	-77.28	878	581	83	15.5	1269	8.6	18.6	11.9	11.9
Canberra	-35.28	149.13	660	408	53	17.1	1509	13.4	19.0	14.3	14.1
Canelones	-34.53	-56.29	1112	665	109	20.1	2142	16.8	21.7	11.3	11.2
Cañuelas	-35.05	-58.76	1078	752	117	20.3	2180	16.8	21.7	13.0	12.9
Capayán	-28.77	-66.05	422	385	68	24.5	3064	20.3	24.7	13.8	13.0
Carbonia	39.16	8.52	642	225	40	21.0	2354	17.1	23.9	9.4	9.6
Carcassonne	43.21	2.35	691	362	54	18.2	1753	14.0	20.7	10.4	10.6
Carmelo	-34.00	-58.29	1050	716	136	21.0	2327	17.6	22.4	10.5	10.3
Casablanca	-33.32	-71.41	438	38	4	17.6	1615	15.1	18.6	12.8	13.1
Caserta	41.07	14.33	939	422	85	20.3	2215	16.1	23.1	10.2	10.6
Castellón de la Plana	39.99	-0.05	463	284	65	21.2	2395	17.3	24.1	8.3	8.1
Castelo Branco	39.82	-7.50	873	278	39	20.1	2161	15.9	23.0	11.4	12.4
Catania	37.51	15.08	536	205	45	21.5	2464	17.6	24.6	9.7	9.8
Catanzaro	38.91	16.59	907	334	48	20.9	2327	16.8	24.0	8.1	8.6
Cattaraugus	42.33	-78.87	1095	697	104	14.0	1007	7.3	17.0	12.7	12.4
Caucete	-31.65	-68.28	282	260	38	22.9	2722	18.0	23.7	15.6	15.1
Čerhov	48.46	21.64	621	427	51	15.5	1187	9.5	17.5	11.8	12.1
Cessnock	-32.50	151.36	798	569	93	21.3	2388	17.9	22.5	12.8	11.8
Chablis	47.82	3.80	723	423	57	15.2	1112	10.8	17.0	10.8	11.0
Chambery	45.64	5.92	1031	594	94	15.7	1224	10.8	17.8	11.3	11.6
Charlottesville	38.13	-78.48	1096	704	105	19.5	2038	13.3	22.0	12.9	12.4
Chartres	48.44	1.49	592	354	47	14.9	1058	10.9	17.1	10.3	10.5
Châteauroux	46.81	1.69	745	438	63	15.8	1236	11.6	18.0	10.6	10.8
Chaumont	48.11	5.14	745	443	56	14.5	997	10.0	16.8	10.3	10.5
Chautauqua	42.21	-79.47	1158	737	112	15.1	1186	8.1	18.1	11.0	10.8
Chaves	41.74	-7.47	1705	642	94	17.6	1628	14.0	20.5	12.1	13.0
Chelan	47.84	-120.02	283	98	11	15.8	1261	9.6	18.8	14.5	15.7
Chengdu	30.57	104.07	1019	940	141	22.3	2634	17.0	24.1	7.5	7.3
Chico	39.73	-121.84	621	122	10	21.1	2384	16.4	23.5	16.9	18.6
Chieti	42.35	14.16	702	382	66	19.4	2010	14.8	22.0	9.2	9.8
Chilecito	-29.16	-67.50	197	183	31	21.5	2427	17.3	22.2	15.2	14.9
Chillan	-36.60	-72.10	1072	247	25	16.7	1417	13.5	18.0	14.5	15.5
Chisinau	47.01	28.86	540	346	43	17.2	1536	10.5	19.3	10.3	10.8
Choele Choel	-39.28	-65.66	289	179	28	19.6	2041	15.3	20.8	17.2	17.6
Chos Malal	-37.38	-70.27	270	85	10	16.7	1424	12.8	18.0	18.2	19.3
Christchurch	-43.53	172.64	793	404	64	14.9	1026	12.3	16.3	9.6	9.6
Chtaura	33.82	35.85	783	102	2	21.7	2499	16.6	24.4	15.0	16.0
Chur	46.85	9.53	987	666	92	13.7	850	8.9	15.8	9.7	9.7
Ciudad Real	38.98	-3.93	413	195	26	20.1	2169	15.1	23.5	15.0	16.1
Clare	-33.83	138.61	552	221	23	18.5	1802	15.1	20.5	15.4	15.8
Clearlake	38.96	-122.63	722	121	10	18.5	1827	14.2	21.7	19.3	21.2
Clermont-Ferrand	45.78	3.09	610	443	60	15.5	1187	11.2	17.7	11.7	12.0
Cleveland	41.50	-81.69	953	606	87	17.4	1594	10.5	20.4	11.7	11.6
Coimbra	40.20	-8.41	982	383	47	19.2	1973	16.0	21.5	11.5	12.7
Collón Cura	-38.95	-68.10	280	202	28	19.0	1909	14.6	20.2	16.6	17.0
Colmar	47.93	7.36	623	400	50	15.6	1201	10.7	17.5	10.5	10.8
Colón	-32.22	-58.14	1205	834	128	21.7	2472	18.3	23.2	12.9	12.6
Colusa	39.21	-122.01	407	74	7	21.1	2373	16.5	23.2	17.8	19.4
Como	45.81	9.09	1277	888	129	16.3	1351	11.3	18.6	9.2	9.1

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Concepción del Uruguay	-32.48	-58.23	1147	779	119	21.6	2456	18.2	23.1	12.4	12.4
Concord	37.98	-122.03	462	80	5	19.7	2073	16.0	21.8	13.3	14.1
Concordia	-31.39	-58.02	1350	947	149	22.4	2620	18.9	23.6	13.0	12.7
Constanta	44.16	28.63	428	254	36	18.3	1782	12.4	21.0	7.7	7.9
Coonawarra	-37.75	140.86	728	283	35	16.1	1289	13.8	17.7	11.6	12.1
Cootamundra	-34.64	148.03	576	327	41	19.5	2014	15.2	21.8	15.4	15.3
Copiapó	-27.37	-70.33	8	0	0	17.0	1483	14.9	18.3	10.2	10.1
Córdoba	37.89	-4.78	574	213	29	22.4	2650	17.9	25.5	13.8	14.7
Corning	39.93	-122.18	562	115	11	21.7	2500	16.7	24.3	16.4	17.9
Coronel Pringles	-37.99	-61.35	814	602	97	17.7	1630	13.9	19.2	14.0	13.9
Coronel Suarez	-37.46	-61.93	815	618	99	18.3	1757	14.3	19.5	14.3	14.4
Coruche	38.96	-8.52	721	258	30	19.9	2126	16.6	22.5	10.1	10.9
Corvallis	44.56	-123.26	1168	328	39	15.7	1214	11.8	18.4	14.1	16.1
Cosenza	39.30	16.25	925	362	57	20.0	2136	15.6	23.0	7.4	7.6
Cosne-Cours-sur-Loire											
Loire	47.38	2.93	720	424	55	15.4	1153	11.0	17.1	11.0	11.3
Cosquín	-31.25	-64.47	694	607	94	18.8	1867	15.5	19.5	13.8	13.3
Cowra	-33.83	148.68	625	369	45	20.2	2155	16.0	22.2	16.0	15.8
Cremona	45.13	10.02	808	490	73	18.9	1897	13.1	21.3	10.8	10.8
Crissier	46.55	6.57	1146	711	99	15.2	1120	10.4	17.1	10.6	10.9
Črnomelj	45.57	15.19	1244	789	128	16.4	1373	10.9	18.2	10.6	11.1
Cromwell	-45.03	169.20	728	374	59	14.1	855	10.4	15.7	11.9	12.4
Crotone	39.08	17.13	684	240	39	21.4	2446	17.7	24.4	9.2	9.3
Cruz del Eje	-30.72	-64.81	528	470	65	21.5	2445	18.1	22.0	13.6	12.9
Cuenca	40.07	-2.14	518	278	40	17.7	1651	13.0	21.1	14.0	15.0
Cuneo	44.38	7.54	733	440	68	17.5	1611	12.4	20.0	8.8	8.8
Curico	-34.97	-71.25	706	109	14	17.7	1630	14.2	19.0	16.7	17.9
Daireaux	-36.60	-61.75	873	669	111	19.4	1991	15.4	20.5	14.1	14.3
Dallas	44.92	-123.32	1367	356	44	15.0	1089	11.3	18.0	15.2	17.4
Dallas	32.78	-96.80	921	624	97	25.0	3221	19.1	27.7	11.7	11.9
Dallenwil	46.93	8.39	1425	940	106	13.4	810	8.6	15.3	8.8	8.6
Darwin	-12.46	130.85	1742	1701	324	28.5	3925	27.3	28.1	9.1	10.1
Deán Funes	-30.73	-64.79	532	473	66	21.2	2374	17.8	21.7	13.6	12.9
Delémont	47.37	7.35	934	602	76	14.4	973	9.5	16.4	10.0	10.2
Denmark	-34.96	117.35	981	338	42	17.6	1610	15.7	19.2	10.4	10.6
Des Moines	41.59	-93.62	887	699	89	18.3	1770	10.2	21.0	12.2	12.3
Detroit	42.33	-83.05	871	561	83	17.1	1551	10.0	20.1	10.7	10.6
Diamante	-32.07	-60.64	1035	823	152	21.6	2463	18.2	22.9	12.3	12.0
Dijon	47.27	5.04	754	459	64	15.6	1190	10.8	17.7	10.5	10.6
Dobrich	43.57	27.83	527	312	45	17.3	1567	11.4	19.9	9.0	9.6
Dobrovo	46.00	13.53	1569	967	170	18.2	1758	13.1	20.4	10.3	10.6
Domodossola	46.11	8.29	1074	727	84	15.0	1086	10.1	17.1	9.5	9.4
Doros	34.82	32.91	622	117	10	21.2	2400	17.2	23.9	12.3	12.8
Dresden	51.05	13.74	650	435	50	15.3	1141	10.1	17.3	9.7	9.8
Dunajská Streda	47.99	17.62	585	394	52	16.2	1330	10.4	18.1	11.9	12.2
Durazno	-33.38	-56.53	1310	787	133	21.1	2350	17.6	22.5	12.1	11.8
Dürnstein	48.40	15.52	617	458	51	14.5	992	9.2	16.0	11.5	11.8
Eden Valley	-34.64	139.10	539	215	26	17.7	1633	14.5	19.6	14.2	14.8
Eger	47.90	20.38	542	388	48	16.7	1444	10.5	18.7	12.3	12.8
Eisenberg	47.18	16.43	719	519	71	15.4	1159	9.8	17.3	11.4	11.7
El Bolsón	-27.90	-65.88	512	467	77	21.2	2368	17.4	21.6	13.3	12.1

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
El Carmen	-24.39	-65.26	769	727	106	20.7	2268	17.8	20.8	12.0	10.7
El Cuy	-39.93	-68.35	161	102	18	16.0	1272	11.7	17.4	16.3	17.0
El Huecú	-37.64	-70.58	562	164	22	13.4	749	9.6	14.6	18.3	19.3
El Paso	31.76	-106.49	214	165	38	23.9	2984	18.1	26.0	16.3	15.0
El Portezuelo	-28.47	-65.64	506	467	80	23.6	2882	19.7	23.9	12.9	12.1
Elazığ	38.67	39.22	675	253	9	20.2	2195	13.1	24.2	12.1	13.4
Elizabeth	-34.72	138.67	544	212	24	19.6	2029	16.4	21.4	13.0	13.4
Ellenville	41.72	-74.40	1147	719	100	16.0	1337	9.1	18.8	12.8	12.6
Enna	37.57	14.28	530	212	43	19.0	1934	14.7	22.3	7.4	7.5
Épinal	48.17	6.44	918	523	70	14.4	980	9.8	16.5	10.7	11.0
Erie	42.13	-80.09	1056	666	106	16.2	1401	9.5	19.6	10.7	10.6
Esperance	-33.86	121.89	630	231	32	18.9	1872	16.8	20.3	10.7	10.4
Esquel	-42.91	-71.31	671	250	34	12.2	551	8.8	13.6	13.8	14.8
Estaing	44.55	2.67	660	405	63	15.5	1187	11.4	17.8	12.2	12.5
Estella	42.67	-2.03	715	383	46	16.1	1299	12.1	19.4	11.5	12.3
Etyek	47.45	18.75	562	367	48	16.8	1449	10.7	18.8	11.0	11.2
Eugene	44.05	-123.09	1234	349	42	16.0	1282	12.1	18.6	13.8	15.8
Eugene	44.05	-123.09	1234	349	42	16.0	1282	12.1	18.6	13.8	15.8
Eureka	40.80	-124.16	1037	242	21	14.1	867	12.2	15.5	7.2	7.3
Evora	38.57	-7.91	655	243	30	19.8	2106	16.2	22.6	11.7	12.9
Fairfield	38.25	-122.04	533	83	5	19.3	1999	15.6	21.3	15.3	16.4
Famatina	-28.93	-67.52	180	168	27	19.3	1971	15.5	20.0	15.5	14.9
Fermo	43.16	13.72	686	399	70	19.0	1918	14.3	21.5	8.5	8.8
Ferrara	44.84	11.62	627	374	55	20.3	2202	14.4	22.9	9.1	9.3
Firenze	43.80	11.26	911	475	78	19.3	2003	14.6	22.1	10.6	10.9
Florida	-34.09	-56.22	1241	737	123	20.4	2195	16.9	21.9	11.9	11.7
Foggia	41.46	15.54	507	265	49	20.4	2237	16.4	23.4	11.5	11.8
Foix	42.96	1.61	843	499	64	16.1	1303	12.1	18.6	10.2	10.4
Fontette	48.08	4.61	843	480	66	14.3	964	10.0	16.7	10.4	10.6
Forlì	44.22	12.04	748	434	74	19.5	2047	14.0	22.2	10.0	10.4
Frankfort	38.20	-84.87	1157	706	87	19.3	1995	12.8	22.1	13.1	13.1
Frasco	46.34	8.80	1445	1001	133	9.0	205	4.8	11.1	7.0	6.9
Fresno	36.74	-119.79	264	59	5	23.1	2809	18.0	25.9	17.4	18.3
Fribourg	46.81	7.16	1020	666	84	13.9	905	9.1	16.1	10.0	10.1
Frosinone	41.63	13.34	1170	537	96	19.3	1998	14.7	22.3	12.2	13.0
Funchal	32.63	-16.92	627	218	44	19.9	2111	18.4	22.1	5.9	6.2
Gaillac	43.90	1.90	695	397	62	17.8	1667	13.4	20.0	11.4	11.6
Gap	44.56	6.08	916	499	79	14.9	1091	10.2	17.5	11.5	12.0
Gaziantep	37.07	37.38	546	131	5	22.1	2598	15.6	25.9	14.5	15.2
Geelong	-38.15	144.36	541	300	33	17.2	1520	14.7	19.0	10.2	10.3
Geisenheim	49.59	7.97	589	367	44	14.2	940	9.6	16.3	10.2	10.4
General Alvear	-34.98	-67.69	295	237	34	20.2	2167	15.8	21.1	16.8	16.9
General Belgrano	-35.77	-58.50	1007	703	104	19.3	1963	15.7	20.7	13.1	13.1
General Conesa	-40.10	-64.46	256	152	27	19.1	1931	14.9	20.3	15.4	15.6
General Pueyrredón	-37.95	-57.78	875	558	107	17.2	1514	13.9	18.8	12.0	11.6
General Roca	-39.03	-67.59	181	106	15	19.1	1937	14.8	20.3	17.3	18.0
General San Martín	-31.44	-68.52	249	226	31	22.5	2637	17.7	23.4	15.9	15.6
Geneva	46.20	6.14	937	546	87	15.4	1164	10.6	17.5	10.7	11.0
Genova	44.41	8.95	1194	650	123	19.4	2024	15.4	22.2	8.0	8.0
Gisborne	-38.66	178.02	1200	571	99	16.8	1427	14.3	18.1	10.3	10.1

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Gladstone	-33.27	138.35	437	190	21	20.2	2149	16.5	22.1	14.6	14.9
Glarus	47.04	9.07	1539	1035	130	12.7	688	7.9	14.7	8.8	8.6
Gleed	46.66	-120.61	227	78	9	15.9	1269	10.2	18.7	16.7	18.3
Glen Innes	-29.75	151.74	912	649	74	16.9	1456	13.4	18.4	13.1	12.4
Glenrowan	-36.46	146.22	709	341	41	18.7	1845	14.9	21.0	14.4	14.9
Godoy Cruz	-32.93	-68.86	268	219	36	20.3	2189	16.0	21.1	15.3	14.9
Gorizia	45.94	13.62	1498	920	165	18.3	1789	13.2	20.8	10.0	10.3
Gornji Petrovci	46.80	16.22	806	576	81	15.4	1150	9.8	17.1	11.3	11.6
Goumenissa	40.95	22.45	465	274	38	19.7	2073	14.0	22.6	12.2	13.1
Granada	37.18	-3.60	425	167	23	20.3	2217	15.9	23.4	13.7	14.6
Grand Junction	39.06	-108.55	223	144	26	18.9	1912	11.9	21.9	17.4	17.5
Granger	46.34	-120.19	174	68	10	16.9	1469	11.1	19.4	16.3	17.6
Granger	46.34	-120.19	174	68	10	16.9	1469	11.1	19.4	16.3	17.6
Grants Pass	42.44	-123.33	823	198	21	17.1	1515	12.7	20.1	18.6	21.3
Grenoble	45.19	5.72	934	563	93	17.5	1597	12.5	19.6	11.3	11.5
Griffith	-34.28	146.05	418	238	40	21.5	2436	17.1	23.8	14.9	14.6
Grosseto	42.76	11.11	633	312	72	19.9	2111	15.5	22.7	10.4	10.8
Guadalajara	40.63	-3.16	427	216	32	18.4	1808	13.6	21.8	11.9	12.5
Guadalupe	32.10	-116.57	265	49	6	20.6	2272	17.6	23.8	14.6	14.9
Gualeguaychú	-33.01	-58.51	1079	758	116	21.4	2419	17.9	22.8	12.4	12.4
Guaymallén	-32.90	-68.80	251	208	35	20.8	2296	16.5	21.6	14.8	14.4
Gurtnellen	46.74	8.63	1589	1064	135	9.3	232	5.0	11.4	7.1	6.9
Gyöngyös	47.78	19.93	538	374	48	16.8	1465	10.6	18.9	12.0	12.4
Hägglingen	47.39	8.25	1169	713	84	14.6	1003	9.5	16.5	9.4	9.4
Halkída	38.47	23.62	494	161	28	21.9	2550	17.4	24.9	9.7	9.9
Hamilton	-37.74	142.02	647	291	36	15.9	1255	13.3	18.1	12.8	14.1
Hamilton	-37.79	175.28	1358	733	89	16.9	1463	14.3	18.6	9.6	10.1
Hanford	36.33	-119.65	203	43	4	22.6	2694	17.5	25.1	17.4	18.1
Hastings	-38.31	145.19	772	389	48	16.9	1465	14.5	18.8	9.9	10.2
Hayfork	40.55	-123.18	1035	204	20	16.3	1376	11.8	19.9	20.3	22.7
Healesville	-37.81	145.51	1028	532	62	16.8	1430	13.9	18.8	12.3	12.9
Heathcote	-36.92	144.70	575	275	31	17.3	1548	13.9	19.3	13.8	14.1
Hermosillo	29.07	-110.96	287	221	40	28.1	3881	23.6	30.9	15.2	12.9
Hillsboro	45.53	-122.40	1454	510	64	15.9	1259	11.8	18.5	12.6	14.1
Hódmező-vásárhely	46.42	20.33	531	350	44	17.0	1493	10.9	18.9	12.1	12.6
Hollister	36.85	-121.40	350	64	3	18.7	1868	15.5	20.9	15.8	16.5
Horitschon	47.59	16.55	662	475	66	15.5	1179	10.0	17.5	11.5	11.7
Houston	29.76	-95.37	1221	791	132	25.9	3396	21.2	27.9	9.7	9.7
Huaco	-30.16	-68.48	152	138	19	20.4	2200	16.4	21.3	15.8	15.6
Huelva	37.26	-6.94	491	165	16	21.7	2514	18.2	24.3	8.5	8.6
Huesca	42.13	-0.41	553	334	55	19.4	2015	14.5	22.3	11.3	11.8
Humahuaca	-23.20	-65.35	179	175	22	15.2	1093	12.6	15.3	17.0	16.0
Iași	47.16	27.60	562	402	47	16.9	1478	10.3	18.9	11.7	12.1
Imperia	43.89	8.04	737	361	72	19.3	2001	15.5	22.2	8.5	8.8
Indianapolis	39.77	-86.16	1045	670	75	18.3	1769	11.1	21.0	12.1	12.3
Iquique	-20.24	-70.14	0	0	0	19.5	2007	18.0	20.7	7.5	7.7
Iraklion	35.34	25.14	507	120	17	22.6	2690	19.0	25.0	5.7	4.9
Irvine	33.68	-117.83	309	46	7	20.2	2184	17.8	22.5	11.2	11.6
Isernia	41.60	14.23	766	382	68	18.5	1830	13.6	21.5	9.7	10.2
İzmir	38.42	27.14	704	155	17	22.9	2768	18.0	25.8	11.8	11.8
Jackson	38.35	-120.77	824	173	13	20.2	2178	15.6	23.5	17.6	19.0

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Jerez de la Frontera	36.45	-6.12	632	191	20	21.4	2433	18.1	24.0	7.5	7.3
Jerusalem	31.77	35.21	405	36	0	21.2	2407	17.0	23.4	13.4	13.0
Jesús María	-30.98	-64.10	727	637	100	19.1	1928	15.9	19.7	13.6	13.0
Junín	-33.14	-68.48	198	168	29	20.8	2292	16.3	21.6	15.6	15.3
Junín - Bs. As.	-34.59	-60.95	1010	792	146	19.9	2096	16.2	21.0	13.9	14.0
Karlovac	45.49	15.37	1229	771	120	16.1	1315	10.7	17.9	10.7	11.3
Kecskemét	46.90	19.69	550	359	49	16.9	1470	10.8	18.9	11.4	11.9
Kelibia	36.85	11.10	510	193	40	22.2	2613	18.7	25.4	14.0	14.5
Kikinda	45.83	20.46	572	366	46	17.6	1637	11.6	19.6	11.8	12.6
Kitzeck im Sausal	46.78	15.45	1043	764	104	14.9	1072	9.2	16.7	11.4	11.9
Klawer	-31.77	18.62	202	55	7	22.1	2561	19.3	23.6	15.4	15.8
Klöch	46.76	15.97	857	620	85	15.1	1106	9.5	16.9	11.3	11.6
Knjaževac	43.57	22.25	643	392	51	17.0	1491	11.2	19.0	12.1	13.1
Koceljeva	44.47	19.81	775	504	60	17.1	1522	11.5	19.1	11.6	12.4
Kofu	35.67	138.57	1169	918	157	19.1	1954	13.2	23.0	10.2	9.4
Koper	45.55	13.73	1017	624	109	19.5	2029	14.5	21.9	7.4	7.2
Koraleigh	-35.16	143.42	321	176	22	20.7	2264	16.9	22.5	15.2	15.4
Kragujevac	44.01	20.91	714	458	55	17.0	1494	11.4	19.0	11.9	13.1
Kráľovský Chlmec	48.42	21.98	635	419	52	15.8	1252	9.8	17.7	11.7	11.9
Krapina	46.16	15.87	1083	713	110	15.7	1214	10.2	17.3	11.0	11.3
Krasnodar	45.04	38.97	754	409	46	18.2	1755	12.1	20.6	9.2	9.4
Krems	48.42	15.60	583	437	47	14.9	1072	9.5	16.7	11.5	11.8
Križ	45.74	13.87	1634	948	156	16.7	1437	11.7	18.6	8.4	8.6
Kruševac	43.58	21.33	666	409	51	17.1	1514	11.4	19.0	12.5	13.6
Kutina	45.48	16.78	935	591	86	17.4	1575	11.7	18.9	11.8	12.6
Kutná Hora	49.95	15.27	504	382	40	14.2	960	8.8	16.1	10.7	10.9
La Ferté-sous-Jouarre	48.95	3.13	620	372	49	14.7	1020	10.6	16.7	10.7	10.9
La Paz	-33.46	-67.55	261	219	30	21.8	2492	17.0	22.5	15.9	15.6
La Rioja (Arg)	-29.41	-66.86	352	325	57	23.6	2886	19.3	24.1	14.3	13.6
La Rochelle	46.16	-1.15	763	376	60	16.8	1457	13.1	19.0	8.3	8.4
La Roche-sur-Yon	46.67	-1.43	774	383	59	15.9	1275	12.2	17.9	8.9	9.1
La Spezia	44.10	9.82	981	455	81	19.3	2001	14.9	22.0	8.4	8.6
La Viña	-25.47	-65.57	383	373	55	21.2	2370	18.3	21.4	13.1	11.8
Lago Puelo	-42.06	-71.60	1115	376	55	13.9	819	10.6	15.1	14.9	16.0
Lagoa	37.13	-8.45	540	163	18	20.2	2185	17.2	22.5	9.8	10.3
Lakes Entrance	-37.88	147.99	707	410	52	17.4	1560	15.1	18.8	10.4	10.4
Langenlois	48.47	15.69	543	410	44	15.2	1121	9.7	17.1	11.6	11.8
Langhorne Creek	-35.30	139.04	379	176	20	19.0	1894	16.2	20.5	12.4	12.6
Lanzhou	36.06	103.83	347	325	54	16.9	1483	9.5	18.5	12.8	11.8
L'Aquila	42.35	13.40	864	574	99	17.0	1508	12.0	20.0	11.9	13.1
Las Heras	-32.84	-68.83	230	190	32	21.2	2364	16.7	21.9	14.6	14.0
Las Lajas	-38.52	-70.36	233	78	10	16.0	1265	12.1	17.2	18.5	19.3
Latina	41.47	12.90	947	388	81	20.4	2223	16.1	23.4	11.2	11.7
Launceston	-41.54	147.14	687	326	40	14.4	918	11.7	16.0	11.8	12.4
Laval	48.08	-0.77	751	397	58	15.3	1132	11.7	17.4	10.2	10.5
Lavalleja	-34.36	-55.26	1260	716	114	19.4	1986	16.2	21.0	11.5	11.2
Le Mans	48.01	-0.20	735	383	58	15.3	1136	11.7	17.4	10.7	11.1

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Le Puy	45.04	3.88	721	487	73	14.1	931	9.7	16.4	11.2	11.8
Leandro N. Alem	-27.60	-55.32	1698	1070	143	23.4	2846	20.6	24.5	12.7	12.2
Lecce	40.35	18.18	579	244	53	21.2	2400	16.9	24.1	8.8	9.1
Lecco	45.86	9.40	1189	829	123	16.9	1470	11.8	19.1	9.9	9.9
Lenswood	-35.06	138.83	831	298	34	17.0	1482	14.2	18.8	13.2	14.0
León	42.60	-5.57	570	283	38	16.3	1352	11.9	19.4	13.6	14.3
Leskovac	43.00	21.94	637	376	53	17.5	1608	11.6	19.6	12.8	14.0
Liestal	47.49	7.73	1048	653	80	14.4	979	9.7	16.3	9.9	10.0
Lima	-12.05	-77.04	47	9	2	20.8	2276	19.2	22.8	9.5	9.8
Limnos	39.92	25.14	563	184	34	20.1	2172	15.5	22.9	8.4	8.4
Lisbon	38.72	-9.14	752	261	30	19.8	2098	16.9	22.0	9.0	9.8
Little Rock	34.75	-92.29	1305	745	99	22.8	2738	16.7	25.1	12.0	11.9
Livermore	37.68	-121.77	379	70	5	19.5	2027	15.7	21.9	16.6	18.1
Livorno	43.55	10.31	724	383	74	19.4	2007	15.3	22.1	9.9	10.4
Lleida	41.62	0.62	357	228	42	20.0	2144	15.1	22.9	12.8	13.0
Lodi	45.31	9.50	850	534	77	18.4	1794	12.6	20.8	10.6	10.6
Lodi	38.11	-121.27	444	83	6	20.4	2221	16.0	22.5	17.3	18.5
Logrono	42.45	-2.45	432	249	29	17.7	1658	13.5	20.5	11.7	12.3
Lons-le-Saunier	46.67	5.55	1157	687	99	16.0	1286	11.2	17.8	10.5	10.8
Los Angeles	34.05	-118.24	382	56	6	21.4	2443	18.9	23.8	11.4	11.9
Lubbock	33.58	-101.86	480	394	63	22.3	2625	16.2	24.4	14.9	14.1
Lucca	43.84	10.50	952	501	91	19.3	1992	14.6	22.1	10.5	10.9
Lucerne	47.05	8.31	1292	841	97	14.9	1057	9.9	16.8	9.2	9.1
Luján de Cuyo	-33.03	-68.88	240	190	33	19.5	2016	15.2	20.3	15.7	15.5
Luxembourg	49.61	6.13	843	474	63	14.2	929	9.8	16.2	9.9	9.6
Lyon	45.76	4.84	813	525	78	17.4	1581	12.6	19.4	11.1	11.4
Macerata	43.30	13.45	697	408	69	18.5	1812	13.7	21.1	8.1	8.2
Mâcon	46.31	4.83	830	509	78	16.2	1325	11.5	18.3	10.7	11.0
Madera	36.96	-120.06	272	64	4	22.0	2566	17.0	24.7	18.1	19.0
Madrid	40.42	-3.70	439	221	30	19.2	1972	14.5	22.5	12.0	12.1
Mailberg	48.67	16.18	530	384	44	15.6	1213	10.0	17.6	11.4	11.6
Maipú	-32.96	-68.79	228	190	33	20.5	2213	16.1	21.2	15.2	14.9
Maitland	-34.37	137.67	436	169	20	19.6	2023	16.5	21.4	12.7	12.9
Málaga	36.72	-4.43	559	165	20	21.5	2470	18.0	24.4	8.5	8.4
Malargüe	-35.48	-69.58	423	164	23	15.1	1073	11.2	16.2	16.5	16.4
Maldonado	-34.90	-54.97	1034	575	86	19.4	1982	16.5	21.1	7.6	7.5
Malmesbury	-33.47	18.72	496	147	19	20.9	2306	17.9	22.6	13.4	13.8
Mandalay	21.98	96.08	833	784	155	29.6	4197	27.3	29.0	8.9	7.6
Mandurah	-32.54	115.74	823	179	19	20.8	2275	18.3	22.9	12.0	12.6
Manjimup	-34.24	116.15	895	250	26	17.8	1639	15.2	19.7	12.5	13.4
Mantova	45.16	10.79	664	414	56	19.3	2002	13.6	21.6	10.4	10.6
Margaret River	-33.95	115.07	1085	245	26	18.8	1860	16.6	20.7	9.6	10.1
Mariposa	37.49	-119.97	799	169	9	19.8	2095	15.1	23.7	17.4	18.7
Maronia	40.90	25.52	607	248	34	19.2	1969	14.1	22.1	10.6	11.1
Märstetten	47.59	9.06	931	628	74	14.3	966	9.3	16.2	9.7	9.9
Martinborough	-41.22	175.46	937	444	74	15.3	1117	12.8	16.9	9.5	10.0
Massa	44.04	10.14	1116	539	89	19.3	1993	14.7	22.1	9.4	9.9
Matera	40.67	16.60	619	296	47	19.0	1930	14.5	21.9	9.6	10.2
Mattawa	46.74	-119.90	173	66	8	17.4	1579	11.4	20.2	15.1	16.0
McLaren Vale	-35.22	138.55	539	202	25	18.7	1848	16.0	20.4	10.8	11.0
McMinnville	45.13	-123.20	1134	301	38	15.0	1078	11.4	18.0	15.1	17.3

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
McMinnville	45.21	-123.20	1070	288	36	15.3	1132	11.6	18.1	15.1	17.2
Médanos	-38.83	-62.69	558	396	66	19.4	1981	15.2	20.6	14.3	14.3
Medford	42.33	-122.88	516	159	18	16.8	1457	12.3	19.9	18.0	20.0
Medford	42.33	-122.88	516	159	18	16.8	1457	12.3	19.9	18.0	20.0
Media Agua	-31.98	-68.43	258	227	34	22.8	2704	18.0	23.6	15.4	15.0
Meknes	33.87	-5.54	545	181	16	20.9	2333	16.9	24.0	15.2	16.1
Melk	48.23	15.35	643	471	54	15.0	1097	9.5	16.7	11.8	12.1
Melnik	41.52	23.39	524	301	38	18.2	1756	12.4	20.9	11.8	12.5
Mende	44.52	3.50	882	516	80	13.2	766	9.0	15.6	11.2	11.6
Merced	37.30	-120.48	325	66	5	21.6	2496	16.8	24.2	17.4	18.5
Merignac	44.38	-0.66	886	445	76	16.9	1468	13.0	19.2	11.3	11.7
Messina	38.19	15.55	818	330	70	22.7	2712	19.0	26.0	7.5	7.4
Metz	49.12	6.18	747	430	57	15.1	1097	10.6	17.1	10.4	10.7
Milang	-35.41	138.96	368	162	19	19.0	1892	16.3	20.5	11.8	11.9
Milano	45.46	9.19	985	632	89	19.0	1936	13.5	21.4	10.1	9.6
Mildura	-34.21	142.14	283	159	16	21.1	2349	17.3	22.9	15.2	15.4
Minneapolis	44.98	-93.27	759	610	79	16.5	1455	7.7	19.3	11.8	11.6
Miskolc	48.10	20.78	547	396	45	15.9	1265	9.8	17.6	12.7	13.1
Moama	-36.11	144.76	412	215	27	19.6	2022	15.8	21.5	14.8	15.1
Modena	44.65	10.93	725	434	65	19.5	2028	13.7	22.1	10.6	10.9
Modesto	37.64	-121.00	306	64	6	21.9	2550	17.2	24.4	17.1	17.9
Modra	48.33	17.31	730	514	63	15.7	1227	10.1	17.7	11.7	11.9
Molinos	-25.44	-66.29	145	143	17	18.5	1805	15.7	18.8	13.3	12.1
Monostorapáti	46.93	17.56	628	435	64	16.0	1293	10.4	18.1	11.3	11.6
Montague	41.73	-122.30	527	161	15	15.5	1239	10.6	19.3	19.0	21.1
Montauban	44.02	1.35	732	420	58	17.5	1606	13.3	19.6	11.6	11.8
Montevideo	-34.82	-56.21	958	575	92	19.8	2072	16.5	21.5	10.7	10.6
Monza	45.58	9.27	1025	678	98	18.4	1806	13.0	20.8	10.0	9.9
Moonambel	-36.99	143.33	618	273	31	16.6	1401	13.4	18.6	14.5	15.1
Moquegua	-17.19	-70.93	17	17	0	19.2	1953	18.6	19.9	13.2	12.8
Mór	47.37	18.20	571	378	54	16.4	1366	10.5	18.4	11.4	11.6
Morioka	39.70	141.15	1355	948	159	17.3	1601	10.6	21.7	9.5	8.6
Most	50.50	13.63	691	464	52	14.1	957	8.9	16.3	9.4	9.4
Mount Benson	-37.06	139.84	642	218	27	16.9	1468	14.9	18.3	10.5	10.9
Mount Gambier	-37.83	140.78	732	281	35	16.3	1326	14.0	17.9	11.1	11.4
Mudgee	-32.61	149.57	729	455	59	18.9	1885	15.1	20.6	14.5	13.8
Mundaring	-31.90	116.16	924	206	21	19.8	2065	16.7	22.2	13.9	14.6
Murcia	37.99	-1.13	291	157	28	22.4	2646	18.3	25.4	12.6	13.1
Murgon	-26.24	151.94	778	595	73	22.6	2667	19.2	23.5	12.9	11.4
Myrtleford	-36.56	146.72	960	439	52	18.0	1696	14.3	20.3	14.0	14.6
Nagano	36.65	138.20	1160	795	138	18.7	1874	12.3	23.0	9.8	8.6
Nagykanizsa	46.46	16.99	759	510	76	16.0	1280	10.4	17.8	11.4	11.8
Nancy	48.69	6.18	763	447	60	14.9	1065	10.4	16.9	10.5	10.8
Nannup	-33.98	115.77	866	222	24	18.7	1837	16.0	20.8	12.8	13.4
Nantes	47.15	-1.55	794	396	61	15.9	1269	12.3	17.9	9.6	9.9
Napier	-39.50	176.91	915	498	77	16.3	1333	13.8	17.7	10.0	10.1
Napoli	40.85	14.27	995	441	91	20.4	2234	16.4	23.2	9.8	10.2
Naracoorte	-36.96	140.74	570	225	25	17.5	1593	14.7	19.4	14.6	15.6
Nashik	20.00	73.79	1167	1137	219	26.9	3607	25.1	25.0	9.6	7.1
Naumburg	51.15	11.81	562	378	45	14.4	980	9.5	16.6	10.2	10.4
Neblo	46.01	13.50	1814	1105	188	17.6	1636	12.7	19.7	10.2	10.6
Negotin	44.23	22.53	620	369	48	18.1	1740	11.9	20.3	12.0	13.1

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Nelson	-41.27	173.28	1228	652	79	15.2	1106	12.6	16.8	9.0	9.3
Nemea	37.82	22.66	690	230	35	20.3	2199	15.6	23.0	12.2	13.1
Neszmély	47.73	18.35	561	367	47	16.4	1377	10.6	18.3	11.7	12.1
Neuchâtel	46.99	6.93	920	593	79	14.9	1065	10.2	16.8	10.4	10.6
Neuquén	-38.95	-68.06	272	196	27	19.0	1909	14.6	20.2	16.7	17.3
Neusiedl am See	47.95	16.85	601	409	56	15.9	1274	10.3	18.0	11.8	11.9
Nevada City	39.26	-121.02	1295	264	16	17.5	1614	13.2	20.8	16.3	18.0
Newark	43.05	-77.10	911	590	84	15.7	1289	8.7	18.6	11.6	11.6
Niagara Falls	43.10	-79.04	950	581	87	15.6	1295	8.8	18.9	10.5	10.4
Nice	43.71	7.26	788	391	75	19.0	1920	15.0	21.7	8.5	8.6
Niigata	37.92	139.04	1978	1003	162	19.7	2077	13.7	24.4	7.9	7.6
Nîmes	43.84	4.36	758	435	77	19.2	1979	14.7	21.7	11.1	11.4
Niš	43.32	21.90	642	384	51	17.4	1591	11.7	19.6	12.7	13.8
Nitra	48.31	18.08	583	390	49	16.0	1280	10.2	17.9	12.1	12.5
Nitra	48.31	18.08	583	390	49	16.0	1280	10.2	17.9	12.1	12.5
Nogoyá	-32.39	-59.79	1017	751	144	21.5	2428	18.0	22.8	12.6	12.6
Northam	-31.65	116.67	410	120	19	22.2	2578	18.3	24.6	16.1	16.1
Nova Gorica	45.95	13.65	1547	944	169	18.1	1744	13.1	20.4	9.8	10.2
Novara	45.45	8.62	902	568	74	18.0	1707	12.4	20.2	11.1	11.4
Novi Sad	45.27	19.83	622	406	45	17.7	1642	11.9	19.7	12.4	13.6
Novigrad	45.32	13.56	894	538	97	19.3	2001	14.3	21.7	7.3	7.4
Nowra	-34.88	150.60	1149	729	130	19.5	2009	16.8	20.9	9.2	8.4
Nueve de Julio	-31.65	-68.39	278	254	37	22.8	2717	18.0	23.7	15.8	15.4
Nuoro	40.32	9.33	682	247	36	18.9	1910	14.6	21.9	8.8	9.3
Nuriootpa	-34.55	138.99	581	218	26	18.0	1684	14.8	19.8	14.0	14.5
Nyabing	-33.54	118.15	373	143	21	19.1	1927	15.9	21.0	14.4	14.3
Odessa	46.48	30.72	468	272	38	17.1	1517	10.7	19.5	7.6	8.1
Olbia	40.92	9.50	554	209	28	20.4	2229	16.7	23.4	8.1	8.4
Oradea	47.05	21.92	609	375	41	16.7	1439	10.7	18.8	12.0	12.4
Orange	-33.28	149.10	879	499	57	16.7	1409	12.8	18.5	14.0	13.8
Oristano	39.91	8.59	556	210	32	20.8	2311	17.0	23.7	9.0	9.3
Orland	39.75	-122.20	537	102	9	21.2	2399	16.4	23.5	17.0	18.5
Orléans	47.90	1.91	634	371	49	15.6	1202	11.5	17.8	10.6	10.8
Oslo	59.91	10.75	742	484	76	11.9	657	6.5	14.0	8.2	7.9
Ovalle	-30.60	-71.20	120	7	0	17.7	1631	15.5	19.0	9.6	9.8
Ovid	42.68	-76.82	912	606	86	15.4	1245	8.6	18.4	12.0	12.1
Oviedo	43.36	-5.85	967	483	54	16.6	1409	13.5	18.8	9.9	10.0
Oxnard	34.20	-119.18	328	36	3	18.1	1731	16.4	19.7	10.5	10.3
Paarl	-33.73	18.96	646	197	24	21.0	2335	18.0	22.8	13.6	14.1
Padova	45.41	11.88	845	519	65	19.3	2002	13.7	21.6	10.8	11.4
Padthaway	-36.60	140.49	512	201	21	17.8	1643	14.9	19.6	14.8	15.8
Paks	46.61	18.85	553	371	55	17.3	1555	11.3	19.3	11.3	11.9
Palermo	38.12	13.36	470	197	44	21.5	2472	18.1	24.6	7.0	6.8
Palma	39.57	2.65	442	229	54	20.7	2287	17.0	23.7	8.7	8.7
Palmitas	-33.51	-57.80	1163	782	137	20.9	2297	17.4	22.2	11.5	11.1
Pannonhalma	47.55	17.76	573	385	54	16.2	1326	10.4	18.2	11.7	12.0
Paraná	-31.74	-60.51	1088	875	152	21.8	2506	18.4	23.1	12.2	12.1
Parma	44.80	10.33	744	439	64	19.2	1976	13.5	21.8	10.4	10.6
Parndana	-35.79	137.26	658	206	29	17.6	1603	15.2	19.1	8.0	7.9
Paros	37.09	25.15	407	87	7	22.1	2583	18.4	24.4	5.9	5.3
Paterson	45.94	-119.60	203	80	9	17.6	1625	12.0	20.2	15.6	16.8
Patras	38.25	21.73	715	223	39	21.4	2446	17.1	24.4	10.9	11.8

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Pau	43.30	-0.37	1428	736	109	17.7	1649	14.0	20.3	11.0	11.0
Paula A. de Sarmiento	-31.49	-68.53	258	235	33	22.5	2650	17.7	23.4	15.8	15.6
Pavia	45.18	9.16	758	463	67	18.4	1802	12.7	20.9	10.2	10.3
Paysandú	-32.31	-58.08	1230	853	130	21.6	2454	18.2	23.2	13.0	12.8
Pécs	46.07	18.23	630	428	59	17.2	1542	11.4	19.2	11.2	11.6
Pemberton	-34.44	116.04	1126	324	32	17.7	1636	15.5	19.5	11.4	12.1
Penn Yan	42.66	-77.05	857	575	81	15.5	1266	8.7	18.5	12.6	12.6
Perpignan	42.74	2.89	539	290	49	19.6	2051	15.6	22.0	9.5	9.4
Perugia	43.10	12.39	732	403	69	18.2	1758	13.4	21.0	9.6	10.1
Pescara	42.46	14.22	658	354	61	19.6	2059	15.2	22.2	8.8	9.2
Phnom Penh	11.56	104.93	1348	1150	231	29.0	4054	28.3	28.5	7.8	7.0
Piacenza	45.05	9.69	810	481	65	18.6	1847	12.9	21.1	10.9	11.0
Picún Leufú	-39.52	-69.29	119	54	9	17.2	1524	13.1	18.5	15.6	16.4
Pierrevet	43.81	5.75	702	401	73	18.0	1726	13.3	20.8	10.4	10.6
Pinhao	41.11	-7.55	1299	470	59	16.6	1425	13.0	19.5	11.8	12.7
Pisa	43.72	10.40	914	488	93	19.3	1987	14.8	21.9	10.4	10.9
Pistoia	43.93	10.91	940	501	86	19.3	1985	14.5	22.0	10.6	11.0
Pitești	44.86	24.87	619	432	43	16.9	1476	10.7	19.1	12.4	13.0
Placerville	38.73	-120.80	940	202	16	19.5	2039	14.9	23.0	16.8	18.4
Plešivica	45.73	15.65	1161	740	117	15.2	1112	10.0	17.0	10.6	11.1
Plodvid	42.13	24.75	534	315	39	18.8	1886	12.8	21.1	11.7	12.4
Poitiers	46.58	0.34	694	382	53	15.8	1239	11.8	17.9	10.9	11.1
Pomán	-28.40	-66.22	362	338	58	22.8	2708	18.6	23.1	14.4	13.5
Ponta Delgada	37.74	-25.67	980	437	83	19.3	1987	17.6	21.8	6.4	6.9
Pordenone	45.96	12.66	1094	714	102	18.6	1837	13.2	20.9	10.9	11.1
Port Macquarie	-31.43	152.90	1487	1019	195	21.1	2340	18.4	22.4	9.1	8.6
Port Williams	45.10	-64.41	1170	625	97	13.3	894	6.9	16.9	11.4	11.7
Posadas	-27.36	-55.90	1762	1164	145	24.6	3098	21.7	25.6	12.2	11.9
Potenza	40.64	15.81	623	311	51	16.6	1425	12.1	19.5	8.5	9.0
Požarevac	44.62	21.18	665	425	52	17.5	1612	11.7	19.6	11.8	12.9
Prague	50.08	14.44	512	384	39	15.7	1218	10.4	17.7	11.2	11.3
Prato	43.88	11.10	923	490	82	19.7	2087	14.9	22.4	10.6	11.0
Prosser	46.20	-119.77	206	82	10	17.0	1493	11.0	19.9	15.9	17.2
Puelches	-38.14	-65.92	319	239	34	19.8	2078	15.3	21.1	17.3	17.7
Puelén	-37.34	-67.62	273	197	28	19.3	1972	14.8	20.6	17.6	18.0
Puerto Montt	-41.47	-72.94	1858	798	114	13.3	699	11.1	14.4	8.5	8.6
Qingdao	36.07	120.38	690	609	78	20.0	2138	13.1	23.9	6.8	6.4
Quebec	46.81	-71.21	1264	817	120	13.9	1078	5.5	17.1	10.7	11.1
Ragusa	36.93	14.73	513	196	39	20.0	2149	16.0	23.1	8.1	8.1
Raleigh	35.78	-78.64	1169	723	107	21.2	2403	15.5	23.7	12.4	11.6
Rand	-28.45	21.25	204	179	37	24.8	3131	20.6	26.1	16.7	15.9
Rapsani	39.90	22.55	472	245	39	19.9	2129	14.6	23.0	12.8	13.5
Ravenna	44.42	12.20	658	384	65	19.7	2082	14.1	22.4	9.0	9.3
Rawsonville	-33.68	19.31	615	196	24	20.5	2221	17.5	22.3	14.3	14.4
Redding	40.59	-122.39	1119	238	22	22.2	2610	17.0	25.6	16.4	18.1
Reggio di Calabria	38.11	15.65	794	315	64	23.2	2832	19.4	26.3	8.2	8.3
Reggio nell'Emilia	44.70	10.63	731	430	63	19.2	1976	13.5	21.8	10.4	10.7
Reims	49.31	4.03	613	370	49	14.7	1020	10.5	16.7	10.9	11.1
Renmark	-34.17	140.74	249	133	11	21.0	2333	17.4	22.7	15.7	15.9

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Reus	41.15	1.11	541	345	78	20.0	2143	16.2	22.9	8.1	8.2
Rieti	42.40	12.86	650	381	67	18.3	1780	13.5	21.2	11.5	12.4
Rijeka	45.33	14.44	1424	773	151	19.1	1952	14.4	21.7	8.7	9.1
Rimavská Sobota	48.38	20.02	549	393	44	15.4	1184	9.3	17.4	12.5	12.9
Rimini	44.07	12.57	725	432	73	19.2	1973	14.1	21.8	10.0	10.1
Rincón de los Sauces	-37.39	-68.93	209	113	14	18.4	1786	14.1	19.7	17.4	18.0
Río Colorado	-38.99	-64.10	344	238	40	19.5	2003	15.3	20.7	15.9	16.4
Rivadavia	-33.19	-68.46	206	174	30	20.8	2281	16.3	21.5	15.6	15.4
Rivadavia	-31.53	-68.59	244	220	31	22.1	2565	17.4	23.0	15.9	15.6
Rivera	-30.92	-55.55	1539	955	135	21.6	2454	18.4	22.9	12.6	12.6
Riverhead	40.92	-72.66	1142	632	90	17.4	1610	11.3	20.8	9.9	9.6
Riverside	33.98	-117.38	311	56	8	21.7	2514	18.4	24.6	16.4	17.2
Robe	-37.16	139.75	642	211	28	16.8	1444	14.9	18.1	9.6	9.9
Robertson	-33.80	19.89	396	163	22	21.3	2396	18.1	23.0	14.5	14.4
Rocha	-34.48	-54.33	1161	645	95	19.4	1984	16.4	21.1	10.5	10.5
Rodeo	-30.21	-69.14	94	75	9	16.1	1296	12.8	17.1	15.4	15.4
Rogova	44.47	22.81	629	382	47	18.4	1797	12.0	20.6	11.8	12.7
Roma	41.90	12.50	718	317	63	20.1	2172	15.8	23.0	11.6	11.9
Rostov-on-Don	47.24	39.70	586	331	41	17.5	1623	10.2	19.8	10.9	11.6
Rovigo	45.07	11.79	678	415	57	19.6	2068	13.9	22.0	9.6	9.9
Rust	47.80	16.67	601	422	58	16.0	1297	10.5	18.1	11.7	11.9
Rutherford	-36.05	146.46	573	285	33	19.3	1971	15.2	21.8	14.5	14.8
Saavedra	-37.76	-62.35	767	580	92	17.7	1620	13.7	19.0	14.5	14.5
Sacramento	38.58	-121.49	452	83	6	21.1	2376	16.7	23.4	16.7	18.0
Salamanca	40.97	-5.66	549	258	35	16.9	1475	12.5	19.8	14.0	15.1
Salem	44.94	-123.04	1001	291	37	15.8	1234	11.9	18.4	14.4	16.4
Salerno	40.68	14.77	1050	438	85	20.2	2192	16.1	23.3	9.4	9.3
Salinas	36.68	-121.66	402	71	5	16.6	1420	14.6	18.1	11.9	12.1
Salto	-31.39	-57.96	1342	934	147	22.4	2615	18.9	23.5	12.8	12.6
San Agustín	-31.98	-64.38	681	594	97	19.8	2080	16.4	20.6	13.5	13.3
San Agustín	-30.63	-67.47	287	269	38	21.4	2422	17.2	22.1	14.6	14.0
San Andreas	38.20	-120.68	735	151	12	20.3	2206	15.7	23.5	18.0	19.4
San Bernardino	34.11	-117.29	289	57	8	22.6	2693	18.9	25.5	16.7	17.8
San Blas de los Sauces	-28.40	-67.09	221	206	35	22.8	2704	18.5	23.3	16.0	15.2
San Buenaventura	27.06	-101.54	335	269	72	26.6	3550	21.9	27.5	15.5	14.6
San Carlos	-33.77	-69.04	323	245	46	18.1	1722	13.8	19.0	17.6	17.8
San Carlos	-25.89	-65.93	162	160	20	20.4	2204	17.4	20.8	12.4	11.1
San Carlos de Bariloche	-41.13	-71.31	950	333	50	11.6	438	8.4	13.1	13.8	14.9
San Diego	32.72	-117.16	265	47	5	20.1	2163	18.0	22.4	8.0	8.0
San Fernando	-34.59	-70.99	732	112	11	18.3	1751	14.7	19.6	14.3	14.9
San Francisco del Monte de Oro	-32.60	-66.13	509	430	62	22.1	2569	18.7	22.9	14.2	13.8
San Jose	37.34	-121.89	386	74	4	19.4	2018	16.4	21.4	13.4	13.8
San José	-34.35	-56.71	1215	743	131	20.3	2189	17.0	21.9	11.9	11.8
San Juan	-31.54	-68.54	281	257	34	22.4	2620	17.6	23.3	15.9	15.6
San Luis	-33.30	-66.34	441	378	51	21.4	2422	17.5	22.1	14.7	14.4
San Luis Obispo	35.28	-120.66	560	86	8	17.5	1615	15.4	19.4	13.9	14.6

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
San Martín	-33.08	-68.47	201	172	29	21.2	2363	16.6	21.9	15.4	15.1
San Martín	-31.52	-68.35	272	249	35	22.8	2700	17.9	23.6	15.7	15.3
San Martín de los Andes	-40.16	-71.35	1134	416	58	12.0	513	8.9	13.5	14.8	15.9
San Mateo	37.56	-122.33	503	88	5	16.8	1456	14.5	18.4	9.3	9.4
San Rafael	-34.61	-68.34	293	218	35	18.7	1841	14.3	19.7	16.1	16.0
San Rafael	37.97	-122.53	1047	160	7	17.8	1672	15.0	19.7	11.0	11.4
Sanagasta	-29.29	-67.02	253	236	40	21.2	2381	17.1	21.9	14.9	14.3
Santa Cruz	36.97	-122.04	744	121	7	16.5	1401	14.4	18.0	12.1	12.3
Santa Cruz de Tenerife	28.46	-16.25	275	58	7	22.1	2596	20.5	24.3	7.4	7.7
Santa Lucía	-31.53	-68.48	264	243	34	22.5	2644	17.7	23.4	15.8	15.5
Santa María	34.55	-120.44	478	82	6	15.8	1252	14.3	17.9	10.3	10.3
Santa María	-26.70	-66.05	187	183	23	19.5	2012	16.3	19.9	11.8	10.6
Santa Rosa	-31.74	-68.31	277	254	37	22.8	2706	18.0	23.6	15.6	15.1
Santa Rosa	-32.34	-65.20	673	553	85	21.5	2434	17.8	22.2	14.0	13.9
Santa Rosa	-33.25	-68.15	216	187	30	21.3	2394	16.6	22.0	15.7	15.5
Santander	43.46	-3.81	1207	590	92	17.2	1550	14.7	19.5	6.2	6.3
Santiago	-33.49	-70.67	342	47	5	19.0	1914	15.6	20.2	16.2	16.9
Santiago del Estero	-27.78	-64.26	618	575	87	24.5	3073	20.7	24.9	14.5	13.5
Sapporo	43.06	141.35	1268	769	141	15.6	1287	8.7	20.1	8.3	7.7
Sardara	39.61	8.82	566	213	37	21.0	2350	16.8	24.1	10.0	10.4
Sarmiento	-45.59	-69.07	139	64	11	14.7	996	11.0	15.9	12.8	12.9
Sarnen	46.90	8.25	1377	898	99	14.0	905	9.0	15.8	9.0	8.9
Sassari	40.73	8.56	649	254	39	19.5	2027	15.6	22.4	9.5	9.9
Savona	44.30	8.46	849	459	83	19.8	2089	15.6	22.5	8.4	8.6
Schaffhausen	47.70	8.64	897	567	62	14.4	974	9.4	16.5	9.9	10.2
Schloßböckelheim	49.81	7.74	568	357	45	14.1	926	9.5	16.1	10.4	10.5
Schwyz	47.02	8.65	1397	939	112	14.3	962	9.3	16.2	9.0	8.9
Seattle	47.61	-122.33	1015	358	47	14.4	951	10.9	16.9	9.8	10.4
Sélestat	48.26	7.45	709	447	58	15.6	1199	10.8	17.6	10.4	10.8
Senta	45.92	20.08	544	359	42	17.3	1559	11.3	19.3	11.9	12.6
Seoul	37.57	126.98	1368	1192	152	19.7	2073	12.3	23.3	9.6	8.6
Shepparton	-36.38	145.40	522	267	33	19.2	1938	15.4	21.2	14.1	14.3
Siena	43.32	11.33	744	372	61	18.6	1854	14.1	21.2	10.6	11.3
Simferopol	44.95	34.10	539	298	41	17.1	1530	11.5	20.1	10.9	11.4
Sinj	43.70	16.64	933	483	82	18.4	1798	13.3	20.8	9.5	10.1
Siracusa	37.08	15.29	495	208	33	21.9	2559	18.3	25.0	8.7	8.8
Slovenske Konjice	46.34	15.42	1170	811	121	15.3	1145	10.0	17.1	11.1	11.4
Soissons	49.38	3.32	633	377	49	14.8	1028	10.7	16.7	10.4	10.4
Solothurn	47.21	7.53	1129	721	88	13.6	859	8.9	15.7	9.4	9.6
Sombor	45.77	19.12	619	402	50	17.3	1574	11.4	19.3	12.5	13.8
Somlóvásárhely	47.12	17.38	601	422	62	16.1	1311	10.5	18.2	11.5	11.8
Sondrio	46.17	9.88	838	602	88	13.5	822	8.6	15.6	10.0	10.0
Sonoma	38.30	-122.46	742	122	7	18.4	1808	15.1	20.6	17.5	19.0
Sonora	37.98	-120.38	813	168	11	19.4	2020	14.8	23.3	18.2	19.6
Sopron	47.68	16.58	661	473	66	15.6	1190	10.1	17.6	11.5	11.7
Split	43.51	16.44	803	396	71	21.3	2423	16.6	24.0	9.2	9.5
Springfield	39.78	-89.65	947	648	85	19.1	1942	11.7	21.6	12.4	12.7

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
St Catherines	43.18	-79.25	864	553	84	15.8	1329	9.0	19.1	10.3	10.3
St Helena	38.50	-122.47	864	142	9	18.1	1744	14.6	20.5	17.3	18.6
St Pourcain sur Sioule	46.31	3.29	727	475	65	15.6	1196	11.3	17.7	11.8	12.1
St. Gallen	47.42	9.38	1245	874	111	13.2	795	8.5	15.3	9.5	9.5
St. Louis	38.63	-90.20	983	640	83	20.1	2164	13.0	22.7	12.1	12.3
Stainz	46.89	15.26	1002	746	99	15.3	1139	9.6	17.1	11.6	12.0
Stanthorpe	-28.66	151.94	766	550	71	18.9	1873	15.3	20.1	12.5	11.3
Stellenbosch	-33.90	18.87	701	222	26	19.7	2061	17.0	21.4	12.8	13.4
Stixneusiedl	48.04	16.68	609	420	56	15.9	1272	10.3	18.0	11.6	11.9
Strathbogie	-36.86	145.86	1148	490	54	15.5	1156	12.0	17.9	13.4	14.1
Stuttgart	48.78	9.18	710	482	54	14.5	983	9.7	16.4	10.4	10.6
Subotica	46.10	19.66	571	375	45	17.1	1525	11.1	19.1	11.6	12.5
Summerland	49.61	-119.68	327	189	23	14.3	1031	8.3	17.1	14.3	15.2
Sunbury	-37.58	144.71	573	332	37	17.0	1474	14.0	19.0	12.1	12.4
Susanville	40.42	-120.65	408	118	12	14.8	1101	9.5	18.1	20.0	22.1
Sutherlin	43.39	-123.31	1133	323	36	16.3	1358	12.4	19.1	15.8	18.0
Svishtov	43.62	25.35	572	364	42	18.7	1857	12.2	21.3	12.3	12.9
Swan Hill	-35.34	143.55	345	183	24	20.4	2207	16.6	22.4	15.0	15.2
Szekszárd	46.35	18.71	566	383	58	17.2	1549	11.3	19.3	11.4	11.9
Tacna	-18.01	-70.25	8	3	0	19.8	2074	18.0	21.4	11.2	11.4
Tacuarembó	-31.72	-55.99	1315	796	129	21.6	2465	18.3	22.9	12.8	12.6
Tafí del Valle	-26.85	-65.71	348	332	44	17.9	1682	14.9	18.3	11.3	10.2
Taipei	25.05	121.55	2888	1911	337	25.5	3315	22.0	27.1	6.2	6.4
Taiyuan	37.85	112.57	453	411	61	18.3	1786	10.5	20.0	13.8	12.6
Tamberías	-31.46	-69.42	134	91	11	16.7	1414	13.0	17.8	15.4	15.5
Tandil	-37.33	-59.14	909	636	104	17.3	1547	13.7	19.1	14.2	14.3
Taranto	40.46	17.25	570	257	45	20.9	2325	16.8	23.7	9.0	9.1
Taraz	42.90	71.40	324	162	9	19.0	1934	11.5	21.5	14.4	15.7
Tarbes	43.23	0.08	1227	663	80	17.4	1595	13.5	20.0	10.9	10.9
Tecka	-43.49	-70.81	374	149	24	12.5	609	8.9	13.9	13.9	14.7
Tekirdağ	40.98	27.51	642	259	45	18.7	1870	13.9	21.7	10.1	10.4
Telavi	41.91	45.48	760	581	63	16.6	1415	10.8	19.3	11.5	11.6
Temuco	-38.74	-72.59	1243	414	48	14.3	917	11.9	15.6	13.5	14.7
Teramo	42.66	13.70	784	480	81	18.5	1821	13.7	21.3	10.2	10.9
Terni	42.56	12.64	574	314	56	19.4	2015	14.6	22.2	11.3	11.9
The Dalles	45.59	-121.18	414	112	14	17.3	1573	12.2	20.0	15.0	16.4
Thouars	46.98	-0.22	750	393	58	15.8	1253	11.9	18.0	10.5	10.8
Thun	46.76	7.63	1109	714	83	13.8	884	9.0	15.9	9.3	9.3
Tianjin	39.08	117.20	546	513	42	21.2	2398	13.1	23.5	9.8	8.5
Tilcara	-23.58	-65.39	268	263	34	16.3	1331	13.7	16.4	15.5	14.4
Timișoara	45.75	21.21	605	398	46	17.2	1551	11.2	19.3	12.4	13.0
Tinogasta	-28.06	-67.57	147	137	21	22.0	2547	17.9	22.5	17.2	16.3
Tokaj	48.10	21.41	609	404	46	15.8	1251	9.7	17.5	12.1	12.4
Tokat	40.32	36.55	458	229	22	17.3	1570	12.0	20.1	13.4	14.4
Toledo	39.86	-4.03	365	187	24	20.5	2249	15.6	23.8	13.0	13.6
Torino	45.20	7.69	783	556	66	17.7	1644	12.2	20.0	10.2	10.0
Tornquist	-38.10	-62.22	776	579	93	18.0	1687	14.0	19.3	14.2	14.0
Toul	48.68	5.89	719	425	54	14.7	1025	10.2	16.7	10.3	10.6
Toulon	43.12	5.93	652	321	56	19.2	1979	15.6	21.8	8.4	8.5
Toulouse	43.60	1.44	671	396	52	18.0	1725	13.8	20.3	11.0	11.3
Tournon	45.07	4.83	854	543	97	17.1	1514	12.4	19.3	11.5	11.8

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Tours	47.44	0.68	685	373	50	15.6	1210	11.7	17.8	10.7	10.9
Traismauer	48.35	15.74	551	410	46	15.3	1145	9.8	17.0	11.7	11.9
Trancas	-26.23	-65.28	435	421	70	22.4	2625	19.6	22.8	11.6	10.4
Trapani	38.02	12.54	471	186	42	21.7	2509	18.2	24.9	7.8	7.7
Trento	46.07	11.12	780	539	69	15.8	1244	10.6	18.0	11.4	11.6
Treviso	45.67	12.24	932	596	80	19.1	1942	13.5	21.4	10.3	10.6
Trier	49.75	6.64	804	462	60	14.4	960	9.8	16.3	10.1	10.4
Trieste	45.65	13.78	1087	665	113	19.1	1961	14.3	21.8	7.7	7.4
Tulle	45.27	1.77	863	510	75	15.8	1239	11.7	17.8	12.1	12.3
Tulln	48.33	16.06	552	397	47	15.7	1213	10.1	17.6	11.6	11.9
Tumbarumba	-35.78	148.01	1037	497	58	16.3	1335	12.4	18.9	15.3	15.6
Tumbaya	-23.87	-65.47	394	383	53	17.4	1558	14.8	17.5	14.5	13.4
Tunuyán	-33.58	-69.02	291	219	41	18.8	1863	14.5	19.6	17.1	17.2
Tupungato	-33.37	-69.15	288	194	33	18.1	1723	14.0	19.0	16.8	16.9
Turkistan	43.31	68.23	205	78	2	21.1	2377	12.7	23.1	16.0	17.5
Udine	46.06	13.23	1540	977	148	18.4	1808	13.2	21.0	10.5	10.6
Ukiah	39.15	-123.21	1070	183	14	17.3	1568	13.8	20.3	17.6	19.5
Upper Swan	-31.77	116.03	700	154	16	21.5	2432	18.5	24.1	13.8	14.3
Uralsk	51.23	51.39	340	209	27	15.7	1398	6.1	17.8	13.1	13.9
Urbino	43.74	12.64	894	507	84	18.3	1784	13.2	20.9	9.0	9.2
Ürümqi	43.83	87.62	235	173	20	18.1	1774	7.7	20.5	12.0	12.3
Ust'-											
Kamenogorsk	49.97	82.60	466	299	34	13.2	990	3.2	15.0	13.4	14.3
Valais	46.22	7.36	726	413	50	14.8	1047	9.7	16.8	10.4	10.4
Valence	44.91	4.89	872	552	103	17.6	1625	12.9	19.9	11.6	11.9
Valencia	39.47	-0.38	451	250	55	21.5	2454	17.8	24.5	8.9	8.6
Valladolid	41.70	-4.72	437	227	28	17.0	1508	12.6	20.0	13.7	14.4
Varese	45.82	8.83	1273	862	115	17.0	1490	11.6	19.1	10.0	10.0
Venezia	45.44	12.32	770	481	68	19.0	1936	13.6	21.5	8.6	8.9
Vercelli	45.32	8.42	809	516	64	18.0	1717	12.4	20.3	10.5	10.6
Verona	45.38	10.99	825	535	68	19.4	2015	13.6	21.8	10.0	10.1
Vesoul	47.62	6.15	1043	603	85	15.1	1094	10.4	17.0	11.0	11.3
Vibo Valentia	38.68	16.10	918	362	65	19.7	2076	15.9	22.7	7.7	7.9
Vicenza	45.55	11.54	1097	646	78	19.7	2080	13.9	22.1	9.8	9.9
Victor Harbor	-35.55	138.62	536	201	25	18.3	1748	16.0	19.6	9.3	9.1
Victoria	-32.62	-60.16	965	714	147	21.5	2426	18.1	22.7	12.7	12.8
Vidin	44.00	22.87	594	360	45	18.4	1798	12.1	20.5	11.7	12.7
Viedma	-40.81	-63.00	363	230	44	18.3	1760	14.5	19.8	13.5	13.4
Vigo	42.24	-8.72	1626	640	92	17.2	1533	14.5	19.1	7.1	7.0
Villa Aberastain	-31.65	-68.58	257	233	33	22.4	2626	17.7	23.4	15.9	15.5
Villa Castelli	-29.02	-68.23	131	114	19	19.5	2017	15.9	20.4	15.5	15.1
Villa Cura											
Brochero	-31.67	-65.02	669	561	87	19.6	2028	16.1	20.2	14.0	13.6
Villa del Salvador	-31.45	-68.40	262	240	33	22.6	2665	17.8	23.5	15.7	15.4
Villa del Totoral	-30.71	-64.07	692	607	97	19.5	2008	16.2	20.1	13.7	13.1
Villa Dolores	-31.95	-65.19	717	580	89	22.2	2590	18.5	22.8	14.1	13.9
Villa Gesell	-37.26	-56.97	926	551	89	17.9	1672	14.6	19.7	10.3	10.4
Villa Ibañez	-31.46	-68.72	224	197	27	21.4	2412	16.9	22.3	15.9	15.6
Villa Krause	-31.57	-68.53	286	261	35	22.4	2628	17.6	23.3	15.9	15.6
Villa Tulumaya	-32.72	-68.59	207	175	30	21.8	2504	17.3	22.6	14.7	14.1
Villa Tulumba	-30.40	-64.12	659	580	96	19.6	2038	16.4	20.3	13.9	13.3
Villa Unión	-29.32	-68.23	136	121	20	20.0	2108	16.2	20.9	15.5	15.2

Table 76 (cont.): Key climate indicators of the world's wine regions

<b>Location</b>	<b>Latitude</b>	<b>Longitude</b>	<b>AnnP</b>	<b>GSP</b>	<b>RipeP</b>	<b>GST</b>	<b>GDD</b>	<b>AnnT</b>	<b>RPT</b>	<b>GSDTR</b>	<b>RPDTR</b>
Villány	45.87	18.45	641	426	57	17.0	1506	11.2	19.0	11.5	12.1
Villeneuve-de-Marsan	43.89	-0.31	1054	543	85	16.9	1483	13.1	19.3	11.8	12.1
Vinchina	-28.75	-68.20	131	114	20	19.2	1943	15.6	20.0	15.6	15.1
Virovitica	45.83	17.39	815	533	75	17.3	1571	11.7	19.1	11.7	12.4
Visalia	36.33	-119.29	266	63	5	22.7	2713	17.7	25.1	16.9	17.6
Viterbo	42.42	12.13	292	153	26	18.3	1783	13.6	21.3	10.4	10.8
Vitoria-Gasteiz	42.85	-2.67	835	421	49	15.7	1225	11.9	18.5	9.8	10.4
Vranje	42.55	21.90	644	399	56	15.7	1228	10.2	18.0	12.2	13.3
Waipara	-43.05	172.76	655	378	62	14.6	982	11.9	16.2	9.0	8.9
Waldstatt	47.36	9.29	1340	928	118	12.4	649	7.8	14.4	9.2	9.2
Walla Walla	46.06	-118.34	407	178	17	17.3	1556	11.8	20.2	15.5	17.1
Waterville	47.65	-120.07	293	111	13	14.0	989	7.6	17.1	14.8	16.0
Watkins Glen	42.38	-76.87	866	583	80	15.2	1193	8.5	18.4	13.3	13.4
Wentworth	-34.11	141.92	276	155	17	21.5	2428	17.6	23.3	15.2	15.4
Whangarei	-35.73	174.32	1595	818	127	17.3	1540	15.2	19.0	8.3	8.4
White Salmon	45.73	-121.49	814	210	26	15.3	1149	10.7	18.2	14.7	16.5
Whitfield	-36.77	146.41	1071	469	54	17.2	1525	13.7	19.5	14.2	14.9
Wien	48.21	16.37	596	407	49	16.0	1283	10.5	18.0	11.6	11.8
Willcox	32.25	-109.83	314	218	40	21.9	2550	16.6	24.4	18.8	16.6
Woodend	-37.36	144.52	814	391	45	14.9	1037	11.8	17.3	12.8	13.3
Woodland	38.68	-121.77	464	79	6	21.4	2451	16.8	23.9	18.1	19.7
Worcester	-33.65	19.46	538	180	22	21.0	2329	17.8	22.8	14.6	14.7
Worms	49.63	8.35	591	386	44	15.6	1205	10.8	17.7	10.6	10.6
Würzburg	49.79	9.95	616	373	42	14.4	982	9.6	16.2	10.7	10.9
Yakima	46.60	-120.51	205	76	9	17.0	1498	11.0	19.9	16.9	18.4
Yamagata	38.26	140.34	1295	831	133	18.6	1842	11.9	22.9	9.7	8.9
Yantai	37.46	121.45	709	618	81	19.4	2019	12.4	23.1	7.3	6.0
Yass	-34.84	148.91	715	403	53	18.1	1702	14.1	20.1	15.1	14.9
Yerevan	40.19	44.52	349	229	14	17.8	1674	11.1	21.3	14.0	14.8
Yinchuan	38.28	106.23	205	192	30	17.2	1540	9.2	19.0	13.2	12.1
Young	-34.30	148.30	666	368	45	18.7	1845	14.6	21.0	16.0	15.9
Yuba City	39.18	-121.69	516	97	8	22.0	2576	17.2	24.3	17.1	18.7
Zacatecas	22.77	-102.58	426	376	82	17.1	1529	15.2	16.6	16.0	14.4
Zadar	44.12	15.23	885	471	100	19.8	2090	15.2	22.2	11.2	12.3
Zamora	41.50	-5.75	668	289	40	17.1	1526	12.9	20.0	13.6	14.2
Zaragoza	41.65	-0.89	361	226	33	20.0	2146	15.5	22.8	12.0	12.3
Zitoradja	43.19	21.72	648	387	52	17.4	1588	11.6	19.5	12.7	13.8
Zitsa	39.75	20.65	1142	414	78	18.8	1892	14.0	21.5	11.9	12.6
Znojmo	48.86	16.05	526	387	43	15.3	1150	9.7	17.3	11.3	11.5
Zug	47.17	8.52	1228	813	95	14.7	1032	9.6	16.6	9.1	8.9
Zürich	47.48	8.54	1026	650	75	14.6	1011	9.6	16.6	9.4	9.4

Table 77: Shares of Old World, New World and world winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

New World	2000						2016						
	Variety	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Elvira	344	0	100	0	0	0	15.3	231	7	93	0	0	15.4
Aurore	299	0	100	0	0	0	15.4	255	13	86	0	0	15.4
Pinot Meunier	198	4	19	66	12	17.8	418	54	14	26	6	15.4	
Baco Noir	391	0	100	0	0	0	15.2	729	3	97	0	0	15.7
Seyval Blanc	383	22	69	8	0	0	15.2	2584	5	90	1	3	15.7
Catawba	635	0	100	0	0	0	15.4	625	6	82	5	7	15.9
Concord	11816	0	79	0	21	16.1	10535	2	76	5	17	16.1	
Campbell Early	0	0	0	0	0	0.0	238	0	72	28	0	16.1	
Arinarnoa	1	0	0	0	100	21.3	339	0	85	1	14	16.3	
Pinot Blanc	631	0	70	23	7	16.8	440	29	32	26	13	16.5	
Gamay Noir	949	0	52	32	16	17.5	424	17	54	15	15	16.5	
Sauvignon Blanc (G)	13	0	0	88	12	18.4	253	0	41	52	7	17.1	
Pinot Noir	13311	4	38	46	13	17.4	42339	9	43	36	12	17.1	
Cardinal	680	0	0	0	100	22.2	223	0	10	75	15	17.4	
Gewürztraminer	1885	1	37	33	28	17.8	2328	14	40	23	23	17.4	
Negramoll	0	0	0	0	0	0.0	1258	0	52	0	48	17.5	
Riesling	6504	3	28	54	15	17.6	12319	6	38	45	11	17.5	
Niagara	15253	0	12	0	88	19.1	3264	1	45	10	44	17.5	
Listan Prieto	16221	0	35	59	6	17.6	10267	0	37	57	5	17.6	
Sauvignon Blanc	22567	1	15	45	39	18.7	62799	1	35	39	25	17.9	
Vidal	611	0	93	7	0	15.3	1936	3	5	83	8	18.0	
Lacrima Christi	0	0	0	0	0	0.0	226	0	0	100	0	18.1	
Yan 73	0	0	0	0	0	0.0	4800	0	0	100	0	18.1	
Beibinghong	0	0	0	0	0	0.0	1600	0	0	100	0	18.1	
Longyan	0	0	0	0	0	0.0	1000	0	0	100	0	18.1	
Carmenère	4719	0	1	91	8	18.1	21822	0	1	95	5	18.1	
Delaware	198	0	49	0	51	17.5	421	3	18	36	43	18.2	
Graševina	880	0	0	0	100	19.6	3188	0	0	94	6	18.2	
Alicante Henri Bouschet	3558	0	0	75	24	18.8	7575	0	1	84	15	18.3	
Traminette	5	0	0	100	0	17.1	239	0	20	26	54	18.3	
Vignoles	68	0	49	51	0	16.3	241	0	21	21	58	18.5	
Pinot Gris	1178	5	73	18	4	16.2	15454	7	33	15	45	18.5	
Cabernet Sauvignon	103622	0	4	55	41	19.0	176280	0	6	66	28	18.7	
Merlot	51325	0	7	49	44	19.2	73187	1	8	57	33	18.8	
Sauvignonasse	935	0	0	22	77	20.2	1126	0	0	65	35	18.9	
Prosecco	9	0	0	93	7	18.8	379	0	1	35	64	18.9	
Cabernet Franc	8193	0	12	23	65	18.9	14499	2	8	27	64	18.9	
Chardonnay	75704	1	19	37	44	19.0	99094	2	18	38	42	19.0	
Koshu	0	0	0	0	0	0.0	690	0	0	14	86	19.0	
Roussanne	21	0	29	49	22	17.6	291	3	14	38	46	19.0	
Red Globe	1940	0	0	2	98	21.9	242	0	26	0	74	19.0	
Chambourcin	28	0	59	41	0	16.4	373	0	14	19	67	19.0	
Garnacha Tinta	6667	0	1	19	81	21.4	8405	0	3	67	30	19.2	
Marsanne	233	0	15	12	73	19.5	259	1	11	34	54	19.3	
Muscat	0	0	0	0	0	0.0	723	2	5	0	93	19.4	
Viognier	760	0	5	55	40	19.2	4951	2	8	35	55	19.4	
Muscat Bailey A	1300	0	0	0	100	19.7	1821	0	0	9	91	19.4	
Durif	1104	0	8	38	54	19.5	4697	0	3	39	58	19.5	
Côt	19751	0	1	30	69	19.9	45524	0	1	43	55	19.5	
Petit Verdot	1060	0	2	38	60	19.8	4764	1	3	39	57	19.5	
Cinsaut	3767	0	3	2	94	20.6	2671	0	30	2	68	19.5	
Italia	370	0	0	0	100	23.0	1013	0	5	0	94	19.5	
Seibel	1967	0	0	0	100	19.6	481	0	0	1	99	19.6	
Couderc Noir	299	0	0	0	100	19.6	1938	0	0	0	100	19.6	
Moscato Embrapa	0	0	0	0	0	0.0	683	0	0	0	100	19.6	
Violeta	0	0	0	0	0	0.0	636	0	0	0	100	19.6	
Cora	0	0	0	0	0	0.0	570	0	0	0	100	19.6	
Lorena	0	0	0	0	0	0.0	500	0	0	0	100	19.6	
Couderc 13	0	0	0	0	0	0.0	474	0	0	0	100	19.6	
Niagara Red	0	0	0	0	0	0.0	469	0	0	0	100	19.6	
Carmem	0	0	0	0	0	0.0	328	0	0	0	100	19.6	
Isabella	14375	0	0	0	100	19.6	11781	0	0	0	100	19.6	
Syrah	47432	0	3	37	61	19.9	81186	0	7	41	52	19.6	
Monastrell	1157	0	1	20	79	20.2	1808	0	3	39	59	19.6	

Table 77 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

New World (cont.)												
Variety	2000						2016					
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Kyoho (4N)	4003	0	0	0	100	21.6	2762	0	0	1	99	19.7
Garnacha Blanca	0	0	0	0	0	0.0	218	0	14	26	61	19.7
Sheridan	500	0	0	0	100	19.7	500	0	0	0	100	19.7
Nebbiolo	349	0	6	18	76	21.1	443	1	10	22	66	19.7
Muscat of Alexandria	14758	0	0	0	100	21.8	17214	0	23	27	51	19.7
Norton	0	0	0	0	0	0.0	328	0	0	1	99	19.7
Mazuelo	3875	0	2	24	74	20.6	2581	0	3	42	55	19.7
Moscato Giallo	197	0	0	2	98	20.8	526	0	1	31	68	19.9
Salvador	320	0	0	0	100	23.6	350	0	0	0	100	19.9
Muscat Blanc à Petits Grains (C)	10442	0	0	23	77	20.4	8258	0	0	37	63	19.9
Sémillon	11772	0	4	43	53	19.5	7736	0	3	35	62	19.9
Sangiovese	3668	0	3	26	71	20.2	3423	0	6	28	66	19.9
Torrontés Sanjuanino	3170	0	0	4	95	22.2	3656	0	0	49	50	20.1
Quebranta	0	0	0	0	0	0.0	330	0	5	0	95	20.2
Tempranillo	4963	0	0	31	69	20.2	7950	0	2	29	69	20.2
Pedro Giménez	14862	0	0	12	88	21.1	15576	0	0	34	66	20.2
Tribidrag	18727	0	2	20	78	20.4	18742	0	1	26	74	20.2
Touriga Nacional	73	0	0	39	60	19.8	296	0	1	17	82	20.3
Savagnin Blanc	11	9	0	45	47	19.3	892	2	3	24	72	20.3
Jacquez	170	0	0	0	100	19.6	1443	0	0	0	100	20.3
Muscat of Hamburg	2905	0	0	0	100	20.2	1415	0	0	1	99	20.3
Blaufränkisch	45	0	0	100	0	17.2	299	2	4	0	94	20.3
Trebbiano Toscano	4289	0	0	3	96	21.0	4595	0	0	33	67	20.4
Muscat Blanc à Petits Grains	1636	0	3	14	83	20.9	3666	0	13	12	76	20.5
Tannat	2790	0	0	0	100	20.2	3072	0	1	3	97	20.5
Malvasia Bianca di Candia	968	0	7	0	93	21.6	651	0	9	1	90	20.6
Torrontés Riojano	8192	0	0	8	92	21.0	8859	0	1	12	87	20.8
Crouchén	98	0	0	20	80	20.3	318	0	0	0	100	20.8
Verdelho	1297	0	3	22	75	20.4	1156	0	1	13	86	20.8
Pinotage	6506	0	1	0	99	20.8	7131	0	0	1	98	20.8
Maticha	354	0	0	9	91	20.9	257	0	0	15	85	20.8
Criolla Grande	24264	0	0	11	89	20.8	15596	0	0	9	91	20.8
Roobernet	0	0	0	0	0	0.0	269	0	0	0	100	20.9
Douce Noire	15680	0	0	18	82	20.8	19103	0	0	16	84	20.9
Muscat Blanc à Petits Grains (F)	380	0	1	14	85	19.9	644	0	0	6	93	20.9
Damaschino	827	0	0	9	91	20.8	527	0	0	5	95	21.0
Nouvelle	0	0	0	0	0	0.0	428	0	0	1	99	21.0
Ancellotta	13	0	0	7	93	21.7	1011	0	0	6	94	21.0
Chenin Blanc	35353	0	2	5	93	21.2	22664	0	1	4	95	21.2
Béquignol Noir	1082	0	0	4	96	21.1	616	0	0	3	97	21.2
Aspiran Bouschet	432	0	0	0	100	21.3	4088	0	0	4	96	21.2
Gibi	1227	0	0	1	99	21.2	785	0	0	1	99	21.4
Torrontes Mendocino	780	0	0	11	89	20.2	653	0	1	6	93	21.5
Cereza	31113	0	0	6	94	21.6	28887	0	0	4	96	21.6
Ruby Cabernet	7301	0	0	1	99	21.8	5297	0	0	0	100	21.9
Barbera	5851	0	0	4	96	22.3	2719	0	1	8	91	21.9
Symphony	184	0	0	0	100	22.2	647	0	0	0	100	22.1
Colombard	31014	0	0	1	99	22.2	21329	0	0	0	100	22.1
Elbling	0	0	0	0	0	0.0	396	0	0	0	100	22.3
Palomino Fino	680	0	1	19	80	21.2	443	0	0	12	88	22.6
Greco Nero	513	0	0	0	100	22.6	356	0	0	0	99	22.6
Rubired	4153	0	0	0	100	22.9	4916	0	0	0	100	22.8
Triplett Blanc	0	0	0	0	0	0.0	412	0	0	0	100	22.8
Villard Blanc	0	0	0	0	0	0.0	321	0	0	0	100	23.4
Sultaniye	10298	0	0	1	99	21.1	1902	0	1	0	99	27.2
Fiesta	0	0	0	0	0	0.0	230	0	0	0	100	28.1
<b>Top 120</b>	<b>737405</b>	<b>0</b>	<b>8</b>	<b>28</b>	<b>64</b>	<b>19.9</b>	<b>1011090</b>	<b>1</b>	<b>12</b>	<b>39</b>	<b>48</b>	<b>19.2</b>
<b>All</b>	<b>800601</b>	<b>0</b>	<b>9</b>	<b>27</b>	<b>64</b>	<b>19.8</b>	<b>1109790</b>	<b>1</b>	<b>11</b>	<b>43</b>	<b>45</b>	<b>19.2</b>

Table 77 (cont.): Shares of Old World, New World and world winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

<b>Old World</b>	2000						2016					
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Pinot Meunier	12927	98	2	0	0	14.6	14277	97	2	1	0	14.6
Silvaner	11041	24	75	1	0	15.5	6061	35	65	0	0	15.2
Dornfelder	3766	20	80	0	0	15.1	7812	17	83	0	0	15.2
Müller-Thurgau	33033	37	62	1	0	15.3	19417	38	59	2	1	15.4
Sankt Laurent	2554	1	99	0	0	15.6	3271	5	95	0	0	15.5
Grüner Veltliner	23604	0	99	0	0	15.6	18992	11	87	2	0	15.6
Chasselas	12889	26	41	29	3	16.1	7170	32	55	12	1	15.7
Blauer Portugieser	9155	7	90	3	0	15.6	6587	7	78	14	1	15.7
Furmint	3481	0	100	0	0	16.7	4434	0	100	0	0	15.8
Zweigelt	7107	1	99	0	0	15.9	8990	7	87	6	0	15.8
Riesling	34057	43	45	11	1	15.3	47486	27	42	30	1	15.9
Pinot Noir	54726	42	31	22	5	15.9	63141	41	33	22	4	15.9
Melon	13253	0	100	0	0	15.9	9550	0	100	0	0	15.9
Pinot Blanc	16071	13	40	30	17	16.8	13338	25	51	16	9	16.1
Chenin Blanc	10044	0	92	5	3	16.0	9558	0	93	6	1	16.1
Blaufränkisch	13748	8	83	9	0	16.4	16882	10	67	23	0	16.3
Gewürztraminer	7899	3	40	55	2	16.7	10495	9	50	36	5	16.5
Tsolikouri	6161	0	100	0	0	16.6	7903	0	100	0	0	16.6
Tsitska	2839	0	100	0	0	16.6	3642	0	100	0	0	16.6
Prieto Picudo	3256	0	88	10	1	16.4	4293	0	99	0	1	16.6
Vranac	0	0	0	0	0	0.0	9503	0	100	0	0	16.7
Gamay Noir	36669	3	30	67	0	16.8	25797	3	27	70	0	16.8
Cserszegi Fűszeres	2185	0	100	0	0	16.7	4299	0	86	14	0	16.9
Saperavi	5351	0	69	31	0	16.8	6468	0	73	24	2	17.0
Sémillon	14047	0	67	32	2	17.0	10957	0	91	6	2	17.0
Cabernet Franc	43372	0	68	18	13	17.0	41553	0	69	18	12	17.1
Rkatsiteli	56805	0	35	65	0	17.3	51374	0	50	48	2	17.1
Dimyat	7740	0	0	99	1	18.4	9696	0	68	32	0	17.1
Graševina	91426	0	22	76	2	17.5	21196	2	47	46	6	17.2
Isabella	11401	0	0	100	0	17.2	6031	0	0	100	0	17.2
Moldova	0	0	0	0	0	0.0	12375	0	0	100	0	17.2
Alvarinho	0	0	0	0	0	0.0	5393	0	0	99	1	17.2
Aligoté	28752	0	6	94	0	17.3	26899	0	8	92	0	17.2
Bianca	2180	0	0	100	0	17.6	9766	0	49	51	0	17.3
Côt	6443	0	24	73	4	17.3	6709	0	29	65	6	17.4
Sauvignon Blanc	40199	0	38	48	14	17.3	61900	2	35	50	13	17.5
Muscat Ottonel	12225	0	16	84	0	17.6	12421	0	15	85	0	17.5
Mencía	13138	0	48	29	23	17.3	11050	0	47	30	23	17.5
Chardonnay	66644	14	38	29	19	17.0	102554	12	29	39	21	17.5
Pinot Gris	17129	13	30	42	14	17.0	33116	10	30	30	30	17.5
Colombard	7381	0	16	77	7	17.5	8667	0	21	76	3	17.6
Loureiro	4392	0	90	10	0	16.7	4696	0	0	92	8	17.6
Fetească Albă	23828	0	5	95	0	17.5	13382	0	0	100	0	17.7
Verdejo	4453	0	20	66	14	17.5	17923	0	64	0	35	17.7
Fetească Regală	2578	0	34	66	0	17.3	12991	0	0	100	0	17.7
Trebbiano Toscano	132765	0	57	12	31	17.8	115748	0	64	7	29	17.8
white varieties	0	0	0	0	0	0.0	10300	0	0	100	0	17.8
red varieties	0	0	0	0	0	0.0	4405	0	0	100	0	17.8
Vinhao	5886	0	89	10	1	16.7	4388	0	0	79	21	17.9
Tinta Barroca	5657	0	0	94	6	17.8	4733	0	0	79	21	17.9
Merlot	156443	1	43	34	22	17.7	193253	1	42	39	19	17.9
Pamid	22718	0	1	99	0	18.3	9961	0	3	97	0	18.1
Dolcetto	7156	0	0	97	3	18.0	4381	0	0	98	2	18.1
Touriga Franca	6671	0	0	100	0	17.6	14221	0	0	63	37	18.3
Cabernet Sauvignon	99080	0	35	41	23	17.9	134391	0	25	45	30	18.3
Muscat Blanc à Petits Grains	27345	0	8	56	36	18.5	30074	2	8	70	20	18.3
Malvasia Fina	2797	0	0	43	57	19.0	3276	0	0	64	36	18.3
Nebbiolo	4778	18	1	75	6	17.0	7554	1	0	80	19	18.4
Barbera	27175	0	1	85	14	18.5	15105	0	0	80	20	18.4
Misket Cherven	0	0	0	0	0	0.0	4349	0	0	100	0	18.5
Touriga Nacional	4149	0	0	63	37	18.4	11426	0	0	50	50	18.6
Marufo	6339	0	0	53	47	18.8	4683	0	0	48	52	18.6
Bonarda Piemontese	23	0	0	69	31	18.6	5926	0	0	68	32	18.7
Arinto de Bucelas	3966	0	70	0	30	17.6	5409	0	0	46	54	18.7

Table 77 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Old World (cont.)	2000						2016					
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Variety												
Viognier	2388	0	0	44	56	18.5	11112	0	0	74	25	18.7
Tempranillo	88222	0	27	42	32	17.9	211429	0	26	18	56	18.8
Marselan	176	0	0	50	50	18.8	3761	0	0	87	13	18.8
Verdicchio Bianco	5043	0	0	19	81	19.2	4674	0	0	91	9	18.8
Siria	2791	0	6	21	73	19.2	7037	0	1	36	63	18.9
Muscat of Hamburg	4162	0	1	88	11	17.7	6265	1	10	19	70	19.0
Aglianico	9264	0	26	35	39	18.5	9627	0	0	27	73	19.0
Trincadeira	7264	0	0	14	86	19.5	10493	0	0	31	69	19.1
Garnacha Tinta	209513	0	7	20	73	19.2	141691	0	6	34	60	19.1
Alarije	1686	0	0	0	100	20.7	4407	0	40	0	60	19.2
Garnacha Blanca	10794	0	0	11	89	19.5	7191	0	0	55	44	19.2
Alicante Henri Bouschet	33250	0	2	34	64	19.1	28457	0	2	30	68	19.2
Prosecco	7498	0	0	1	99	19.1	19730	0	0	2	98	19.3
Syrah	53728	0	0	32	68	18.9	99998	0	1	50	49	19.3
Corvina Veronese	4781	0	0	1	99	19.4	6222	0	0	0	100	19.3
Caladoc	1427	0	0	71	29	18.6	5242	0	0	41	59	19.3
Mazuelo	123372	0	1	30	69	19.3	44732	0	1	59	40	19.3
Petit Verdot	462	0	84	3	13	17.4	3360	0	17	10	73	19.4
Fernão Pires	14206	0	0	3	97	19.7	12138	0	0	17	83	19.4
Lambrusco Salamino	4147	0	0	0	100	19.4	6228	0	0	3	97	19.4
Cinsaut	44310	0	0	18	82	19.6	20255	0	0	47	53	19.4
Trebbiano Romagnolo	19492	0	0	1	99	19.7	19059	0	0	0	100	19.4
Sangiovese	65167	0	0	30	70	19.4	70041	0	0	11	89	19.5
Baga	6730	0	0	0	100	19.3	6750	0	0	12	88	19.5
Montepulciano	28679	0	0	19	81	19.4	32724	0	0	17	83	19.5
Falanghina Flegrea	0	0	0	0	0	0.0	3634	0	0	3	97	19.6
Airén	387978	0	0	11	89	19.9	203801	0	0	0	100	19.6
Tinto Velasco	7998	0	0	0	100	20.4	5369	0	0	0	100	19.6
Pardillo	7272	0	0	13	87	19.3	3283	0	0	0	100	19.6
Vermentino	5835	0	0	25	75	19.2	11345	0	0	22	78	19.6
Castelão	14424	0	0	0	100	19.9	12580	0	0	4	96	19.7
Macabeo	48125	0	7	17	76	19.3	38620	0	5	10	85	19.8
Malvasia Bianca di Candia	11921	0	0	15	85	19.8	9034	0	0	7	93	19.9
Parellada	11188	0	0	0	100	20.0	7137	0	0	0	100	20.0
Xarello	10299	0	0	0	100	20.0	8534	0	0	0	100	20.0
Palomino Fino	28125	0	10	30	60	19.8	22746	0	10	20	71	20.2
Garganega	16549	0	0	1	99	20.2	8522	0	0	1	99	20.3
Gaglioppo	3592	0	0	0	99	21.0	4626	0	0	25	75	20.3
Tribidrag	8167	0	0	0	99	20.8	14908	0	7	1	92	20.4
Bobal	100128	0	0	41	58	19.5	59189	0	0	0	100	20.4
Chelva	10877	0	2	0	98	20.7	5029	0	3	0	97	20.5
Lambrusco Maestri	1362	0	0	0	100	19.6	5610	0	0	3	97	20.5
Cayetana Blanca	55527	0	0	0	100	20.7	36385	0	0	0	100	20.7
Negroamaro	16619	0	0	0	100	21.1	11431	0	0	0	100	20.7
Monastrell	75130	0	0	3	97	21.0	50122	0	0	10	90	20.8
Muscat of Alexandria	14710	0	0	1	99	20.9	17591	0	0	15	85	20.8
Italia	0	0	0	0	0	0.0	4174	0	0	3	96	20.9
Roditis	299	0	0	0	100	20.4	8463	0	0	0	100	21.0
Pedro Ximénez	14803	0	0	0	99	22.1	8787	0	0	0	100	21.3
Inzolia	9259	0	0	2	98	21.3	4740	0	0	0	100	21.4
Nero d'Avola	11318	0	0	1	99	20.9	14215	0	0	0	99	21.5
Zalema	5969	0	0	0	100	21.7	4015	0	0	0	100	21.5
Grillo	1803	0	0	0	100	21.7	7382	0	0	0	100	21.5
Catarratto Bianco	50711	0	0	0	100	21.6	28563	0	0	0	100	21.5
Savatiano	12747	0	0	0	100	22.3	10268	0	0	0	100	22.4
Sultaniye	4	0	0	12	88	21.6	3423	0	0	0	100	22.4
<b>Top 120</b>	<b>2984182</b>	<b>3</b>	<b>19</b>	<b>28</b>	<b>50</b>	<b>18.6</b>	<b>2819746</b>	<b>3</b>	<b>22</b>	<b>28</b>	<b>46</b>	<b>18.5</b>
<b>All</b>	<b>4006807</b>	<b>3</b>	<b>18</b>	<b>31</b>	<b>48</b>	<b>18.6</b>	<b>3373338</b>	<b>3</b>	<b>21</b>	<b>32</b>	<b>44</b>	<b>18.5</b>

Table 77 (cont.): Shares of Old World, New World and world winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

World	2000						2016						
	Variety	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Pinot Meunier	13125	97	2	1	0	14.7	14695	96	2	2	0	0	14.7
Silvaner	11048	24	75	1	0	15.5	6072	35	65	0	0	0	15.2
Dornfelder	3766	20	80	0	0	15.1	7871	17	82	0	0	0	15.2
Müller-Thurgau	33453	36	63	1	0	15.3	19501	38	59	2	1	0	15.4
Grüner Veltliner	23604	0	99	0	0	15.6	19118	11	87	2	0	0	15.6
Chasselas	13318	26	43	28	3	16.1	7377	31	56	11	1	1	15.7
Blauer Portugieser	9155	7	90	3	0	15.6	6590	7	78	14	1	1	15.7
Zweigelt	7107	1	99	0	0	15.9	9068	8	87	6	0	0	15.8
Melon	13253	0	100	0	0	15.9	9551	0	100	0	0	0	15.9
Pinot Blanc	16702	12	41	30	17	16.8	13779	25	50	16	9	9	16.1
Concord	11816	0	79	0	21	16.1	10544	2	76	5	17	17	16.1
Riesling	40561	37	42	18	3	15.7	59805	23	41	33	3	3	16.2
Blaufränkisch	13793	8	82	10	0	16.4	17180	10	66	23	2	2	16.4
Pinot Noir	68037	35	32	27	6	16.2	105480	28	37	28	7	7	16.4
Tsolikouri	6161	0	100	0	0	16.6	7903	0	100	0	0	0	16.6
Gewürztraminer	9784	3	40	51	7	16.9	12823	10	48	34	8	8	16.6
Vranac	0	0	0	0	0	0.0	9503	0	100	0	0	0	16.7
Gamay Noir	37618	3	30	66	1	16.8	26221	3	27	69	0	0	16.8
Saperavi	5351	0	69	31	0	16.8	6478	0	73	24	2	2	17.0
Rkatsiteli	56805	0	35	65	0	17.3	51374	0	50	48	2	2	17.1
Dimyat	7740	0	0	99	1	18.4	9696	0	68	32	0	0	17.1
Moldova	0	0	0	0	0	0.0	12375	0	0	100	0	0	17.2
Aligoté	28752	0	6	94	0	17.3	26929	0	8	92	0	0	17.2
Alvarinho	0	0	0	0	0	0.0	5545	0	1	97	2	2	17.2
Graševina	92306	0	21	75	3	17.5	24384	2	41	52	6	6	17.3
Bianca	2180	0	0	100	0	17.6	9766	0	49	51	0	0	17.3
Muscat Ottonel	12225	0	16	84	0	17.6	12464	0	15	85	0	0	17.5
Mencía	13138	0	48	29	23	17.3	11052	0	47	30	23	23	17.5
Cabernet Franc	51565	0	59	19	22	17.3	56052	1	53	20	26	26	17.5
Listan Prieto	16232	0	35	59	6	17.6	10267	0	37	57	5	5	17.6
Loureiro	4392	0	90	10	0	16.7	4696	0	0	92	8	8	17.6
Fetească Albă	23828	0	5	95	0	17.5	13382	0	0	100	0	0	17.7
Sauvignon Blanc	62765	0	30	47	23	17.8	124700	2	35	45	19	19	17.7
Verdejo	4453	0	20	66	14	17.5	17931	0	64	0	35	35	17.7
Fetească Regală	2578	0	34	66	0	17.3	12991	0	0	100	0	0	17.7
white varieties	0	0	0	0	0	0.0	10300	0	0	100	0	0	17.8
Pinot Gris	18307	12	33	41	14	17.0	48570	9	31	25	35	35	17.8
Trebbiano Toscano	137054	0	55	12	33	17.9	120343	0	61	8	31	31	17.9
Tinta Barroca	5657	0	0	94	6	17.8	4926	0	0	76	24	24	18.0
Pamid	22718	0	1	99	0	18.3	9961	0	3	97	0	0	18.1
Yan 73	0	0	0	0	0	0.0	4800	0	0	100	0	0	18.1
Carmenère	4766	0	1	90	9	18.1	22486	0	1	92	7	7	18.2
Merlot	207768	0	34	38	28	18.1	266440	1	33	44	23	23	18.2
Chardonnay	142348	7	28	33	32	18.0	201649	7	23	39	31	31	18.2
Sémillon	25819	0	38	37	25	18.1	18693	0	55	18	27	27	18.2
Touriga Franca	6671	0	0	100	0	17.6	14224	0	0	63	37	37	18.3
Nebbiolo	5127	16	2	72	10	17.3	7997	1	1	77	22	22	18.4
Cabernet Sauvignon	202702	0	19	48	32	18.5	310671	0	14	57	29	29	18.5
Muscat Blanc à Petits Grains	28981	0	7	54	38	18.6	33739	1	9	64	26	26	18.6
Marufo	6339	0	0	53	47	18.8	4683	0	0	48	52	52	18.6
Touriga Nacional	4221	0	0	62	38	18.4	11722	0	0	50	50	50	18.6
Bonarda Piemontese	23	0	0	69	31	18.6	5926	0	0	68	32	32	18.7
Arinto de Bucelas	3966	0	70	0	30	17.6	5409	0	0	46	54	54	18.7
Isabella	25776	0	0	44	56	18.5	17813	0	0	34	66	66	18.8
Verdicchio Bianco	5043	0	0	19	81	19.2	4682	0	0	91	9	9	18.8
Tempranillo	93185	0	25	41	34	18.1	219379	0	25	19	56	56	18.8
Viognier	3148	0	1	47	52	18.7	16063	1	3	62	34	34	18.9
Síria	2791	0	6	21	73	19.2	7037	0	1	36	63	63	18.9
Barbera	33026	0	1	70	28	19.2	17824	0	0	69	31	31	18.9
Tannat	5594	0	0	49	51	18.8	5611	0	14	32	54	54	19.0
Alicante Henri Bouschet	36808	0	2	38	60	19.1	36031	0	2	41	57	57	19.1
Aglianico	9346	0	26	35	39	18.5	9734	0	0	27	73	73	19.1
Trincadeira	7264	0	0	14	86	19.5	10510	0	0	31	69	69	19.1
Garnacha Tinta	216180	0	7	20	73	19.3	150096	0	6	36	58	58	19.1

Table 77 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

World (cont.)	2000						2016					
Variety	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Côt	26194	0	6	41	53	19.2	52233	0	5	46	49	19.2
Garnacha Blanca	10794	0	0	11	89	19.5	7409	0	1	54	45	19.2
Muscat of Hamburg	7068	0	0	52	48	18.8	7680	1	8	15	75	19.2
Prosecco	7507	0	0	1	99	19.1	20109	0	0	3	97	19.3
Corvina Veronese	4800	0	0	1	99	19.4	6240	0	0	0	100	19.3
Caladoc	1427	0	0	71	29	18.6	5258	0	0	41	59	19.3
Mazuelo	127247	0	1	30	69	19.3	47312	0	1	58	41	19.4
Lambrusco Salamino	4147	0	0	0	100	19.4	6228	0	0	3	97	19.4
Syrah	101160	0	1	34	64	19.4	181185	0	4	46	51	19.4
Fernão Pires	14206	0	0	3	97	19.7	12211	0	0	17	83	19.4
Cinsaut	48077	0	0	16	83	19.7	22926	0	4	42	55	19.4
Trebbiano Romagnolo	19492	0	0	1	99	19.7	19059	0	0	0	100	19.4
Petit Verdot	1522	0	27	27	46	19.1	8124	0	9	27	64	19.5
Durif	1105	0	8	38	54	19.5	4807	0	3	38	59	19.5
Sangiovese	68834	0	0	30	70	19.5	73464	0	0	12	88	19.5
Baga	6730	0	0	0	100	19.3	6750	0	0	12	88	19.5
Montepulciano	28728	0	0	19	81	19.4	32935	0	0	17	83	19.5
Airén	387978	0	0	11	89	19.9	203801	0	0	0	100	19.6
Tinto Velasco	7998	0	0	0	100	20.4	5369	0	0	0	100	19.6
Vermontino	5838	0	0	25	75	19.2	11483	0	0	22	78	19.6
Chenin Blanc	45397	0	22	5	73	20.1	32221	0	28	4	67	19.7
Castelão	14424	0	0	0	100	19.9	12580	0	0	4	96	19.7
Macabeo	48128	0	7	17	76	19.3	38625	0	5	10	85	19.8
Muscat Blanc à Petits Grains	10442	0	0	23	77	20.4	8258	0	0	37	63	19.9
Malvasia Bianca di Candia	12889	0	1	14	86	20.0	9685	0	1	6	93	20.0
Parellada	11188	0	0	0	100	20.0	7137	0	0	0	100	20.0
Xarello	10299	0	0	0	100	20.0	8534	0	0	0	100	20.0
Pedro Giménez	14862	0	0	12	88	21.1	15576	0	0	34	66	20.2
Garganega	16553	0	0	1	99	20.2	8554	0	0	1	99	20.3
Palomino Fino	28805	0	10	29	60	19.8	23190	0	10	20	71	20.3
Muscat of Alexandria	29468	0	0	1	99	21.3	34805	0	11	21	68	20.3
Gaglioppo	3592	0	0	0	99	21.0	4626	0	0	25	75	20.3
Tribidrag	26894	0	1	14	84	20.5	33649	0	3	15	82	20.3
Bobal	100128	0	0	41	58	19.5	59189	0	0	0	100	20.4
Chelva	10877	0	2	0	98	20.7	5029	0	3	0	97	20.5
Lambrusco Maestri	1513	0	0	2	98	19.8	5657	0	0	3	97	20.5
Cayetana Blanca	55776	0	0	0	100	20.7	36401	0	0	0	100	20.7
Italia	370	0	0	0	100	23.0	5188	0	1	3	96	20.7
Negroamaro	16619	0	0	0	100	21.1	11449	0	0	0	100	20.7
Monastrell	76288	0	0	3	97	21.0	51930	0	0	11	89	20.8
Torrontés Riojano	8192	0	0	8	92	21.0	8859	0	1	12	87	20.8
Douce Noire	18323	0	0	28	71	20.4	19733	0	0	17	83	20.8
Pinotage	6506	0	1	0	99	20.8	7132	0	0	1	98	20.8
Colombard	38395	0	3	15	82	21.3	29996	0	6	22	72	20.8
Criolla Grande	24264	0	0	11	89	20.8	15596	0	0	9	91	20.8
Roditis	299	0	0	0	100	20.4	8463	0	0	0	100	21.0
Pedro Ximénez	17271	0	0	14	85	21.5	8810	0	0	0	100	21.3
Inzolia	9259	0	0	2	98	21.3	4740	0	0	0	100	21.4
Nero d'Avola	11323	0	0	1	99	20.9	14281	0	0	0	99	21.5
Catarratto Bianco	50711	0	0	0	100	21.6	28613	0	0	0	100	21.5
Grillo	1803	0	0	0	100	21.7	7383	0	0	0	100	21.5
Cereza	31113	0	0	6	94	21.6	28887	0	0	4	96	21.6
Ruby Cabernet	7323	0	0	1	99	21.8	5309	0	0	0	100	21.9
Savatiano	12747	0	0	0	100	22.3	10268	0	0	0	100	22.4
Rubired	4153	0	0	0	100	22.9	4916	0	0	0	100	22.8
Sultaniye	10302	0	0	1	99	21.1	5325	0	0	0	100	24.1
<b>Top 120</b>	<b>3644585</b>	<b>2</b>	<b>17</b>	<b>28</b>	<b>53</b>	<b>18.9</b>	<b>3725659</b>	<b>3</b>	<b>19</b>	<b>31</b>	<b>47</b>	<b>18.7</b>
<b>All</b>	<b>4807408</b>	<b>2</b>	<b>16</b>	<b>31</b>	<b>51</b>	<b>18.8</b>	<b>4483128</b>	<b>3</b>	<b>18</b>	<b>35</b>	<b>44</b>	<b>18.6</b>

Table 78: Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Argentina	Variety	2000				2016				Australia			
		Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
Pinot Noir	1114	1	0	58	41	19.2	1866	2	0	76	23	18.7	Pinot Meunier
Fer	348	0	0	78	22	19.1	183	0	0	81	19	19.0	Pinot Noir
Sémillon	1033	0	1	47	53	19.3	767	0	46	54	43	19.4	Nebbiolo
Côt	18230	0	0	26	74	20.0	40401	0	0	42	58	19.6	Prosecco
Cabernet Franc	252	0	0	15	85	20.4	929	0	0	42	58	19.7	Cabernet Franc
Merlot	6263	0	0	37	62	19.9	5632	0	39	60	19.9	Riesling	
Sauvignon Blanc	865	0	0	23	77	20.5	2148	0	40	59	19.9	Tribidag	
Petit Verdot	159	0	0	19	81	20.3	740	0	0	26	73	19.9	Côt
Chardonnay	4682	0	0	34	66	20.1	6227	0	0	40	60	19.9	Cabernet Sauvignon
Cabernet Sauvignon	13776	0	0	23	77	20.4	15356	0	0	31	69	20.1	Sauvignon Blanc
Tempranillo	4720	0	0	32	68	20.1	6140	0	28	72	20.3	Sangiovese	
Bonanico	253	0	0	28	72	20.3	137	0	0	28	72	20.3	Garnacha Tinta
Muscat Blanc à Petits Grains (G)	10442	0	0	23	77	20.4	6526	0	0	21	79	20.5	Monastrell
Chenin Blanc	3445	0	0	29	71	20.5	2157	0	0	27	73	20.6	Barbera
Sauvignonasse	756	0	0	10	90	20.7	424	0	0	16	84	20.6	Syrah
Sangiovese	2490	0	0	13	87	20.7	1837	0	0	10	89	20.7	Tempranillo
Matica	354	0	0	9	91	20.9	257	0	0	15	85	20.8	Viognier
Criolla Grande	24264	0	0	11	89	20.8	15596	0	0	9	91	20.8	Vernmentino
Douce Noire	15659	0	0	17	83	20.8	19072	0	0	15	85	20.9	Merlot
Barbera	1055	0	0	14	86	20.9	444	0	0	17	83	20.9	Dolcetto
Damaschino	827	0	0	9	91	20.8	527	0	0	5	95	21.0	Pinot Gris
Viognier	151	0	0	28	72	20.7	773	0	0	17	83	21.0	Marsanne
Pinot Gris	13	0	0	80	20	19.0	401	0	1	29	71	21.0	Fiano
Torrontés Riescano	8127	0	0	7	93	21.0	8208	0	0	6	94	21.0	Chardonnay
Syrah	8888	0	0	13	87	21.1	12707	0	0	16	84	21.0	Muscat Blanc à Petits Grains (R)
Ancellotta	13	0	0	7	93	21.7	991	0	0	7	93	21.1	Muscadelle
Tannat	174	0	0	6	94	20.6	837	0	0	5	95	21.2	Savagnin Blanc
Alicante Henri Bouschet	113	0	0	2	98	21.0	135	0	1	5	94	21.2	Sémillon
Béquignol Noir	1082	0	0	4	96	21.1	616	0	0	3	97	21.2	Petit Verdot
Aspiran Bouschet	432	0	0	0	100	21.3	4087	0	0	4	96	21.2	Chenin Blanc
Pedro Giménez	14862	0	0	12	88	21.1	11197	0	0	8	92	21.2	Durif
Lisian Pietro	700	0	0	7	93	21.2	374	0	0	6	94	21.3	Gewürztraminer
Gibi	1227	0	0	1	99	21.2	785	0	0	1	99	21.4	Verdelho
Trebiano Toscano	2765	0	0	4	96	21.2	1622	0	0	1	99	21.4	Moscato Giallo
Torrontés Mendocino	780	0	0	11	89	20.2	653	0	1	6	93	21.5	Rubired
Cereza	31113	0	0	6	94	21.6	2887	0	0	4	96	21.6	Muscat Blanc à Petits Grains
Muscat of Alexandria	5515	0	0	0	99	22.3	2716	0	0	0	100	22.2	Muscat of Alexandria
Torrontés San Juanino	3170	0	0	4	95	22.2	1885	0	0	2	97	22.4	Colombard
Fintendo	144	0	0	0	100	22.5	185	0	0	100	22.6	21.0	Canada Muscat
Greco Nero	513	0	0	0	100	22.6	356	0	0	99	22.6	21.1	Ruby Cabernet
<b>Top 40</b>	<b>190770</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>84</b>	<b>20.8</b>	<b>204775</b>	<b>0</b>	<b>21</b>	<b>79</b>	<b>20.6</b>	<b>Top 40</b>	<b>19.4</b>
													<b>111094</b>
													<b>19.5</b>
													<b>51</b>
													<b>43</b>
													<b>10</b>
													<b>40</b>
													<b>49</b>
													<b>19.4</b>

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Austria										Bulgaria										
	2000			2016			2000			2016			2000			2016			2000		
	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	
Blauer Wildbacher	464	0	100	0	0	15.0	434	13	87	0	15.2	Trebbiano Toscano	1821	0	0	18.3	738	0	0	100	0
Sauvignon Blanc	314	0	100	0	0	15.3	1170	40	60	0	15.3	Gewürztraminer	971	0	0	18.3	591	0	0	100	0
Riesling	1643	0	100	0	0	15.5	2016	26	74	0	15.3	Muscot Ottonel	2914	0	0	18.3	3679	0	0	100	0
Muscat Blane à Petits Grains	143	0	100	0	0	15.2	823	34	66	0	15.3	Dimyat	7649	0	0	18.3	2998	0	0	100	0
Pinot Gris	293	0	100	0	0	15.6	224	25	75	0	15.4	Chardonnay	1862	0	0	18.3	3087	0	0	100	0
Müller-Thurgau	3289	0	100	0	0	15.5	1777	17	83	0	15.4	Sauvignon Blanc	405	0	0	18.3	637	0	0	100	0
Sylvaner	53	0	100	0	0	15.4	38	12	88	0	15.4	Pamid	22581	0	0	18.3	6874	0	0	100	0
Grüner Veltliner	17479	0	100	0	0	15.5	14376	14	86	0	15.5	Pinot Noir	769	0	0	18.3	342	0	0	100	0
Fridhofer Veltliner	626	0	100	0	0	15.5	369	10	90	0	15.5	Rkatsiteli	9429	0	0	18.3	5415	0	0	100	0
Scharebe	529	0	100	0	0	15.5	351	24	76	0	15.5	Aligoté	1659	0	0	18.3	285	0	0	100	0
Pinot Blanc	2936	0	100	0	0	15.5	1916	16	84	0	15.5	Misket Chevenin	0	0	0	18.3	0	0	100	0	
Neuburger	1094	0	100	0	0	15.6	507	14	86	0	15.5	Cabernet Sauvignon	10441	0	0	18.3	9327	0	0	100	0
Rotgipfler	118	0	100	0	0	15.5	123	0	100	0	15.5	Shiroka Melnitska	3804	0	0	18.3	1205	0	0	100	0
Zierfandler	98	0	100	0	0	15.5	82	0	100	0	15.5	Merlot	11169	0	0	18.3	10050	0	0	100	0
Rotter Veltliner	258	0	100	0	0	15.5	198	7	93	0	15.5	Cabernet Franc	0	0	0	18.3	240	0	0	100	0
Chardonnay	0	0	0	0	0	0.0	1577	16	84	0	15.6	Kadarka	1619	0	0	18.3	1161	0	0	100	0
Blauer Portugieser	2358	0	100	0	0	15.5	1265	3	97	0	15.6	Syrah	0	0	0	18.6	804	0	0	100	0
Savagnin Blanc	0	0	0	0	0	0.0	288	13	87	0	15.6	Mavrud	647	0	0	18.7	1193	0	0	100	0
Blauburger	884	0	100	0	0	15.5	750	4	96	0	15.6	Top 18	77740	0	0	18.3	0	0	0	100	0
Grasevina	4323	0	100	0	0	15.6	3233	11	89	0	15.6	0	0	0	18.6	0	0	0	100	0	
Zweigelt	4350	0	100	0	0	15.6	6311	8	92	0	15.6	0	0	0	18.6	0	0	0	100	0	
Goldberger	309	0	100	0	0	15.7	98	4	96	0	15.6	0	0	0	18.6	0	0	0	100	0	
Pinot Noir	409	0	100	0	0	15.7	614	5	95	0	15.7	0	0	0	18.6	0	0	0	100	0	
Rösler	0	0	0	0	0	0.0	216	4	96	0	15.7	0	0	0	18.6	0	0	0	100	0	
Jubiläumsrebe	30	0	100	0	0	15.8	6	11	89	0	15.7	0	0	0	18.6	0	0	0	100	0	
Sankt Laurent	415	0	100	0	0	15.6	724	4	96	0	15.7	0	0	0	18.6	0	0	0	100	0	
Merlot	112	0	100	0	0	15.6	695	3	97	0	15.7	0	0	0	18.6	0	0	0	100	0	
Cabernet Sauvignon	312	0	100	0	0	15.7	567	3	97	0	15.7	0	0	0	18.6	0	0	0	100	0	
Blaufrankisch	2641	0	100	0	0	15.9	2808	0	100	0	15.8	0	0	0	18.6	0	0	0	100	0	
Syrah	0	0	0	0	0	0.0	141	1	99	0	15.8	0	0	0	18.6	0	0	0	100	0	
Rathy	0	0	0	0	0	0.0	32	1	99	0	15.8	0	0	0	18.6	0	0	0	100	0	
Cabernet Franc	27	0	100	0	0	15.7	64	2	98	0	15.8	0	0	0	18.6	0	0	0	100	0	
Muscat Ottonel	418	0	100	0	0	15.8	344	5	95	0	15.8	0	0	0	18.6	0	0	0	100	0	
Bouvier	365	0	100	0	0	15.8	216	3	97	0	15.9	0	0	0	18.6	0	0	0	100	0	
Furmint	1	0	100	0	0	15.7	9	0	100	0	16.0	0	0	0	18.6	0	0	0	100	0	
<b>Top 35</b>	<b>46291</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>15.6</b>	<b>44361</b>	<b>13</b>	<b>87</b>	<b>0</b>	<b>15.5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18.3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Canada		2000		2016		Chile		2000		2016		Chile		2000		2016	
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST
L'Acadie Blane	0	0	0	0	0	0.0	65	100	0	0	13.3	Chasselas	404	0	93	7	0	16.8
Leon Millot	0	0	0	0	0	0.0	20	100	0	0	0	Korinthiaki	0	0	0	0	0	16.7
Lucie Kuhlmann	0	0	0	0	0	0.0	21	100	0	0	13.6	Cinsaut	195	0	59	41	0	16.8
Marquette	0	0	0	0	0	0.0	44	100	0	0	13.8	Muscat of Alexandria	0	0	0	0	0	17.0
Frontenac (W)	0	0	0	0	0	0.0	26	100	0	0	13.9	Listan Prieto	15181	0	37	63	0	17.3
Frontenac (G)	0	0	0	0	0	0.0	25	100	0	0	13.9	Pinot Noir	1614	0	28	65	7	17.5
Vidal	514	0	100	0	0	15.1	59	100	0	0	13.9	Torrontés Riojano	65	0	100	0	0	17.6
Marchal Foch	109	0	100	0	0	15.1	94	100	0	0	14.0	Riesling	286	0	12	68	20	17.9
Ortega	0	0	0	0	0	0.0	26	100	0	0	14.2	Moscato Giallo	0	0	0	0	0	17.7
Siegerebe	0	0	0	0	0	0.0	22	100	0	0	14.2	Torrontes Sanjuanino	0	0	0	0	0	17.7
Merlot	674	0	100	0	0	15.1	633	100	0	0	14.3	Pedro Giménez	0	0	0	0	0	17.7
Pinot Blanc	146	0	100	0	0	15.1	109	100	0	0	14.3	Mazuelo	641	0	15	85	0	17.7
Muscat Swenson	0	0	0	0	0	0.0	36	100	0	0	14.3	Gewürztraminer	121	0	6	79	16	17.9
Petit Verdot	0	0	0	0	0	0.0	26	100	0	0	14.3	Blanca Oyoxide	107	0	4	96	0	17.7
Ehrenfelsner	0	0	0	0	0	0.0	32	100	0	0	14.3	Muscat Blanc à Petits Grains (G)	0	0	0	0	0	17.7
Baccus	0	0	0	0	0	0.0	20	100	0	0	14.3	Sauvignonasse	132	0	0	100	0	17.8
Côt	0	0	0	0	0	0.0	41	100	0	0	14.3	Chenin Blanc	76	0	1	93	5	18.2
Sémillon	0	0	0	0	0	0.0	19	100	0	0	14.3	Pinot Gris	2	0	0	100	0	17.6
Vignier	0	0	0	0	0	0.0	101	90	10	0	14.4	Sauvignon Blanc	6662	0	1	93	6	17.8
Frontenac	0	0	0	0	0	0.0	64	70	30	0	14.4	Roussanne	0	0	0	0	0	17.8
Syrah	0	0	0	0	0	0.0	260	83	17	0	14.5	Sauvignon Blanc (G)	7	0	0	100	0	17.9
Gewürztraminer	237	0	100	0	0	0.0	41	100	0	0	14.3	Sémillon	1893	0	5	93	3	17.9
Pinot Noir	457	0	100	0	0	15.1	398	75	25	0	14.6	Chardonnay	7672	0	3	84	13	18.0
Pinot Gris	210	0	100	0	0	15.1	639	70	30	0	14.7	Marselan	0	0	0	0	0	17.8
Sauvignon Blanc	148	0	100	0	0	15.1	649	70	30	0	14.7	Tempranillo	1	0	0	100	0	17.9
Auxerrois	0	0	0	0	0	0.0	38	52	48	0	14.9	Viognier	128	0	0	100	0	17.8
Cabernet Sauvignon	569	0	100	0	0	15.1	660	46	54	0	15.0	Gamacha Tinta	0	0	0	0	0	18.0
Chardonnay	973	0	100	0	0	15.1	1417	30	70	0	15.2	Alicante Benni Bouschet	2882	0	0	92	7	18.1
Cabernet Franc	567	0	100	0	0	15.1	820	27	73	0	15.3	Monastrell	22	0	0	59	41	18.3
Gamay Noir	263	0	100	0	0	15.1	272	26	74	0	15.3	Lacrima Christi	0	0	0	0	0	18.1
Riesling	482	0	100	0	0	15.1	1188	18	82	0	15.4	Côt	929	0	2	94	5	18.1
De Chaunac	119	0	100	0	0	15.1	53	12	88	0	15.5	Merlot	12825	0	1	91	9	18.0
Muscat Ottonel	0	0	0	0	0	0.0	32	2	98	0	15.7	Durif	0	0	0	0	0	18.0
Seyval Blanc	132	0	100	0	0	15.1	2259	2	98	0	15.7	Syrah	2040	0	0	88	12	18.1
Baco Noir	279	0	100	0	0	15.1	704	2	98	0	15.7	Carmenère	4719	0	1	91	8	18.1
Ningara	461	0	100	0	0	15.1	87	0	100	0	15.7	Cabernet Sauvignon	35967	0	1	84	15	18.1
Arinamoa	0	0	0	0	0	0.0	289	0	100	0	15.7	Petit Verdot	84	0	0	90	10	18.2
Concord	977	0	100	0	0	15.1	183	0	100	0	15.7	Sangiovese	123	0	0	91	9	18.1
Millot-Foch	0	0	0	0	0	0.0	124	0	100	0	15.7	Cabernet Franc	689	0	1	84	15	18.1
Aligoté	0	0	0	0	0	0.0	30	0	100	0	15.7	Tribidrag	91	0	0	63	37	18.5
<b>Top 40</b>	7317	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>15.1</b>	<b>11870</b>	<b>37</b>	<b>63</b>	<b>0</b>	<b>15.1</b>	<b>Top 40</b>	<b>95558</b>	<b>0</b>	<b>8</b>	<b>82</b>	<b>10</b>	<b>17.9</b>

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

France	Variety	2000										2016										Georgia			
		Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	
Pinot Meunier	10621	100	0	0	0	0	14.6	12130	100	0	0	0	14.6	Rkatsiteli	19141	0	100	0	0	16.6	25324	0	100	0	0
Auxerrois	1997	2	98	0	0	0	15.6	2409	2	98	0	0	15.6	Tsolikouri	6161	0	100	0	0	16.6	7903	0	100	0	0
Pinot Noir	26526	45	51	3	1	15.3	31602	43	45	12	1	15.6	Saperavi	3704	0	100	0	0	16.6	4751	0	100	0	0	
Riesling	3407	0	100	0	0	0	15.6	4025	0	99	1	0	15.6	Tsitska	2839	0	100	0	0	16.6	3642	0	100	0	0
Gewürztraminer	2759	0	99	0	1	15.6	3320	0	97	3	0	15.7	Chinuri	955	0	100	0	0	16.6	1225	0	100	0	0	
Pinot Gris	1969	1	99	0	0	0	15.6	2867	1	96	3	0	15.7	Mtsvane Kakheti	249	0	100	0	0	16.6	319	0	100	0	0
Aligoté	1756	0	97	3	0	0	15.8	1927	0	98	2	0	15.8	Goruli Mtsvane	224	0	100	0	0	16.6	287	0	100	0	0
Melon	13253	0	100	0	0	0	15.9	9530	0	100	0	0	15.9	Cabernet Sauvignon	223	0	100	0	0	16.6	286	0	100	0	0
Grolleau Noir	3006	0	100	0	0	0	15.9	1949	0	100	0	0	15.9	Aleksandrouli	219	0	100	0	0	16.6	281	0	100	0	0
Chenin Blanc	9837	0	94	5	1	16.0	9432	0	94	6	0	16.0	Pinot Blanc	171	0	100	0	0	16.6	219	0	100	0	0	
Chardonnay	36497	23	45	15	16	16.4	47451	22	41	35	1	16.6	Tsulukidze Tetri	152	0	100	0	0	16.6	195	0	100	0	0	
Cabernet Franc	36094	0	80	17	3	16.6	32327	0	86	14	0	16.6	Aligoté	97	0	100	0	0	16.6	124	0	100	0	0	
Trebbiano Toscano	90341	0	83	10	6	16.9	78842	0	93	4	2	16.7	Aladasturi	46	0	100	0	0	16.6	59	0	100	0	0	
Gamay Noir	34537	0	29	71	0	16.8	24095	0	26	74	0	16.9	Krakhuna	36	0	100	0	0	16.6	46	0	100	0	0	
Sémillon	14015	0	67	32	2	16.9	10234	0	98	1	2	16.9	Tavkveri	29	0	100	0	0	16.6	37	0	100	0	0	
Sauvignon Blanc	20933	0	63	19	17	16.9	28084	0	60	40	1	17.2	Ojaleshi	25	0	100	0	0	16.6	32	0	100	0	0	
Côt	6129	0	25	75	1	17.2	6100	0	32	68	0	17.2	Chkhavari	20	0	100	0	0	16.6	26	0	100	0	0	
Gros Manseng	2160	0	100	0	0	0	17.2	3046	0	73	73	0	17.2	Kisi	20	0	100	0	0	16.6	26	0	100	0	0
Tannat	2760	0	99	1	1	17.3	2513	0	31	69	0	17.2	Usakheouri	8	0	100	0	0	16.6	10	0	100	0	0	
Merlot	101309	0	63	20	17	17.4	108483	0	69	29	2	17.4	Khikhvi	5	0	100	0	0	16.6	6	0	100	0	0	
Colombard	6896	0	18	82	0	17.2	8441	0	22	78	0	17.5	Otskhani Sapere	5	0	100	0	0	16.6	6	0	100	0	0	
Cabernet Sauvignon	53413	0	59	20	22	17.5	46535	0	57	37	6	17.7	Top 21	34929	0	100	0	0	16.6	44807	0	100	0	0	
Vignier	2360	0	44	56	56	18.5	8823	0	92	8	18.2														
Muscat Blanc à Petits Grains	6935	0	1	22	77	18.9	7333	0	1	93	6	18.6													
Roussanne	760	0	0	27	73	18.8	1831	0	0	82	18	18.7													
Syrah	50676	0	0	34	66	18.7	62211	0	0	76	24	18.8													
Clairette	3274	0	0	26	74	18.9	2042	0	53	53	46	18.8													
Marselan	176	0	50	50	50	18.8	3662	0	86	14	18.8														
Alicante Henri Bouschet	8764	0	33	66	18.8	2607	0	1	89	10	18.9														
Muscat of Alexandria	3027	0	6	94	19.5	2462	0	0	100	0	18.9														
Garnacha Blanca	6461	0	17	83	19.2	5130	0	0	77	23	18.9														
Garnacha Tinta	95717	0	0	26	74	18.9	78631	0	0	56	44	18.9													
Macabeo	5223	0	10	90	19.4	1657	0	0	100	0	18.9														
Piquepoul Blanc	975	0	1	99	19.1	1564	0	0	99	1	18.9														
Mazuelo	95745	0	38	62	18.8	31760	0	0	80	20	18.9														
Vernentino	2634	0	43	57	18.7	4642	0	0	48	52	19.0														
Caladoc	1427	0	71	29	18.6	3062	0	0	70	30	19.0														
Cinsaut	31593	0	24	75	18.9	15930	0	0	57	43	19.0														
Monastrell	7634	0	23	77	19.0	8754	0	0	58	42	19.0														
Museat of Hamburg	752	0	54	46	18.6	2325	0	0	2	14	84	19.1													
<b>Top 40</b>	<b>804349</b>	<b>4</b>	<b>38</b>	<b>25</b>	<b>34</b>	<b>17.6</b>	<b>719807</b>	<b>5</b>	<b>43</b>	<b>40</b>	<b>12</b>	<b>17.5</b>													

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Germany										Greece														
	2000			2016			2000			2016			2000			2016			2000						
	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST					
Elbling	1042	98	2	0	0	14.4	489	100	0	0	14.4	Xinomavro	1816	0	0	62	38	18.6	2135	0	0	40			
Domina	185	90	10	0	0	14.5	374	94	6	0	14.5	Pamid	15	0	0	100	0	18.0	23	0	0	19.2			
Schiava Grossa	2529	100	0	0	0	14.5	2197	100	0	0	14.5	Negoska	96	0	0	100	19.7	19.7	17	0	0	21			
Zweigelt	38	97	3	0	0	14.5	108	95	5	0	14.5	Limnio	95	0	0	100	19.8	176	0	0	0	19.4			
Muscat of Hamburg	0	0	0	0	0	0.0	86	97	3	0	14.5	Moschomavro	2295	0	0	3	97	19.9	113	0	0	40	60		
Blaufränkisch	1117	98	2	0	0	14.5	1737	97	3	0	14.5	Sauvignon Blanc	158	0	0	100	19.3	727	0	0	0	10			
Pinot Meunier	2289	92	8	0	0	14.6	2002	89	11	0	14.6	Muscat of Hamburg	0	0	0	0.0	2288	0	0	0	1	99	19.9		
Acolon	0	0	0	0	0	0.0	469	65	35	0	14.8	Tempranillo	0	0	0	0	22	0	0	0	0	100	20.0		
Riesling	22349	65	35	0	0	14.7	21540	56	44	0	14.8	Muscat of Alexandria	0	0	0	0	773	0	0	2	98	20.0	19.7		
Bacchus	3280	38	62	0	0	15.1	1610	60	40	0	14.8	Merlot	183	0	0	100	19.6	1393	0	0	8	92	20.1		
Pinot Noir	8637	79	21	0	0	14.9	11184	73	27	0	14.9	Trebbiano Toscano	746	0	0	100	20.2	211	0	0	0	0	90	19.9	
Pinot Noir Précoce	79	65	35	0	0	14.7	250	40	60	0	14.9	Malagousia	23	0	0	100	20.0	126	0	0	0	0	100	20.2	
Johanniter	0	0	0	0	0	0.0	92	61	39	0	14.9	Alicante Henri Bouschet	21	0	0	100	20.3	60	0	0	0	0	100	20.3	
Auxerrois	77	77	23	0	0	14.9	213	55	45	0	14.9	Agiorgitiko	2320	0	0	100	20.3	3270	0	0	0	0	100	20.3	
Chasselas	1198	99	1	0	0	15.0	1046	100	0	0	15.0	Cabernet Sauvignon	688	0	0	12	88	1929	0	0	13	87	20.3	20.3	
Muscat Blanc à Petits Grains	86	62	38	0	0	15.0	240	56	44	0	15.0	Muscat Blanc à Petits Grains	2232	0	0	100	20.3	1568	0	0	0	0	100	20.4	
Cabernet Dorsa	0	0	0	0	0	0.0	242	44	56	0	15.0	Moschofilero	718	0	0	100	20.5	1088	0	0	0	0	100	20.4	
Kerner	6846	36	64	0	0	15.0	2646	37	63	0	15.0	Chardonnay	36	0	0	100	20.2	673	0	0	6	94	20.4	20.5	
Solaris	0	0	0	0	0	0.0	91	58	42	0	15.0	Asproouda	433	0	0	100	20.3	120	0	0	0	0	100	20.5	
Pinot Blanc	2388	55	45	0	0	15.0	4323	51	49	0	15.0	Fokiano	162	0	0	100	20.1	212	0	0	0	0	100	20.5	
Müller-Thurgau	20691	52	48	0	0	15.0	11664	50	50	0	15.0	Syrah	39	0	0	9	91	19.7	1042	0	0	10	90	20.7	
Gewürztraminer	0	0	0	0	0	0.0	824	37	63	0	15.0	Roditis (R)	6945	0	0	1	99	21.0	828	0	0	0	0	100	20.8
Dunkelfelder	281	36	64	0	0	15.0	265	26	74	0	15.1	Marouda	349	0	0	100	20.6	1658	0	0	1	99	20.9	20.4	
Cabernet Mitos	0	0	0	0	0	0.0	308	46	44	0	15.1	Roditis	299	0	0	100	20.4	8463	0	0	0	0	100	21.0	
Sylvaner	6860	34	66	0	0	15.1	4627	40	60	0	15.1	Garnacha Roja (Gris)	1	0	0	100	19.2	114	0	0	0	0	100	21.2	
Pinot Gris	2635	64	36	0	0	15.0	4887	49	51	0	15.1	Robola	359	0	0	100	21.4	152	0	0	0	0	100	21.3	
Sauvignon Blanc	0	0	0	0	0	0.0	736	31	69	0	15.1	Venziani	491	0	0	100	21.4	60	0	1	99	21.4	21.4	21.4	
Regent	324	46	54	0	0	15.0	1902	32	68	0	15.1	Mavrodaini	537	0	0	100	21.4	324	0	0	0	0	100	21.4	
Heroldrebe	199	13	87	0	0	15.1	112	16	84	0	15.1	Kakorygis	0	0	0	0	0	28	0	0	0	0	100	21.4	
Merlot	0	0	0	0	0	0.0	553	22	78	0	15.1	Gousiosolidi	112	0	0	100	21.4	19	0	0	0	0	100	21.4	
Cabernet Sauvignon	0	0	0	0	0	0.0	329	18	82	0	15.2	Athiri	1350	0	0	100	21.9	577	0	0	0	0	100	21.6	
Chardonnay	530	30	70	0	0	15.1	1485	24	76	0	15.2	Assyrtiko	1106	0	0	100	21.7	1770	0	0	0	0	100	21.7	
Dornfelder	3766	20	80	0	0	15.1	7761	17	83	0	15.2	Monemvassia	418	0	0	100	22.1	81	0	0	0	0	100	21.9	
Blauer Portugieser	4877	12	88	0	0	15.2	3177	12	88	0	15.2	Mandilaria	845	0	0	100	22.3	932	0	0	0	0	100	22.1	
Scheurebe	3125	15	85	0	0	15.3	1266	22	78	0	15.2	Savatiano	12747	0	0	100	22.3	10268	0	0	0	0	100	22.4	
Sankt Laurent	184	8	92	0	0	15.2	633	9	91	0	15.3	Vilana	506	0	0	100	22.6	650	0	0	0	0	100	22.5	
Morio-Muskat	1165	4	96	0	0	15.3	362	3	97	0	15.3	Liatiko	2476	0	0	100	22.6	2633	0	0	0	0	100	22.5	
Ortega	1053	12	88	0	0	15.3	482	9	91	0	15.3	Kotsifali	418	0	0	100	22.6	1338	0	0	0	0	100	22.6	
Huxelrebe	1291	4	96	0	0	15.4	462	4	96	0	15.4	Romeiko	382	0	0	100	22.6	1131	0	0	0	0	100	22.6	
Faberrebe	1585	8	92	0	0	15.4	331	7	93	0	15.5	Thapsathiri	0	0	0	0	0	27	0	0	0	0	100	22.6	
<b>Top 40</b>	<b>100706</b>	<b>52</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>14.9</b>	<b>51</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>15.0</b>	<b>Top 40</b>	<b>42148</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>97</b>	<b>21.3</b>	<b>49021</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>96</b>	<b>21.2</b>	

Table 78 (cont.): Shares of national vinegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Hungary Variety	2000		2016		Italy		2000		2016		
	Area (ha)	Cool Temp.	Hot av. GST	Area (ha)	Cool Temp.	Hot av. GST	Area (ha)	Cool Temp.	Hot av. GST	Area (ha)	
Furmint	3480	0	100	0	0	16.7	3862	0	100	0	15.8 Dolcetto
Muscat Blanc à Petits Grains	1538	0	100	0	0	16.7	762	0	100	0	16.1 Pinot Noir
Hárslevelű	1012	0	100	0	0	16.7	1603	0	96	4	16.1 Nebbiolo
Graševina	6677	0	100	0	0	16.7	3933	0	87	13	0 Barbera
Zengő	0	0	0	0	0	0.0	226	0	98	2	0 Muscat Blanc à Petits Grains
Leányka	0	0	0	0	0	0.0	719	0	97	3	0 Bonarda Piemontese
Zenit	405	0	100	0	0	16.7	639	0	93	7	0 Pinot Gris
Gewürztraminer	0	0	0	0	0	0.0	694	0	87	13	0 Sauvignonasse
Ezerfűrtű	405	0	100	0	0	16.7	264	0	96	4	0 Sauvignon Blanc
Pinot Gris	890	0	100	0	0	16.7	1594	0	91	9	0 Verdicchio Bianco
Blauburgunder	0	0	0	0	0	0.0	453	0	93	7	0 Croatia
Sauvignon Blanc	324	0	100	0	0	16.7	982	0	89	11	0 Aghianico
Pinot Blanc	0	0	0	0	0	0.0	228	0	65	35	0 Cabernet Franc
Ezerjó	3157	0	100	0	0	16.7	636	0	100	0 Chardonnay	
Blaufrankisch	6920	0	100	0	0	16.7	7260	0	78	22	0 Prosecco
Syrah	0	0	0	0	0	0.0	215	0	60	40	0 Rondinella
Grüner Veltliner	1335	0	100	0	0	16.7	1381	0	80	20	0 2797
Zweigelt	2266	0	100	0	0	16.7	1687	0	76	24	0 9267
Müller-Thurgau	3278	0	100	0	0	16.7	1670	0	90	10	0 6639
Chardonnay	2954	0	100	0	0	16.7	2464	0	77	23	0 4517
Pinot Noir	243	0	100	0	0	16.7	1092	0	74	26	0 3312
Királyleányka	0	0	0	0	0	0.0	784	0	81	19	0 11687
Isai Olivér	0	0	0	0	0	0.0	1531	0	91	9	0 7498
Riesling	1619	0	100	0	0	16.7	1261	0	84	16	0 23
Chasselas	1902	0	100	0	0	16.7	1159	0	98	2	0 12
Muscat Ottonel	1416	0	100	0	0	16.7	1236	0	90	10	0 19.7
Cabernet Sauvignon	1052	0	100	0	0	16.7	2677	0	62	38	0 19.3
Merlot	486	0	100	0	0	16.7	1961	0	58	42	0 24057
Zalagyönyge	2550	0	100	0	0	16.7	1065	0	98	2	0 1
Generosa	0	0	0	0	0	0.0	325	0	94	6	0 22
Arany Sárfehér	2914	0	100	0	0	16.7	586	0	100	0 Gamacha Tinta	
Villard Blanc	0	0	0	0	0	0.0	199	0	99	1	0 19.3
Bianca	0	0	0	0	0	0.0	4898	0	97	3	0 19.3
Aletta	0	0	0	0	0	0.0	1676	0	97	3	0 19.3
Cserszegi Fűszeres	2185	0	100	0	0	16.7	4299	0	86	14	0 19.3
Kővidinka	1214	0	100	0	0	16.7	638	0	98	2	0 19.3
Kunkány	1376	0	100	0	0	16.7	974	0	94	6	0 19.3
Blauer Portugieser	1255	0	100	0	0	16.7	1023	0	49	51	0 19.3
Cabernet Franc	526	0	100	0	0	16.7	1368	0	50	50	0 19.3
Kadarka	1012	0	100	0	0	16.7	351	0	57	43	0 19.3
<b>Top 40</b>	<b>54390</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>16.7</b>	<b>60414</b>	<b>0</b>	<b>85</b>	<b>15</b>	<b>0 19.7</b>
											<b>484184</b>
											<b>456936</b>
											<b>1 24</b>
											<b>73</b>
											<b>19.7</b>
											<b>19.7</b>

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Japan			2000			2016			Moldova			2016			2000		
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	
Cascade	22	0	100	0	0	15.6	Moldova	0	0	0	0	12375	0	0	100	0	17.2	
Pinot Noir	20	0	100	0	0	15.6	Cabernet Sauvignon	7590	0	0	100	0	0	100	0	100	0	
Yamasachi	20	0	100	0	0	15.6	Aligoté	15790	0	0	100	0	17.2	7765	0	0	100	0
Portland	39	0	95	5	0	15.7	Merlot	8123	0	0	100	0	17.2	7689	0	0	100	0
Müller-Thurgau	22	0	92	8	0	15.7	Sauvignon Blanc	8151	0	0	100	0	17.2	6909	0	0	100	0
Zweigelt	59	0	95	1	4	15.7	Chardonnay	5134	0	0	100	0	17.2	4133	0	0	100	0
Kerner	76	0	94	1	5	15.8	Rkatsiteli	11508	0	0	100	0	17.2	3898	0	0	100	0
Campbell Early	238	0	72	28	0	16.1	Isabella	11401	0	0	100	0	17.2	3468	0	0	100	0
Ningara	551	0	45	54	1	17.2	Pinot Noir	6521	0	0	100	0	17.2	2366	0	0	100	0
Riesling	22	0	0	100	0	17.4	Muscot Ottonel	1520	0	0	100	0	17.2	1859	0	0	100	0
Yamabudo	35	0	94	6	17.5	Riesling	1343	0	0	100	0	17.2	1701	0	0	100	0	
Yama Sauvignon	24	0	0	100	0	18.1	Bianca	15	0	0	100	0	17.2	1340	0	0	100	0
Delaware	254	0	11	58	31	18.4	Pinot Gris	2042	0	0	100	0	17.2	1208	0	0	100	0
Concord	292	0	0	100	0	18.6	Kodryanka	0	0	0	0	0	17.2	1143	0	0	100	0
Black Queen	28	0	0	100	0	18.6	Gewürztraminer	2731	0	0	100	0	17.2	1099	0	0	100	0
Ryuan	27	0	0	100	0	18.6	Feteasca Alba	4334	0	0	100	0	17.2	954	0	0	100	0
Sauvignon Blanc	15	0	0	100	0	18.6	Magaracha Rannii	0	0	0	0	0	17.2	884	0	0	100	0
Merlot	197	0	0	77	23	18.7	Alb de Suruceni	0	0	0	0	0	17.2	780	0	0	100	0
Chardonnay	137	0	0	82	18	18.7	Cabernet Franc	0	0	0	0	0	17.2	756	0	0	100	0
Verdelet	39	0	0	81	19	18.8	Muscat Yantarnyi	0	0	0	0	0	17.2	683	0	0	100	0
Kyoho (4N)	62	0	0	65	35	18.8	Saperavi	716	0	0	100	0	17.2	573	0	0	100	0
Cabernet Sauvignon	42	0	0	49	51	18.8	Victoria	0	0	0	0	0	17.2	565	0	0	100	0
Muscat Bailey A	521	0	0	33	67	18.9	Pervenets Magaracha	0	0	0	0	0	17.2	517	0	0	100	0
Koshu	690	0	0	14	86	19.0	Cardinal	0	0	0	0	0	17.2	473	0	0	100	0
Riesling Forte	2	0	0	14	86	19.0	Alb de Onitoni	0	0	0	0	0	17.2	424	0	0	100	0
Adrondac	24	0	0	14	86	19.0	Feteasca Neagră	0	0	0	0	0	17.2	402	0	0	100	0
Rose Ciocat	2	0	0	14	86	19.5	Feteasca Regală	0	0	0	0	0	17.2	372	0	0	100	0
Red Millennium	2	0	0	14	86	19.5	Chasselas	0	0	0	0	0	17.2	329	0	0	100	0
<b>Top 28</b>	<b>3464</b>	<b>0</b>	<b>20</b>	<b>46</b>	<b>34</b>	<b>18.1</b>	<b>Sukholimansky Bely Riton</b>	<b>599</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>17.2</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>
Nastea	2	0	0	0	0	0	Trestibiano Toscano	0	0	0	0	0	17.2	313	0	0	100	0
Muscat of Hamburg	0	0	0	0	0	0	Viorika	0	0	0	0	0	17.2	277	0	0	100	0
Kodinskii	40	0	0	0	0	0	Kodinskii	5	0	0	0	0	17.2	251	0	0	100	0
Prezentabil	0	0	0	0	0	0	Pinot Blanc	350	0	0	100	0	17.2	229	0	0	100	0
Noah	71	0	0	0	0	0	Nastea	0	0	0	0	0	17.2	210	0	0	100	0
Irsai Oliver	0	0	0	0	0	0	Trestibiano Toscano	0	0	0	0	0	17.2	172	0	0	100	0
Bastardo Magarachsky	1040	0	0	0	0	0	Muscat of Hamburg	0	0	0	0	0	17.2	180	0	0	100	0
<b>Top 40</b>	<b>89026</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>17.2</b>	<b>75771</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>17.2</b>

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	New Zealand		2000		2016		Portugal		2000		2016		
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)
Sankt Laurent	0	0	0	0	0	0.0	1	85	15	0	0	14.6	Avesso
Müller-Thurgau	420	2	96	1	0	16.4	2	78	22	0	0	19.9	699
Riesling	492	21	78	0	0	15.5	767	49	51	0	0	15.1	Rufete
Pinot Noir	1098	23	75	2	0	15.5	5514	35	65	0	0	15.1	Trajadura
Pinot Blanc	0	0	0	0	0	0.0	12	30	70	0	0	15.2	Loureiro
Lagrein	0	0	0	0	0	0.0	0	0	0	0	0	15.5	Rabigato
Grisner Veltliner	0	0	0	0	0	0.0	43	4	96	0	0	15.6	Alvarelião
Nebbiolo	0	0	0	0	0	0.0	1	37	34	0	0	15.6	Trousseau
Sauvignon Blanc	2424	3	97	0	0	15.7	20497	2	98	0	0	15.7	Tinta Barroca
Sauvignon Blanc (G)	0	0	0	0	0	0.0	104	0	100	0	0	15.7	Azal
Pinot Gris	127	33	58	9	0	15.5	2422	18	81	2	0	15.7	Vinhao
Pinot Meunier	0	0	0	0	0	0.0	21	8	92	0	0	15.9	Tinta Carvalha
Gewürztraminer	139	9	91	0	0	16.0	277	13	85	3	0	15.9	Malvasia Fina
Chenin Blanc	146	0	98	2	0	16.5	24	10	90	0	0	16.0	Touriga Franca
Sémillon	229	2	94	4	0	16.2	63	8	91	1	0	16.0	Viosinho
Tempranillo	0	0	0	0	0	0.0	18	10	83	7	0	16.0	Muscat Blanc à Petits Grains
Gamay Noir	0	0	0	0	0	0.0	7	11	89	0	0	16.1	Malvasia Peta
Chardonnay	2786	6	91	3	0	16.1	3117	4	93	3	0	16.1	Palomino Fino
Kolor	0	0	0	0	0	0.0	7	0	84	16	0	16.1	Touriga Nacional
Tribidrag	0	0	0	0	0	0.0	4	1	99	0	0	16.3	Arinto de Bucelas
Alvarinho	0	0	0	0	0	0.0	26	5	85	10	0	16.3	Malvasia
Viognier	0	0	0	0	0	0.0	129	2	89	8	0	16.3	Diagáviles
Merlot	656	3	87	10	0	16.3	1239	1	95	4	0	16.3	Tempranillo
Syrah	60	7	75	19	0	16.3	436	3	84	13	0	16.4	Síria
Montepulciano	0	0	0	0	0	0.0	8	0	70	30	0	16.4	Trincadeira
Cabernet Sauvignon	654	2	87	12	0	16.3	275	2	87	11	0	16.4	Vital
Côt	67	2	83	15	0	16.4	129	1	87	12	0	16.4	Afalcão-Henri Bouschet
Arneis	0	0	0	0	0	0.0	33	0	100	0	0	16.4	Fernão Pires
Verdelho	0	0	0	0	0	0.0	7	7	71	22	0	16.5	Damaschino
Cabernet Franc	118	3	72	25	0	16.5	109	2	78	20	0	16.5	Mencia
Muscat	0	0	0	0	0	0.0	36	3	96	2	0	16.6	Baga
Pinotage	73	1	72	27	0	16.5	38	2	76	23	0	16.6	Syrah
Reichensteiner	62	1	99	0	0	16.7	14	0	100	0	0	16.8	Bical
Sangiovese	0	0	0	0	0	0.0	8	0	51	49	0	16.8	Castelão
Petit Verdot	0	0	0	0	0	0.0	9	0	48	52	0	16.9	Alffrocheiro
Tannat	0	0	0	0	0	0.0	2	0	31	69	0	17.1	Cabernet Sauvignon
Scibel	0	0	0	0	0	0.0	3	0	13	87	0	17.2	Santarena
Chambourcin	0	0	0	0	0	0.0	3	0	12	88	0	17.2	Caladoc
Flora	6	0	100	0	0	16.8	3	0	8	92	0	17.3	Antao Vaz
Palomino Fino	21	0	38	62	0	17.3	7	0	0	100	0	17.5	Negrão
<b>Top 40</b>	<b>9578</b>	<b>7</b>	<b>89</b>	<b>4</b>	<b>0</b>	<b>16.0</b>	<b>35420</b>	<b>9</b>	<b>89</b>	<b>1</b>	<b>0</b>	<b>15.7</b>	<b>Top 40</b>
										<b>17</b>	<b>27</b>	<b>56</b>	<b>18.7</b>
										<b>115478</b>	<b>0</b>	<b>17</b>	<b>27</b>
											<b>158808</b>	<b>0</b>	<b>40</b>
												<b>60</b>	<b>18.9</b>

Table 78 (cont.): Shares of national vinegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Romania										Serbia														
	2000			2016			2000			2016			2000			2016			2000						
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	
Fetească Regală	1700	0	0	100	0	17.7	12619	0	0	100	0	17.7	Vranac	0	0	0	0	0	3	0	100	0	0	16.6	
Fetească Alba	18211	0	0	100	0	17.7	12428	0	0	100	0	17.7	Cardinal	0	0	0	0	0	3	0	100	0	0	16.6	
Merlot	7810	0	0	100	0	17.7	11647	0	0	100	0	17.7	Muscat Ottonel	0	0	0	0	0	183	0	49	51	0	16.8	
Riesling	0	0	0	0	0	0.0	6121	0	0	100	0	17.7	Pamid	0	0	0	0	0	67	0	40	60	0	17.0	
Aligoté	7608	0	0	100	0	17.7	5840	0	0	100	0	17.7	Morava	0	0	0	0	0	34	0	0	100	0	17.1	
Sauvignon Blanc	4613	0	0	100	0	17.7	5594	0	0	100	0	17.7	Kadarka	0	0	0	0	0	15	0	0	100	0	17.1	
Cabernet Sauvignon	8620	0	0	100	0	17.7	5359	0	0	100	0	17.7	Blaufrankisch	0	0	0	0	0	727	0	1	99	0	17.2	
Muscat Ottonel	5787	0	0	100	0	17.7	4779	0	0	100	0	17.7	Pinot Noir	0	0	0	0	0	633	0	9	91	0	17.2	
Fetească Neagră	1214	0	0	100	0	17.7	2845	0	0	100	0	17.7	Prokupac	0	0	0	0	0	17.3	916	0	5	95	0	17.2
Pamid	0	0	0	0	0	0.0	2716	0	0	100	0	17.7	Chardonnay	0	0	0	0	0	1455	0	23	77	0	17.2	
Băbească Neagră	3642	0	0	100	0	17.7	2696	0	0	100	0	17.7	Panonia	0	0	0	0	0	2	0	0	100	0	17.2	
Pinot Noir	1740	0	0	100	0	17.7	1930	0	0	100	0	17.7	Kosmopolita	0	0	0	0	0	1	0	0	100	0	17.2	
Chardonnay	1376	0	0	100	0	17.7	1878	0	0	100	0	17.7	Cabernet Franc	0	0	0	0	0	79	0	36	64	0	17.2	
Muscat Blanc à Petits Grains	1012	0	0	100	0	17.7	1579	0	0	100	0	17.7	Merlot	0	0	0	0	0	1968	0	9	91	0	17.3	
Pinot Gris	2388	0	0	100	0	17.7	1561	0	0	100	0	17.7	Muscat Fleur d'Oranger	0	0	0	0	0	116	0	0	100	0	17.3	
Grasevina	15014	0	0	100	0	17.7	1437	0	0	100	0	17.7	Cabernet Sauvignon	0	0	0	0	0	2111	0	17	83	0	17.3	
Blaufrankisch	0	0	0	0	0	0.0	729	0	0	100	0	17.7	Sauvignon Blanc	0	0	0	0	0	741	0	25	75	0	17.4	
Grasă de Conari	850	0	0	100	0	17.7	571	0	0	100	0	17.7	Muscat of Hamburg	0	0	100	0	0	17.3	624	0	39	61	0	17.4
Syrah	0	0	0	0	0	0.0	504	0	0	100	0	17.7	Pinot Gris	0	0	0	0	0	112	0	0	100	0	17.4	
Gewürztraminer	445	0	0	100	0	17.7	469	0	0	100	0	17.7	Marselan	0	0	0	0	0	84	0	0	100	0	17.5	
Crimposie	0	0	0	0	0	0.0	450	0	0	100	0	17.7	Afus Ali	0	0	0	0	0	73	0	0	100	0	17.5	
Galbenă de Odobești	546	0	0	100	0	17.7	4117	0	0	100	0	17.7	Riesling	0	0	0	0	0	1361	0	10	90	0	17.5	
Rkatsiteli	506	0	0	100	0	17.7	4113	0	0	100	0	17.7	Graševina	0	0	100	0	0	17.3	2037	0	6	94	0	17.5
Francesă	0	0	0	0	0	0.0	365	0	0	100	0	17.7	Dinyat	0	0	0	0	0	192	0	24	76	0	17.6	
Busuioacă de Bohotin	0	0	0	0	0	0.0	343	0	0	100	0	17.7	Gewürztraminer	0	0	0	0	0	142	0	0	100	0	17.6	
Blauer Portugieser	0	0	0	0	0	0.0	329	0	0	100	0	17.7	Zupljanka	0	0	0	0	0	255	0	1	99	0	17.7	
Iordan	0	0	0	0	0	0.0	311	0	0	100	0	17.7	Muscat Blanc à Petits Grains	0	0	0	0	0	31	0	0	100	0	17.7	
Băbească Neagră (G)	0	0	0	0	0	0.0	297	0	0	100	0	17.7	Rkatsiteli	0	0	0	0	0	60	0	3	97	0	17.7	
Mustoasă de Măderat	0	0	0	0	0	0.0	282	0	0	100	0	17.7	Ganay Noir	0	0	0	0	0	54	0	0	100	0	17.8	
Şarbă	0	0	0	0	0	0.0	266	0	0	100	0	17.7	Victoria	0	0	0	0	0	55	0	0	100	0	17.8	
Plavay	0	0	0	0	0	0.0	152	0	0	100	0	17.7	Muscat	0	0	0	0	0	14	0	0	100	0	18.1	
Chasselas	0	0	0	0	0	0.0	127	0	0	100	0	17.7	<b>Top 31</b>	<b>17.3</b>	<b>14146</b>	<b>0</b>	<b>13</b>	<b>87</b>	<b>0</b>	<b>17.3</b>					
Coarnă Neagră	0	0	0	0	0	0.0	104	0	0	100	0	17.7													
Kadarka	0	0	0	0	0	0.0	97	0	0	100	0	17.7													
Sangiovese	0	0	0	0	0	0.0	88	0	0	100	0	17.7													
Zweigelt	0	0	0	0	0	0.0	86	0	0	100	0	17.7													
Novac	0	0	0	0	0	0.0	74	0	0	100	0	17.7													
Cabernet Franc	0	0	0	0	0	0.0	72	0	0	100	0	17.7													
Neuburger	0	0	0	0	0	0.0	71	0	0	100	0	17.7													
Tempranillo	0	0	0	0	0	0.0	67	0	0	100	0	17.7													
<b>Top 40</b>	<b>833082</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>17.7</b>	<b>87713</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>17.7</b>												

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Slovenia			2000			2016			South Africa			2016			2000					
	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Variety	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Hot	av. GST	
Müller-Thurgau	0	0	0	0	0.0	128	0	100	0	0	15.3	Riesling	0	0	0	0	0.0	152	0	23	
Muscat Ottonel	0	0	0	0	0.0	98	0	100	0	0	15.3	Pinot Noir	461	0	0	0	0.0	1153	0	73	
Savagnin Blanc	0	0	0	0	0.0	209	0	100	0	0	15.3	Cabernet Franc	488	0	0	0	0.0	835	0	5	
Furmint	0	0	0	0	0.0	546	0	100	0	0	15.3	Sauvignon Blanc	5393	0	0	0	0.0	9246	0	9	
Zweigelt	0	0	0	0	0.0	5	0	100	0	0	15.4	Sémillon	995	0	0	0	0.0	1121	0	94	
Silvaner	0	0	0	0	0.0	81	0	100	0	0	15.4	Côt	0	0	0	0	0.0	452	0	95	
Riesling	0	0	0	0	0.0	607	0	100	0	0	15.4	Gewürztraminer	0	0	0	0	0.0	106	0	7	
Kerner	0	0	0	0	0.0	111	0	100	0	0	15.4	Mazuelo	0	0	0	0	0.0	114	0	0	
Blauer Portugieser	0	0	0	0	0.0	80	0	100	0	0	15.4	Merlot	4837	0	0	0	0.0	100	0	97	
Grasevina	3568	0	100	0	0.0	16.8	1935	0	83	17	0	Roussanne	0	0	0	0	0.0	76	0	91	
Pinot Noir	0	0	0	0	0.0	202	0	72	28	0	16.1	Pinot Gris	0	0	0	0	0.0	369	0	2	
Pinot Blanc	0	0	0	0	0.0	424	0	68	32	0	16.2	Petit Verdot	0	0	0	0	0.0	749	0	0	
Sauvignon Blanc	1221	0	100	0	0.0	16.8	1121	0	68	32	0	Touriga Nacional	0	0	0	0	0.0	105	0	0	
Muscat Blanche à Petits Grains	0	0	0	0	0.0	586	0	76	10	14	16.2	Cabernet Sauvignon	8824	0	0	0	0.0	100	0	98	
Sankt Laurent	0	0	0	0	0.0	6	0	100	0	0	16.4	Crouchen	0	0	0	0	0.0	271	0	0	
Gamay Noir	0	0	0	0	0.0	4	0	100	0	0	16.4	Monastrell	0	0	0	0	0.0	473	0	0	
Plavec Žuti	0	0	0	0	0.0	82	0	63	37	0	16.5	Syrah	5578	0	0	0	0.0	100	0	96	
Chardonnay	1549	0	100	0	0.0	16.8	1181	0	55	41	4	Chardonnay	5995	0	0	0	0.0	100	0	97	
Pinot Gris	0	0	0	0	0.0	508	0	49	47	4	16.6	Viognier	50	0	0	0	0.0	100	0	4	
Blaufärbisch	0	0	0	0	0.0	709	0	58	42	0	16.7	Cinsaut	3533	0	0	0	0.0	100	0	100	
Vitovska Granaža	0	0	0	0	0.0	33	0	66	34	0	17.2	Tinta Barroca	0	0	0	0	0.0	190	0	2	
Kraljevina	0	0	0	0	0.0	199	0	32	68	0	17.5	Roobernet	0	0	0	0	0.0	269	0	3	
Žametovka	0	0	0	0	0.0	822	0	23	77	0	17.6	Pinotage	6433	0	0	0	0.0	100	0	97	
Cabernet Franc	0	0	0	0	0.0	27	0	100	0	0	17.6	Tempranillo	0	0	0	0	0.0	92	0	0	
Sauvignonasse	0	0	0	0	0.0	231	0	100	0	0	17.7	Gammache Blanca	0	0	0	0	0.0	110	0	10	
Ribolla Gialla	1127	0	100	0	0.0	16.8	597	0	100	0	0	17.8	Garnacha Tinta	0	0	0	0	0.0	344	0	98
Merlot	1197	0	100	0	0.0	16.8	817	0	1	89	10	18.1	Clairette	0	0	0	0	0.0	195	0	0
Barbera	0	0	0	0	0.0	16.8	199	0	32	68	0	18.1	Durif	0	0	0	0	0.0	114	0	0
Zelen	0	0	0	0	0.0	75	0	100	0	0	18.1	Nonnelle	0	0	0	0	0.0	428	0	1	
Pinella	0	0	0	0	0.0	61	0	100	0	0	18.1	Trebbiano Toscano	0	0	0	0	0.0	156	0	0	
Cabernet Sauvignon	0	0	0	0	0.0	423	0	3	75	22	18.3	Tannat	0	0	0	0	0.0	114	0	99	
Refosco	0	0	0	0	0.0	1340	0	32	6	61	18.5	Ruby Cabernet	1980	0	0	0	0.0	100	0	100	
Malvazija Istarska	0	0	0	0	0.0	915	0	5	32	63	18.9	Chenin Blanc	22412	0	0	0	0.0	100	0	21.2	
Syrah	0	0	0	0	0.0	18	0	0	100	0	19.5	Muscat of Alexandria	3926	0	0	0	0.0	100	0	21.3	
<b>Top 34</b>	<b>8661</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0.0</b>	<b>16.8</b>	<b>14283</b>	<b>0</b>	<b>51</b>	<b>37</b>	<b>12</b>	<b>16.9</b>	(R)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>404</b>	<b>0</b>	<b>2</b>	
<b>Top 40</b>	<b>8661</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0.0</b>	<b>16.8</b>	<b>14283</b>	<b>0</b>	<b>51</b>	<b>37</b>	<b>12</b>	<b>16.9</b>	(R)	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>757</b>	<b>0</b>	<b>98</b>	
												Muscat Blanc à Petits Grains									
												Palonino Fino									
												Morlo-Muskat									
												Colombard									
												Villard Blanc									
												<b>Top 40</b>	<b>82866</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>100</b>	<b>21.1</b>	<b>94908</b>	
																	<b>3</b>	<b>97</b>	<b>21.0</b>		

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	Spain										Switzerland												
	2000			2016			2000			2016			2000			2016			2000				
	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST	Area (ha)	Cool	Temp.	Hot	av. GST			
Juan Garcia	2077	0	38	62	0	17.0	1409	0	91	9	0	16.6	Merlot	848	99	1	0	9.3	1124	92	8	0	
Prieto Pieno	3256	0	88	10	1	16.4	4293	0	99	0	0	16.6	Cabernet Sauvignon	34	74	26	0	13.6	66	67	33	0	
Mencía	11166	0	56	34	10	17.0	8489	0	62	35	4	16.9	Kerner	8	96	4	0	13.0	25	78	22	0	
Alvarinho	0	0	0	0	0	0.0	5393	0	0	99	1	17.2	Cabernet Franc	16	70	30	0	12.1	63	55	45	0	
Verdejo	4453	0	20	66	14	17.5	17923	0	64	0	35	17.7	Chardonnay	226	61	39	0	14.2	359	60	40	0	
Graciano	435	0	45	46	9	17.1	2080	0	25	31	45	18.5	Solaris	0	0	0	0	0.0	20	95	5	0	
Tempranillo	79310	0	30	39	31	17.9	193597	0	28	16	55	18.7	Sauvignon Blanc	38	53	47	0	0	13.9	170	70	30	0
Alicante Henri Bouschet	18321	0	4	46	50	18.5	19294	0	3	27	70	19.0	Cabernet Jura	0	0	0	0	0.0	27	97	3	0	
Garnacha Tinta	98131	0	16	12	72	19.2	54606	0	15	8	77	19.1	Zweigelt	0	0	0	0	0.0	19	100	0	0	
Alarje	1686	0	0	0	100	20.7	4407	0	40	60	19.2	Regent	16	100	0	0	14.4	38	97	3	0		
Sauvignon Blanc	467	0	10	70	20	17.6	4562	0	16	1	83	19.3	Cabernet Dorsa	0	0	0	0	0.0	28	98	2	0	
Mazuelo	8103	0	11	15	74	19.3	5461	0	8	16	76	19.3	Müller-Thurgau	686	90	10	0	14.5	465	94	6	0	
Muscat Blanc à Petits Grains	223	0	26	14	60	19.1	1350	0	12	0	88	19.5	Domfelder	0	0	0	0	0.0	22	90	10	0	
Merlot	1186	0	36	6	58	18.5	12852	0	14	0	86	19.6	Räuschling	23	100	0	0	14.5	23	100	0	0	
Airen	387978	0	0	11	89	19.9	203276	0	0	100	19.6	Riesling	8	87	13	0	14.7	19	94	6	0		
Tinto Velasco	7998	0	0	0	100	20.4	5369	0	0	0	100	19.6	Vignier	0	0	0	0	0.0	44	40	60	0	
Pardillo	7272	0	0	13	87	19.3	3283	0	0	100	19.6	Pinot Noir	4601	87	13	0	14.6	4209	85	15	0		
Mantua	2827	0	0	57	43	18.6	1316	0	0	100	19.6	Anelloita	2	98	2	0	14.2	28	96	4	0		
Chardonnay	1814	0	9	1	90	19.6	6866	0	9	1	90	19.7	Dolinoir	25	95	5	0	14.4	120	90	10	0	
Cabernet Sauvignon	4519	0	27	7	66	18.8	20139	0	10	0	90	19.7	Gewürztraminer	31	66	34	0	14.7	51	62	38	0	
Macabeo	42902	0	8	18	75	19.3	36963	0	6	6	88	19.8	Pinot Gris	149	74	26	0	14.7	230	74	26	0	
Petit Verdot	0	0	0	0	0	0.0	1804	0	1	99	19.9	Muscat Blanc à Petits Grains	44	99	1	0	14.7	36	100	0	0		
Syrah	86	0	5	3	92	20.0	19488	0	2	0	98	19.9	Syrah	54	98	2	0	14.6	194	90	10	0	
Garnacha Blanca	4333	0	1	2	97	19.9	2061	0	1	1	98	19.9	Amigne	21	100	0	0	14.8	42	100	0	0	
Parellada	11188	0	0	0	100	20.0	7137	0	0	100	20.0	Arvine	57	100	0	0	14.8	178	100	0	0		
Xarello	10299	0	0	0	100	20.0	8534	0	0	100	20.0	Humagne	9	100	0	0	14.8	29	100	0	0		
Trepot	1763	0	0	0	100	20.4	1199	0	100	20.2	20.2	Comalín	92	100	0	0	14.8	138	100	0	0		
Palomino Fino	27685	0	10	29	61	19.8	20110	0	11	16	73	20.4	Rouge du Pays	0	0	0	0	0.0	136	100	0	0	
Bobal	100128	0	0	41	58	19.5	59189	0	0	100	20.4	Marsanne	33	100	0	0	14.8	48	99	1	0		
Chelva	10877	0	2	0	98	20.7	5029	0	3	0	97	20.5	Silvaner	208	98	2	0	14.8	250	99	1	0	
Cayetana Blanca	55527	0	0	0	100	20.7	36252	0	0	100	20.7	Savagnin Blanc	17	100	0	0	14.8	127	96	4	0		
Beba	4762	0	0	0	100	20.7	2536	0	0	100	20.7	Doral	3	48	52	0	12.5	35	13	87	0		
Monastrell	67160	0	0	0	100	21.3	41303	0	0	100	21.2	Pinot Blanc	77	37	63	0	15.0	111	50	0	0		
Muscat of Alexandria	6144	0	0	100	21.5	9534	0	0	1	99	21.3	Gamaret	60	20	80	0	14.8	425	37	63	0		
Pedro Ximénez	14803	0	0	99	22.1	8528	0	0	100	21.3	Galotta	0	0	0	0	0.0	35	28	72	0			
Zalema	5969	0	0	100	21.7	4015	0	0	100	21.5	Dunkelfelder	0	0	0	0	0.0	23	44	56	0			
Negrancoll	1642	0	5	1	95	21.2	1149	0	0	100	21.5	Chasselas	5373	41	59	0	15.0	3838	33	67	0		
Mereguera	7460	0	0	100	21.5	2373	0	0	100	21.5	Gamay Noir	1977	49	51	0	15.0	1349	45	55	0			
Malvasia	0	0	0	0	0	1362	0	1	4	95	21.6	Garanoir	50	47	53	0	14.9	225	26	74	0		
Listán Negro	3291	0	0	100	22.1	2847	0	0	100	22.1	Aligoté	20	5	95	0	15.4	24	2	98	0			
<b>Top 40</b>	<b>1017240</b>	<b>0</b>	<b>6</b>	<b>16</b>	<b>78</b>	<b>19.7</b>	<b>847399</b>	<b>0</b>	<b>12</b>	<b>7</b>	<b>82</b>	<b>19.6</b>	<b>Top 40</b>	<b>14807</b>	<b>65</b>	<b>35</b>	<b>0</b>	<b>14.5</b>	<b>14391</b>	<b>65</b>	<b>35</b>	<b>0</b>	

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

Variety	2000				2016				United States				2016				
	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Area (ha)	Cool	Temp.	Warm	Hot
Emir	89	0	0	100	0	17.6	Concord	8330	0	100	0	0	15.2	8349	3	93	3
Dimitrit	704	0	0	82	18	18.5	Niagara	1357	0	100	0	0	15.5	1196	3	94	2
Sémillon	529	0	0	100	0	18.7	Aurore	299	0	100	0	0	15.4	255	13	86	0
Cinsaut	430	0	0	100	0	18.7	Catawba	635	0	100	0	0	15.4	625	6	82	5
Gamay Noir	228	0	0	100	0	18.7	Pinot Noir	5343	1	44	54	1	17.1	2298	0	52	37
Papazkaraş1	204	0	0	100	0	18.7	Pinot Blanc	431	0	67	25	8	17.2	263	0	50	36
Adakarasi	89	0	0	100	0	18.7	Riesling	1965	1	42	53	4	17.0	4952	1	61	25
Riesling	3	0	0	100	0	18.7	Gewürztraminer	728	1	44	55	0	17.0	897	0	59	21
Narince	787	0	0	100	20.3	Vidal	97	0	55	45	0	16.3	366	0	28	30	
Öküzgözü	1601	0	0	1	99	20.9	Cabernet Franc	1189	0	22	70	9	17.8	2199	0	17	60
Tempranillo	6	0	25	75	21.6	Chambourcin	28	0	59	41	0	16.4	315	17	20	64	
Sauvignon Blanc	153	0	31	69	21.6	Sauvignon Blanc	4191	0	11	34	34	18.8	6747	0	14	58	
Kalecik Karası	704	0	0	22	78	Cabernet Sauvignon	17573	0	10	56	33	18.9	40837	0	11	59	
Viognier	15	0	0	28	72	Petit Verdot	96	0	5	84	11	18.4	1219	0	9	55	
Merlot	415	0	0	22	78	Chardonnay	35791	0	26	38	36	18.7	41392	0	28	33	
Bogazkere	1436	0	0	3	97	22.2	Syrah	1509	0	11	36	53	19.6	9083	0	26	36
Cabernet Sauvignon	476	0	12	88	22.4	Merlot	16875	0	10	46	44	19.3	21251	0	18	42	
Syrah	1439	0	0	9	91	22.5	Pinot Gris	826	3	70	22	5	16.5	7462	0	35	10
Cabernet Franc	37	0	0	10	90	22.5	Côt	97	0	4	71	25	18.9	1610	0	15	40
Chardonnay	177	0	0	8	92	22.5	Viognier	314	0	11	57	32	18.8	1481	0	15	28
Côt	21	0	0	4	96	22.7	Dunf	923	0	10	44	47	19.3	3698	0	4	43
Sultaniye	2461	0	0	100	22.9	Sangiovese	682	0	12	33	36	19.1	827	0	9	46	
Calkansı	806	0	0	100	22.9	Sémillon	709	0	8	61	31	18.8	340	0	12	40	
Alicante Henri Bouschet	532	0	0	100	22.9	Monastrell	187	0	4	18	78	19.6	515	7	31	62	
Mazuelo	130	0	0	100	22.9	Tempranillo	201	0	0	1	99	21.8	626	0	17	21	
Muscat Blanc à Petits Grains	129	0	0	100	22.9	Tribidrag	18630	0	2	20	78	20.4	18551	0	0	25	
Garnacha Tinta	33	0	0	100	22.9	Mazuelo	3088	0	12	88	21.2	1086	0	21	79	20.9	
Petit Verdot	19	0	0	100	22.9	Malvasia Bianca di Candia	968	0	7	0	93	21.6	486	0	12	2	
Sangiovese	18	0	0	100	22.9	Garnacha Tinta	4519	0	1	1	98	22.3	2213	0	10	15	
Monastrell	7	0	0	100	22.9	Muscat Blanc à Petits Grains	515	0	8	30	62	20.6	1218	9	17	24	
Karahalına	4	0	0	100	22.9	Chenin Blanc	8433	0	6	5	90	21.8	1969	0	4	5	
Karasakız	4	0	0	100	22.9	Alicante Henri Bouschet	563	0	0	4	96	22.6	380	0	0	7	
Vasılıkı	4	0	0	100	22.9	Symphony	184	0	0	0	100	22.2	647	0	0	100	
Cavuş	3	0	0	100	22.9	Barbera	4693	0	0	1	99	22.7	2131	0	1	4	
Pinot Noir	10	0	0	100	22.9	Ehling	0	0	0	0	0	0.0	396	0	0	100	
<b>Top 35</b>	<b>13704</b>	<b>0</b>	<b>20</b>	<b>80</b>	<b>21.6</b>	Colombard	18010	0	0	1	99	22.5	7991	0	0	0	100
Ruby Cabernet							2895	0	0	100	22.8	2114	0	0	0	100	
Muscat of Alexandria							2013	0	0	100	23.1	1987	0	0	0	100	
Triplette Blanc							0	0	0	0	0.0	412	0	0	0	100	
Rubired							4153	0	0	100	22.9	4825	0	0	0	100	
<b>Top 40</b>	<b>13704</b>	<b>0</b>	<b>18</b>	<b>27</b>	<b>55</b>	<b>19.8</b>	<b>169039</b>	<b>0</b>	<b>18</b>	<b>27</b>	<b>55</b>	<b>19.8</b>	<b>225907</b>	<b>0</b>	<b>24</b>	<b>42</b>	<b>19.0</b>

Table 78 (cont.): Shares of national winegrape area of each variety in cool, temperate, warm and hot climates, and average growing season temperature, top 40 varieties, 2000 and 2016 (% and °C)

2016										
Uruguay		2000			2010			2016		
Variety	Area (ha)	Cool	Temp.	Warm	Hot	av. GST	Cool	Temp.	Warm	Hot
Pinot Gris	0	0	0	0	0.0	9	0	0	0	19.5
Petit Verdot	0	0	0	0	0.0	26	0	0	0	19.8
Pinot Blanc	0	0	0	0	0.0	2	0	0	0	19.8
Ariollo	0	0	0	0	0.0	6	0	0	0	20.0
Concord	0	0	0	0	0.0	24	0	0	0	20.1
Marselan	0	0	0	0	0.0	120	0	0	0	20.1
Sauvignon Blanc	142	0	0	100	20.2	144	0	0	0	20.1
Arinamoa	0	0	0	0	0.0	45	0	0	0	20.1
Sauvignon Blanc (G)	0	0	0	0	0.0	10	0	0	0	20.1
Mahaysia Fina	0	0	0	0	0.0	6	0	0	0	20.1
Chenin Blanc	0	0	0	0	0.0	2	0	0	0	20.1
Egliodola	0	0	0	0	0.0	2	0	0	0	20.1
Ruby Cabernet	0	0	0	0	0.0	2	0	0	0	20.1
Muscat of Hamburg	2886	0	0	100	20.2	1267	0	0	0	20.1
Trebbiano Toscano	0	0	0	0	0.0	682	0	0	0	20.2
Merlot	1057	0	0	100	20.2	747	0	0	0	20.2
Tannat	2433	0	0	100	20.2	1725	0	0	0	20.2
Alicante Henri Bouschet	0	0	0	0	0.0	24	0	0	0	20.2
Chardonnay	142	0	0	100	20.2	119	0	0	0	20.2
Pinot Noir	0	0	0	0	0.0	56	0	0	0	20.2
Isabella	0	0	0	0	0.0	102	0	0	0	20.3
Vignoperla	0	0	0	0	0.0	41	0	0	0	20.3
364	0	0	0	100	20.2	2666	0	0	0	20.3
Muscadet Franc	0	0	0	0	0.0	10	0	0	0	20.3
Muscadet à Petits Grains	0	0	0	0	0.0	20.2	484	0	0	20.3
Cabernet Sauvignon	675	0	0	100	20.2	67	0	0	0	20.4
Syrah	62	0	0	100	20.2	14	0	0	0	20.4
Sémillon	0	0	0	0	0.0	17	0	0	0	20.5
Gewürztraminer	0	0	0	0	0.0	43	0	0	0	20.5
Côt	0	0	0	0	0.0	22	0	0	0	20.6
Muscat of Alexandria	0	0	0	0	0.0	2	0	0	0	20.6
Muscat Ottonel	0	0	0	0	0.0	4	0	0	0	20.7
Canari Noir	0	0	0	0	0.0	12	0	0	0	20.9
Riesling	0	0	0	0	0.0	25	0	0	0	20.9
Nebbiolo	0	0	0	0	0.0	2	0	0	0	21.0
Roussanne	0	0	0	0	0.0	1	0	0	0	21.0
Gamay Noir	0	0	0	0	0.0	1	0	0	0	21.0
Marsanne	0	0	0	0	0.0	4	0	0	0	21.2
Garnacha Tintorera	0	0	0	0	0.0	100	0	0	0	100

Table 79: Shares of national winegrape area in cool, temperate, warm and hot climates, and average growing season temperature, by country, 2000 and 2016

Country	2000				2016				Hot GST (°C)
	Cool	Temp.	Warm	Hot GST (°C)	Cool	Temp.	Warm	Hot	
Algeria	0	0	0	100	21.3	0	0	100	21.3
Argentina	0	0	16	84	20.8	0	0	79	20.6
Armenia	0	0	100	0	17.8	0	0	100	0
Australia	1	4	37	58	19.8	1	10	40	19.4
Austria	0	100	0	0	15.6	13	87	0	15.5
Brazil	0	0	0	100	19.6	0	0	100	19.6
Bulgaria	0	0	100	0	18.3	0	0	100	0
Cambodia					0	0	0	100	29.0
Canada	0	100	0	0	15.1	39	61	0	0
Chile	0	12	80	8	17.8	0	8	83	9
China					0	0	100	0	18.1
Croatia	0	0	100	0	18.5	0	0	100	0
Cyprus	0	0	0	100	21.2	0	0	0	100
Czechia	0	100	0	0	15.3	4	96	0	0
Ethiopia					0	100	0	0	17.0
France	4	36	26	34	17.7	5	42	42	12
Georgia	0	100	0	0	16.6	0	100	0	0
Germany	51	49	0	0	14.9	51	49	0	0
Greece	0	0	5	95	21.3	0	0	4	96
Hungary	0	100	0	0	16.7	0	85	15	0
India					0	0	0	100	26.9
Israel	0	0	0	100	21.2	0	0	100	21.2
Italy	1	2	24	73	19.6	1	2	20	77
Japan					0	22	45	33	18.0
Kazakhstan					0	0	66	34	18.8
Korea, Rep.	0	0	0	100	19.7	0	0	0	100
Lebanon					0	0	0	100	21.7
Luxembourg	100	0	0	0	14.2	100	0	0	0
Mexico					0	0	6	94	22.2
Moldova	0	0	100	0	17.2	0	0	100	0
Morocco	0	0	0	100	20.9	0	0	0	100
Myanmar					0	0	0	100	29.6
New Zealand	7	89	4	0	16.0	10	89	1	0
N. Macedonia					0	100	0	0	16.7
Norway					100	0	0	0	11.9
Peru					0	35	0	65	18.4
Portugal	0	14	31	55	18.7	0	0	41	59
Romania	0	0	100	0	17.7	0	0	100	0
Russia	0	0	100	0	17.6	0	0	100	0
Serbia	0	0	100	0	17.3	0	14	86	0
Slovakia	0	100	0	0	15.9	0	100	0	0
Slovenia	0	100	0	0	16.8	0	53	36	12
South Africa	0	0	0	100	21.1	0	0	3	97
Spain	0	7	17	76	19.7	0	12	8	80
Switzerland	65	35	0	0	14.5	65	35	0	0
Taiwan	0	0	0	100	25.5	0	0	100	25.5
Thailand					0	0	0	100	29.1
Tunisia	0	0	0	100	22.2	0	0	100	22.2
Turkey					0	0	20	80	21.6
Ukraine					0	0	100	0	17.1
United Kingdom	100	0	0	0	13.5	100	0	0	13.5
United States	0	18	27	55	19.8	0	23	33	44
Uruguay	0	0	0	100	20.2	0	0	0	100
<b>New World</b>	<b>0</b>	<b>9</b>	<b>27</b>	<b>64</b>	<b>19.8</b>	<b>1</b>	<b>11</b>	<b>43</b>	<b>45</b>
<b>Old World</b>	<b>3</b>	<b>18</b>	<b>31</b>	<b>48</b>	<b>18.6</b>	<b>3</b>	<b>21</b>	<b>32</b>	<b>44</b>
<b>World</b>	<b>2</b>	<b>16</b>	<b>31</b>	<b>51</b>	<b>18.8</b>	<b>3</b>	<b>18</b>	<b>35</b>	<b>44</b>
									<b>18.6</b>

## **VIII. Regional Varietal Intensity Indexes for world's top varieties**

Table 80: VII's for the top 25 regions for the world's top 24 red varieties, 2000

Cabernet Sauvignon		Garnacha Tinta		Merlot		Mazuelo	
Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes
CL Metropolitana	12.51	IT Nuoro	14.16	CH Ticino	19.18	TN Tunisia	17.23
AU Limestone Coast - other	11.38	ES Zaragoza	13.72	IT Rovigo	13.07	FR Aude	14.46
CL O'Higgins	10.98	FR Vaucluse	12.61	AR General Pueyrredón	11.46	FR Herault	10.87
AR General Pueyrredón	10.96	ES Comunidad de Madrid	9.88	FR Gironde	11.44	DZ Algeria	9.57
US Yuba	10.81	ES Avila, Palencia, Salamé	9.17	AR Puelen	9.39	FR Pyrenees-Orientales	7.79
AR Calingasta	10.52	ES Huesca, Teruel	9.11	US Oregon - other	9.35	IL Israel	7.67
US Butte	10.04	ES Comunidad Foral de N.	8.33	AR Cushamen	9.17	FR Var	7.55
AU Currency Creek	9.23	US Glenn	7.92	US Marin	8.66	ES Girona, Lleida	7.27
AU Langhorne Creek	8.73	FR Bouches-du-Rhone	6.79	IT Padova	8.60	IT Cagliari	6.73
AR Santa María - Catamarca	8.69	FR Gard	6.00	IT Venezia	7.23	FR Gard	6.17
AU Lower Murray - other	8.34	ES La Rioja	5.14	IT Pordenone	7.10	FR Bouches-du-Rhone	5.48
AU Kangaroo Island	7.96	FR Var	4.95	US Trinity	7.00	FR Vaucluse	3.75
AU Hilltops	7.46	FR Rhone-Alpes except Ar	4.94	US Mariposa	6.55	ES Tarragona	3.67
AU Mount Benson	7.14	FR Pyrenees-Orientales	4.61	IT Bergamo	5.81	US Contra Costa	3.48
CL Del Maule	6.99	DZ Algeria	4.52	US Sacramento	5.66	US Placer	2.53
AU Western Victoria - other	6.79	FR Ardeche	4.49	FR Aquitaine except Gi	5.62	US Madera	2.45
AU Beechworth	6.67	US San Bernardino	4.10	US Columbia River	5.50	FR Alpes-de-Haute-Proven	2.15
US Napa	6.67	FR Alpes-de-Haute-Proven	4.06	US Washington	5.45	US Mendocino	2.07
AU Mudgee	6.12	ES Toledo	3.82	AR Añelo	5.30	FR Ardeche	2.04
AU Orange	6.10	ES Castellon	2.79	IT Udine	5.00	US Santa Clara	1.75
US San Luis Obispo	5.90	IT Sassari	2.77	AU Alpine Valleys/Bee	4.72	US San Joaquin	1.41
AU Margaret River	5.80	TN Tunisia	2.71	AR Coronel Pringles	4.58	EL Anatoliki Makedonia, I	1.36
AU Clare Valley	5.74	ES Zamora	2.67	IT Treviso	4.49	MA Morocco	1.31
M9 Missing 9	5.56	US Kings	2.61	US Tehama	4.41	US Stanislaus	1.26
AU Perricootta	5.48	FR Corse	2.45	AR El Cuy	4.22	ES Comunidad Foral de N.	1.21

Table 80 (cont.): VIIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Syrah	Bobal	Tempranillo	Monastrell
Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region
US Ventura	29.82	ES Valencia	28.76	ES Alava
AU Far North - other	28.91	ES Cuenca	20.71	ES Burgos
AU Bendigo	25.69	ES Albacete	8.84	ES Guadalajara
AU Grampians	21.60	ES Caceres	0.93	ES La Rioja
AU Kangaroo Island	20.45	ES Avila, Palencia, Sal	0.81	ES Valladolid
US Shasta	19.88	ES Huesca, Teruel	0.52	ES Zamora
AU Barossa - other	19.63	ES Zaragoza	0.52	ES Comunidad Foral de
AU McLaren Vale	18.98	ES Almeria, Granada, J	0.48	ES Castellon
AU Pyrenees	18.06	ES Alicante	0.21	AR San Carlos - Mza
AU Rutherglen	17.94	ES Illes Balears	0.20	ES Avila, Palencia, Sal
AU Australian Capital Ter	17.78	ES Castellon	0.19	AR El Cuy
AU Barossa Valley	17.67	ES Tarragona	0.08	AR Tunuyán
AU Southern NSW - other	17.65	ES Comunidad de Mad	0.04	PT Alto Tras-os-Montes
AU Northern Slopes - othe	17.18	ES Guadalajara	0.04	PT Alentejo
AU Southern Fleurieu	16.98	ES Girona, Lleida	0.04	ES Comunidad de Madri
AU Mudgee	16.33	ES Region de Murcia	0.03	ES Huesca, Teruel
AU Currency Creek	16.15	ES Toledo	0.03	ES Ciudad Real
AU Langhorne Creek	15.92	ES Alava	0.02	ES Zaragoza
AU Sunbury	15.36	ES Zamora	0.02	AR Guaymallén
AU Orange	15.15	ES Ciudad Real	0.02	ES Girona, Lleida
AU The Peninsulas	15.14	ES Comunidad Foral d	0.01	ES Illes Balears
AU Mount Lofty Ranges -	14.94	ES Valladolid	0.01	AR Maipú
AU Hilltops	14.84	ES Badajoz	0.00	AR San Martín - Mza
AU Clare Valley	14.70	ES Burgos	0.00	AR Tupungato
AU Central Victoria - othe	14.63	ES Canarias	0.00	ES Valencia

Table 80 (cont.): VIIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Sangiovese	Pinot Noir			Cabernet Franc			Cinsaut		
Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region	Varietal Indexes	
IT Siena	49.34	CH Graubünden	54.60	FR Deux-Sèvres, Vienne	28.37	DZ Algeria	25.23			
IT Firenze	46.77	CH Schaffhausen	54.50	FR Centre-Val de Loire	22.89	FR Var	16.66			
IT Rimini	45.85	CH St. Gallen	52.80	FR Pays de la Loire except M	20.87	FR Bouches-du-Rhone	9.90			
IT Arezzo	44.29	US Benton Co.	47.59	FR Corrèze, Haute-Vienne	19.41	FR Herault	9.86			
IT Prato	37.10	CH Thurgau	46.28	IT Venezia	13.08	FR Alpes-de-Haute-Provence	9.77			
IT Pistoia	36.70	CH Basel Land	45.10	FR Aquitaine except Gironde	12.64	ZA Paarl	8.63			
IT Forlì-Cesena	34.77	US Yamhill Co.	43.01	FR Gironde	10.71	FR Gard	8.57			
IT Grosseto	27.63	CH Zürich	42.71	AR Puelen	9.27	MA Morocco	8.02			
IT Pisa	27.26	CH Aargau	42.36	IT Udine	8.10	ZA Breedekloof	7.92			
IT Ascoli Piceno	25.68	DE Ahr	40.44	US Nevada	7.54	FR Ardèche	6.68			
IT Pesaro e Urbino	21.81	US Polk Co.	39.47	IT Treviso	7.42	FR Aude	5.69			
IT Lucca	19.46	CH Other regions	37.27	IT Gorizia	7.28	FR Corse	5.27			
IT Matera	19.11	US Humboldt	35.53	IT Pordenone	7.12	TN Tunisia	5.05			
IT Foggia	16.94	AR Colón - Entre Ríos	35.44	NZ Auckland	7.09	ZA Swartland	5.04			
IT Isernia	16.12	NZ Otago	34.63	BR Brazil	6.73	FR Vacluse	4.78			
IT Bari	16.11	CH Schwyz	32.14	IT Padova	6.67	EL Dytiki Makedonia	1.98			
IT Livorno	16.06	US Marion Co.	31.76	CA Canada	6.27	IT Brindisi	1.93			
FR Corse	15.88	US Valley - other	30.65	FR Midi-Pyrénées except Ger	5.58	ZA Worcester	1.93			
IT Perugia	15.16	CH Neuchâtel	30.53	AU Australian Capital Territory	5.53	EL Thessalia	1.54			
IT Macerata	10.73	US Washington Co.	28.69	IT Brescia	5.45	ZA Stellenbosch	1.53			
IT Caserta	9.73	FR Champagne-Ardenne	28.60	IT Vicenza	5.12	FR Rhône-Alpes except Ar	1.17			
IT Rieti	9.01	AU Mornington Peninsula	27.46	US New York - other	5.05	EL Kentriki Makedonia	1.15			
IT Taranto	8.79	CH Lucerne	26.53	IT Lecco	5.02	ZA Robertson	1.03			
US San Diego	8.15	US Lane Co.	25.69	IT Bergamo	4.40	CL Del Bio Bio	0.85			
IT Caltanissetta	7.47	US Josephine Co.	25.08	AU Hastings River	4.32	ZA Olifants River	0.66			

Table 80 (cont.): VIIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Gamay Noir	Alicante Henri Bouschet	Barbera	Montepulciano
Varietal Intensity Indexes	Varietal Intensity Indexes	Varietal Intensity Indexes	Varietal Intensity Indexes	Varietal Intensity Indexes
	Region	Region	Region	Region
FR Auvergne	85.30	ES Galicia	32.04	IT L'Aquila
FR Rhone-Alpes except Ardeche	65.01	DZ Algeria	13.16	IT Pescara
FR Lorraine	49.96	IT Reggio di Calabria	9.92	IT Alessandria
CH Geneva	45.01	ES Albacete	7.46	IT Piacenza
CH Valais	23.64	TN Tunisia	6.58	IT Campobasso
FR Centre-Val de Loire	18.63	ES Huesca, Teruel	5.80	IT Salerno
CH Vaud	18.15	ES Leon	5.24	IT Torino
FR Correze, Haute-Vienne	15.32	CL OHiggins	5.24	AR Andalgalá
FR Bourgogne	14.77	US San Bernardino	5.17	IT Isernia
FR Deux-Sevres, Vienne	14.70	FR Herault	5.17	IT Milano
US San Benito	9.60	IT Catania	4.87	IT Bari
FR Midi-Pyrenees except Gers	8.82	CL Del Maule	4.87	IT Ancona
FR Pays de la Loire except Maye	7.47	US Tulare	4.48	IT Foggia
FR Ardeche	7.12	FR Aude	3.93	IT Lodi
US Solano	5.86	PT Alentejo	3.92	IT Biella
IT Valle d'Aosta	5.57	FR Gard	3.75	IT Varese
CA Canada	4.01	CL Metropolitana	3.92	IT Cuneo
US Monterey	2.42	MA Morocco	3.75	IT Macerata
US San Diego	2.12	FR Bouches-du-Rhone	3.54	IT Taranto
US Tehama	1.99	ES Alicante	3.12	IT Pesaro e Urbino
US Lake	1.92	ES Castellon	3.02	IT Rieti
CH Fribourg	1.83	US Kings	2.96	IT Caserta
IT Perugia	1.13	ES Zamora	2.82	IT Parma
US Mendocino	1.11	CL Coquimbo	2.73	IT Benevento
FR Franche Comté	1.09	US Fresno	2.30	IT Frosinone

Table 80 (cont.): VII<sub>s</sub> for the top 25 regions for the world's top 24 red varieties, 2000

	Isabella	Tribidrag	Côt	Criolla Grande
Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region
AR Colón - Entre Ríos	58.51	US Colusa	154.88	AR Godoy Cruz
BR Brazil	48.14	US Amador	130.97	AR Molinos
MD Moldova	22.59	US San Bernardino	92.58	AR Totoral
AR Totoral	18.62	US Butte	82.03	AR San Carlos - Mza
M9 Missing 9	3.71	US San Joaquin	64.77	AR Luján de Cuyo
US Finger Lakes	0.76	IT Taranto	62.44	AR Añelo
		US Placer	61.91	AR Calingasta
US Contra Costa	54.15	AR Tunuyán	42.19	AR Godoy Cruz
US El Dorado	46.96	AR Maipú	41.85	AR Lavalle
US Sutter	45.43	AR Castro Barros	40.42	AR Vinchina
US Glenn	44.52	FR Midi-Pyrenees except	37.69	AR La Paz
US Mariposa	35.70	AR Coronel Pringles	37.30	AR Capital San Juan
US Calaveras	28.46	AR Guaymallén	35.02	AR Guaymallén
US Mendocino	25.31	AR Adolfo Alsina	33.72	AR Las Heras
US Ventura	22.72	AR Tupungato	33.33	AR El Cuy
US San Luis Obispo	21.58	AR Cafayate	32.66	AR San Blas De Los Sauces
US Lake	21.44	AR Santa María - Catama	27.69	AR Iglesia
US Kings	19.45	AR Poman	25.26	AR Confluencia
US Sonoma	19.42	AR San Carlos - Salta	23.23	AR Maipú
US Sacramento	16.45	AR El Cuy	22.32	AR Jachal
US Stanislaus	15.51	AR Jachal	22.22	AR Luján de Cuyo
US Merced	15.23	AR Junín - Mza	22.11	AR Veinticinco de Mayo - S
US Alameda	14.97	AR General Roca	19.84	AR Avellaneda - Río Negro
IT Bari	14.93	AR Belén	17.59	AR Sarmiento - San Juan
US Kern	14.66	AR Rivadavia - Mza	16.98	AR Caucete

Table 80 (cont.): VIIIs for the top 25 regions for the world's top 24 red varieties, 2000

Pamid	Douce Noire			Negroamaro			Doukkali		
Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region	Varietal Indexes
BG Bulgaria	50.61	AR Capital San Juan	63.42	IT Lecce	242.71	MA Morocco	98.54		
EL Dytiki Makedonia	1.92	IT Varese	44.13	IT Brindisi	162.06				
HU Hungary	0.30	IT Pavia	40.15	IT Taranto	15.86				
		AR Lavalle	34.34	IT Matera	1.99				
		AR Santa Rosa - Mza	33.24	IT Reggio di Calabria	1.05				
		AR Tupungato	33.03	IT Cosenza	0.52				
		AR La Paz	31.23	IT Potenza	0.41				
		AR San Rafael	29.83	IT Enna	0.28				
		AR San Martín - Mza	28.17	IT Agrigento	0.25				
		AR Rivadavia - Mza	26.58	IT Messina	0.22				
		AR Castro Barros	26.02	IT Asti	0.18				
		AR Chilecito	24.34	IT Cuneo	0.15				
		AR Las Heras	23.11	IT Catania	0.13				
		AR General Alvear	22.22	IT Bari	0.10				
		IT Biella	21.56	IT Salerno	0.08				
		AR Guaymallén	21.43	IT Valle d'Aosta	0.06				
		AR Sarmiento - San Jua	20.61	IT Foggia	0.05				
		AR Junín - Mza	19.96	IT Catanzaro	0.04				
		IT Parma	18.38	IT Pavia	0.04				
		IT Lodi	16.82	IT Torino	0.03				
		AR Maipú	15.74	IT Pordenone	0.03				
		AR Confluencia	14.92	IT Casertia	0.02				
		AR Nueve de Julio	14.40	IT Nuoro	0.02				
		AR Luján de Cuyo	13.98	IT Campobasso	0.02				
		AR Chimbás	12.84	IT Trento	0.02				

Table 81: VII's for the top 25 regions for the world's top 24 red varieties, 2016

Cabernet Sauvignon			Merlot			Tempranillo			Syrah		
Region	Varietal Indexes	Region	Varietal Indexes	Region	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region
AR Tumbaya	9.62	AR Nogoya	16.83	ES País Vasco		17.43	AU Eastern Plains, Inla	24.74			
US Red Mountain	9.18	AR Norquin	14.02	ES La Rioja		16.14	AU Southern Flinders R	19.94			
AU Coonawarra	8.92	CH Graubünden - Mesolcina	13.84	ES Comunidad Foral de Nav		10.55	AU Grampians	17.07			
EL Ipeiros	7.92	CH Ticino	13.46	ES Castilla y León		9.80	AU Central Victoria - o	16.71			
US Walla Walla Valley	7.66	AR Bariloche	9.35	AR Valle Viejo		5.84	AU Gundagai	15.41			
US Columbia Valley	7.61	FR Aquitaine	8.53	ES Extremadura		5.47	AU Heathcote	15.33			
CL Metropolitana	7.51	US Shasta	8.15	PT Alentejo		3.74	AU Barossa Valley	14.98			
AR Daireaux	7.22	AR Picunches	7.99	ES Aragón		3.56	AU Barossa - other	14.77			
US Butte	6.88	AR Cushman	6.80	ES Castilla-La Mancha		3.41	AU Mount Lofty Range	14.02			
US Wahluke Slope	6.85	AR Uruguay	5.61	ES Comunidad Valenciana		2.39	AU McLaren Vale	13.64			
US Napa	6.35	US Suffolk	5.42	AR Junín - San Luis		2.25	AU Fleurieu - other	13.16			
AU Wrattonbully	6.31	AR El Cuy	5.42	US Hill Country		2.10	AU Bendigo	12.96			
US Horse Heaven Hills	6.23	US Rattlesnake Hills	5.32	US North Texas (DFW)		2.05	AU Far North - other	12.37			
AU Robe	5.88	BG South Central	5.14	US Sutter		1.95	AR Valle Fértil	12.37			
AU Limestone Coast - ot	5.80	US Wahluke Slope	4.63	AR San Carlos - Mza		1.86	AU Queensland - other	11.33			
CL O'Higgins	5.76	US Snipes Mountain	4.54	US West Texas		1.86	AU North East Victoria	11.26			
AU Northern Slopes	5.75	AR Humahuaca	4.21	PT Norte		1.70	AU North West Victoria	11.14			
US Lake	5.71	AR Saavedra	4.21	MX Baja California		1.63	US Ventura	10.86			
AR Santa María - Catama	5.28	AU New England Australia	4.15	US Texas High Plains and P		1.52	TR Central North	10.74			
AR El Carmen	5.12	AU Western Plains	3.83	PT Lisboa		1.45	AU Glenrowan	10.58			
US San Luis Obispo	5.08	NZ Hawkes Bay	3.80	PT Centro		1.43	AU Pyrenees	9.76			
AU Langhorne Creek	4.90	AU South West Australia - o	3.78	AR La Paz		1.19	AU Currency Creek	9.66			
AU Southern NSW - othe	4.89	US Humboldt	3.59	ES Comunidad de Madrid		1.17	MM Myanmar	9.54			
AR Uruguay	4.81	AR Villarino	3.56	ES Cataluña		1.10	AU Langhorne Creek	9.53			
US Los Angeles	4.79	JP Niigata	3.50	AR San Martín - Mza		1.03	AU Hunter Valley - oth	9.51			

Table 81 (cont.): VIIIs for the top 25 regions for the world's top 24 red varieties, 2016

Garnacha Tinta			Pinot Noir			Sangiovese			Bobal		
Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes
ES Aragón	11.93	US Marin	33.12	IT Toscana	39.61	ES Comunidad Valenciana	33.43				
FR Provence-Alpes-Côte d'Azur	10.76	AR Collon Cura	32.96	ET Ethiopia	32.47	ES Castilla-La Mancha	6.18				
IT Sardegna	8.48	NZ Otago	32.73	IT Umbria	12.99	ES Aragón	0.26				
DZ Algeria	7.20	US Umpqua Valley	32.41	FR Corse	12.88	ES Extremadura	0.11				
ES Comunidad de Madrid	6.96	CH Graubünden - otte	31.58	IT Marche	12.26	ES Illes Balears	0.08				
ES Comunidad Foral de Navarra	5.05	US North Willamette	31.23	IT Puglia	10.79	ES Comunidad de Madrid	0.03				
FR Rhône Alpes	4.91	CH Schaffhausen	28.15	US Tuolumne	9.04	ES Andalucía	0.01				
US Glenn	4.65	CH Glarus	27.79	AU Central Western Australia	7.66	ES Castilla y León	0.01				
FR Languedoc Roussillon	4.23	DE Ahr	26.79	IT Basilicata	5.47	ES Región de Murcia	0.01				
AU Central Western Australia	4.12	CH St. Gallen	26.37	AR Colón - Entre Ríos	4.36	ES Comunidad Foral de Navarra	0.01				
ES La Rioja	3.07	US South Willamette	26.35	IT Emilia-Romagna	4.15	ES Canarias	0.00				
US Kings	2.85	CH Basel Land	23.84	US Mariposa	3.64						
FR Corse	2.75	CH Aargau	23.59	US San Diego	3.60						
US Tehama	2.64	CH Neuchâtel	23.07	IT Campania	3.34						
AU Perth Hills	2.30	CH Basel Stadt	23.00	AR Pichi Mahuida	3.25						
ES Castilla y León	2.25	CH Thurgau	22.98	AR Coronel Suárez	3.23						
ES Cataluña	2.15	AR Sarmiento - Chubut	22.82	US Texas High Plains and Panhandle	3.18						
AU McLaren Vale	1.92	US Puget Sound	22.47	IT Lazio	3.12						
AU Barossa Valley	1.74	US Santa Cruz	22.23	AU Beechworth	3.07						
US San Bernardino	1.63	CH Zürich	22.07	US Riverside	3.05						
MX Baja California	1.46	FR Île de France	21.25	AR General Roca	3.01						
ES Castilla-La Mancha	1.39	NZ Wairarapa	21.22	IT Liguria	2.98						
TN Tunisia	1.34	CH Appenzell Ausserrhein	21.00	US Los Angeles	2.93						
MA Morocco	1.34	CH Uri	20.90	AU Kangaroo Island	2.70						
US Fresno	1.19	AU Mornington Peninsula	20.59	IT Molise	2.66						

Table 81 (cont.): VII for the top 25 regions for the world's top 24 red varieties, 2016

	Cabernet Franc	Côt	Monastrell	Mazuelo
Region	Varietal Indexes	Varietal Region	Varietal Region	Varietal Region
	Varietal Intensity Indexes	Varietal Intensity Region	Varietal Intensity Region	Varietal Intensity Region
AR Gualeguaychu	39.99	AR General Belgrano	85.83	ES Región de Murcia
AR Tornquist	31.47	AR Godoy Cruz	85.83	ES Comunidad Valenciana
FR Centre-Val de Loire	20.50	AR Benito Juárez	85.83	US Contra Costa
FR Pays de la Loire	20.12	AR Villa Gesell	85.83	AU Barossa - other
BR Brazil	16.46	AR De La Costa	77.32	ES Illes Balears
UY Artigas	15.55	AR Cachi	64.92	US Texas High Plains and Pa
UY Rocha	13.33	AR Punilla	61.88	FR Provence-Alpes-Côte d'A
AR Victoria	11.43	AR Diamante	59.60	ES Castilla-La Mancha
HU Villány	10.66	AR Molinos	57.36	US El Dorado
US Virginia	9.63	AR Chos Malal	54.75	US Placer
AR Punilla	9.30	AR La Viña	53.85	AU Swan Hill (VIC)
AR Tilcara	8.82	AR San Carlos - Mza	53.05	US Hill Country
US Nevada	8.69	AR Humahuaca	48.28	US Ventura
HU Szekszárd	8.51	AR Luján de Cuyo	45.75	AU Barossa Valley
US Suffolk	8.43	AR Tilcara	44.60	AU Adelaide Plains
FR Limousin	7.20	AR Pehuenches	44.30	AU Limestone Coast - other
FR Aquitaine	6.72	AR Tunuyán	43.01	FR Languedoc Roussillon
UY San José	6.33	AR Junín - Bs. As.	42.91	AU Peel
US Kentucky	6.18	AR Ayacucho	42.07	AU Granite Belt
AU Kangaroo Island	6.07	AR San Alberto	41.05	AR Chos Malal
CA Ontario	5.96	AR Calamuchita	38.25	AU Heathcote
US Colorado	5.86	AR San Javier	37.91	AU Western Victoria - other
US Lake Chelan	5.56	AR Coronel Pringles	37.32	US Calaveras
US Placer	5.56	AR Picunches	37.23	US Mariposa
UY Colonia	5.36	AR Picún Leufú	35.76	ZA Swartland

Table 81 (cont.): VII for the top 25 regions for the world's top 24 red varieties, 2016

<b>Alicante Henri Bouschet</b>				<b>Tribidrag</b>				<b>Montepulciano</b>				<b>Gamay Noir</b>			
<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	
ES Galicia	21.79	US San Bernardino	98.04	IT Molise	80.73	FR Auvergne	83.62								
AR Poman	17.71	US Amador	78.78	IT Abruzzo	79.36	FR Rhône Alpes	55.76								
AR Santa María - Cba	9.47	US Colusa	71.86	IT Marche	26.13	CH Geneva	42.91								
PT Alentejo	8.79	US Sutter	38.07	IT Puglia	13.19	FR Lorraine	37.27								
CL OHiggins	8.18	US San Joaquin	35.09	IT Lazio	5.29	TR Marmara	22.43								
TR Aegean	8.06	US Tehama	31.83	US Hill Country	4.67	CH Valais	21.20								
CL Del Maule	7.01	US Mariposa	31.82	IT Basilicata	3.84	CH Vaud	17.45								
TN Tunisia	6.50	US Contra Costa	30.63	AR Ultium	2.98	FR Centre-Val de Lo:	14.38								
MA Morocco	6.50	US El Dorado	29.64	AR Ischilin	2.77	FR Bourgogne	10.92								
CL Metropolitana	4.98	US Glenn	26.43	IT Campania	2.71	FR Pays de la Loire	7.34								
US Riverside	3.57	US Placer	26.36	IT Emilia-Romagna	2.00	RS Toplica	6.31								
ES Castilla-La Mancha	3.57	IT Puglia	19.16	US Texas High Plain:	1.67	IT Valle d'Aosta	6.26								
ES Región de Murcia	3.40	US Butte	18.03	IT Umbria	1.48	FR Midi Pyrénées	5.04								
CL Coquimbo	3.15	US Stanislaus	17.53	IT Sardegna	1.34	FR Limousin	4.68								
PT Lisboa	2.97	US Kings	16.82	NZ Auckland	0.91	RS Negotinska Krajiv	4.59								
PT Centro	2.63	US Mendocino	15.58	US Riverside	0.88	CA Ontario	4.31								
US Tulare	2.21	US Calaveras	14.97	US Marin	0.84	CA Other regions	3.23								
ES Comunidad Valenciana	1.96	US Tuolumne	14.80	IT Toscana	0.74	US Solano	2.90								
AR Calingasta	1.71	US Trinity	14.35	AR Veinticinco de M	0.62	CA British Colombia	2.86								
AR Zonda	1.37	US Nevada	12.96	IT Liguria	0.55	AU Beechworth	2.20								
PT Norte	1.34	US Sonoma	11.83	US San Diego	0.55	SI Bela Krajiná	2.05								
US Merced	1.31	US Merced	11.72	AR San Martín - San	0.51	CH Fribourg	1.99								
PT Algarve	1.19	US Fresno	11.01	AU Queensland - othe	0.51	FR Franche Comté	0.84								
FR Languedoc Roussillon	1.10	US San Luis Obispo	10.43	IT Valle d'Aosta	0.47	US Lake	0.81								
AR Santa Lucía	0.97	US Tulare	10.39	IT Calabria	0.46	US Calaveras	0.48								

Table 81 (cont.): VIIIs for the top 25 regions for the world's top 24 red varieties, 2016

	Cinsaut	Carmenère	Douce Noire	Barbera
Region	Varietal Indexes	Varietal Region	Varietal Region	Varietal Region
TR Marmara	48.37	CL O'Higgins	25.49	IT Piemonte
MA Morocco	36.01	CL Metropolitana	13.78	AR Andalgalá
TN Tunisia	36.01	CN China	12.55	AR Ischilin
FR Provence-Alpes-Côte d'Azur	13.86	CL Del Maule	11.97	IT Lombardia
CL Del Bio Bio	12.83	CL Valparaíso	4.61	AR La Paz
ZA Paarl	8.10	AR Tandil	2.83	AR Lavalle
ZA Breedekloof	8.08	CL Del Bio Bio	2.75	AR Santa Rosa - Mza
FR Languedoc Roussillon	6.75	CL Coquimbo	2.05	AR Castro Barros
FR Corse	4.93	CL Tarapaca	1.90	AR Junín - San Luis
ZA Swartland	4.18	AR Chilecito	0.83	AR Sam Martín - Mza
US Texas High Plains and Panhandle	2.91	IT Sardagna	0.81	AR San Rafael
ZA Worcester	2.82	IT Lazio	0.73	AR Las Heras
AU Rutherglen	1.97	IT Veneto	0.56	AR Rivadavia - Mza
US Riverside	1.81	IT Molise	0.50	AR General Alvear
FR Rhône Alpes	1.58	IT Basilicata	0.49	AR Guaymallén
ZA Robertson	1.38	IT Friuli-Venezia Giulia	0.46	AR Chilecito
ZA Stellenbosch	1.31	AU Granite Belt	0.29	AR Sarmiento - San Juan
ZA Olifants River	0.57	US Madera	0.22	AR Capital San Juan
US Santa Clara	0.39	AU Heathcote	0.22	AR Junín - Mza
US Contra Costa	0.33	AR Luján de Cuyo	0.21	AR Tupungato
EL Kentriki Makedonia	0.28	CL Atacama	0.19	AR Santa María - Cba
US Calaveras	0.27	US Riverside	0.18	AR Rivadavia - San Juan
ZA Cape South Coast	0.16	AU Beechworth	0.15	AR San Javier
CL Del Maule	0.16	IT Umbria	0.15	AR Nueve de Julio
US Santa Barbara	0.13	AU Swan Hill (VIC)	0.15	AR Maipú
				17.41 US Nevada

Table 81 (cont.): VII<sub>s</sub> for the top 25 regions for the world's top 24 red varieties, 2016

	<b>Isabella</b>	<b>Blaufränkisch</b>	<b>Criolla Grande</b>	<b>Pinot Meunier</b>
<i>Region</i>	<i>Varietal Indexes</i>	<i>Varietal Region</i>	<i>Varietal Indexes</i>	<i>Varietal Region</i>
				<i>Varietal Intensity Indexes</i>
BR Brazil	88.41	AT Mittelburgenland	141.92	FR Picardie
UY Tacuarembo	64.99	HU Sopron	139.50	FR Île de France
RU Crimea	12.00	AT Südburgenland	97.97	FR Champagne-Ardenne
UA Ukraine	12.00	PE Lima	85.32	DE Württemberg
MD Moldova	10.57	HU Szekszárd	70.94	UK United Kingdom
UY Paysandú	9.44	SK Východné Slovensko	64.24	AU Henty
UY Canelones	4.54	HU Csongrád	62.26	AU Tumbarumba
UY Montevideo	3.10	AT Neusiedlersee Hügell	61.83	AU Southern Highlands
RU Krasnodar Krai	1.92	HU Hajos-bajai	54.02	DE Baden
AU Alpine Valleys	1.57	SI Bela Krajiná	51.93	DE Franken
UY San Jose	1.28	SI Bizeljsko Sremic	51.15	CL De Los Lagos
UY Maldonado	0.77	HU Eger	50.34	AU King Valley
UY Colonia	0.48	HU Bukk	49.31	AU Strathbogie Ranges
CH Ticino	0.32	SI Dolenjska	48.01	AU Tasmania
AU Riverina	0.18	SK Stredné Slovensko	46.17	CA Nova Scotia
CH Graubünden - Mesol.	0.03	SK Západné Slovensko	42.77	DE Pfalz
AU Margaret River	0.00	DE Württemberg	38.81	AU Yarra Valley
		HU Tolna	35.85	DE Sachsen
		HU Kunság	29.58	DE Grampians
		AT Neusiedlersee	28.36	AU Pyrenees
		SK Bratislavský kraj	26.74	FR Centre-Val de Loire
		HU Villány	26.28	NZ Hawkes Bay
		AT Carnuntum	24.11	FR Pyrenees
		CZ Morava	23.37	FR Centre-Val de Loire
		CZ Jihovýchod	22.79	NZ Hawkes Bay

Table 82: VIIIs for the top 25 regions for the world's top 24 white varieties, 2000

Airén		Chardonnay		Trebbiano Toscano		Graševina	
Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes
ES Ciudad Real	10.40	CL Araucania	33.60	FR Charente	34.36	RS Serbia	25.42
ES Toledo	9.27	US Santa Barbara	21.12	FR Charente-Maritime	32.94	ES Caceres	16.34
ES Cuenca	5.45	US Santa Cruz	20.88	US Los Angeles	15.45	HR Croatia	14.30
ES Comunidad de Madrid	4.74	US Riverside	19.84	FR Gers	12.63	SK Slovakia	13.24
ES Albacete	4.36	US Tehama	19.64	IT Pisa	10.02	AT Steiermark	11.23
ES Guadalajara	4.31	US Shasta	19.60	IT Terni	9.63	SI Slovenia	8.05
ES Almería, Granada, Jaén,	0.65	US Yolo	19.19	IT Latina	9.36	AT Burgenland	7.19
ES Region de Murcia	0.63	US San Mateo	17.87	IT Chieti	8.99	IT Pavia	6.56
ES Málaga	0.45	US Sutter	16.80	IT Viterbo	8.94	CZ Czechia	5.82
ES Córdoba	0.34	US Monterey	16.75	IT Roma	8.43	HU Hungary	4.07
ES Alicante	0.09	NZ Gisborne	16.25	IT Foggia	8.21	RO Romania	3.58
ES Huelva	0.02	AU Tumbarumba	15.51	IT Livorno	8.18	AT Niederösterreich	2.86
ES Cáceres	0.02	FR Franche Comté	15.25	IT Lucca	7.09	AT Wien and other regions	2.54
ES Badajoz	0.02	FR Bourgogne	14.63	IT Pistoia	7.03	BG Bulgaria	1.99
ES Canarias	0.01	CL Valparaíso	14.03	IT Grossotto	6.91	IT Lecco	1.49
ES Valencia	0.01	US Alameda	12.99	IT Perugia	6.42	IT Milano	1.14
ES Zamora	0.01	US Santa Clara	12.65	IT Prato	6.11	BR Brazil	0.88
ES Zaragoza	0.01	AU Hunter Valley - other	12.53	IT Arezzo	5.04	IT Rovigo	0.40
ES Valladolid	0.00	AU Cowra	11.92	IT Agrigento	4.96	ES Badajoz	0.37
ES Castellón	0.00	AU Hunter	11.80	IT Firenze	4.21	IT Gorizia	0.37
ES Burgos	0.00	US Sacramento	11.79	IT Frosinone	3.85	IT Bologna	0.26
ES Ávila, Palencia, Salamanca	0.00	US Nevada	11.50	IT Ascoli Piceno	3.80	IT Piacenza	0.24
ES Girona, Lleida	0.00	US Sonoma	11.40	IT Benevento	3.71	IT Venezia	0.23
ES Comunidad Foral de Navarra	0.00	US Mendocino	11.26	IT Palermo	3.52	IT Pordenone	0.16
ES La Rioja	0.00	US Solano	11.15	IT Campobasso	3.36	IT Padova	0.15

Table 82 (cont.): VIIIs for the top 25 regions for the world's top 24 white varieties, 2000

Rkatsiteli	Sauvignon Blanc				Cayetana Blanca				Catarratto Bianco			
	Region	Varietal Indexes	Varietal Intensity	Region	Region	Varietal Indexes	Varietal Intensity	Region	Region	Varietal Indexes	Varietal Intensity	Region
GE Georgia	38.28	NZ Marlborough	35.16	ES Badajoz		59.18	IT Trapani			61.30		
RU Russia	16.94	EL Anatoliki Makedon	23.38	ES Caceres		1.48	IT Palermo			53.74		
AM Armenia	15.99	FR Centre-Val de Loire	19.12	ES Zaragoza		1.16	IT Agrigento			17.29		
M9 Missing 9	9.54	NZ Nelson	17.43	AU Riverland		0.87	IT Catania			3.13		
MD Moldova	9.29	US Yuba	16.11	AU Mount Lofty Ranges		0.50	IT Messina			2.67		
BG Bulgaria	7.13	US Lake	16.00	AU Big Rivers - other		0.35	IT La Spezia			1.64		
RO Romania	0.17	NZ Waipara	14.38	ES Malaga		0.33	IT Caltanissetta			1.63		
		AU Western Australia S	12.66	AU Murray Darling (NSV)		0.27	IT Sassari			0.63		
		NZ Wairarapa	11.70	AU Swan District		0.12	IT Genova			0.62		
		NZ Waikato	10.05	AU Murray Darling (VIC)		0.12	IT Imperia			0.48		
		US Calaveras	9.61	AU Riverina		0.11	IT Massa-Carrara			0.24		
		IT Gorizia	9.52	AU Adelaide Hills		0.09	IT Savona			0.22		
		FR Deux-Sevres, Vien	9.26	ES Valladolid		0.07	IT Napoli			0.12		
		AU Adelaide Hills	8.92	ES Guadalajara		0.04	IT Valle d'Aosta			0.08		
		AU Mount Benson	8.54	AU Hilltops		0.02	IT Oristano			0.08		
		NZ Hawkes Bay	8.47	AU Swan Hill (VIC)		0.02	IT Cagliari			0.08		
		IT Lecco	8.25	AU Barossa Valley		0.02	IT Brescia			0.07		
		US Mariposa	8.04	AU Langhorne Creek		0.01	IT Caserta			0.06		
		AU Margaret River	7.92	ES Zamora		0.01	IT Pistoia			0.06		
		CL Valparaiso	7.89	ES Avila, Palencia, Salamanca		0.01	IT Campobasso			0.06		
		CL Del Maule	7.83	ES Ciudad Real		0.00	IT Torino			0.06		
		AU Greater Perth - other	7.65	AU McLaren Vale		0.00	IT Pisa			0.06		
		ZA Stellenbosch	7.59	ES Cuenca		0.00	IT Lucca			0.05		
		AU Pyrenees	7.30	ES Canarias		0.00	IT Cosenza			0.05		
		MD Moldova	6.81	ES Galicia		0.00	IT Matera			0.05		

Table 82 (cont.): VII's for the top 25 regions for the world's top 24 white varieties, 2000

	Macabeo	Chenin Blanc	Riesling	Colombard
Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region
ES Tarragona	33.42	ZA Olifants River	37.56	DE Rheingau
ES Girona, Lleida	24.52	ZA Worcester	31.98	DE Mittelrhine
ES Barcelona	24.21	ZA Swartland	30.64	DE Hessische Bergstraße
ES Zaragoza	20.55	ZA Breedekloof	30.27	DE Mosel
ES La Rioja	14.92	ZA Northern Cape	28.88	DE Nahe
ES Huesca, Teruel	14.90	ZA Paarl	28.04	AU Eden Valley
ES Alava	13.13	US Sutter	26.79	DE Würtemberg
FR Pyrenees-Orientales	12.41	ZA Little Karoo	22.90	FR Alsace
ES Castellon	9.35	AR San Javier	20.67	NZ Canterbury
ES Valladolid	7.37	FR Deux-Sevres, Vienne	20.62	DE Pfalz
ES Comunidad Foral de El Cuy	7.31	ZA Robertson	17.80	US Columbia River
AR El Cuy	3.56	AU Perth Hills	17.32	NZ Nelson
ES Valencia	1.62	FR Centre-Val de Loire	16.91	DE Sachsen
ES Illes Balears	1.57	FR Pays de la Loire except	15.19	US Michigan
ES Badajoz	1.52	AR San Alberto	15.08	NZ Waipara
ES Albacete	1.31	AU Swan District	13.87	US Yuba
FR Aude	0.63	US Kern	13.09	AU Clare Valley
ES Burgos	0.62	US Madera	12.57	LU Luxembourg
ES Cuenca	0.58	ZA Stellenbosch	12.01	US Douglas Co.
ES Caceres	0.33	AU Greater Perth - other	10.91	AT Wien and other regions
ES Guipuzcoa, Vizcaya	0.27	US Fresno	10.68	AU Henty
ES Avila, Palencia, Salamanca	0.21	US Stanislaus	10.59	AU Canberra District
ES Region de Murcia	0.20	US Merced	9.64	US Washington Co.
ES Almeria, Granada, Jaén	0.15	AU Central Western Austr.	6.76	US Washington
ES Ciudad Real	0.13	US Tulare	6.51	US Humboldt
				11.41 ZA Swartland
				31.86 FR Gers
				25.74
				29.12 US Glenn
				28.28 ZA Little Karoo
				32.15
				63.04 US Kern
				61.84 US Fresno
				30.27 DE Mosel
				30.64 DE Hessische Bergstraße
				31.98 DE Mittelrhine
				40.20 US Madera
				83.35 US Madera
				66.60 ZA Northern Cape

Table 82 (cont.): VIIIs for the top 25 regions for the world's top 24 white varieties, 2000

	<b>Aligoté</b>	<b>Müller-Thurgau</b>			<b>Palomino Fino</b>			<b>Muscat Blanc à Petits Grains</b>			
	Varietal Intensity Indexes	Varietal Intensity Indexes	Region	Varietal Intensity Indexes	Region	Varietal Intensity Indexes	Region	Varietal Intensity Indexes	Region	Varietal Intensity Indexes	Region
MD Moldova	24.08	CH Lucerne	75.82	ES Cadiz		161.52	EL Voreio Aigaio			140.32	
M9 Missing 9	11.81	DE Franken	59.00	ES Canarias		83.26	IT Cuneo			43.29	
FR Bourgogne	7.78	CH Other regions	57.87	ES Cantabria		77.25	IT Asti			34.83	
RO Romania	4.69	LU Luxembourg	49.57	ES Leon		28.70	EL Anatoliki Makedonia			31.43	
RU Russia	4.43	CH Aargau	47.31	ES Galicia		22.75	US Los Angeles			21.75	
BG Bulgaria	2.37	CH Schwyz	45.33	ES Valladolid		19.98	IT Alessandria			17.32	
CH Geneva	1.81	CH Zürich	40.32	ES Zamora		19.19	FR Pyrenees-Orientales			12.97	
FR Auvergne	0.76	CH Thurgau	39.82	AR Puelen		13.85	IT Padova			10.30	
GE Georgia	0.36	DE Baden	39.21	US San Bernardino		7.74	IT Matera			9.18	
FR Rhone-Alpes except Ardeche	0.13	DE Sachsen	33.81	NZ Waikato		6.52	IT Pavia			8.56	
CH Vaud	0.04	DE Saale	32.52	ES Almeria, Granada, Ja		6.38	US San Diego			8.02	
CH Valais	0.03	DE Rheinhessen	30.94	NZ Auckland		5.52	AM Armenia			7.66	
FR Alpes-de-Haute-Provence, H:	0.01	DE Mosel	30.15	ES Principado de Asturit		3.34	IT Sassari			6.22	
FR Gard	0.00	DE Nahe	29.03	US Riverside		3.32	IT Potenza			5.43	
FR Bouches-du-Rhone	0.00	DE Pfalz	25.77	ES Huelva		3.05	ZA Robertson			5.26	
FR Centre-Val de Loire	0.00	CH Schaffhausen	25.61	US Contra Costa		2.42	FR Corse			4.63	
FR Herault	0.00	CH Jura	24.96	FR Gers		2.37	AT Steiermark			4.26	
FR Vaucluse	0.00	CH Basel Land	24.09	ES Avila, Palencia, Salai		1.80	IT Salemo			4.01	
FR Midi-Pyrénées except Gers	0.00	CH St. Gallen	21.19	US Madera		1.32	ZA Little Karoo			3.59	
FR Ardeche	0.00	CZ Czechia	20.38	AU Lower Murray - othe		1.28	EL Dytiki Ellada			3.72	
FR Pays de la Loire except Maye	0.00	SK Slovakia	17.47	ES Malaga		1.14	IT Bari			3.40	
FR Charente	0.00	NZ Gisborne	16.92	AU Beechworth		0.97	FR Rhone-Alpes except			3.44	
DE Hessische Bergstraße	15.96	US Fresno				0.93	IT Bergamo			3.32	
AT Steiermark	15.55	AR San Rafael				0.84	IT Parma			3.28	
CH Graubünden	12.02	AR Las Heras				0.77	IT Piacenza				

Table 82 (cont.): VIIIs for the top 25 regions for the world's top 24 white varieties, 2000

<b>Muscat of Alexandria</b>		<b>Sémillon</b>		<b>Fetească Albă</b>		<b>Grüner Veltliner</b>	
<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>	<i>Region</i>	<i>Varietal Indexes</i>
AR Poman	67.68	AU Northern Rivers -	33.92	RO Romania	16.81	AT Niederösterreich	100.43
AR Zonda	60.07	AU Hunter	33.88	MD Moldova	9.89	AT Wien and other regions	59.08
AR Rivadavia - San Juan	57.23	FR Aquitaine except '	31.68	SK Slovakia	4.10	SK Slovakia	39.34
AR Albardón	52.53	AU Riverina	29.83	HU Hungary	2.29	AT Burgenland	38.96
AR Chimbas	38.66	AR Confluencia	28.75	CZ Czechia			31.06
AR Ischilin	36.76	AU Hunter Valley - o!	28.47	HU Hungary			3.18
AR Capital San Juan	34.48	AU Hastings River	27.60	IT Pescara			3.02
US Kings	32.75	AU Margaret River	23.57	IT La Spezia			0.88
AR Ullum	26.60	AR Conesa	23.52	IT Oristano			0.82
ES Malaga	24.53	AR El Cuy	23.38	IT Bolzano-Bozen			0.57
ZA Little Karoo	23.31	AU Southern Fleurieu	20.59	AT Steiermark			0.35
AR Veinticinco de Mayo	21.19	AU Barossa Valley	19.22	IT Genova			0.21
ZA Breedekloof	18.74	AU Southern NSW - c	17.02	IT Sassari			0.19
AR Santa Lucía	16.93	AU South Coast - oth	15.04	IT Cagliari			0.14
AR Caucete	15.93	AU Cowra	14.17	IT Chièti			0.14
AR Angaco	15.78	AU Northern Slopes -	14.16	IT Viterbo			0.11
ZA Olifants River	15.64	FR Gironde	13.90	IT Frosinone			0.11
US Tulare	15.26	AU Fleurieu - other	13.63	IT Latina			0.10
ES Alicante	14.87	AU Big Rivers - other	12.11	IT Imperia			0.10
AR San Martín - San Juá	14.82	AU South Burnett	11.54	IT Foggia			0.05
ZA Northern Cape	14.70	AU Mudgee	11.06	IT Teramo			0.05
AR Ayacucho	14.06	AU Hilltops	10.92	IT Sondrio			0.03
AR Chilecito	13.78	AU Clare Valley	10.39	IT Ancona			0.03
AR Sarmiento - San Juan	12.61	AR Adolfo Alsina	10.23	IT Ascoli Piceno			0.02
AR Nueve de Julio	12.56	AU Sunbury	10.21	IT Nuoro			0.02

Table 82 (cont.): VII for the top 25 regions for the world's top 24 white varieties, 2000

Trebbianio Romagnolo			Pedro Ximénez			Pinot Blanc			Garganega		
Region	Varietal Indexes	Varietal Region	Intensity Indexes	Varietal Region	Intensity Indexes	Region	Varietal Indexes	Varietal Region	Intensity Indexes	Region	Varietal Indexes
IT Ravenna	190.79	ES Cordoba	269.73	AT Steiemark	49.85	IT Verona	104.04				
IT Ferrara	128.58	CL Coquimbo	56.71	AT Wien and other region:	36.86	IT Vicenza	97.53				
IT Bologna	92.07	CL Atacama	56.10	DE Sachsen	36.68	IT Trapani	22.66				
IT Forli-Cesena	86.69	ES Malaga	31.01	DE Saale	31.76	IT Padova	11.65				
IT Rimini	46.45	ES Almeria, Granada, J	9.03	IT Bolzano-Bozen	29.75	IT Agrigento	5.27				
IT Rovigo	9.39	ES Caceres	7.52	LU Luxembourg	29.54	IT Palermo	4.29				
IT Piacenza	6.30	ES Badajoz	3.41	US Oregon - other	25.39	IT Mantova	2.90				
IT Mantova	4.50	AU Fleurieu - other	2.22	IT Brescia	24.59	IT Foggia	2.33				
IT Pesaro e Urbino	2.98	AU Lower Murray - oth	2.15	FR Alsace	22.60	IT Bari	1.79				
IT Parma	2.89	AU Rutherglen	1.93	AT Burgenland	20.71	IT Matera	1.55				
IT Modena	2.18	AU Swan District	1.81	IT Gorizia	19.42	AR Ullum	1.42				
IT Macerata	2.07	AU Greater Perth - othe	1.79	IT Lecco	17.46	IT Taranto	1.23				
IT Rieti	1.74	ES Valencia	1.50	DE Baden	17.31	IT Perugia	1.19				
IT Padova	1.34	AU Barossa Valley	1.07	IT Pordenone	16.08	IT Ascoli Piceno	1.10				
IT Agrigento	1.18	AU Clare Valley	0.75	IT Treviso	15.50	IT Campobasso	0.92				
IT Terri	1.06	ES Castellon	0.63	RU Russia	15.34	IT Brindisi	0.76				
IT Taranto	0.80	ES Avila, Palencia, Sal	0.45	IT Venezia	13.09	IT Brescia	0.75				
IT Frosinone	0.76	ES Principado de Astur	0.41	IT Udine	13.00	IT Sassari	0.73				
IT Salerno	0.72	AU Sunbury	0.36	AT Niederosterreich	11.89	IT Modena	0.61				
IT Cremona	0.70	AU Currency Creek	0.33	SK Slovakia	11.54	IT Lecce	0.54				
IT Savona	0.68	AU Eden Valley	0.28	IT Vicenza	11.19	IT Bergamo	0.40				
IT Foggia	0.66	AU Riverland	0.27	IT Bergamo	10.99	IT Udine	0.39				
IT Catania	0.65	ES Tarragona	0.24	IT Padova	9.70	IT Rovigo	0.35				
IT Ascoli Piceno	0.60	AU McLaren Vale	0.16	DE Nahe	8.08	IT Benevento	0.26				
IT Caserta	0.60	ES Cuenca	0.15	CH Geneva	7.92	IT Latina	0.20				

Table 83: VIIs for the top 25 regions for the world's top 24 white varieties, 2016

	Airén	Chardonnay	Sauvignon Blanc	Trebbiano Toscano
Region	Varietal Indexes	Varietal Region	Varietal Region	Varietal Region
ES Comunidad de Madrid	14.07	AR Languïñeo	22.23 NZ Marlborough	27.95 FR Poitou Charentes
ES Castilla-La Mancha	10.46	US Lassen	14.82 NZ Nelson	17.36 IT Lazio
TN Tunisia	0.55	AR Picún Leufú	12.97 AU Mount Gambier	16.83 IT Abruzzo
MA Morocco	0.55	AU Cowra	11.12 AU Greater Perth - other	13.81 IT Puglia
ES Región de Murcia	0.47	AU Tumbarumba	11.11 CL Valparaíso	13.66 IT Umbria
ES Andalucía	0.33	FR Franche Comté	10.94 NZ Wairarapa	11.51 UY Canelones
ES Comunidad Valenciana	0.03	NZ Gisborne	10.86 MM Myanmar	11.30 UY Paysandú
ES Canarias	0.02	FR Bourgogne	10.65 AU Manjimup	11.21 IN India
ES Extremadura	0.01	AR Coronel Pringles	9.67 AU Pemberton	11.10 UY Montevideo
ES Castilla y León	0.01	AR Sarmiento - Chubut	9.07 ZA Cape South Coast	10.99 IT Molise
ES Cataluña	0.00	CL Araucanía	8.74 AR Coronel Suárez	10.84 IT Marche
		US Yolo	8.59 AR Gualeguaychú	10.79 UY San José
		US Monterey	8.56 FR Centre-Val de Loire	10.52 FR Midi Pyrénées
		AR Daireaux	8.34 NZ Waipara	9.86 US Los Angeles
		AU Big Rivers - other	8.33 AR General Pueyrredón	9.74 IT Toscana
		US Santa Barbara	7.78 AU Adelaide Hills	9.16 IT Campania
		AR Uruguay	7.41 AR Balcarce	8.99 UY Colonia
		RS Vranje	7.36 US Naches Heights	8.99 BG Northeast
		AU Pemberton	7.25 AR Saavedra	8.99 EL Anatoliki Makedon
		AR Curaco	7.17 CL De Los Lagos	8.88 IT Sicilia
		AR General Pueyrredón	6.65 US Lake	8.62 BG Southeast
		FR Champagne Ardene	6.65 NZ Canterbury	7.60 ZA Little Karoo
		NZ Northland	6.62 RS Subotica	7.58 AR Las Heras
		AU Perricoota	6.60 AT Südsteiermark	7.18 UY Rivera
		US Santa Cruz	6.54 NZ Hawkes Bay	7.03 UY Florida

Table 83 (cont.): VII for the top 25 regions for the world's top 24 white varieties, 2016

	Riesling	Rkatsiteli	Macabeo	Cayetana Blanca
Region	Varietal Indexes	Varietal Indexes	Varietal Indexes	Varietal Indexes
AR Veinticinco de Mayo -	74.96	KZ Almaty	49.89	ES Cataluña
AR Capital Misiones	74.96	GE Georgia	46.04	ES Aragón
DE Rheingau	59.22	KZ Zhambyl	35.49	ES Extremadura
DE Mittelrhein	50.85	KZ South Kazakhstan	34.76	ES País Vasco
DE Mosel	45.83	BG North Central	32.06	ES La Rioja
AR Leandro Alem	44.98	UA Ukraine	20.03	ES Comunidad Valenciana
AU Far North - other	37.48	RU Crimea	20.03	ES Castilla-La Mancha
DE Hessische Bergstraße	34.22	BG Northeast	12.45	ES Comunidad Foral de Navarra
RS Tisza	24.58	RU Rostov Oblast	11.27	ES Castilla y León
CZ Praha	22.49	BG Northwest	10.45	ES Illes Balears
RS Negotinska Krajina	22.40	KZ Other regions	9.94	FR Languedoc Roussillon
DE Nahe	21.16	BG Southeast	7.51	ES Región de Murcia
AU Eden Valley	19.76	MD Moldova	4.12	ES Cantabria
DE Pfalz	18.22	BG South Central	4.08	ES Comunidad de Madrid
FR Alsace	17.86	BG Southwest	3.04	ES Andalucía
US Rattlesnake Hills	17.64	RS South Banat	2.96	ZA Paarl
US Michigan	16.83	MK North Macedonia	1.62	ZA Swartland
US Yakima Valley	15.77	RU Krasnodar Krai	0.55	FR Provence-Alpes-Côte d'Azur
NZ Waipara	15.72	KZ East Kazakhstan	0.52	FR Rhône Alpes
AR Lacar	14.99	RS Nišava	0.36	ES Galicia
US Seneca	14.54	RO Romania	0.20	ES Canarias
AU Clare Valley	14.41			
RS Leskovac	14.28			
DE Württemberg	13.81			
AT Wachau	13.08			

Table 83 (cont.): VIIIs for the top 25 regions for the world's top 24 white varieties, 2016

Muscat Alexandria			Muscat Blanc à Petits Grains			Chenin Blanc			Colombard		
Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes
AR Capital San Juan	57.96	EL Voreio Algaio	65.25	ET Ethiopia	44.41	ZA Northern Cape	75.92				
AR Poman	41.84	AT Steirerland - other	63.98	ZA Worcester	40.71	ZA Little Karoo	48.34				
CL Del Bio Bio	41.64	MX Zacatecas	52.03	ZA Olifants River	39.68	ZA Olifants River	38.67				
AR Rivadavia - San Juan	37.40	PE Arequipa	33.90	ZA Northern Cape	36.51	US Fresno	35.19				
EL Voreio Algaio	30.98	IT Piemonte	29.77	AU Swan District	33.64	ZA Worcester	27.26				
AR Zonda	30.64	MX Aguascalientes	19.54	ZA Breedekloof	30.94	US Madera	25.87				
AR Ischilin	27.75	MM Myanmar	13.29	ZA Swartland	27.81	ZA Robertson	23.48				
CL Atacama	24.81	AT Südstiriermark	12.94	ZA Little Karoo	27.66	ZA Breedekloof	22.84				
US Glenn	18.27	HU Tokaj	12.40	ZA Paarl	25.52	US Tulare	21.95				
US Colusa	17.20	SI Stajerska Slovenija	8.37	FR Centre-Val de Loire	21.18	FR Midi Pyrénées	21.91				
AR Albardón	17.18	AU Glenrowan	7.59	FR Pays de la Loire	19.87	US Kern	18.96				
ES Andalucía	15.59	IT Valle d'Aosta	7.09	ZA Robertson	16.88	US Kings	18.57				
TN Tunisia	15.33	US Tulare	6.55	MX Baja California	13.36	TH Thailand	10.49				
MA Morocco	15.33	SI Bela Krajina	6.51	ZA Stellenbosch	12.22	IL Israel	6.58				
UY Artigas	14.31	AT Vulkanland Steiermark	6.40	TH Thailand	10.85	AU Riverland	5.77				
AR Ullum	13.70	RS Čačak-Kraljevo	6.26	US Kings	9.80	AU Lower Murray - oth	5.23				
CL Coquimbo	13.06	PT Algarve	5.92	AU Central Western Australian	8.64	AU Murray Darling (VI)	5.22				
AR Veinticinco de Mayo	10.58	SI Slovenska Istra	5.71	US Yolo	6.99	AU Murray Darling (NS)	5.18				
CL Antofagasta	10.37	UY Durazno	5.65	US Fresno	5.84	US Stanislaus	5.01				
ES Comunidad Valenciar	9.51	SI Bizeljsko Sremic	5.58	AR San Rafael	5.65	ZA Paarl	3.71				
AR Vinchina	9.43	FR Corse	4.99	AU Peel	5.43	US Ventura	3.65				
AR Chimbas	9.25	US Texas High Plains and ]	4.95	AR Conesa	5.13	AU Riverina	3.52				
AU Swan Hill (VIC)	8.83	US Tuolumne	4.92	AU Perth Hills	5.12	US Glenn	3.41				
AU Upper Goulburn	8.80	AU Big Rivers - other	4.85	US Solano	4.44	AU Pyrenees	3.28				
ZA Little Karoo	8.62	AT Bergland	4.78	ZA Cape South Coast	3.96	US Merced	3.20				

Table 83 (cont.): VII<sup>s</sup> for the top 25 regions for the world's top 24 white varieties, 2016

Catarratto Bianco			Aligoté			Graševina			Palomino Fino		
Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Varietal Indexes	Region	Region	Varietal Indexes	Region
IT Sicilia	51.58	RU Crimea	31.84	HR Kontinentalna Hrvatska	127.22	ES Canarias	98.64				
US Merced	0.42	UA Ukraine	31.84	HU Balatonföldvár	82.45	ES Andalucía	55.34				
US San Joaquin	0.14	KZ East Kazakhstan	26.46	HU Badacsony	79.01	MX Coahuila	47.81				
US Napa	0.05	RU Rostov Oblast	23.44	RS South Banat	70.05	ES Cantabria	32.35				
US Sonoma	0.04	KZ Other regions	19.52	HU Balatonfüred-Csopak	67.92	ES Galicia	20.08				
IT Friuli-Venezia Giulia	0.02	MD Moldova	15.65	SK Východné Slovensko	66.73	AR Puelen	8.07				
IT Veneto	0.01	FR Bourgogne	9.56	SI Prekmurje	62.54	US Riverside	6.99				
IT Piemonte	0.01	KZ Almaty	9.25	HU Nagy-Somlo	49.60	MX Sonora	6.64				
IT Emilia-Romagna	0.00	KZ West Kazakhstan	7.16	HU Pannonhalma	45.47	ES Castilla y León	5.87				
IT Calabria	0.00	RO Romania	5.32	AT Vulkanland Steiermark	36.90	NZ Auckland	3.68				
IT Marche	0.00	BG North Central	4.39	SI Stajerska Slovenija	36.59	PT Centro	3.46				
IT Puglia	0.00	RU Krasnodar Krai	3.21	AT Südburgenland	33.61	AU Rutherglen	3.44				
IT Toscana	0.00	CH Geneva	2.63	SI Bizeljsko Sremic	33.09	PT Norte	3.37				
IT Campania	0.00	KZ South Kazakhstan	1.70	AT Südsteiermark	30.20	NZ Northland	2.36				
IT Molise	0.00	BG Southeast	1.61	RS Srem	28.81	ZA Olifants River	1.46				
		CA Ontario	0.65	SI Bela Krajina	28.50	ZA Little Karoo	1.32				
		CA Other regions	0.65	SK Bratislavský kraj	28.09	US Contra Costa	1.08				
		KZ Zhambyl	0.59	RS Negotinska Krajina	23.65	PT Lisboa	0.92				
		GE Georgia	0.43	HU Pécs	20.68	AR Las Heras	0.67				
		FR Rhône Alpes	0.15	AT Neusiedlersee	20.65	AR Guaymallén	0.64				
		FR Auvergne	0.06	RS Knjaževac	20.08	AR San Rafael	0.44				
		CH Vaud	0.06	AT Neusiedlersee Hüttendorf	19.49	AR Veinticinco de Mayo	0.35				
		CH Valais	0.02	SI Dolenjska	17.28	US Fresno	0.33				
		FR Lorraine	0.01	SK Stredné Slovensko	17.21	AR Rawson	0.32				
		FR Centre-Val de Loire	0.01	RS Leskovac	17.15	ZA Swartland	0.32				

Table 83 (cont.): VIIIs for the top 25 regions for the world's top 24 white varieties, 2016

	Prosecco	Müller-Thurgau	Grüner Veltliner	Trebbiani Romagnolo
Region	Varietal Intensity Indexes	Varietal Intensity Indexes	Varietal Intensity Indexes	Varietal Intensity Indexes
IT Veneto	50.94	CH Appenzell Innerhö	223.52	AT Traisental
AU King Valley	17.38	CH Nidwalden	145.78	AT Wachau
AU Alpine Valleys	7.20	CH Thunersee	82.10	AT Kremstal
IT Friuli-Venezia Giulia	4.52	CH Zug	74.53	AT Kamptal
AU Tumbarumba	2.65	CZ Severozápad	68.80	AT Wagram
AU Central Victoria - other	1.91	DE Franken	63.14	AT Weinviertel
AU Gippsland	1.50	LU Luxembourg	55.88	AT Other regions
BR Brazil	1.39	CH Thurgau	52.84	SK Bratislavský kraj
AU Murray Darling (NSW)	0.82	CZ Praha	45.98	AT Wien
AU Beechworth	0.67	CH Zürich	45.54	SK Západné Slovensko
AU Hilltops	0.66	CH Glarus	44.23	AT Carnuntum
AU Goulburn Valley	0.56	CH Appenzell Ausserrh	43.12	AT Neusiedlersee Hügellai
AU Macedon Ranges	0.54	CH Aargau	42.87	AT Bergland
AU Adelaide Hills	0.30	CH Schwyz	41.32	CZ Jihovýchod
AR San Rafael	0.18	CH Lucerne	40.67	AT Neusiedlersee
AU Orange	0.12	CZ Morava	37.74	HU Etyek-Budai
AU McLaren Vale	0.08	CH Basel Stadt	37.54	AT Thermenregion
AU Murray Darling (VIC)	0.05	DE Rheinhessen	36.37	HU Tolna
AU Riverland	0.05	DE Baden	36.24	HU Balatonboglár
IT Emilia-Romagna	0.03	CH Solothurn	36.20	HU Sopron
IT Trento	0.02	CZ Čechy	36.15	AT Südburgenland
IT Marche	0.02	DE Saale	35.39	HU Neszmély
IT Molise	0.02	DE Sachsen	35.03	HU Pécs
AU Currency Creek	0.02	CH Schaffhausen	32.87	HU Zala
IT Basilicata	0.01	DE Nahe	28.96	SK Východné Slovensko

Table 83 (cont.): VII's for the top 25 regions for the world's top 24 white varieties, 2016

	Sémillon	Verdejo	Viognier	Pedro Giménez
Region	Varietal Indexes	Varietal Region	Varietal Indexes	Varietal Region
TR Marmara	72.99	ES Castilla y León	39.47	AR Gualeguaychu
AU Hunter	46.90	ES Castilla-La Mancha	3.44	AR Junín - San Luis
AU Manjimup	44.09	ES Extremadura	2.07	AU Canberra District (A)
AU Hunter Valley - other	32.17	ES Comunidad Foral de	1.39	AR San Javier
AU Margaret River	31.68	ES Andalucía	0.46	US Virginia
AR Conesa	30.95	ES La Rioja	0.33	FR Midi Pyrénées
AU Swan Hill (NSW)	28.19	AU Eden Valley	0.20	AR Capital San Luis
AU Hastings River	26.80	AU Swan Hill (VIC)	0.18	AU South West Australi
AU Shoalhaven Coast	23.66	AU Murray Darling (NS\	0.09	AU Hastings River
AU South Burnett	23.64	CL Metropolitana	0.04	AU Perth Hills
AU Riverina	20.18	ES Aragón	0.04	US Ventura
AU Blackwood Valley	19.07	AU Barossa Valley	0.03	US San Diego
AU Geographe	17.03	ES País Vasco	0.03	US Riverside
FR Aquitaine	16.50	ES Región de Murcia	0.01	US Hill Country
AU Central Western Aus	16.25	ES Comunidad Valencia	0.01	US Texas High Plains a
AU New England Austra	15.57	AU Riverland	0.00	US Rogue Valley
AU Great Southern	14.54			US Placer
AU South West Australi	14.38			AU Central Victoria - ot
AU Southern Fleurieu	13.25			AU North East Victoria
AR El Cuy	12.81			US Colorado
AU Greater Perth - other	11.60			AU South Coast - other
AU Pemberton	11.38			US Shasta
AU The Peninsulas	11.17			AU The Peninsulas
AU Murray Darling (VIC	11.14			US Calaveras
AU Granite Belt	10.38			US Mariposa

Table 84: NVIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Cabernet Sauvignon	Garnacha Tinta	Merlot	Mazuelo
Region	NVII	Region	NVII	Region
FR Gironde	4.85	FR Vaucluse	5.44	FR Aude
M9 Missing 9	3.42	ES Zaragoza	4.79	FR Herault
CL O'Higgins	2.71	ES Toledo	4.40	FR Gard
CL Del Maule	2.52	FR Gard	3.04	FR Aquitaine except Gi
BG Bulgaria	1.24	FR Rhone-Alpes except Ar	1.60	FR Herault
CL Metropolitana	1.02	ES Comunidad Foral de N <sub>c</sub>	1.57	MD Moldova
AU Limestone Coast - other	0.73	ES La Rioja	1.48	CL Del Maule
MD Moldova	0.71	ES Comunidad de Madrid	1.40	CL OHiggins
US Napa	0.65	FR Pyrenees-Orientales	1.23	IT Treviso
AU Riverland	0.54	FR Var	1.12	FR Gard
FR Aquitaine except Girond	0.41	ES Avila, Palencia, Salamé	1.04	IT Padova
US Sonoma	0.39	FR Herault	0.99	M9 Missing 9
ZA Stellenbosch	0.37	DZ Algeria	0.96	IT Pordenone
US San Joaquin	0.32	FR Aude	0.94	IT Venezia
ZA Paarl	0.30	IT Nuoro	0.86	US Napa
AU Langhorne Creek	0.27	FR Bouches-du-Rhone	0.58	US Sonoma
AU Murray Darling (VIC)	0.25	ES Huesca, Teruel	0.56	US Washington
AR Luján de Cuyo	0.23	FR Ardeche	0.39	IT Udine
US San Luis Obispo	0.23	TN Tunisia	0.26	US San Joaquin
ZA Swartland	0.22	ES Zamora	0.24	IT Vicenza
AR Maipú	0.21	US Madera	0.13	ZA Stellenbosch
AU Barossa Valley	0.17	US Fresno	0.10	CH Ticino
FR Gard	0.17	IT Sassari	0.10	US Stanislaus
US Monterey	0.17	FR Corse	0.09	FR Alpes-de-Haute-Proven
AU McLaren Vale	0.17	IT Cagliari	0.09	US Contra Costa
			0.14	US Santa Clara

Table 84 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Syrah	Bobal	Tempranillo	Monastrell
Region	NVII	Region	NVII	Region
FR Hérault	1.73	ES Cuenca	8.07	ES La Rioja
FR Gard	1.62	ES Valencia	7.47	ES Alava
FR Vaucluse	1.18	ES Albacete	3.54	ES Ciudad Real
FR Aude	1.07	ES Cáceres	0.00	ES Burgos
AU Riverland	0.90	ES Castellón	0.00	ES Comunidad Foral de
FR Rhône-Alpes except A	0.73	ES Illes Balears	-0.01	PT Alto Tras-os-Montes
AU Riverina	0.57	ES Guadalajara	-0.01	ES Valladolid
AU Barossa Valley	0.55	ES Ávila, Palencia, Salamanca	-0.01	ES Zamora
FR Pyrenees-Orientales	0.54	ES Huesca, Teruel	-0.02	ES Zaragoza
FR Var	0.51	ES Almería, Granada, Jaén	-0.02	ES Avila, Palencia, Salamanca
FR Ardeche	0.49	ES Girona, Lleida	-0.03	ES Guadalajara
AU McLaren Vale	0.36	ES Alava	-0.05	PT Alentejo
AU Limestone Coast - other	0.32	ES Burgos	-0.06	ES Comunidad de Madrid
AU Langhorne Creek	0.24	ES Canarias	-0.06	ES Cuenca
AU Murray Darling (VIC)	0.24	ES Zamora	-0.07	ES Valencia
AU Clare Valley	0.21	ES Valladolid	-0.07	AR San Carlos - Mza
ZA Paarl	0.21	ES León	-0.07	AR San Martín - Mza
FR Midi-Pyrénées except	0.20	ES Comunidad de Madrid	-0.07	ES Huesca, Teruel
ZA Stellenbosch	0.18	ES Zaragoza	-0.08	AR Tunuyán
DZ Algeria	0.18	ES Alicante	-0.08	ES Girona, Lleida
ZA Swartland	0.18	ES Comunidad Foral de	-0.10	AR Maijú
FR Bouches-du-Rhône	0.16	ES Barcelona	-0.10	ES Castellón
AU Padthaway	0.14	ES Tarragona	-0.13	ES Barcelona
AU Mudgee	0.14	ES Galicia	-0.13	AR Tupungato
AU Hunter	0.14	ES La Rioja	-0.17	AR Lavalle

Table 84 (cont.): NVIIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Sangiovese	Pinot Noir	Cabernet Franc	Cinsaut
Region	NVII	Region	NVII	Region
IT Siena	2.19	FR Champagne-Ardenne	2.28	FR Gironde
IT Firenze	2.10	FR Bourgogne	2.04	FR Pays de la Loire except M
IT Foggia	1.32	MD Moldova	1.08	FR Centre-Val de Loire
IT Bari	0.74	DE Baden	0.95	BR Brazil
IT Forlì-Cesena	0.66	CH Valais	0.36	FR Aquitaine except Gironde
IT Arezzo	0.61	IT Pavia	0.34	IT Treviso
IT Ascoli Piceno	0.58	US Sonoma	0.26	FR Midi-Pyrenees except Ger
IT Rimini	0.34	FR Alsace	0.24	IT Venezia
IT Taranto	0.34	DZ Algeria	0.22	FR Deux-Sevres, Vienne
IT Perugia	0.33	FR Centre-Val de Loire	0.18	IT Udine
FR Corse	0.30	DE Pfälz	0.14	CA Canada
IT Grosseto	0.29	US Yamhill Co.	0.12	IT Pordenone
IT Ravenna	0.25	US Napa	0.12	IT Padova
IT Pisa	0.18	CL Valparaiso	0.11	IT Vicenza
IT Chieti	0.14	AU Yarra Valley	0.10	UY Uruguay
IT Bologna	0.12	DE Württemberg	0.10	IT Gorizia
TN Tunisia	0.12	NZ Marlborough	0.10	US Napa
IT Benevento	0.11	CH Vaud	0.09	IT Brescia
IT Caltanissetta	0.10	DE Rheinhessen	0.08	FR Gers
IT Termini Imerese	0.10	CH Zürich	0.08	US Washington
IT Matera	0.09	CH Schaffhausen	0.08	US New York - other
IT Salerno	0.08	US Santa Barbara	0.07	ZA Stellenbosch
IT Pesaro e Urbino	0.08	US Monterey	0.07	IT Trento
IT Viterbo	0.08	CA Canada	0.07	US Sonoma
IT Caserta	0.07	DE Rheingau	0.07	AU Cowra
				US Contra Costa
				1.90
				1.48
				1.03
				1.00
				0.81
				0.71
				0.40
				0.27
				0.20
				0.15
				0.14
				0.14
				0.11
				0.06
				0.03
				0.02
				0.02
				0.01
				0.00
				0.00
				0.00
				0.00
				0.00

Table 84 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Gamay Noir	Alicante Henri Bouschet	Barbera	Montepulciano
NVII	NVII	Region	NVII	Region
FR Rhone-Alpes except Ardeche	4.54	ES Galicia	1.53	IT Asti
FR Bourgogne	0.65	ES Albacete	1.08	IT Alessandria
FR Centre-Val de Loire	0.62	FR Herault	0.57	IT Pavia
FR Pays de la Loire except Maye	0.39	DZ Algeria	0.57	US Fresno
FR Midi-Pyrenees except Gers	0.23	FR Aude	0.34	IT Cuneo
CH Valais	0.19	FR Gard	0.21	IT Piacenza
FR Auvergne	0.15	CL Del Maule	0.20	IT Salerno
FR Ardeche	0.12	CL OHiggins	0.19	US Madera
CH Vaud	0.11	MA Morocco	0.15	IT Benevento
CH Geneva	0.09	TN Tunisia	0.15	IT Torino
FR Deux-Sevres, Vienne	0.04	ES Leon	0.11	IT Brescia
CA Canada	0.04	ES Alicante	0.07	US Kern
US Monterey	0.03	ES Huesca, Teruel	0.06	US Stanislaus
FR Lorraine	0.01	PT Alentejo	0.05	US Merced
US San Benito	0.01	FR Bouches-du-Rhone	0.03	IT Caserta
US Solano	0.01	IT Reggio di Calabria	0.03	IT Avellino
IT Valle d'Aosta	0.00	CL Metropolitan	0.03	IT Potenza
US Lake	0.00	ES Zamora	0.03	IT Bologna
IT Perugia	0.00	US Tulare	0.02	US Tulare
FR Correze, Haute-Vienne	0.00	US Fresno	0.02	IT Vicenza
US Mendocino	0.00	IT Catania	0.02	AR Chilecito
FR Franche Comté	0.00	CL Coquimbo	0.01	IT Biella
CH Fribourg	0.00	FR Var	0.01	IT Milano
US Tehama	0.00	ES Valencia	0.01	IT Parma
US San Diego	0.00	IT Cosenza	0.00	AR Tupungato
				0.01 IT Perugia
				0.28 IT Chieti
				0.54 IT Foggia
				0.47 IT Campobasso
				0.44 IT Bari
				0.43 IT Pescara
				0.35 IT Ascoli Piceno
				0.33 IT Teramo
				0.14 IT Taranto
				0.12 IT L'Aquila
				0.09 IT Ancona
				0.07 IT Benevento
				0.06 IT Brindisi
				0.03 IT Caserta
				0.03 IT Roma
				0.03 IT Macerata
				0.02 IT Viterbo
				0.02 IT Isernia
				0.02 IT Avellino
				0.02 IT Frosinone
				0.01 IT Rieti
				0.01 IT Pesaro e Urbino
				0.01 IT Terni
				0.01 IT Matera
				0.01 IT Salerno
				0.01 IT Perugia

Table 84 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2000

	Isabella	Tribidrag	Côt	Criolla Grande
Region	NVII	Region	NVII	Region
BR Brazil	2.86	US San Joaquin	1.50	AR Luján de Cuyo
MD Moldova	2.23	IT Taranto	1.05	FR Midi-Pyrénées except
M9 Missing 9	0.25	US Sonoma	0.31	AR Maipú
AR Colón - Entre Ríos	0.01	IT Bari	0.27	AR San Carlos - Mza
AR Totoral	0.00	US Madera	0.25	AR Rivadavia - Mza
US Finger Lakes	0.00	US Fresno	0.18	AR Junín - Mza
		US Kern	0.17	AR Tupungato
		US Amador	0.15	AR Tunuyán
		US Mendocino	0.14	AR San Rafael
		US Napa	0.13	AR San Martín - Mza
		US San Luis Obispo	0.12	FR Gironde
		IT Brindisi	0.10	FR Centre-Val de Loire
		US Merced	0.09	AR Santa Rosa - Mza
		US Colusa	0.09	CL O'Higgins
		US Stanislaus	0.09	AR Veinticinco de Mayo
		US Tulare	0.07	FR Aquitaine except Gir
		US Sacramento	0.06	AR Chilecito
		US San Bernardino	0.06	AR Sarmiento - San Juan
		US Monterey	0.06	AR Lavalle
		TN Tunisia	0.05	AR Cafayate
		US Lake	0.03	AR General Roca
		US Glenn	0.03	AR Guaymallén
		IT Lecce	0.03	AR Añelo
		IT Salerno	0.03	AR Caucete
		US Contra Costa	0.02	CL Del Maule
				0.02 AR Rivadavia - San Juan
				0.00 AR San Martín - Mza
				0.00 AR Rivadavia - Mza
				0.00 AR Junín - Mza
				0.00 AR San Rafael
				0.00 AR Santa Rosa - Mza
				0.00 AR General Alvear
				0.00 AR Lavalle
				0.00 AR Maipú
				0.00 AR Luján de Cuyo
				0.00 AR Veinticinco de Mayo - S
				0.00 AR Sarmiento - San Juan
				0.00 AR Caucete
				0.00 AR Las Heras
				0.00 AR Guaymallén
				0.00 AR San Martín - San Juan
				0.00 AR Angaco
				0.00 AR San Carlos - Mza
				0.00 AR La Paz
				0.00 AR Nueve de Julio
				0.00 AR Santa Lucía
				0.00 AR Tupungato
				0.00 AR Avellaneda - Río Negro
				0.00 AR Chimbas
				0.00 AR Rawson
				0.00 AR Rivadavia - San Juan

Table 84 (cont.): NVIIIs for the top 25 regions for the world's top 24 red varieties, 2000

Pamid	Douce Noire	Negroamaro	Doukkali
BG Bulgaria	4.53	AR San Martín - Mza	0.63
EL Dytiki Makedonia	0.00	IT Pavia	0.41
HU Hungary	-0.06	AR San Rafael	0.36
		AR Lavalle	0.33
		AR Rivadavia - Mza	0.31
		AR Santa Rosa - Mza	0.27
		AR Junín - Mza	0.16
		AR Tupungato	0.15
		AR Maipú	0.13
		AR Luján de Cuyo	0.11
		AR Chilecito	0.10
		AR Sarmiento - San Jua	0.10
		AR General Alvear	0.09
		AR Caucete	0.06
		AR Veinticinco de May	0.04
		AR Las Heras	0.03
		AR Nueve de Julio	0.03
		AR Tunuyán	0.02
		AR San Martín - San Ju	0.02
		AR Guaymallén	0.02
		IT Asti	0.01
		AR Pocito	0.01
		AR Tinogasta	0.01
		IT Torino	0.01
		AR San Carlos - Mza	0.01
		NVII	Region
			NVII
			MA Morocco
			3.35

Table 85: NVIIs for the top 25 regions for the world's top 24 red varieties, 2016

	Cabernet Sauvignon	Merlot	Tempranillo	Syrah
Region	NVII	Region	NVII	Region
CN China	6.24	FR Aquitaine	14.40	ES Castilla-La Mancha
CL OHiggins	3.41	FR Languedoc Roussillon	2.58	ES Castilla y León
FR Aquitaine	3.30	CN China	1.37	ES La Rioja
CL Del Maule	2.70	BG South Central	0.92	ES Extremadura
US Napa	1.48	MD Moldova	0.62	ES País Vasco
CL Metropolitana	1.30	CL O'Higgins	0.58	ES Comunidad Foral de Navarra
US San Luis Obispo	0.78	BG Southeast	0.48	ES Aragón
RU Crimea	0.71	CL Del Maule	0.40	PT Alentejo
UA Ukraine	0.71	US San Joaquin	0.29	ES Comunidad Valenciana
US Sonoma	0.68	IT Friuli-Venezia Giulia	0.27	PT Norte
US San Joaquin	0.61	US Napa	0.24	PT Centro
AU Coonawarra	0.58	US Monterey	0.23	AR San Carlos - Mza
MD Moldova	0.55	US San Luis Obispo	0.20	ES Cataluña
BG South Central	0.54	ZA Stellenbosch	0.20	PT Lisboa
RU Krasnodar Krai	0.46	IT Toscana	0.20	ES Comunidad de Madrid
ZA Stellenbosch	0.43	US Sacramento	0.18	MX Baja California
US Horse Heaven Hills	0.43	CH Ticino	0.18	AR San Martín - Mza
AU Riverland	0.42	RO Romania	0.18	US Texas High Plains and P
BG Southeast	0.42	NZ Hawkes Bay	0.17	US Hill Country
ES Aragón	0.33	US Sonoma	0.16	US North Texas (DFW)
AU Langhorne Creek	0.32	IT Umbria	0.15	US West Texas
ZA Paarl	0.31	US Wahluke Slope	0.14	AR La Paz
US Columbia Valley	0.30	US Horse Heaven Hills	0.13	AR Junín - San Luis
AR Luján de Cuyo	0.28	ES Comunidad Foral de Navarra	0.12	US Sutter
US Wahluke Slope	0.26	BG Northwest	0.12	AR Valle Viejo
				FR LangUEDOC Roussill 6.12
				FR Provence-Alpes-Co 2.45
				FR Rhône Alpes 1.37
				AU Barossa Valley 1.12
				AU Riverland 1.01
				AU Riverina 0.82
				AU McLaren Vale 0.68
				AU Langhorne Creek 0.41
				AU Murray Darling (V) 0.38
				ZA Paarl 0.37
				IT Sicilia 0.35
				ZA Swartland 0.34
				CL O'Higgins 0.33
				ZA Stellenbosch 0.32
				AU Clare Valley 0.30
				TR Aegean 0.22
				AR Lavalle 0.21
				AU Padthaway 0.20
				ES Aragón 0.20
				AU Coonawarra 0.19
				AU Murray Darling (N) 0.19
				AU Hunter 0.15
				AU Heathcote 0.15
				DZ Algeria 0.15
				CL Metropolitana 0.15

Table 85 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2016

	Garnacha Tinta	Pinot Noir	Sangiovese	Bobal			
Region	NVII	Region	NVII	Region			
FR Provence-Alpes-Côte d'Azur	7.03	FR Champagne-Ardenne	2.75	IT Toscana	8.10	ES Castilla-La Mancha	6.26
FR Languedoc Roussillon	5.93	FR Bourgogne	2.12	IT Puglia	3.38	ES Comunidad Valenciana	5.51
ES Aragón	2.75	DE Baden	1.10	IT Emilia-Romagna	0.67	ES Illes Balears	0.00
FR Rhône Alpes	1.50	US Sonoma	0.97	IT Marche	0.61	ES Canarias	-0.03
ES Castilla-La Mancha	1.18	US North Willamette	0.96	IT Umbria	0.52	ES Comunidad de Madrid	-0.03
IT Sardagna	0.99	US Monterey	0.66	FR Corse	0.29	ES Comunidad Foral de Navarra	-0.05
ES Castilla y León	0.68	IT Lombardia	0.52	IT Campania	0.15	ES Región de Murcia	-0.07
ES La Rioja	0.62	NZ Marlborough	0.44	IT Lazio	0.12	ES Aragón	-0.07
ES Comunidad Foral de Navarra	0.52	US Santa Barbara	0.40	IT Sardegna	0.08	ES Andalucía	-0.09
ES Comunidad de Madrid	0.50	CL Valparaíso	0.35	IT Basilicata	0.06	ES Extremadura	-0.21
ES Cataluña	0.45	NZ Otago	0.32	AR Maipú	0.03	ES Castilla y León	-0.21
DZ Algeria	0.38	CH Valais	0.32	IT Calabria	0.03		
FR Corse	0.09	FR Alsace	0.28	IT Molise	0.02		
AU Barossa Valley	0.05	DE Pfalz	0.24	ET Etiopia	0.02		
MA Morocco	0.04	DE Württemberg	0.23	IT Abruzzo	0.02		
AU McLaren Vale	0.04	US Mendocino	0.20	US Texas High Plains and Panhandle	0.01		
US Fresno	0.02	FR Centre-Val de Loire	0.19	AR General Roca	0.01		
US Madera	0.02	DE Rheinhessen	0.18	IT Liguria	0.01		
US Kings	0.01	US Napa	0.16	AR Lavalle	0.01		
US Glenn	0.01	US Umpqua Valley	0.16	US Amador	0.01		
MX Baja California	0.01	US South Willamette	0.15	AU King Valley	0.00		
TN Tunisia	0.01	AU Yarra Valley	0.14	US Riverside	0.00		
AU Perth Hills	0.00	AU Tasmania	0.13	AR Junín - Mza	0.00		
AU Swan District	0.00	UK United Kingdom	0.11	US San Diego	0.00		
US San Bernardino	0.00	US San Luis Obispo	0.11	US Hill Country	0.00		

Table 85 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2016

	Cabernet Franc	Côt	Monastrell	Mazuelo
Region	NVII	Region	NVII	Region
FR Aquitaine	2.30	AR Luján de Cuyo	1.84	ES Región de Murcia
FR Pays de la Loire	1.91	AR San Carlos - Mza	1.17	ES Castilla-La Mancha
BR Brazil	1.43	AR Tunuyán	1.02	ES Comunidad Valenciana
FR Centre-Val de Loire	1.22	AR Maipú	0.85	FR Provence-Alpes-Côte d'A.
IT Veneto	0.43	AR Tupungato	0.85	FR Languedoc Roussillon
IT Friuli-Venezia Giulia	0.18	FR Midi Pyrénées	0.73	AU Barossa Valley
FR Midi Pyrénées	0.13	AR Rivadavia - Mza	0.44	ES Illes Balears
CA Ontario	0.09	AR San Rafael	0.41	US Contra Costa
HU Villány	0.07	AR Junín - Mza	0.34	US Texas High Plains and Pa
US Napa	0.05	AR Cafayate	0.20	ZA Swartland
FR Languedoc Roussillon	0.05	AR Sarmiento - San Juan	0.16	AU Swan Hill (VIC)
HU Szekszárd	0.05	AR San Martín - Mza	0.14	US El Dorado
ZA Stellenbosch	0.04	AR Añelo	0.13	AU Limestone Coast - other
CL O'Higgins	0.04	CL O'Higgins	0.12	AU McLaren Vale
CA British Colombia	0.04	AR Lavalle	0.10	AU Adelaide Plains
US Virginia	0.03	AR Chilecito	0.09	AU Heathcote
CL Metropolitana	0.03	AR Santa Rosa - Mza	0.08	US Hill Country
HU Eger	0.03	AR Veinticinco de Mayo - ;	0.07	AU Barossa - other
UY Canelones	0.02	FR Centre-Val de Loire	0.06	US Placer
US Suffolk	0.02	AR Caucete	0.05	AU Granite Belt
CA Other regions	0.02	AR General Roca	0.05	US Calaveras
AR Tunuyán	0.01	CL Del Maule	0.04	US Riverside
US Michigan	0.01	AR San Carlos - Salta	0.04	US Nevada
IL Israel	0.01	AR San Martín - San Juan	0.03	AU Western Victoria - other
RS Troplica	0.01	AR Guaymallén	0.03	AU Peel

Table 85 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2016

	Alicante Henri Bouschet	Montepulciano	Gamay Noir
Region	NVII	Region	NVII
ES Castilla-La Mancha	1.89	IT Puglia	2.87
ES Galicia	1.12	US San Joaquin	1.60
CL O'Higgins	0.60	US Sonoma	0.43
CL Del Maule	0.57	US Fresno	0.27
PT Alentejo	0.42	US Madera	0.21
PT Centro	0.20	US San Luis Obispo	0.20
MA Morocco	0.17	US Amador	0.19
TR Aegean	0.10	MK NorthMacedon	0.18
ES Comunidad Valenciana	0.10	US Mendocino	0.16
ES Región de Murcia	0.10	US Napa	0.10
CL Metropolitana	0.09	US Merced	0.09
FR Languedoc Roussillon	0.05	US Sacramento	0.09
PT Norte	0.05	US Stanislaus	0.08
CL Coquimbo	0.04	US Colusa	0.07
TN Tunisia	0.03	US Kern	0.06
PT Lisboa	0.03	US Tulare	0.05
US Tulare	0.01	US El Dorado	0.04
US Merced	0.00	US Contra Costa	0.04
US Riverside	0.00	US Lake	0.04
AR Poman	0.00	US San Bernardino	0.03
PT Algarve	0.00	IT Basilicata	0.02
AR Zonda	0.00	US Kings	0.02
AR Calingasta	0.00	US Glenn	0.02
AR Santa María - Cba	0.00	US Alameda	0.01
US Marin	0.00	US Solano	0.01
		IT Abruzzo	3.48
		IT Puglia	1.89
		IT Marche	0.61
		IT Molise	0.52
		IT Lazio	0.11
		IT Emilia-Romagna	0.10
		IT Campania	0.05
		IT Basilicata	0.02
		IT Sardinia	0.01
		IT Umbria	0.01
		US Hill Country	0.00
		AR Ullum	0.00
		US Texas High Plain:	0.00
		AR Ischilin	0.00
		US Marin	0.00
		NZ Auckland	0.00
		AU Queensland - othe	0.00
		US Riverside	0.00
		US San Diego	0.00
		SI Bela Krajina	0.00
		US Solano	0.00
		IT Valle d'Aosta	0.00
		AU Alpine Valleys	0.00
		AU Mount Lofty Ran	0.00
		IT Liguria	0.00
		US Contra Costa	0.00
		US El Dorado	0.00

Table 85 (cont.): NVIs for the top 25 regions for the world's top 24 red varieties, 2016

	Cinsaut	Carmenère	Douce Noire	Barbera
Region	NVII	Region	NVII	Region
FR Languedoc Roussillon	1.61	CN China	2.30	AR San Martín - Mza
FR Provence-Alpes-Côte d'Azur	1.41	CL O'Higgins	1.27	AR Lavalle
MA Morocco	0.70	CL Del Maule	0.65	AR Rivadavia - Mza
CL Del Bio Bio	0.16	CL Metropolitana	0.18	AR San Rafael
TN Tunisia	0.14	CL Valparaíso	0.04	AR Santa Rosa - Mza
ZA Paarl	0.12	CL Del Bio Bio	0.02	AR Junín - Mza
ZA Breedekloof	0.10	CL Coquimbo	0.01	AR Maipú
TR Marmara	0.09	AR Tandil	0.00	AR Tupungato
ZA Swartland	0.05	CL Tarapaca	0.00	AR Sarmiento - San Juan
FR Rhône Alpes	0.03	AU Beechworth	0.00	AR Luján de Cuyo
FR Corse	0.03	AU Granite Belt	0.00	AR Chilecito
ZA Worcester	0.01	AR Rivadavia - San Jué	0.00	AR General Alvear
ZA Robertson	0.01	US Riverside	0.00	AR Veinticinco de Mayo -
ZA Stellenbosch	0.01	CL Atacama	0.00	AR Caucete
US Texas High Plains and Pan	0.00	US El Dorado	0.00	AR Las Heras
AU Rutherglen	0.00	AU Heathcote	0.00	AR Nueve de Julio
US Riverside	0.00	AR Chilecito	0.00	AR Tunuyán
US Calaveras	0.00	IT Liguria	0.00	AR San Martín - San Juan
AU Canberra District (NSW)	0.00	US San Benito	0.00	AR Tinogasta
US Santa Clara	0.00	CH Ticino	0.00	AR Pocito
US Contra Costa	0.00	AU Swan Hill (VIC)	0.00	AR Santa Lucía
US El Dorado	0.00	IT Basilicata	0.00	AR Guaymallén
AU Yarra Valley	0.00	IT Molise	0.00	IT Piemonte
ZA Little Karoo	0.00	HU Villany	0.00	AR Angaco
ZA Cape South Coast	0.00	AR San Martín - San Jú	0.00	AR La Paz

Table 85 (cont.): NVIIs for the top 25 regions for the world's top 24 red varieties, 2016

	Isabella	Blaufränkisch	Criolla Grande	Pinot Meunier
Region	NVII	Region	NVII	Region
BR Brazil	2.57	HU Kunsag	0.50	AR San Martín - Mza
MD Moldova	0.70	DE Württemberg	0.35	AR Rivadavia - Mza
UA Ukraine	0.25	CZ Jihovýchod	0.24	AR Junín - Mza
RU Crimea	0.25	AT Mittelburgenland	0.23	AR San Rafael
RU Krasnodar Krai	0.02	HU Eger	0.23	AR Santa Rosa - Mza
UY Canelones	0.01	HU Sopron	0.20	AR Lavalle
UY Montevideo	0.00	SK Západné Slovensko	0.18	AR General Alvear
UY Paysandu	0.00	AT Neusiedlersee	0.17	AR Maipú
UY Tacuarembo	0.00	AT Neusiedlersee Hügel	0.15	AR Luján de Cuyo
AU Alpine Valleys	0.00	HU Szekszárd	0.13	AR Sarmiento - San Juan
UY San Jose	0.00	RS Tri Morave	0.11	AR Veinticinco de Mayo
CH Graubünden - Mesol.	0.00	HU Matra	0.11	AR Las Heras
UY Maldonado	0.00	HR Kontinentalna Hrvats	0.10	AR Caucete
UY Colonia	0.00	HU Hajos-bajai	0.09	AR Guaymallén
CH Ticino	0.00	HU Tolna	0.07	AR Nueve de Julio
AU Margaret River	0.00	SI Dolenjska	0.06	AR Angaco
AU Riverina	-0.01	HU Csongrad	0.06	AR La Paz
		PE Lima	0.06	AR Albardón
		HU Villany	0.05	AR San Martín - San Juan
		HU Bukk	0.04	AR Rawson
		SI Bizejjsko Sremic	0.04	AR Rivadavia - San Juan
		HU Balatonboglár	0.04	AR Santa Lucía
		AT Südburgenland	0.03	AR Chimbás
		SK Bratislavský kraj	0.03	AR Vinchina
		SK Stredné Slovensko	0.03	AR Timogasta

Table 86: NVIIs for the top 25 regions for the world's top 24 white varieties, 2000

	Airén	Chardonnay	Trebbiano Toscano	Graševina
Region	NVII	Region	NVII	Region
ES Ciudad Real	31.51	FR Bourgogne	2.49	FR Charente-Maritime
ES Toledo	23.14	FR Champagne-Ardenne	1.52	FR Charente
ES Cuenca	7.07	US Monterey	1.12	FR Gers
ES Albacete	5.88	US Sonoma	0.93	IT Chieti
ES Comunidad de Madrid	1.06	US San Joaquin	0.82	IT Foggia
ES Guadalajara	0.15	US Napa	0.52	IT Roma
ES Castellón	-0.02	MD Moldova	0.50	IT Agrigento
ES Almería, Granada, Jaén,	-0.05	US Santa Barbara	0.50	FR Var
ES Málaga	-0.06	IT Trento	0.44	IT Firenze
ES Cáceres	-0.07	CL Valparaíso	0.38	IT Latina
ES Huelva	-0.11	US Washington	0.37	IT Terni
ES Girona, Lleida	-0.12	AU Riverland	0.35	IT Perugia
ES Córdoba	-0.14	AU Murray Darling (VIC)	0.33	IT Palermo
ES Cádiz	-0.16	US Mendocino	0.32	IT Viterbo
ES Álava	-0.18	US Yolo	0.27	IT Benevento
ES Burgos	-0.22	US San Luis Obispo	0.27	IT Ascoli Piceno
ES Canarias	-0.22	CL Del Maule	0.24	IT Grosseto
ES Avila, Palencia, Salamanca	-0.23	AU Hunter	0.24	IT Pisa
ES Valladolid	-0.26	US Sacramento	0.24	IT Arezzo
ES Zamora	-0.26	ZA Robertson	0.24	FR Aquitaine except Gi
ES León	-0.26	AU Riverina	0.22	EL Peloponissos
ES Región de Murcia	-0.27	US Merced	0.21	IT Frosinone
ES Alicante	-0.38	CL OHiggins	0.18	IT Siena
ES Comunidad Foral de Navarra	-0.38	FR Aude	0.18	IT Campobasso
ES Galicia	-0.52	FR Franche Comté	0.18	IT Bari
				0.06 IT Rieti

Table 86 (cont.): NVIs for the top 25 regions for the world's top 24 white varieties, 2000

Rkatsiteli	Sauvignon Blanc	Cayetana Blanca	Catarratto Bianco								
Region	NVII	Region	NVII	Region	NVII	Region	NVII	Region	NVII	Region	NVII
GE Georgia	3.93	MD Moldova	1.42	ES Badajoz	11.03	IT Trapani	7.56				
RU Russia	2.53	FR Centre-Val de Loire	1.10	ES Zaragoza	0.02	IT Palermo	1.85				
MD Moldova	2.10	CL Del Maule	0.84	ES Caceres	0.00	IT Agrigento	0.68				
M9 Missing 9	1.93	FR Gironde	0.76	AU Mount Lofty Ranges	0.00	IT Catania	0.02				
BG Bulgaria	1.66	NZ Marlborough	0.38	AU Hilltops	0.00	IT Messina	0.01				
AM Armenia	0.47	RO Romania	0.34	AU Big Rivers - other	0.00	IT Caltanissetta	0.01				
RO Romania	-0.52	FR Aquitaine except G.	0.31	AU Swan District	0.00	IT La Spezia	0.00				
		ZA Stellenbosch	0.29	AU Adelaide Hills	0.00	IT Genova	0.00				
M9 Missing 9			0.27	AU Riverland	-0.01	IT Massa-Carrara	0.00				
FR Herault			0.21	ES Guadalajara	-0.01	IT Imperia	0.00				
SI Slovenia			0.19	AU Swan Hill (VIC)	-0.01	IT Savona	0.00				
FR Bourgogne			0.16	AU Langhorne Creek	-0.01	IT Valle d'Aosta	0.00				
ZA Robertson			0.16	AU Murray Darling (NSW)	-0.01	IT Novara	0.00				
ZA Swartland			0.12	ES Malaga	-0.01	IT Pistoia	0.00				
CL O'Higgins			0.11	AU McLaren Vale	-0.01	IT Lucca	0.00				
US Napa			0.11	AU Barossa Valley	-0.02	IT Vibo Valentia	0.00				
ZA Paarl			0.10	AU Riverina	-0.03	IT Livorno	0.00				
CL Valparaiso			0.09	ES Alava	-0.03	IT Catanzaro	0.00				
IT Udine			0.09	ES Burgos	-0.03	IT Rieti	0.00				
ZA Worcester			0.08	ES Canarias	-0.03	IT Siracusa	0.00				
IT Gorizia			0.08	AU Murray Darling (VIC)	-0.03	IT Matera	0.00				
ZA Breedekloof			0.07	ES Avila, Palencia, Salamanca	-0.03	IT Torino	0.00				
US Sonoma			0.07	ES Valladolid	-0.03	IT Napoli	0.00				
US San Joaquin			0.06	ES Zamora	-0.04	IT Reggio di Calabria	0.00				
AU Margaret River			0.06	ES Leon	-0.04	IT Pisa	0.00				

Table 86 (cont.): NVIIs for the top 25 regions for the world's top 24 white varieties, 2000

	Macabeo	Chenin Blanc	Riesling	Columbard			
Region	NVII	Region	NVII	Region			
Region	NVII	Region	NVII	Region			
ES Tarragona	2.14	FR Pays de la Loire except	1.03	DE Mosel	1.26	US Madera	1.10
ES Zaragoza	1.64	ZA Paarl	0.89	DE Pfalz	0.97	FR Gers	0.99
ES Barcelona	1.13	ZA Swartland	0.77	FR Alsace	0.67	US Fresno	0.94
ES La Rioja	1.11	FR Centre-Val de Loire	0.68	DE Rheingau	0.52	US Kern	0.62
FR Pyrenees-Orientales	0.87	ZA Olfants River	0.63	DE Würtemberg	0.49	ZA Northern Cape	0.53
ES Girona, Lleida	0.35	ZA Breedekloof	0.58	DE Rheinhessen	0.48	ZA Olifants River	0.43
ES Comunidad Foral de Alava	0.30	ZA Worcester	0.40	M9 Missing 9	0.32	ZA Robertson	0.40
ES Huesca, Teruel	0.21	ZA Robertson	0.39	DE Baden	0.24	ZA Breedekloof	0.31
ES Valladolid	0.20	ZA Stellenbosch	0.34	AT Niederösterreich	0.22	US Stanislaus	0.23
ES Badajoz	0.09	US Madera	0.39	DE Nahe	0.23	US Stanislaus	0.23
ES Valencia	0.08	ZA Northern Cape	0.27	HU Hungary	0.22	US Tulare	0.22
ES Albacete	0.07	US Kern	0.26	CZ Czechia	0.18	US Merced	0.20
ES Castellon	0.02	AR San Rafael	0.15	US Washington	0.18	ZA Worcester	0.18
ES Illes Balears	0.00	ZA Little Karoo	0.13	MD Moldova	0.14	ZA Little Karoo	0.16
AR El Cuy	0.00	US Stanislaus	0.10	AU Clare Valley	0.14	US San Joaquin	0.14
ES Guipuzcoa, Vizcaya	0.00	US San Joaquin	0.10	DE Mittelrhein	0.11	AU Riverland	0.10
AR General Roca	0.00	US Merced	0.10	CA Canada	0.10	IL Israel	0.09
ES Guadalajara	-0.01	FR Deux-Sevres, Vienne	0.07	AU Barossa Valley	0.08	ZA Paarl	0.09
ES Caceres	-0.01	US Monterey	0.06	FR Aquitaine except Gironde	0.08	FR Charente-Maritime	0.08
ES Burgos	-0.01	US Tulare	0.05	AU Eden Valley	0.06	AU Murray Darling (VIC)	0.06
ES Almeria, Granada, J	-0.02	AR Lavalle	0.04	AU Padthaway	0.05	ZA Swartland	0.05
FR Bouches-du-Rhone	-0.02	AR Rivadavia - Mza	0.04	DE Hessische Bergstraße	0.05	US Glenn	0.03
ES Avila, Palencia, Salamanca	-0.02	AR Maipú	0.03	NZ Marlborough	0.05	US Kings	0.02
FR Ardeche	-0.02	US Sacramento	0.03	DE Franken	0.04	AU Murray Darling (NSW)	0.02

Table 86 (cont.): NVIIs for the top 25 regions for the world's top 24 white varieties, 2000

	Aligoté	Müller-Thurgau	Palomino Fino	Muscat Blanc à Petits Grains
NVII	NVII	Region	NVII	Region
MD Moldova	3.10	DE Rheinhessen	1.11	ES Cadiz
M9 Missing 9	1.30	DE Baden	0.84	ES Canarias
RO Romania	1.22	DE Pfalz	0.81	ES Galicia
FR Bourgogne	0.30	HU Hungary	0.55	ES Leon
RU Russia	0.29	DE Franken	0.49	ES Valladolid
BG Bulgaria	0.20	DE Mosel	0.47	ES Zamora
CH Geneva	0.00	AT Niederösterreich	0.39	ES Almeria, Granada, Ja
FR Auvergne	0.00	SK Slovakia	0.36	FR Gers
FR Alpes-de-Haute-Provence, H:	0.00	CZ Czechia	0.31	ES Huelva
CH Vaud	-0.01	DE Nahe	0.18	ES Avila, Palencia, Salai
CH Valais	-0.01	AT Burgenland	0.14	US Madera
FR Bouches-du-Rhone	-0.02	DE Württemberg	0.11	US San Bernardino
FR Ardeche	-0.02	IT Trento	0.10	ES Cantabria
FR Midi-Pyrénées except Gers	-0.03	LU Luxembourg	0.09	US Riverside
FR Centre-Val de Loire	-0.03	AT Steiermark	0.07	NZ Auckland
GE Georgia	-0.04	NZ Gisborne	0.04	AR Puelen
FR Pays de la Loire except Maye	-0.06	CH Zürich	0.04	ES Malaga
FR Charente	-0.06	IT Bolzano-Bozen	0.03	NZ Waikato
FR Rhône-Alpes except Ardèche	-0.06	DE Saale	0.03	US Contra Costa
FR Vaucluse	-0.08	NZ Hawkes Bay	0.03	ES Principado de Asturias
FR Gard	-0.10	CH Aargau	0.03	AU Lower Murray - other
FR Herault	-0.16	DE Sachsen	0.02	AU Beechworth
		CH Schaffhausen	0.02	AU Sunbury
		CH Thurgau	0.01	AU Greater Perth - other
		DE Rheingau	0.01	AU Rutherglen

Table 86 (cont.): NVIIs for the top 25 regions for the world's top 24 white varieties, 2000

	Muscat of Alexandria	Sémillon	Fetească Albă	Grüner Veltliner			
Region	NVII	Region	NVII	Region			
MA Morocco	0.69	FR Gironde	1.76	RO Romania	3.50	AT Niederösterreich	2.94
FR Pyrenees-Orientales	0.52	FR Aquitaine except <sup>1</sup>	0.87	MD Moldova	0.80	SK Slovakia	0.59
ES Alicante	0.44	AU Riverina	0.39	HU Hungary	0.11	AT Burgenland	0.55
ES Valencia	0.37	CL Del Maule	0.20	SK Slovakia	0.05	CZ Czechia	0.34
ZA Breedekloof	0.23	AU Barossa Valley	0.15			HU Hungary	0.19
AU Riverland	0.20	AU Hunter	0.13			AT Wien and other regions	0.04
ES Malaga	0.19	AU Margaret River	0.08			IT Pescara	0.01
AR Veinticinco de Mayo	0.18	CL O'Higgins	0.07			IT La Spezia	0.00
ZA Olifants River	0.16	AU Murray Darling ( <sup>1</sup> )	0.06			IT Genova	0.00
IT Trapani	0.14	AU Riverland	0.06			IT Imperia	0.00
US Fresno	0.12	ZA Breedekloof	0.05			IT Oristano	0.00
AR Caucete	0.12	US Washington	0.04			IT Sondrio	0.00
US Kern	0.11	AR Tupungato	0.04			IT Rieti	0.00
BR Brazil	0.10	AU Clare Valley	0.04			IT Bolzano-Bozen	0.00
AR Sarmiento - San Juan	0.09	AR Luján de Cuyo	0.03			AT Steiermark	0.00
AR Chilecito	0.09	AU McLaren Vale	0.03			IT Teramo	0.00
ZA Little Karoo	0.09	AU Mudgee	0.02			IT Caserta	0.00
ZA Northern Cape	0.08	AR San Carlos - Mza	0.02			IT Frosinone	0.00
AU Murray Darling (VIC)	0.08	AU Cowra	0.02			IT Grossotto	0.00
US Tulare	0.08	AU Great Southern	0.02			IT Viterbo	0.00
AR Albardón	0.08	BR Brazil	0.02			IT Ancona	0.00
AR Zonda	0.07	NZ Marlborough	0.02			IT Campobasso	0.00
AR San Martín - San Juan	0.06	AU Adelaide Hills	0.02			IT Sassari	0.00
ZA Worcester	0.06	AU Southern NSW - c	0.02			IT Cosenza	0.00
AU Murray Darling (NS)	0.05	ZA Stellenbosch	0.02			IT Latina	-0.01

Table 86 (cont.): NVIIIs for the top 25 regions for the world's top 24 white varieties, 2000

	Trebbiano Romagnolo	Pedro Ximénez	Pinot Blanc	Garganega
Region	NVII	Region	NVII	Region
IT Ravenna	2.62	ES Cordoba	2.48	RU Russia
IT Bologna	0.52	CL Coquimbo	0.45	IT Treviso
IT Forli-Cesena	0.47	ES Badajoz	0.14	FR Alsace
IT Rimini	0.10	ES Malaga	0.14	AT Niederosterreich
IT Ferrara	0.06	ES Almeria, Granada, J	0.06	AT Burgenland
IT Piacenza	0.02	CL Atacama	0.03	DE Baden
IT Modena	0.01	ES Valencia	0.02	SK Slovakia
IT Mantova	0.01	ES Caceres	0.02	AT Steiermark
IT Agrigento	0.00	AU Rutherglen	0.00	DE Pfalz
IT Pesaro e Urbino	0.00	AU Swan District	0.00	IT Bolzano-Bozen
IT Rovigo	0.00	AU Fleurieu - other	0.00	IT Pordenone
IT Padova	0.00	AU Barossa Valley	0.00	IT Brescia
IT Macerata	0.00	AU Greater Perth - othe	0.00	DE Rheinhessen
IT Rieti	0.00	AU Lower Murray - oth	0.00	IT Udine
IT Parma	0.00	ES Principado de Astur	0.00	IT Venezia
IT Terri	0.00	AU Sunbury	0.00	IT Vicenza
IT Cremona	0.00	ES Castellon	0.00	IT Gorizia
IT Lecco	0.00	AU Tasmania	0.00	IT Padova
IT Genova	0.00	AU Currency Creek	0.00	US Monterey
IT Savona	0.00	AU Eden Valley	0.00	IT Trento
IT Massa-Carrara	0.00	AU Clare Valley	0.00	LU Luxembourg
IT Milano	0.00	AU Adelaide Hills	0.00	IT Bologna
IT Imperia	0.00	ES Guadalajara	0.00	CA Canada
IT Isernia	0.00	AU Swan Hill (VIC)	0.00	DE Nahe
IT Novara	0.00	AU McLaren Vale	0.00	IT Campobasso
				IT Brescia

Table 87: NVIIs for the top 25 regions for the world's top 24 white varieties, 2016

	Airén	Chardonnay	Sauvignon Blanc	Trebbiano Toscano
Region	NVII	Region	NVII	Region
ES Castilla-La Mancha	39.33	FR Bourgogne	3.16	NZ Marlborough
ES Comunidad de Madrid	1.49	FR Champagne-Ardennes	1.95	CL Del Maule
TN Tunisia	-0.02	US Monterey	1.36	FR Centre-Val de Loire
MA Morocco	-0.08	US Sonoma	1.16	MD Moldova
ES Canarias	-0.11	US San Joaquin	0.94	CL Valparaíso
ES Región de Murcia	-0.12	AU Riverland	0.77	FR Aquitaine
ES Andalucía	-0.22	AU Riverina	0.64	ZA Stellenbosch
ES Cataluña	-0.53	FR Languedoc Roussillon	0.51	FR Midi Pyrénées
ES Comunidad Valenciana	-0.57	IT Lombardia	0.45	FR Languedoc Roussillon
ES Castilla y León	-0.73	US Napa	0.45	CL O'Higgins
ES Extremadura	-0.78	AU Murray Darling (VIC)	0.45	ZA Robertson
	IT Trento		0.43	UA Ukraine
	US Santa Barbara		0.42	RU Crimea
	CL Valparaíso		0.39	NZ Hawkes Bay
	US Madera		0.39	ZA Swartland
	US Yolo		0.39	ZA Cape South Coast
	CL Del Maule		0.34	ZA Breedekloof
	US Mendocino		0.34	IT Friuli-Venezia Giulia
	US Sacramento		0.33	US Lake
	US Yakima Valley		0.27	AU Adelaide Hills
	ZA Robertson		0.26	AU Margaret River
	AU Murray Darling (NSW)		0.25	US Napa
	CL O'Higgins		0.25	FR Bourgogne
	RU Krasnodar Krai		0.23	ZA Paarl
	LB Lebanon		0.18	CZ Jihovýchod

Table 87 (cont.): NVIs for the top 25 regions for the world's top 24 white varieties, 2016

	Riesling	Rkatsiteli	Macabeo	Cayetana Blanca
Region	NVII	Region	NVII	Region
DE Pfalz	1.10	GE Georgia	5.52	ES Cataluña
DE Mosel	1.09	RU Crimea	1.22	ES Castilla-La Mancha
FR Alsace	0.84	UA Ukraine	1.22	ES Extremadura
RO Romania	0.82	MD Moldova	0.66	ES Comunidad de Madrid
DE Rheinhessen	0.80	KZ Almaty	0.57	PT Algarve
DE Rheingau	0.51	BG North Central	0.31	ES Canarias
DE Württemberg	0.41	BG Southeast	0.31	ES La Rioja
US Yakima Valley	0.26	BG Northeast	0.20	ES País Vasco
DE Nahe	0.23	KZ South Kazakhstan	0.19	ES Aragón
UA Ukraine	0.23	BG South Central	0.13	ES Illes Balears
RU Crimea	0.23	RU Rostov Oblast	0.12	ES Comunidad Foral de Navarra
CZ Jihovýchod	0.20	BG Northwest	0.10	ES Castilla y León
DE Baden	0.19	MK NorthMacedon	0.04	ES Murcia
AU Clare Valley	0.17	KZ Zhambyl	0.04	ES Región de Murcia
CA Ontario	0.16	BG Southwest	0.04	ES Comunidad de Madrid
MD Moldova	0.13	RS South Banat	0.02	ES Comunidad Valenciana
RU Krasnodar Krai	0.13	RU NorthMacedon	0.02	ES La Rioja
MK NorthMacedon	0.13	HR Kontinentalna Hrvatska	0.02	ES Aragón
HR Kontinentalna Hrvatska	0.13	CA Ontario	0.02	ES Castilla y León
US Monterey	0.12	MD Moldova	0.02	ES Illes Balears
US Horse Heaven Hills	0.10	RU Krasnodar Krai	0.02	ES Centro
SI Stajerska Slovenia	0.10	RU Clare Valley	0.02	ES Comunidad de Madrid
AU Eden Valley	0.10	CA Ontario	0.02	ES Castilla-La Mancha
AT Weinviertel	0.08	MD Moldova	0.02	ES Galicia
AT Kamptal	0.08	HR Kontinentalna Hrvatska	0.02	ES Rhône Alpes
		US Monterey	0.02	ES Andalucía
		US Horse Heaven Hills	0.02	ES Castilla-La Mancha
		SI Stajerska Slovenia	0.02	ES Galicia
		AU Eden Valley	0.02	ES Rhône Alpes
		AT Weinviertel	0.02	ES Andalucía
		AT Kamptal	0.02	ES Castilla-La Mancha
			0.02	ES Galicia
			0.02	ES Rhône Alpes
			0.02	ES Andalucía
			0.02	ES Castilla-La Mancha
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			0.02	ES Rhône Alpes
			0.02	ES Andalucía
			0.02	ES Castilla-La Mancha
			0.02	

Table 87 (cont.): NVIIs for the top 25 regions for the world's top 24 white varieties, 2016

	Muscat Alexandria	Muscat Blanc à Petits Grains	Chenin Blanc	Colombard
Region	NVII	Region	NVII	Region
CL Del Bio Bio	0.85	IT Piemonte	2.24	FR Pays de la Loire
ES Comunidad Valenciar	0.85	FR Languedoc Roussillon	0.77	FR Centre-Val de Loire
ES Andalucía	0.81	EL Voreio Aigao	0.28	ZA Olifants River
MA Morocco	0.44	FR Rhône Alpes	0.19	ZA Breedekloof
CN China	0.36	HU Tokaj	0.11	ZA Paarl
CL Coquimbo	0.23	IT Lombardia	0.10	ZA Swartland
US Fresno	0.19	AU Riverina	0.09	ZA Worcester
AU Riverland	0.16	IT Puglia	0.09	ZA Robertson
IT Sicilia	0.15	SI Stajerska Slovenija	0.08	ZA Stellenbosch
EL Voreio Aigao	0.13	PE Arequipa	0.07	ZA Northern Cape
ZA Breedekloof	0.12	ZA Robertson	0.07	US Fresno
AR Veinticinco de Mayo	0.11	US Fresno	0.05	ZA Little Karoo
FR Languedoc Roussillon	0.11	MK NorthMacedon	0.05	AR San Rafael
AU Murray Darling (VIC)	0.08	RO Romania	0.05	MX Baja California
TN Tunisia	0.08	FR Corse	0.04	US Yolo
PT Lisboa	0.08	AT Südsteiermark	0.04	US Madera
ES Cataluña	0.08	RU Crimea	0.03	AR Lavalle
ZA Olifants River	0.07	UA Ukraine	0.03	AU Swan District
AR Chilecito	0.06	EL Dytiki Ellada	0.03	US Sacramento
AU Murray Darling (NSW)	0.06	US Tulare	0.03	AR Rivadavia - Mza
AR Sarmiento - San Juan	0.06	MX Zacatecas	0.03	AR Maipú
US Kern	0.06	MX Aguascalientes	0.03	ZA Cape South Coast
AR Caucete	0.05	TR Aegean	0.01	ET Ethiopia
AU Riverina	0.04	AT Vulkanland Steiermark	0.01	US Kings
IL Israel	0.04	AT Weinviertel	0.01	AR Santa Rosa - Mza
			0.01	US San Joaquin

Table 87 (cont.): NVIIs for the top 25 regions for the world's top 24 white varieties, 2016

	Catarratto Bianco	Aligoté	Graševina	Palomino Fino
Region	NVII	Region	NVII	Region
IT Sicilia	6.25	MD Moldova	1.62	HR Kontinentalna Hr
US Merced	0.00	RO Romania	1.06	CN China
IT Molise	-0.01	UA Ukraine	1.04	SI Stajerska Slovenija
IT Calabria	-0.01	RU Crimea	1.04	CZ Jihovýchod
IT Marche	-0.02	FR Bourgogne	0.37	AT Weinviertel
US Napa	-0.02	RU Rostov Oblast	0.13	IT Lombardia
IT Campania	-0.02	RU Krasnodar Krai	0.06	AT Neusiedlersee
IT Friuli-Venezia Giulia	-0.03	KZ Almaty	0.05	HU Balatonfüred-Csó
US Sonoma	-0.03	BG North Central	0.02	RS South Banat
US San Joaquin	-0.03	BG Southeast	0.02	ES Extremadura
IT Piemonte	-0.07	CH Geneva	0.00	HU Badacsony
IT Toscana	-0.08	KZ South Kazakhstan	0.00	RS Tri Morave
IT Emilia-Romagna	-0.08	KZ East Kazakhstan	0.00	RO Romania
IT Veneto	-0.12	KZ West Kazakhstan	0.00	HU Matra
IT Puglia	-0.13	KZ Zhambyl	0.00	HU Balatonfelvédék
		FR Lorraine	0.00	AT Südsteiermark
CA Other regions			0.00	NZ Northland
FR Auvergne			0.00	RS Srem
KZ Other regions			0.00	AT Vulkanland Steiermark
FR Franche Comté			0.00	AT Neusiedlersee Hü
CA Ontario			0.00	SK Bratislavský kraj
CH Vaud			0.00	HU Eger
CH Valais			0.00	HU Villány
HU Matra			-0.01	SI Prekmurje
FR Centre-Val de Loire			-0.01	SI Vipavská dolina
			-0.03	HU Balatonboglár

Table 87 (cont.): NVIs for the top 25 regions for the world's top 24 white varieties, 2016

	Prosecco	Müller-Thurgau	Grüner Veltliner	Trebbianio Romagnolo
Region	NVII	Region	NVII	Region
IT Veneto	4.22	DE Rheinhessen	0.83	AT Weinviertel
IT Friuli-Venezia Giulia	0.07	DE Baden	0.50	AT Kamptal
AU King Valley	0.02	DE Pfalz	0.40	CZ Jihovýchod
BR Brazil	0.01	DE Franken	0.35	AT Wagram
AU Alpine Valleys	0.00	CZ Jihovýchod	0.28	AT Kremstal
AU Tumbarumba	0.00	DE Mosel	0.22	SK Západné Slovensko
AU Central Victoria - other	0.00	IT Trento	0.16	AT Wachau
AU Gippsland	0.00	HU Matra	0.13	AT Neusiedlersee
AU Beechworth	0.00	AT Weinviertel	0.11	SK Bratislavský kraj
AU Macedon Ranges	0.00	DE Nahe	0.11	AT Traisental
AU Hilltops	0.00	SK Západné Slovensko	0.10	AT Neusiedlersee Hügellai
AU Goulburn Valley	0.00	LU Luxembourg	0.07	HU Balatonboglar
AU Currency Creek	0.00	DE Württemberg	0.06	AT Carnuntum
AU Orange	0.00	AT Kamptal	0.05	HU Tolna
AU Murray Darling (NSW)	0.00	IT Bolzano-Bozen	0.04	AT Thermenregion
AU Adelaide Hills	0.00	AT Wagram	0.04	AT Wien
IT Basilicata	0.00	AT Neusiedlersee	0.03	HU Matra
IT Molise	0.00	HU Kunsag	0.03	HU Etyek-Budai
AU McLaren Vale	-0.01	CH Zürich	0.03	HU Sopron
IT Calabria	-0.01	AT Kremstal	0.03	HU Kunsag
AU Murray Darling (VIC)	-0.01	AT Südsteiermark	0.02	AT Mittelburgenland
IT Trento	-0.01	HU Eger	0.02	HU Neszmely
AR San Rafael	-0.01	DE Saale	0.02	HU Zala
IT Umbria	-0.01	SI Stajerska Slovenija	0.02	HU Bukk
AR Maijú	-0.01	AT Vulkanland Steierm	0.02	HU Csongrad

Table 87 (cont.): NVIIs for the top 25 regions for the world's top 24 white varieties, 2016

	Sémillon	Verdejo	Viognier	Pedro Giménez
Region	NVII	Region	NVII	Region
FR Aquitaine	2.08	ES Castilla y León	2.48	FR LangUEDOC Roussillon
AU Riverina	0.33	ES Castilla-La Mancha	0.89	FR Midi Pyrénées
AU Margaret River	0.14	ES Extremadura	0.07	IT Sicilia
TR Marmara	0.12	ES Comunidad Foral de	0.01	FR Rhône Alpes
AU Hunter	0.10	AU Swan Hill (VIC)	0.00	FR Provence-Alpes-Côte d'Azur
AU Murray Darling (VIC)	0.09	AU Eden Valley	0.00	US San Joaquin
ZA Breedekloof	0.08	AU Murray Darling (NSW)	-0.01	CL O'Higgins
AU Riverland	0.07	AU Barossa Valley	-0.01	ZA Paarl
CL Del Maule	0.06	CL Metropolitana	-0.01	CL Del Maule
AU Barossa Valley	0.05	ES País Vasco	-0.01	US Virginia
AR Tupungato	0.03	ES Andalucía	-0.02	US San Luis Obispo
AU Great Southern	0.02	AU Riverland	-0.02	ZA Swartland
ZA Stellenbosch	0.02	ES Región de Murcia	-0.02	US Yolo
AR Luján de Cuyo	0.02	ES La Rioja	-0.02	ZA Stellenbosch
AU Clare Valley	0.02	ES Aragón	-0.03	CA British Colombia
ZA Swartland	0.02	ES Comunidad Valencia	-0.05	US Santa Barbara
CL O'Higgins	0.02			US Rogue Valley
ZA Paarl	0.02			IT Umbria
ZA Cape South Coast	0.01			US Texas High Plains and Panhandle
ZA Worcester	0.01			ZA Worcester
AU Murray Darling (NSW)	0.01			NZ Hawkes Bay
AR Maipú	0.01			AU Riverland
AR San Carlos - Mza	0.01			US Mendocino
AU Adelaide Hills	0.01			AU Murray Darling (NSW)
AU Mudgee	0.01			AU Riverina
				0.01 AR Santa Lucía
				0.01 AR Coquimbo
				0.63 AR San Martín - Mza
				0.27 AR Lavalle
				0.23 AR Rivadavia - Mza
				0.09 AR Junín - Mza
				0.05 AR San Rafael
				0.05 AR Santa Rosa - Mza
				0.04 AR Veinticinco de Mayo - Zárate
				0.03 AR Sarmiento - San Juan
				0.13 AR Maipú
				0.02 AR Maipú
				0.02 AR Caucete
				0.02 CL Atacama
				0.02 AR San Martín - San Juan
				0.02 AR Luján de Cuyo
				0.02 AR Las Heras
				0.02 AR Nueve de Julio
				0.01 AR General Alvear
				0.01 AR Rawson
				0.01 AR Angaco
				0.01 AR Pocito
				0.01 AR San Carlos - Mza
				0.01 AR Guaymallén
				0.01 AR General Roca
				0.01 AR Tunuyán
				0.01 AR Santa Lucía



## **IX. Varietal Regional Similarity Indexes, by country and region**

Table 88: VSI of each country and region relative of the world, 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Algeria</b>	<b>0.36</b>	<b>Argentina (cont.)</b>	
<b>Argentina</b>	<b>0.24</b>	Poman	0.06
Adolfo Alsina	0.08	Puelen	0.37
Albardón	0.09	Rawson	0.08
Andalgala	0.05	Rivadavia - Mza	0.17
Añelo	0.34	Rivadavia - San Juan	0.11
Angaco	0.10	San Alberto	0.05
Arauco	0.00	San Blas De Los Sauces	0.05
Avellaneda - Río Negro	0.22	San Carlos - Mza	0.24
Ayacucho	0.05	San Carlos - Salta	0.05
Belén	0.04	San Javier	0.05
Cachi	0.02	San Martín - Mza	0.15
Cafayate	0.19	San Martín - San Juan	0.14
Calingasta	0.27	San Rafael	0.20
Capital San Juan	0.06	Sanagasta	0.04
Capital Santiago del Estero	0.00	Santa Lucía	0.08
Castro Barros	0.34	Santa María - Catamarca	0.31
Caucete	0.15	Santa Rosa - Mza	0.22
Chilecito	0.17	Sarmiento - San Juan	0.20
Chimbas	0.09	Tafí del Valle	0.03
Colón - Entre Ríos	0.13	Tinogasta	0.07
Conesa	0.09	Totoral	0.12
Confluencia	0.15	Tunuyán	0.39
Coronel Felipe Varela	0.06	Tupungato	0.38
Coronel Pringles	0.33	Ullum	0.15
Cruz del Eje	0.03	Valle Fértil	0.03
Cushamen	0.31	Veinticinco de Mayo - Sar	0.17
El Cuy	0.32	Vinchina	0.04
Famatina	0.04	Zonda	0.16
General Alvear	0.12	<b>Armenia</b>	<b>0.40</b>
General Lamadrid	0.09		
General Pueyrredón	0.40	<b>Australia</b>	<b>0.46</b>
General Roca	0.27	Adelaide Hills	0.45
Godoy Cruz	0.04	Alpine Valleys/Beechwor	0.49
Guaymallén	0.19	Australian Capital Territo	0.34
Iglesia	0.05	Barossa - other	0.33
Ischilín	0.17	Barossa Valley	0.36
Jachal	0.22	Beechworth	0.44
Junín - Mza	0.17	Bendigo	0.29
La Paz	0.24	Big Rivers - other	0.55
La Rioja	0.02	Blackwood Valley	0.44
Las Heras	0.18	Canberra District	0.42
Lavalle	0.18	Central Ranges - other	0.56
Luján de Cuyo	0.24	Central Victoria - other	0.38
Maipú	0.30	Central Western Australia	0.39
Molinos	0.14	Clare Valley	0.38
Nueve de Julio	0.15	Cowra	0.35
Pichi Mahuida	0.09	Currency Creek	0.38
Pocito	0.11	Eastern Plains, Inland and	0.37

Table 88 (cont.): VSI of each country and region relative of the world, 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Australia (cont.)</b>		<b>Australia (cont.)</b>	
Eden Valley	0.31	Swan District	0.53
Far North - other	0.27	Swan Hill (NSW)	0.35
Fleurieu - other	0.43	Swan Hill (VIC)	0.39
Geelong	0.32	Tasmania	0.34
Geographé	0.44	The Peninsulas	0.38
Gippsland	0.37	Tumbarumba	0.28
Goulburn Valley	0.40	Western Australia Southern	0.39
Grampians	0.32	Western Plains - other	0.60
Granite Belt	0.55	Western Victoria - other	0.41
Great Southern	0.43	Yarra Valley	0.39
Greater Perth - other	0.39		
Hastings River	0.42	<b>Austria</b>	<b>0.12</b>
Henty	0.33	Burgenland	0.15
Hilltops	0.38	Niederösterreich	0.09
Hunter	0.30	Steiermark	0.15
Hunter Valley - other	0.35	Wien and other regions	0.23
Kangaroo Island	0.35		
Langhorne Creek	0.38	<b>Brazil</b>	<b>0.23</b>
Limestone Coast - other	0.38		
Lower Murray - other	0.40	<b>Bulgaria</b>	<b>0.35</b>
Margaret River	0.43		
McLaren Vale	0.38	<b>Canada</b>	<b>0.47</b>
Mornington Peninsula	0.34		
Mount Benson	0.44	<b>Chile</b>	<b>0.47</b>
Mount Lofty Ranges - other	0.41	Araucania	0.19
Mudgee	0.38	Atacama	0.35
Murray Darling (NSW)	0.41	Coquimbo	0.40
Murray Darling (VIC)	0.30	Del Bio Bio	0.26
North East Victoria - other	0.50	Del Maule	0.39
North West Victoria - other	0.28	Metropolitana	0.39
Northern Rivers - other	0.44	O'Higgins	0.40
Northern Slopes - other	0.36	Valparaiso	0.37
Northern Territory	0.47		
Orange	0.40	<b>Croatia</b>	<b>0.38</b>
Padthaway	0.40		
Perricoota	0.43	<b>Cyprus</b>	<b>0.12</b>
Perth Hills	0.30		
Port Phillip - other	0.38	<b>Czechia</b>	<b>0.38</b>
Pyrenees	0.37		
Queensland - other	0.52		
Riverina	0.36		
Riverland	0.42		
Rutherglen	0.27		
South Burnett	0.59		
South Coast - other	0.46		
South West Australia - other	0.47		
Southern Fleurieu	0.37		
Southern NSW - other	0.34		
Sunbury	0.36		

Table 88 (cont.): VSI of each country and region relative of the world, 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>France</b>	<b>0.59</b>	<b>Greece</b>	<b>0.20</b>
Aisne	0.05	Anatoliki Makedonia, Thr:	0.34
Alpes-de-Haute-Provence,	0.50	Attiki	0.02
Alsace	0.08	Dytiki Ellada	0.14
Aquitaine except Gironde	0.37	Dytiki Makedonia	0.08
Ardeche	0.49	Ionia Nisia	0.42
Aude	0.38	Ipeiros	0.15
Auvergne	0.11	Kentriki Makedonia	0.25
Bouches-du-Rhone	0.47	Kriti	0.03
Bourgogne	0.22	Notio Aigaio	0.22
Centre-Val de Loire	0.17	Peloponnisos	0.17
Champagne-Ardenne	0.16	Stereia Ellada	0.02
Charente	0.18	Thessalia	0.04
Charente-Maritime	0.19	Voreio Aigaio	0.05
Correze, Haute-Vienne	0.42		
Corse	0.39	<b>Hungary</b>	<b>0.51</b>
Deux-Sevres, Vienne	0.20		
Franche Comté	0.19	<b>Israel</b>	<b>0.54</b>
Gard	0.48		
Gers	0.21	<b>Italy</b>	<b>0.37</b>
Gironde	0.39	Agrigento	0.16
Herault	0.41	Alessandria	0.08
Lorraine	0.11	Ancona	0.04
Midi-Pyrenees except Ger:	0.22	Arezzo	0.14
Pays de la Loire except Ma	0.10	Ascoli Piceno	0.19
Pyrenees-Orientales	0.36	Asti	0.07
Rhone-Alpes except Arde	0.20	Avellino	0.04
Seine-et-Marne	0.11	Bari	0.15
Var	0.43	Belluno	0.38
Vaucluse	0.35	Benevento	0.18
		Bergamo	0.43
<b>Georgia</b>	<b>0.14</b>	Biella	0.07
		Bologna	0.09
<b>Germany</b>	<b>0.11</b>	Bolzano-Bozen	0.14
Ahr	0.11	Brescia	0.36
Baden	0.12	Brindisi	0.06
Franken	0.06	Cagliari	0.16
Hessische Bergstraße	0.08	Caltanissetta	0.07
Mittelrhein	0.07	Campobasso	0.11
Mosel	0.07	Caserta	0.26
Nahe	0.09	Catania	0.02
Pfalz	0.09	Catanzaro	0.16
Rheingau	0.07	Chieti	0.14
Rheinhessen	0.08	Como	0.10
Saale	0.12	Cosenza	0.17
Sachsen	0.09	Cremona	0.05
Württemberg	0.09	Crotone	0.02
		Cuneo	0.06

Table 88 (cont.): VSI of each country and region relative of the world, 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Italy (cont.)</b>			
Enna	0.31	Roma	0.15
Ferrara	0.14	Rovigo	0.30
Firenze	0.14	Salerno	0.15
Foggia	0.19	Sassari	0.22
Forlì-Cesena	0.11	Savona	0.09
Frosinone	0.34	Siena	0.13
Genova	0.05	Siracusa	0.02
Gorizia	0.29	Sondrio	0.02
Grosseto	0.23	Taranto	0.21
Imperia	0.05	Teramo	0.06
Isernia	0.18	Terni	0.37
La Spezia	0.37	Torino	0.10
L'Aquila	0.05	Trapani	0.09
Latina	0.28	Trento	0.31
Lecce	0.03	Treviso	0.26
Lecco	0.39	Trieste	0.06
Livorno	0.39	Udine	0.32
Lodi	0.08	Valle d'Aosta	0.08
Lucca	0.26	Varese	0.17
Macerata	0.14	Venezia	0.35
Mantova	0.29	Verbano-Cusio-Ossola	0.08
Massa-Carrara	0.19	Vercelli	0.02
Matera	0.14	Verona	0.09
Messina	0.26	Vibo Valentia	0.25
Milano	0.11	Vicenza	0.28
Modena	0.04	Viterbo	0.21
Napoli	0.14		
Novara	0.03	<b>Korea, Rep.</b>	<b>0.07</b>
Nuoro	0.28		
Oristano	0.23	<b>Luxembourg</b>	<b>0.08</b>
Padova	0.33		
Palermo	0.15	<b>Moldova</b>	<b>0.32</b>
Parma	0.10		
Pavia	0.15	<b>Morocco</b>	<b>0.25</b>
Perugia	0.39		
Pesaro e Urbino	0.11	<b>New Zealand</b>	<b>0.34</b>
Pescara	0.06	Auckland	0.48
Piacenza	0.07	Canterbury	0.24
Pisa	0.22	Gisborne	0.31
Pistoia	0.15	Hawkes Bay	0.45
Pordenone	0.37	Marlborough	0.21
Potenza	0.11	Nelson	0.27
Prato	0.19	Otago	0.19
Ragusa	0.08	Waikato	0.59
Ravenna	0.04	Waipara	0.28
Reggio di Calabria	0.22	Wairarapa	0.30
Reggio nell'Emilia	0.02		
Rieti	0.19		
Rimini	0.11		

Table 88 (cont.): VSI of each country and region relative of the world, 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Portugal</b>	<b>0.44</b>	<b>Spain</b>	
Acores	0.26	Cuenca	0.49
Alentejo	0.23	Galicia	0.28
Algarve	0.25	Girona, Lleida	0.41
Alto Tras-os-Montes	0.45	Guadalajara	0.41
Beira Interior	0.43	Guipuzcoa, Vizcaya	0.03
Beira Litoral	0.28	Huelva	0.03
Entre Douro e Minho	0.23	Huesca, Teruel	0.38
Madeira	0.26	Illes Balears	0.34
Ribatejo e Oeste	0.28	La Rioja	0.29
<b>Romania</b>	<b>0.55</b>	Leon	0.16
<b>Russia</b>	<b>0.48</b>	Malaga	0.45
<b>Serbia</b>	<b>0.26</b>	Principado de Asturias	0.20
<b>Slovakia</b>	<b>0.32</b>	Region de Murcia	0.19
<b>Slovenia</b>	<b>0.55</b>	Tarragona	0.19
<b>South Africa</b>	<b>0.29</b>	Toledo	0.56
Breedekloof	0.22	Valencia	0.23
Little Karoo	0.32	Valladolid	0.42
Northern Cape	0.11	Zamora	0.47
Olifants River	0.18	Zaragoza	0.33
Paarl	0.41		
Robertson	0.44	<b>Switzerland</b>	<b>0.13</b>
Stellenbosch	0.59	Aargau	0.11
Swartland	0.36	Basel Land	0.14
Worcester	0.34	Bern	0.12
<b>Spain</b>	<b>0.69</b>	Fribourg	0.05
Alava	0.17	Geneva	0.10
Albacete	0.55	Graubünden	0.12
Alicante	0.41	Jura	0.30
Almeria, Granada, Jaen, Seville	0.50	Lucerne	0.10
Avila, Palencia, Salamanca	0.41	Neuchâtel	0.08
Badajoz	0.10	Schaffhausen	0.10
Barcelona	0.20	Schwyz	0.18
Burgos	0.24	St. Gallen	0.12
Caceres	0.21	Thurgau	0.11
Cadiz	0.05	Ticino	0.30
Canarias	0.13	Valais	0.10
Cantabria	0.06	Vaud	0.05
Castellon	0.48	Zürich	0.12
Ciudad Real	0.55	other regions	0.10
Comunidad de Madrid	0.56		
Comunidad Foral de Navarra	0.46	<b>Taiwan</b>	<b>0.00</b>
Cordoba	0.04	<b>Tunisia</b>	<b>0.35</b>
		<b>United Kingdom</b>	<b>0.35</b>

Table 88 (cont.): VSI of each country and region relative of the world, 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>United States</b>	<b>0.42</b>	<b>United States (cont.)</b>	
Alameda	0.36	Stanislaus	0.33
Amador	0.08	Sutter	0.19
Benton Co.	0.15	Tehama	0.29
Butte	0.27	Trinity	0.42
Calaveras	0.38	Tulare	0.25
Chautauqua-Erie	0.02	Valley - other	0.20
Columbia River	0.46	Ventura	0.13
Colusa	0.07	Washington	0.44
Contra Costa	0.25	Washington Co.	0.23
Douglas Co.	0.41	Yamhill Co.	0.16
El Dorado	0.39	Yolo	0.31
Finger Lakes	0.11	Yuba	0.33
Fresno	0.21		
Glenn	0.30	<b>Uruguay</b>	<b>0.21</b>
Humboldt	0.21		
Josephine Co.	0.25	<b>Missing 9</b>	<b>0.41</b>
Kern	0.22		
Kings	0.20		
Lake	0.40		
Lane Co.	0.18		
Los Angeles	0.27		
Madera	0.27		
Marin	0.41		
Marion Co.	0.18		
Mariposa	0.43		
Mendocino	0.38		
Merced	0.37		
Michigan	0.41		
Monterey	0.33		
Napa	0.45		
Nevada	0.42		
New York - other	0.31		
Oregon - other	0.42		
Placer	0.15		
Polk Co.	0.18		
Riverside	0.27		
Sacramento	0.41		
San Benito	0.43		
San Bernardino	0.15		
San Diego	0.42		
San Joaquin	0.29		
San Luis Obispo	0.43		
San Mateo	0.28		
Santa Barbara	0.26		
Santa Clara	0.42		
Santa Cruz	0.26		
Shasta	0.23		
Solano	0.42		
Sonoma	0.40		

Table 89: VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Algeria</b>	<b>0.36</b>	<b>Argentina (cont.)</b>	
<b>Argentina</b>	<b>0.39</b>	Lavalle	0.33
Adolfo Alsina	0.48	Leandro Alem	0.06
Albardón	0.13	Luján de Cuyo	0.31
Ambato	0.45	Maipú	0.43
Andalgala	0.05	Malargüe	0.14
Añelo	0.44	Molinos	0.24
Angaco	0.13	Nogoya	0.37
Arauco	0.04	Nueve de Julio	0.23
Avellaneda - Río Negro	0.41	Pichi Mahuida	0.22
Belén	0.05	Picunches	0.37
Cachi	0.23	Pocito	0.19
Cafayate	0.31	Poman	0.08
Calamuchita	0.63	Puelen	0.57
Calingasta	0.43	Rawson	0.13
Capital San Juan	0.06	Rivadavia - Mza	0.28
Castro Barros	0.50	Rivadavia - San Juan	0.19
Caucete	0.25	San Blas De Los Sauces	0.09
Chilecito	0.30	San Carlos - Mza	0.31
Chimbas	0.13	San Carlos - Salta	0.07
Chos Malal	0.39	San Javier	0.32
Collon Cura	0.18	San Martín - Mza	0.25
Colón - Cba	0.26	San Martín - San Juan	0.23
Colón - Entre Ríos	0.45	San Rafael	0.36
Concordia	0.25	Sanagasta	0.02
Conesa	0.11	Santa Lucía	0.10
Confluencia	0.45	Santa María - Catamarca	0.45
Coronel Felipe Varela	0.10	Santa María - Cba	0.44
Coronel Suarez	0.34	Santa Rosa - Mza	0.32
Cruz del Eje	0.03	Sarmiento - San Juan	0.32
Cushamen	0.44	Tafí del Valle	0.35
El Cuy	0.40	Tandil	0.36
Famatina	0.18	Tilcara	0.30
General Alvear	0.21	Tinogasta	0.10
General Lamadrid	0.22	Tornquist	0.34
General Roca	0.41	Totoral	0.14
Godoy Cruz	0.05	Tulumba	0.17
Guaymallén	0.31	Tumbaya	0.41
Iglesia	0.05	Tunuyán	0.45
Ischilin	0.30	Tupungato	0.48
Jachal	0.35	Ullum	0.37
Junín - Mza	0.27	Valle Fértil	0.04
Junín - San Luis	0.26	Veinticinco de Mayo - Mis	0.07
La Paz	0.40	Veinticinco de Mayo - San	0.28
La Rioja	0.06	Victoria	0.38
La Viña	0.29	Villarino	0.50
Las Heras	0.31	Vinchina	0.04
		Zonda	0.26

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Armenia</b>	<b>0.19</b>	<b>Australia (cont.)</b>	
		Macedon Ranges	0.44
<b>Australia</b>	<b>0.62</b>	Manjimup	0.63
Adelaide Hills	0.58	Margaret River	0.63
Adelaide Plains	0.60	McLaren Vale	0.48
Alpine Valleys	0.68	Mornington Peninsula	0.35
Australian Capital Territor	0.48	Mount Benson	0.65
Barossa - other	0.34	Mount Lofty Ranges - othe	0.46
Barossa Valley	0.45	Mudgee	0.62
Beechworth	0.67	Murray Darling (NSW)	0.61
Bendigo	0.47	Murray Darling (VIC)	0.59
Big Rivers - other	0.54	New England Australia	0.31
Blackwood Valley	0.60	North East Victoria - other	0.69
Canberra District (ACT)	0.54	North West Victoria - othe	0.62
Canberra District (NSW)	0.61	Northern Rivers - other	0.44
Central Ranges - other	0.63	Northern Slopes - other	0.66
Central Victoria - other	0.43	Orange	0.65
Central Western Australia	0.57	Padthaway	0.63
Clare Valley	0.51	Peel	0.63
Coonawarra	0.55	Pemberton	0.48
Cowra	0.46	Perricoota	0.58
Currency Creek	0.58	Perth Hills	0.48
Eastern Plains, Inland and	0.37	Port Phillip - other	0.46
Eden Valley	0.46	Pyrenees	0.49
Far North - other	0.45	Queensland - other	0.56
Fleurieu - other	0.52	Riverina	0.54
Geelong	0.41	Riverland	0.59
Geographe	0.65	Robe	0.61
Gippsland	0.46	Rutherglen	0.41
Glenrowan	0.54	Shoalhaven Coast	0.54
Goulburn Valley	0.61	South Burnett	0.56
Grampians	0.39	South Coast - other	0.58
Granite Belt	0.70	South West Australia - oth	0.60
Great Southern	0.60	Southern Fleurieu	0.56
Greater Perth - other	0.40	Southern Flinders Ranges	0.33
Gundagai	0.47	Southern Highlands	0.69
Hastings River	0.44	Southern NSW - other	0.48
Heathcote	0.41	Strathbogie Ranges	0.62
Henty	0.37	Sunbury	0.54
Hilltops	0.58	Swan District	0.56
Hunter	0.44	Swan Hill (NSW)	0.60
Hunter Valley - other	0.37	Swan Hill (VIC)	0.60
Kangaroo Island	0.54	Tasmania	0.34
King Valley	0.71	The Peninsulas	0.58
Langhorne Creek	0.59	Tumbarumba	0.40
Limestone Coast - other	0.63	Upper Goulburn	0.60
Lower Murray - other	0.56	Western Australia Southea	0.51

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Australia (cont.)</b>		<b>China</b>	<b>0.47</b>
Western Plains - other	0.48	Beijing	0.41
Western Victoria - other	0.62	Gansu	0.53
Wrattonbully	0.61	Ningxia	0.45
Yarra Valley	0.52	Shandong	0.41
		ShanXi	0.58
<b>Austria</b>	<b>0.15</b>	Sichuan	0.41
Burgenland	0.20	Tianjin	0.41
Niederosterreich	0.09	Xinjiang	0.53
Steiermark	0.27	Yantai	0.41
Wien and other regions	0.27	other regions	0.44
<b>Brazil</b>	<b>0.14</b>	<b>Croatia</b>	<b>0.32</b>
<b>Bulgaria</b>	<b>0.55</b>	Dalmatinska Zagora	0.12
North Central	0.53	Hrvatsko Primorje	0.09
Northeast	0.39	Istra	0.15
Northwest	0.52	Moslavina	0.21
South Central	0.52	Plesivica	0.26
Southeast	0.51	Podunavlje	0.18
Southwest	0.23	Pokuplje	0.16
<b>Canada</b>	<b>0.51</b>	Prigorje - Bilogora	0.17
British Colombia	0.61	Sjeverna Dalmacija	0.33
Ontario	0.35	Slavonija	0.16
		Srednja Juzna Dalmacija	0.06
		Zagorje-Medimurje	0.22
		other regions	0.22
<b>Chile</b>	<b>0.60</b>	<b>Cyprus</b>	<b>0.11</b>
Araucania	0.33	<b>Czechia</b>	<b>0.26</b>
Atacama	0.32	Cechy	0.22
Coquimbo	0.57	Morava	0.26
De Los Lagos	0.33	<b>Ethiopia</b>	<b>0.12</b>
Del Bio Bio	0.37		
Del Maule	0.58		
Metropolitana	0.55		
O'Higgins	0.58		
Valparaiso	0.42		

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>France</b>	<b>0.73</b>	<b>France (cont.)</b>	
Ain	0.22	Lot	0.16
Aisne	0.09	Lot-et-Garonne	0.55
Allier	0.18	Lozere	0.38
Alpes-de-Haute-Provence,	0.55	Maine-et-Loire	0.17
Alpes-Maritimes	0.25	Marne	0.25
Ardeche	0.61	Mayenne	0.31
Ariege	0.45	Meurthe-et-Moselle	0.13
Aube	0.18	Meuse	0.23
Aude	0.62	Moselle	0.23
Aveyron	0.12	Nievre	0.19
Bas-Rhin	0.12	Puy-de-Dome	0.10
Bouches-du-Rhone	0.52	Pyrenees-Atlantiques	0.08
Cantal	0.33	Pyrenees-Orientales	0.43
Charente	0.17	Rhone	0.06
Charente-Maritime	0.18	Saone-et-Loire	0.31
Cher	0.20	Sarthe	0.07
Correze	0.28	Savoie	0.08
Corse	0.16	Seine-et-Marne	0.23
Cote-d'Or	0.22	Tarn	0.32
Deux-Sevres	0.20	Tarn-et-Garonne	0.15
Dordogne	0.45	Var	0.46
Doubs	0.37	Vaucluse	0.37
Drome	0.40	Vendee	0.31
Eure-et-Loire	0.26	Vienne	0.34
Gard	0.60	Vosges	0.00
Gers	0.27	Yonne	0.30
Gironde	0.51		
Haute-Corse	0.48	<b>Georgia</b>	<b>0.11</b>
Haute-Garonne	0.21		
Haute-Loire	0.16	<b>Germany</b>	<b>0.16</b>
Haute-Marne	0.20	Ahr	0.15
Hautes-Alpes	0.37	Baden	0.18
Haute-Saone	0.37	Franken	0.07
Haute-Savoie	0.06	Hessische Bergstraße	0.13
Hautes-Pyrenees	0.19	Mittelrhein	0.10
Haut-Rhin	0.12	Mosel	0.09
Herault	0.65	Nahe	0.13
Indre	0.32	Pfalz	0.16
Indre-et-Loire	0.12	Rheingau	0.10
Isere	0.20	Rheinhessen	0.13
Jura	0.28	Saale	0.10
Landes	0.26	Sachsen	0.12
Loire	0.18	Württemberg	0.11
Loire-Atlantique	0.05		
Loiret	0.33		
Loir-et-Cher	0.24		

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Greece</b>	<b>0.22</b>	<b>Italy</b>	<b>0.45</b>
Anatoliki Makedonia, Thr:	0.65	Agrigento	0.30
Attiki	0.02	Alessandria	0.08
Dytiki Ellada	0.07	Ancona	0.10
Dytiki Makedonia	0.09	Arezzo	0.18
Ionia Nisia	0.20	Ascoli Piceno	0.19
Ipeiros	0.18	Asti	0.08
Kentriki Makedonia	0.49	Avellino	0.04
Kriti	0.11	Bari	0.12
Notio Aigaio	0.15	Barletta-Andria-Trani	0.16
Peloponnisos	0.11	Belluno	0.16
Stereia Ellada	0.06	Benevento	0.13
Thessalia	0.16	Bergamo	0.61
Voreio Aigaio	0.09	Biella	0.06
		Bologna	0.18
<b>Hungary</b>	<b>0.35</b>	Bolzano-Bozen	0.31
Badacsony	0.20	Brescia	0.40
Balatonboglár	0.49	Brindisi	0.09
Balatonfelvidek	0.18	Cagliari	0.26
Balatonfured-Csopak	0.23	Caltanissetta	0.09
Bukk	0.19	Campobasso	0.18
Csongrad	0.13	Carbonia-Iglesias	0.13
Eger	0.39	Caserta	0.17
Etyek-Budai	0.40	Catania	0.07
Hajos-bajai	0.33	Catanzaro	0.11
Kunsag	0.13	Chieti	0.15
Matra	0.28	Como	0.35
Mor	0.19	Cosenza	0.13
Nagy-Somlo	0.19	Cremona	0.20
Neszmely	0.34	Crotone	0.03
Pannonhalma	0.25	Cuneo	0.08
Pecs	0.41	Enna	0.20
Sopron	0.13	Fermo	0.20
Szekszard	0.37	Ferrara	0.15
Tokaj	0.02	Firenze	0.17
Tolna	0.44	Foggia	0.22
Villany	0.49	Forlì-Cesena	0.14
Zala	0.24	Frosinone	0.29
		Genova	0.13
<b>Israel</b>	<b>0.52</b>	Gorizia	0.39
		Grosseto	0.23
		Imperia	0.07
		Isernia	0.23
		La Spezia	0.16
		L'Aquila	0.07
		Latina	0.30
		Lecce	0.05

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
Lecce	0.05	<b>Italy (cont.)</b>	
Lecco	0.57	Taranto	0.12
Livorno	0.59	Teramo	0.08
Lodi	0.11	Terni	0.44
Lucca	0.33	Torino	0.09
Macerata	0.25	Trapani	0.18
Mantova	0.36	Trento	0.37
Massa-Carrara	0.35	Treviso	0.15
Matera	0.25	Trieste	0.11
Medio Campidano	0.12	Udine	0.42
Messina	0.18	Valle d'Aosta	0.21
Milano	0.23	Varese	0.42
Modena	0.02	Venezia	0.41
Monza e della Brianza	0.14	Verbano-Cusio-Ossola	0.21
Napoli	0.06	Vercelli	0.03
Novara	0.05	Verona	0.10
Nuoro	0.27	Vibo Valentia	0.09
Ogliastra	0.26	Vicenza	0.50
Olbia-Tempio	0.11	Viterbo	0.27
Oristano	0.26		
Padova	0.44	<b>Japan</b>	<b>0.52</b>
Palermo	0.21	Hokkaido	0.03
Parma	0.19	Nagano	0.46
Pavia	0.18	Yamagata	0.46
Perugia	0.36	Yamanashi	0.26
Pesaro e Urbino	0.10	other regions	0.51
Pescara	0.08		
Piacenza	0.11	<b>Kazakhstan</b>	<b>0.14</b>
Pisa	0.22	Almaty	0.14
Pistoia	0.17	East Kazakhstan	0.27
Pordenone	0.33	South Kazakhstan	0.10
Potenza	0.07	West Kazakhstan	0.22
Prato	0.22	Zhambyl	0.20
Ragusa	0.12	other regions	0.25
Ravenna	0.07		
Reggio di Calabria	0.18	<b>Korea, Rep.</b>	<b>0.04</b>
Reggio nell'Emilia	0.03		
Rieti	0.32	<b>Luxembourg</b>	<b>0.07</b>
Rimini	0.18		
Roma	0.21	<b>Mexico</b>	<b>0.52</b>
Rovigo	0.34	Aguascalientes	0.09
Salerno	0.19	Baja California	0.65
Sassari	0.26	Coahuila	0.38
Savona	0.06	Sonora	0.01
Siena	0.17	Zacatecas	0.04
Siracusa	0.05		
Sondrio	0.02		

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Moldova</b>	<b>0.44</b>	<b>Russia</b>	<b>0.48</b>
		Krasnodar Krai	0.51
<b>Morocco</b>	<b>0.15</b>	Rostov Oblast	0.12
<b>Myanmar</b>	<b>0.38</b>	<b>Serbia</b>	<b>0.15</b>
<b>New Zealand</b>	<b>0.31</b>	<b>Slovakia</b>	<b>0.22</b>
Auckland	0.61	Juznoslovenska	0.26
Canterbury	0.30	Malokarpatska	0.16
Gisborne	0.39	Nitrianska	0.19
Hawkes Bay	0.61	Stredné Slovensko	0.21
Marlborough	0.21	Tokajská	0.03
Nelson	0.32	Východné Slovensko	0.21
Otago	0.17		
Waikato	0.65	<b>Slovenia</b>	<b>0.42</b>
Waipara	0.25	Bela Krajina	0.23
Wairarapa	0.26	Bizeljsko Sremic	0.20
other regions	0.19	Dolenjska	0.10
		Goriska brda	0.44
<b>Peru</b>	<b>0.03</b>	Kras	0.05
Arequipa	0.03	Prekmurje	0.26
Lima	0.02	Slovenska Istra	0.13
Moquegua	0.01	Stajerska Slovenija	0.31
Tacna	0.04	Vipavská dolina	0.54
		other regions	0.19
<b>Portugal</b>	<b>0.29</b>		
Acores	0.01	<b>South Africa</b>	<b>0.51</b>
Alentejo	0.33	Breedekloof	0.39
Algarve	0.11	Little Karoo	0.30
Alto Tras-os-Montes	0.19	Northern Cape	0.13
Beira Interior	0.14	Olifants River	0.29
Beira Litoral	0.14	Paarl	0.58
Entre Douro e Minho	0.02	Robertson	0.52
Madeira	0.01	Stellenbosch	0.66
Ribatejo e Oeste	0.21	Swartland	0.53
		Worcester	0.44
<b>Romania</b>	<b>0.33</b>		
Bucuresti - Ilfov	0.21		
Centru	0.20		
Nord-Est	0.22		
Nord-Vest	0.21		
Sud - Muntenia	0.31		
Sud-Est	0.39		
Sud-Vest Oltenia	0.27		
Vest	0.47		

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Spain</b>	<b>0.63</b>	<b>Switzerland (cont.)</b>	
Alava	0.46	Lucerne	0.17
Albacete	0.53	Neuchâtel	0.15
Alicante	0.21	Schaffhausen	0.16
Almeria, Granada, Jaen, Seville	0.43	Schwyz	0.20
Avila, Palencia, Salamanca	0.42	St. Gallen	0.18
Badajoz	0.25	Thurgau	0.16
Barcelona	0.26	Ticino	0.41
Burgos	0.33	Valais	0.19
Caceres	0.54	Vaud	0.07
Cadiz	0.05	Zürich	0.17
Canarias	0.08	other regions	0.18
Cantabria	0.18		
Castellon	0.49	<b>Taiwan</b>	<b>0.01</b>
Ciudad Real	0.45		
Comunidad de Madrid	0.56	<b>Thailand</b>	<b>0.31</b>
Comunidad Foral de Navarra	0.48		
Cordoba	0.05	<b>Tunisia</b>	<b>0.26</b>
Cuenca	0.47		
Galicia	0.16	<b>Turkey</b>	<b>0.24</b>
Girona, Lleida	0.67	Aegean	0.27
Guadalajara	0.48	Central East	0.00
Guipuzcoa, Vizcaya	0.03	Central North	0.08
Huelva	0.01	Central South	0.01
Huesca, Teruel	0.69	Marmara	0.15
Illes Balears	0.56	Mediterranean	0.55
La Rioja	0.38	South East	0.00
Leon	0.07		
Malaga	0.08	<b>Ukraine</b>	<b>0.36</b>
Principado de Asturias	0.18		
Region de Murcia	0.15	<b>United Kingdom</b>	<b>0.27</b>
Tarragona	0.35		
Toledo	0.46	<b>United States</b>	<b>0.67</b>
Valencia	0.23	Alameda	0.64
Valladolid	0.28	Amador	0.15
Zamora	0.40	Arizona	0.21
Zaragoza	0.47	Arkansas	0.21
		Benton Co.	0.17
<b>Switzerland</b>	<b>0.22</b>	Butte	0.48
Aargau	0.17	Calaveras	0.70
Basel Land	0.17	Chautauqua-Erie	0.02
Bern	0.16	Colorado	0.67
Fribourg	0.11	Columbia Gorge	0.38
Geneva	0.20	Columbia River	0.64
Graubünden	0.17	Columbia Valley	0.66
Jura	0.25		

Table 89 (cont.): VSI of each country and region relative of the world, 2010

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>United States (cont.)</b>			<b>United States (cont.)</b>
Colusa	0.22	San Benito	0.51
Contra Costa	0.42	San Bernardino	0.08
Douglas Co.	0.28	San Diego	0.63
El Dorado	0.58	San Joaquin	0.48
Finger Lakes	0.15	San Luis Obispo	0.66
Fresno	0.26	San Mateo	0.36
Georgia	0.21	Santa Barbara	0.45
Glenn	0.34	Santa Clara	0.68
Horse Heaven Hills	0.69	Santa Cruz	0.37
Humboldt	0.63	Shasta	0.54
Illinois	0.13	Siskiyou	0.55
Indiana	0.15	Snipes Mountain	0.68
Iowa	0.00	Solano	0.52
Jackson Co.	0.56	Sonoma	0.60
Josephine Co.	0.29	Stanislaus	0.60
Kentucky	0.28	Sutter	0.21
Kern	0.39	Tehama	0.35
Kings	0.20	Texas	0.71
Lake	0.54	Trinity	0.53
Lake Chelan	0.40	Tulare	0.40
Lane Co.	0.15	Tuolumne	0.43
Los Angeles	0.60	Ventura	0.33
Madera	0.49	Virginia	0.56
Marin	0.19	Wahluke Slope	0.67
Marion Co.	0.17	Walla Walla Valley	0.61
Mariposa	0.62	Washington Co.	0.18
Mendocino	0.59	Willamette Valley - other	0.21
Merced	0.58	Yakima Valley	0.57
Michigan	0.36	Yamhill Co.	0.17
Minnesota	0.03	Yolo	0.46
Missouri	0.05	Yuba	0.48
Monterey	0.52		
Napa	0.62	<b>Uruguay</b>	<b>0.35</b>
Nevada	0.65		
New York - other	0.48		
North Carolina	0.21		
Ohio	0.07		
Orange	0.14		
Pennsylvania	0.12		
Placer	0.25		
Polk Co.	0.17		
Puget Sound	0.25		
Rattlesnake Hills	0.54		
Red Mountain	0.57		
Riverside	0.69		
Sacramento	0.66		

Table 90: VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Algeria</b>	<b>0.43</b>	<b>Argentina (cont.)</b>	
<b>Argentina</b>	<b>0.37</b>	Famatina	0.19
Adolfo Alsina	0.44	Futaleufu	0.32
Albardón	0.12	General Alvear	0.24
Andalgala	0.08	General Belgrano	0.07
Añelo	0.45	General Lamadrid	0.17
Angaco	0.11	General Pueyrredón	0.41
Avellaneda - Río Negro	0.38	General Roca	0.39
Ayacucho	0.25	Godoy Cruz	0.07
Balcarce	0.35	Gualeguaychu	0.16
Bariloche	0.30	Guaymallén	0.34
Belén	0.08	Humahuaca	0.27
Benito Juárez	0.07	Iglesia	0.07
Cachi	0.14	Ischilin	0.35
Cafayate	0.26	Junín - Bs. As.	0.06
Caingua	0.02	Junín - Mza	0.28
Calamuchita	0.38	Junín - San Luis	0.31
Calingasta	0.41	La Paz	0.42
Cañuelas	0.10	La Viña	0.24
Capayán	0.07	Lacar	0.40
Capital Misiones	0.08	Languiñeо	0.28
Capital San Juan	0.04	Las Heras	0.30
Capital San Luis	0.38	Lavalle	0.32
Capital Santiago del Estero	0.00	Leandro Alem	0.07
Castro Barros	0.46	Luján de Cuyo	0.26
Caucete	0.23	Maipú	0.38
Chilecito	0.30	Molinos	0.20
Chimbas	0.12	Nogoya	0.38
Chos Malal	0.26	Ñorquin	0.38
Collon Cura	0.19	Nueve de Julio	0.21
Colón - Cba	0.38	Paraná	0.44
Colón - Entre Ríos	0.42	Pehuenches	0.07
Concordia	0.30	Pichi Mahuida	0.19
Conesa	0.06	Picún Leufú	0.27
Confluencia	0.37	Picunches	0.35
Coronel Felipe Varela	0.12	Pocito	0.18
Coronel Pringles	0.28	Poman	0.10
Coronel Suarez	0.40	Puelen	0.39
Cruz del Eje	0.17	Punilla	0.17
Curaco	0.46	Rawson	0.11
Cushamen	0.46	Rivadavia - Mza	0.28
Daireaux	0.51	Rivadavia - San Juan	0.21
De La Costa	0.07	Saavedra	0.64
Diamante	0.13	San Alberto	0.26
El Carmen	0.58	San Blas De Los Sauces	0.13
El Cuy	0.35	San Carlos - Mza	0.24
		San Carlos - Salta	0.11

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Argentina (cont.)</b>		<b>Australia (cont.)</b>	
San Javier	0.29	Blackwood Valley	0.62
San Martín - Mza	0.25	Canberra District (ACT)	0.54
San Martín - San Juan	0.22	Canberra District (NSW)	0.57
San Rafael	0.40	Central Ranges - other	0.61
Sanagasta	0.05	Central Victoria - other	0.38
Santa Lucía	0.09	Central Western Australia	0.45
Santa María - Catamarca	0.46	Clare Valley	0.53
Santa María - Cba	0.48	Coonawarra	0.56
Santa Rosa - Catamarca	0.04	Cowra	0.49
Santa Rosa - Mza	0.29	Currency Creek	0.59
Sarmiento - Chubut	0.31	Eastern Plains, Inland and	0.26
Sarmiento - San Juan	0.31	Eden Valley	0.49
Tafí del Valle	0.30	Far North - other	0.24
Tandil	0.46	Fleurieu - other	0.50
Tilcara	0.21	Geelong	0.38
Tinogasta	0.12	Geographe	0.69
Tornquist	0.35	Gippsland	0.47
Trancas	0.07	Glenrowan	0.51
Tulumba	0.37	Goulburn Valley	0.62
Tumbaya	0.43	Grampians	0.36
Tunuyán	0.32	Granite Belt	0.65
Tupungato	0.37	Great Southern	0.62
Ullum	0.41	Greater Perth - other	0.52
Uruguay	0.63	Gundagai	0.44
Valle Fértil	0.24	Hastings River	0.32
Valle Viejo	0.23	Heathcote	0.40
Veinticinco de Mayo - Mi	0.08	Henty	0.36
Veinticinco de Mayo - Sar	0.25	Hilltops	0.60
Victoria	0.37	Hunter	0.41
Villa Gesell	0.07	Hunter Valley - other	0.32
Villarino	0.53	Kangaroo Island	0.56
Vinchina	0.05	King Valley	0.67
Zonda	0.24	Langhorne Creek	0.59
<b>Armenia</b>	<b>0.02</b>	Limestone Coast - other	0.64
		Lower Murray - other	0.58
		Macedon Ranges	0.46
<b>Australia</b>	<b>0.63</b>	Manjimup	0.43
Adelaide Hills	0.53	Margaret River	0.64
Adelaide Plains	0.57	McLaren Vale	0.46
Alpine Valleys	0.68	Mornington Peninsula	0.33
Barossa - other	0.41	Mount Benson	0.64
Barossa Valley	0.41	Mount Gambier	0.37
Beechworth	0.63	Mount Lofty Ranges - oth	0.47
Bendigo	0.49	Mudgee	0.65
Big Rivers - other	0.56	Murray Darling (NSW)	0.64
		Murray Darling (VIC)	0.64

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Australia (cont.)</b>		<b>Austria</b>	<b>0.15</b>
New England Australia	0.58	Bergland	0.43
North East Victoria - other	0.47	Carnuntum	0.21
North West Victoria - othe	0.56	Kamptal	0.08
Northern Rivers - other	0.15	Kremstal	0.07
Northern Slopes	0.64	Mittelburgenland	0.11
Orange	0.69	Neusiedlersee	0.20
Padthaway	0.59	Neusiedlersee Hügelland	0.22
Peel	0.72	Steirerland - other	0.05
Pemberton	0.46	Südburgenland	0.19
Perricoota	0.60	Südsteiermark	0.29
Perth Hills	0.68	Thermenregion	0.24
Port Phillip - other	0.63	Traisental	0.07
Pyrenees	0.55	Vulkanland Steiermark	0.24
Queensland - other	0.46	Wachau	0.07
Riverina	0.57	Wagram	0.09
Riverland	0.61	Weinviertel	0.08
Robe	0.63	Weststeiermark	0.06
Rutherglen	0.40	Wien	0.21
Shoalhaven Coast	0.53	other regions	0.10
South Burnett	0.56		
South Coast - other	0.63	<b>Brazil</b>	<b>0.10</b>
South West Australia - oth	0.69		
Southern Fleurieu	0.58	<b>Bulgaria</b>	<b>0.55</b>
Southern Flinders Ranges	0.34	North Central	0.33
Southern Highlands	0.60	Northeast	0.30
Southern NSW - other	0.57	Northwest	0.55
Strathbogie Ranges	0.56	South Central	0.56
Sunbury	0.57	Southeast	0.53
Swan District	0.38	Southwest	0.25
Swan Hill (NSW)	0.62		
Swan Hill (VIC)	0.57	<b>Cambodia</b>	<b>0.47</b>
Tasmania	0.35		
The Peninsulas	0.61	<b>Canada</b>	<b>0.42</b>
Tumbarumba	0.35	British Columbia	0.63
Upper Goulburn	0.64	Nova Scotia	0.24
Western Australia Southea	0.48	Ontario	0.25
Western Plains	0.55	Quebec	0.12
Western Victoria - other	0.65	other regions	0.25
Wrattonbully	0.63		
Yarra Valley	0.53		

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Chile</b>	<b>0.64</b>	<b>France (cont.)</b>	
Antofagasta	0.29	Midi Pyrénées	0.39
Araucania	0.34	Pays de la Loire	0.19
Arica	0.01	Picardie	0.16
Atacama	0.05	Poitou Charentes	0.20
Coquimbo	0.15	Provence-Alpes-Cote d'Az	0.43
De Los Lagos	0.34	Rhône Alpes	0.36
Del Bío Bío	0.18		
Del Maule	0.62	<b>Georgia</b>	<b>0.10</b>
Metropolitana	0.58		
O'Higgins	0.61	<b>Germany</b>	<b>0.18</b>
Tarapaca	0.05	Ahr	0.16
Valparaíso	0.43	Baden	0.19
		Franken	0.07
<b>China</b>	<b>0.57</b>	Hessische Bergstraße	0.16
		Mittelrhein	0.11
<b>Croatia</b>	<b>0.20</b>	Mosel	0.11
Jadranska Hrvatska	0.20	Nahe	0.15
Kontinentalna Hrvatska	0.11	Pfalz	0.19
		Rheingau	0.11
<b>Cyprus</b>	<b>0.01</b>	Rheinhessen	0.15
		Saale	0.12
<b>Czechia</b>	<b>0.22</b>	Sachsen	0.14
Cechy	0.18	Württemberg	0.13
Jihovýchod	0.22		
Morava	0.21	<b>Greece</b>	<b>0.19</b>
Praha	0.16	Anatoliki Makedonia, Thr	0.67
Severozápad	0.13	Attiki	0.03
		Dytiki Ellada	0.06
<b>Ethiopia</b>	<b>0.11</b>	Dytiki Makedonia	0.12
		Ionia Nisia	0.20
<b>France</b>	<b>0.78</b>	Ipeiros	0.50
Alsace	0.15	Kentriki Makedonia	0.44
Aquitaine	0.54	Kriti	0.06
Auvergne	0.19	Notio Aigaio	0.03
Bourgogne	0.35	Peloponnisos	0.10
Centre-Val de Loire	0.26	Stereia Ellada	0.08
Champagne-Ardenne	0.26	Thessalia	0.07
Corse	0.45	Voreio Aigaio	0.14
Franche Comté	0.28		
Île de France	0.12		
Languedoc Roussillon	0.69		
Limousin	0.40		
Lorraine	0.15		

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Hungary</b>	<b>0.32</b>	Italy (cont.)	
Badacsony	0.15	Trento	0.43
Balatonboglár	0.50	Umbria	0.40
Balatonfelvidek	0.16	Valle d'Aosta	0.28
Balatonfured-Csopak	0.21	Veneto	0.35
Bukk	0.18		
Csongrad	0.14	<b>Japan</b>	<b>0.20</b>
Eger	0.39	Hokkaido	0.13
Etyek-Budai	0.41	Iwate	0.17
Hajos-bajai	0.22	Nagano	0.21
Kunsag	0.08	Niigata	0.54
Matra	0.27	Yamagata	0.22
Mor	0.25	Yamanashi	0.06
Nagy-Somlo	0.14	other regions	0.19
Neszmely	0.36		
Pannonhalma	0.22	<b>Kazakhstan</b>	<b>0.13</b>
Pecs	0.44	Almaty	0.13
Sopron	0.15	East Kazakhstan	0.35
Szekszard	0.40	South Kazakhstan	0.10
Tokaj	0.02	West Kazakhstan	0.34
Tolna	0.44	Zhambyl	0.20
Villany	0.51	other regions	0.30
Zala	0.39		
<b>India</b>	<b>0.29</b>	<b>Korea, Rep.</b>	<b>0.07</b>
<b>Israel</b>	<b>0.61</b>	<b>Lebanon</b>	<b>0.73</b>
<b>Italy</b>	<b>0.50</b>	<b>Luxembourg</b>	<b>0.14</b>
Abruzzo	0.13		
Basilicata	0.07	<b>Mexico</b>	
Bolzano-Bozen	0.32	Aguascalientes	<b>0.06</b>
Calabria	0.07	Baja California	0.72
Campania	0.07	Coahuila	0.40
Emilia-Romagna	0.16	Sonora	0.01
Friuli-Venezia Giulia	0.40	Zacatecas	0.04
Lazio	0.26		
Liguria	0.15	<b>Moldova</b>	<b>0.54</b>
Lombardia	0.37		
Marche	0.19	<b>Morocco</b>	<b>0.32</b>
Molise	0.13		
Piemonte	0.16	<b>Myanmar</b>	<b>0.38</b>
Puglia	0.26		
Sardegna	0.26		
Sicilia	0.22		
Toscana	0.22		

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>New Zealand</b>	<b>0.29</b>	<b>Serbia</b>	<b>0.61</b>
Auckland	0.65	Bačka	0.54
Canterbury	0.29	Banat	0.57
Gisborne	0.35	Belgrade	0.60
Hawkes Bay	0.61	Čačak-Kraljevo	0.31
Marlborough	0.22	Knjaževac	0.55
Nelson	0.29	Leskovac	0.59
Northland	0.54	Mlava	0.54
Otago	0.18	Negotinska Krajina	0.47
Waikato	0.49	Niš	0.52
Waipara	0.30	Nišava	0.32
Wairarapa	0.27	South Banat	0.15
		Srem	0.58
<b>North Macedonia</b>	<b>0.14</b>	Subotica	0.60
		Šumadija	0.62
<b>Norway</b>	<b>0.03</b>	Telečka	0.66
		Tisa	0.14
<b>Peru</b>	<b>0.04</b>	Toplica	0.48
Arequipa	0.03	Tri Morave	0.55
Lima	0.02	Valjevo	0.55
Moquegua	0.01	Vranje	0.49
Tacna	0.05		
		<b>Slovakia</b>	<b>0.28</b>
<b>Portugal</b>	<b>0.27</b>	Bratislavský kraj	0.20
Acores	0.01	Stredné Slovensko	0.27
Alentejo	0.34	Východné Slovensko	0.13
Algarve	0.18	Západné Slovensko	0.27
Centro	0.22		
Lisboa	0.14	<b>Slovenia</b>	<b>0.43</b>
Madeira	0.01	Bela Krajina	0.22
Norte	0.19	Bizeljsko Sremic	0.19
		Dolenjska	0.12
<b>Romania</b>	<b>0.41</b>	Goriska brda	0.45
		Kras	0.05
<b>Russia</b>	<b>0.52</b>	Prekmurje	0.24
Crimea	0.44	Slovenska Istra	0.12
Krasnodar Krai	0.54	Stajerska Slovenija	0.30
Rostov Oblast	0.12	Vipavska dolina	0.53

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>South Africa</b>	<b>0.50</b>	<b>Switzerland (cont.)</b>	
Breedekloof	0.36	Neuchâtel	0.17
Cape South Coast	0.52	Nidwalden	0.10
Little Karoo	0.22	Owralden	0.00
Northern Cape	0.10	Schaffhausen	0.17
Olifants River	0.25	Schwyz	0.20
Paarl	0.57	Solothurn	0.23
Robertson	0.51	St. Gallen	0.20
Stellenbosch	0.66	Thunersee	0.13
Swartland	0.52	Thurgau	0.17
Worcester	0.29	Ticino	0.41
		Uri	0.20
<b>Spain</b>	<b>0.56</b>	Valais	0.20
Andalucía	0.15	Vaud	0.07
Aragón	0.53	Zug	0.10
Canarias	0.04	Zürich	0.18
Cantabria	0.19	other regions	0.13
Castilla y León	0.35		
Castilla-La Mancha	0.45	<b>Taiwan</b>	<b>0.00</b>
Cataluña	0.38		
Comunidad de Madrid	0.37	<b>Thailand</b>	<b>0.26</b>
Comunidad Foral de Nava	0.51		
Comunidad Valenciana	0.24	<b>Tunisia</b>	<b>0.32</b>
Extremadura	0.26		
Galicia	0.23	<b>Turkey</b>	<b>0.23</b>
Illes Balears	0.57	Aegean	0.25
La Rioja	0.34	Central East	0.00
País Vasco	0.32	Central North	0.20
Principado de Asturias	0.32	Central South	0.01
Región de Murcia	0.12	Marmara	0.15
		Mediterranean	0.59
<b>Switzerland</b>	<b>0.24</b>	South East	0.00
Aargau	0.19		
Appenzell Ausserrhoden	0.18	<b>Ukraine</b>	<b>0.44</b>
Appenzell Innerrhoden	0.03		
Basel Land	0.18	<b>United Kingdom</b>	<b>0.32</b>
Basel Stadt	0.20		
Fribourg	0.13		
Geneva	0.21		
Glarus	0.19		
Graubünden - Mesolcina	0.41		
Graubünden - other	0.18		
Jura	0.10		
Lac de Bienne	0.17		
Lucerne	0.20		

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>United States</b>	<b>0.70</b>	<b>United States (cont.)</b>	
Alameda	0.65	North Texas (DFW)	0.50
Amador	0.16	North Willamette Valley	0.19
Arizona	0.32	Ohio	0.15
Arkansas	0.32	Ontario	0.18
Butte	0.54	Orange	0.26
Calaveras	0.72	Pennsylvania	0.13
Cattaraugus	0.02	Placer	0.39
Chautauqua	0.02	Puget Sound	0.27
Colorado	0.70	Rattlesnake Hills	0.59
Columbia Gorge	0.44	Red Mountain	0.57
Columbia River	0.73	Riverside	0.75
Columbia Valley	0.61	Rogue Valley	0.44
Colusa	0.21	Sacramento	0.69
Contra Costa	0.42	San Benito	0.60
El Dorado	0.56	San Bernardino	0.08
Erie	0.02	San Diego	0.74
Fresno	0.26	San Joaquin	0.53
Georgia	0.32	San Luis Obispo	0.68
Glenn	0.28	San Mateo	0.46
Hill Country	0.71	Santa Barbara	0.44
Horse Heaven Hills	0.66	Santa Clara	0.66
Humboldt	0.65	Santa Cruz	0.34
Illinois	0.19	Schuyler	0.38
Indiana	0.22	Seneca	0.38
Iowa	0.04	Shasta	0.57
Kentucky	0.30	Siskiyou	0.63
Kern	0.49	Snipes Mountain	0.69
Kings	0.21	Solano	0.55
Lake	0.57	Sonoma	0.61
Lake Chelan	0.50	South Texas and Gulf Coa	0.10
Lassen	0.32	South Willamette Valley	0.19
Los Angeles	0.69	Stanislaus	0.68
Madera	0.56	Steuben	0.19
Marin	0.22	Suffolk	0.64
Mariposa	0.60	Sutter	0.31
Mendocino	0.60	Tehama	0.43
Merced	0.64	Texas High Plains and Pan	0.71
Michigan	0.41	Trinity	0.54
Minnesota	0.04	Tulare	0.40
Missouri	0.09	Tuolumne	0.63
Monterey	0.54	Ulster	0.24
Naches Heights	0.33	Umpqua Valley	0.21
Napa	0.64	Ventura	0.52
Nevada	0.67	Virginia	0.58
Niagara	0.04	Wahluke Slope	0.65
North Carolina	0.32	Walla Walla Valley	0.60

Table 90 (cont.): VSI of each country and region relative of the world, 2016

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>United States (cont.)</b>			
Wayne	0.20		
West Texas	0.47		
Yakima Valley	0.60		
Yates	0.11		
Yolo	0.48		
Yuba	0.47		
<b>Uruguay</b>	<b>0.36</b>		
Artigas	0.48		
Canelones	0.33		
Colonia	0.48		
Durazno	0.51		
Florida	0.25		
Lavalleja	0.53		
Maldonado	0.36		
Montevideo	0.31		
Paysandu	0.42		
Rivera	0.56		
Rocha	0.31		
Salto	0.32		
San Jose	0.43		
Soriano	0.30		
Tacuarembó	0.29		

Table 91: VSI of each region in 2016 relative to that region in 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Algeria</b>	<b>0.75</b>	<b>Argentina (cont.)</b>	
<b>Argentina</b>	<b>0.91</b>	Coronel Pringles	0.31
Capital Santiago del Estero	1.00	Colón - Entre Ríos	0.12
Cushamen	0.99	San Javier	0.08
Tinogasta	0.99	General Pueyrredón	0.08
Rawson	0.99	Cachi	0.05
Vinchina	0.99	San Alberto	0.00
Coronel Felipe Varela	0.99	Ayacucho	0.00
Santa María - Catamarca	0.99	Valle Fértil	0.00
Santa Lucía	0.99	<b>Armenia</b>	<b>0.00</b>
Chilecito	0.99	<b>Australia</b>	<b>0.95</b>
General Lamadrid	0.98	Bendigo	1.00
Nueve de Julio	0.98	Eden Valley	0.99
Luján de Cuyo	0.97	Mudgee	0.99
Castro Barros	0.97	Langhorne Creek	0.99
Angaco	0.97	Tumbarumba	0.99
Pocito	0.97	Far North - other	0.98
Pichi Mahuida	0.97	Pyrenees	0.98
San Martín - Mza	0.97	Hilltops	0.98
Caucete	0.97	Margaret River	0.98
Añelo	0.97	Clare Valley	0.98
Godoy Cruz	0.97	Limestone Coast - other	0.98
General Alvear	0.97	Goulburn Valley	0.98
Sarmiento - San Juan	0.97	Great Southern	0.97
Veinticinco de Mayo - San Juan	0.96	Cowra	0.97
Santa Rosa - Mza	0.96	Geographe	0.97
San Martín - San Juan	0.96	Padthaway	0.96
Rivadavia - San Juan	0.96	McLaren Vale	0.96
San Blas De Los Sauces	0.96	Currency Creek	0.96
Las Heras	0.96	Yarra Valley	0.96
Maipú	0.96	Southern NSW - other	0.96
Junín - Mza	0.96	Rutherglen	0.96
Lavalle	0.95	Mount Benson	0.96
San Carlos - Mza	0.95	Mount Lofty Ranges - other	0.96
San Carlos - Salta	0.95	Riverland	0.95
Rivadavia - Mza	0.94	Gippsland	0.95
Conesa	0.94	Barossa Valley	0.94
Guaymallén	0.93	The Peninsulas	0.94
Belén	0.92	Grampians	0.94
Chimbas	0.92	Fleurieu - other	0.94
La Paz	0.91	Sunbury	0.93
Molinos	0.91	Henty	0.93
Ischilin	0.90	Tasmania	0.93
San Rafael	0.90	Kangaroo Island	0.93
Calingasta	0.90	Mornington Peninsula	0.93
Cafayate	0.87	Orange	0.93
Tupungato	0.86	Geelong	0.92
Albardón	0.85	Riverina	0.91
Tunuyán	0.83	Hunter	0.91
General Roca	0.80	Northern Slopes	0.91
Cruz del Eje	0.79	Western Victoria - other	0.90
Andalgala	0.78	Barossa - other	0.90
Poman	0.77	Central Victoria - other	0.90
Zonda	0.74	Southern Fleurieu	0.90
Sanagasta	0.72	Blackwood Valley	0.89
El Cuy	0.70	Adelaide Hills	0.86
Ullum	0.62	Western Australia Southeast Coast	0.85
Famatina	0.56	North East Victoria - other	0.85
Avellaneda - Río Negro	0.49	Perth Hills	0.84
Adolfo Alsina	0.48	Alpine Valleys	0.84
Capital San Juan	0.45	Perricoota	0.84
Puelen	0.40	Canberra District (ACT)	0.81
Iglesia	0.37	Lower Murray - other	0.81
Tafi del Valle	0.37	Big Rivers - other	0.79
Confluencia	0.32		

Table 91 (cont.): VSI of each region in 2016 relative to that region in 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>Australia (cont.)</b>		<b>Georgia</b>	<b>1.00</b>
Beechworth	0.78	<b>Germany</b>	<b>0.93</b>
Granite Belt	0.71	Rheingau	1.00
Hunter Valley - other	0.69	Mittelrhein	1.00
Port Phillip - other	0.68	Ahr	0.98
South West Australia - other	0.67	Mosel	0.98
Swan District	0.64	Hessische Bergstraße	0.98
South Coast - other	0.64	Franken	0.96
Murray Darling (NSW)	0.64	Württemberg	0.96
South Burnett	0.59	Baden	0.96
Hastings River	0.57	Nahe	0.93
Murray Darling (VIC)	0.51	Saale	0.92
Greater Perth - other	0.49	Sachsen	0.92
Swan Hill (VIC)	0.45	Pfalz	0.89
Western Plains	0.42	Rheinhessen	0.85
Central Western Australia	0.40		
Swan Hill (NSW)	0.37	<b>Greece</b>	<b>0.71</b>
North West Victoria - other	0.28	Attiki	1.00
Central Ranges - other	0.19	Ionia Nisia	0.97
Northern Rivers - other	0.14	Kriti	0.97
Queensland - other	0.09	Sterea Ellada	0.96
Eastern Plains, Inland and North WA	0.05	Dytiki Makedonia	0.95
<b>Austria</b>	<b>0.97</b>	Voreio Aigaio	0.87
Wien and other regions	0.94	Peloponnisos	0.78
Burgenland	0.90	Notio Aigaio	0.74
Steiermark	0.88	Anatoliki Makedonia, Thraki	0.68
<b>Brazil</b>	<b>0.72</b>	Kentriki Makedonia	0.67
<b>Bulgaria</b>	<b>0.83</b>	Ipeiros	0.31
<b>Canada</b>	<b>0.63</b>	Dytiki Ellada	0.12
<b>Chile</b>	<b>0.92</b>	Thessalia	0.01
Metropolitana	0.99	<b>Hungary</b>	<b>0.47</b>
O'Higgins	0.98		
Del Maule	0.96	<b>Israel</b>	<b>0.85</b>
Valparaiso	0.72	Toscana	0.99
Araucania	0.63	Abruzzo	0.98
Del Bio Bio	0.51	Molise	0.97
Coquimbo	0.02	Marche	0.97
Atacama	0.00	Lazio	0.95
<b>Croatia</b>	<b>0.71</b>	Emilia-Romagna	0.94
<b>Cyprus</b>	<b>0.91</b>	Liguria	0.94
<b>Czechia</b>	<b>0.74</b>	Sicilia	0.93
<b>France</b>	<b>0.92</b>	Trento	0.92
Champagne-Ardenne	1.00	Piemonte	0.89
Poitou Charentes	1.00	Puglia	0.89
Bourgogne	0.99	Sardegna	0.86
Aquitaine	0.99	Umbria	0.85
Centre-Val de Loire	0.98	Calabria	0.85
Alsace	0.98	Campania	0.81
Pays de la Loire	0.98	Friuli-Venezia Giulia	0.78
Franche Comté	0.97	Valle d'Aosta	0.78
Rhône Alpes	0.97	Veneto	0.65
Provence-Alpes-Côte d'Azur	0.96	Lombardia	0.61
Picardie	0.95	Bolzano-Bozen	0.40
Auvergne	0.95	Basilicata	0.30
Corse	0.93	<b>Korea, Rep.</b>	<b>1.00</b>
Lorraine	0.92	<b>Luxembourg</b>	<b>0.96</b>
Limousin	0.90	<b>Moldova</b>	<b>0.72</b>
Midi Pyrénées	0.82	<b>Morocco</b>	<b>0.27</b>
Languedoc Roussillon	0.81	<b>New Zealand</b>	<b>0.76</b>
		Otago	0.92
		Marlborough	0.92

Table 91 (cont.): VSI of each region in 2016 relative to that region in 2000

<i>Region</i>	<i>Varietal Similarity Index</i>	<i>Region</i>	<i>Varietal Similarity Index</i>
<b>New Zealand (cont.)</b>		<b>Switzerland (cont.)</b>	
Waipara	0.86	Neuchâtel	0.93
Gisborne	0.86	Lucerne	0.86
Hawkes Bay	0.85	Other regions	0.80
Auckland	0.83	Jura	0.60
Canterbury	0.80		
Nelson	0.73	<b>Taiwan</b>	<b>0.42</b>
Waikato	0.40		
<b>Portugal</b>	<b>0.45</b>	<b>Tunisia</b>	<b>0.35</b>
Alentejo	0.67		
Algarve	0.64	<b>United Kingdom</b>	<b>0.28</b>
Madeira	0.19		
Acores	0.08	<b>United States</b>	<b>0.89</b>
		Chautauqua-Erie	1.00
<b>Romania</b>	<b>0.97</b>	Amador	0.99
		North Willamette Valley	0.97
<b>Russia</b>	<b>0.40</b>	South Willamette Valley	0.97
		San Joaquin	0.95
<b>Serbia</b>	<b>0.49</b>	San Bernardino	0.95
		Colusa	0.95
<b>Slovakia</b>	<b>0.77</b>	Yolo	0.94
		Finger Lakes	0.94
<b>Slovenia</b>	<b>0.59</b>	Napa	0.94
		Sonoma	0.94
<b>South Africa</b>	<b>0.96</b>	Mendocino	0.94
Northern Cape	0.99	Fresno	0.93
Olifants River	0.98	Sacramento	0.93
Breedekloof	0.96	Contra Costa	0.93
Worcester	0.95	Monterey	0.93
Robertson	0.92	El Dorado	0.92
Swartland	0.92	Rogue Valley	0.92
Paarl	0.91	Michigan	0.92
Little Karoo	0.90	New York - other	0.90
Stellenbosch	0.80	San Benito	0.89
		Mariposa	0.89
<b>Spain</b>	<b>0.85</b>	Ventura	0.88
Región de Murcia	0.99	Santa Clara	0.87
País Vasco	0.99	Lake	0.87
Canarias	0.97	Solano	0.85
Castilla-La Mancha	0.95	Butte	0.85
Cataluña	0.93	San Luis Obispo	0.84
La Rioja	0.93	Alameda	0.84
Andalucía	0.93	Santa Barbara	0.83
Comunidad Valenciana	0.90	Kings	0.83
Aragón	0.89	San Mateo	0.82
Illes Balears	0.89	Tulare	0.82
Comunidad de Madrid	0.87	Washington	0.81
Extremadura	0.85	Calaveras	0.78
Castilla y León	0.79	Nevada	0.77
Galicia	0.78	Madera	0.77
Comunidad Foral de Navarra	0.71	Columbia River	0.76
Cantabria	0.69	Placer	0.75
Principado de Asturias	0.53	Trinity	0.73
		Merced	0.73
		Santa Cruz	0.71
<b>Switzerland</b>	<b>0.98</b>	San Diego	0.68
Ticino	1.00	Humboldt	0.66
Graubünden	1.00	Stanislaus	0.58
Schaffhausen	1.00	Glenn	0.56
Thurgau	1.00	Marin	0.56
St. Gallen	1.00	Kern	0.52
Vaud	1.00	Yuba	0.51
Zürich	0.99	Riverside	0.46
Basel Land	0.99	Tehama	0.40
Aargau	0.98	Los Angeles	0.38
Valais	0.97	Sutter	0.32

Schwyz	0.96	Shasta	0.14
Geneva	0.95		
Fribourg	0.95	<b>Uruguay</b>	<b>0.93</b>

Table 92: Each country's 10 most-similar winegrape countries in the world according to the VSI, 2000

Algeria	0.70 TN	0.66 FR	0.43 IL	0.19 AU	0.17 MA	0.17 US	0.16 CL	0.15 M9	0.15 ZA	0.12 ES
Argentina	0.31 AU	0.28 CL	0.25 M9	0.21 FR	0.20 ZA	0.20 US	0.17 IL	0.15 CA	0.15 NZ	0.14 BG
Armenia	0.84 RU	0.74 RO	0.71 SI	0.68 HU	0.50 GE	0.49 UK	0.48 HR	0.45 PT	0.38 CZ	0.30 SK
Australia	0.63 CL	0.59 M9	0.55 US	0.48 FR	0.47 NZ	0.44 ZA	0.43 CA	0.37 IL	0.31 AR	0.30 MD
Austria	0.71 SK	0.69 CZ	0.26 HU	0.21 RS	0.20 LU	0.20 DE	0.19 HR	0.14 SI	0.11 RO	0.08 RU
Brazil	0.37 CA	0.30 PT	0.29 RO	0.28 MD	0.28 SI	0.25 HU	0.24 RU	0.20 HR	0.19 MA	0.18 CZ
Bulgaria	0.50 M9	0.42 CL	0.37 MD	0.33 IL	0.29 RU	0.29 GE	0.28 AU	0.28 CA	0.28 FR	0.27 US
Canada	0.61 US	0.55 NZ	0.47 CL	0.43 AU	0.40 IL	0.38 M9	0.37 FR	0.37 BR	0.34 SI	0.33 MD
Chile	0.77 M9	0.63 AU	0.55 IL	0.50 US	0.47 CA	0.42 BG	0.41 NZ	0.40 FR	0.38 MD	0.36 ZA
Croatia	0.76 SI	0.73 RS	0.70 HU	0.68 RO	0.65 SK	0.54 CZ	0.48 RU	0.48 AM	0.45 PT	0.38 UK
Cyprus	0.25 PT	0.20 MA	0.18 RO	0.16 SI	0.16 RU	0.14 HU	0.12 TN	0.12 IL	0.11 CZ	0.10 HR
Czechia	0.87 SK	0.70 HU	0.69 AT	0.60 SI	0.55 RO	0.54 HR	0.45 RS	0.44 RU	0.43 DE	0.41 PT
France	0.66 DZ	0.57 IL	0.52 TN	0.48 AU	0.45 US	0.40 CL	0.37 CA	0.36 M9	0.33 NZ	0.32 IT
Georgia	0.60 RU	0.50 AM	0.40 M9	0.38 MD	0.29 BG	0.10 RO	0.09 SI	0.09 HU	0.06 PT	0.06 UK
Germany	0.74 LU	0.43 CZ	0.24 CH	0.22 NZ	0.22 CA	0.21 SK	0.20 AT	0.16 HU	0.10 MD	0.07 M9
Greece	0.29 PT	0.27 RO	0.25 SI	0.24 HU	0.23 RU	0.18 MA	0.17 AM	0.16 HR	0.16 UK	0.15 CZ
Hungary	0.88 SI	0.88 RO	0.70 HR	0.70 CZ	0.70 RU	0.68 AM	0.62 PT	0.61 SK	0.56 UK	0.48 RS
Israel	0.66 TN	0.57 FR	0.55 CL	0.48 US	0.43 DZ	0.43 M9	0.40 CA	0.40 ZA	0.37 AU	0.37 RO
Italy	0.32 FR	0.23 US	0.19 CA	0.17 IL	0.16 CL	0.15 NZ	0.14 AU	0.14 BG	0.13 SI	0.12 M9
Korea, Rep.	0.63 TW	0.17 PT	0.16 MA	0.10 TN	0.09 RO	0.09 RU	0.08 IL	0.08 SI	0.08 CY	0.08 CA
Luxembourg	0.74 DE	0.40 CZ	0.27 SK	0.20 AT	0.17 NZ	0.15 CH	0.14 CA	0.13 HU	0.07 MD	0.06 UK
Moldova	0.69 M9	0.46 NZ	0.38 CL	0.38 GE	0.37 BG	0.35 US	0.33 CA	0.30 RU	0.30 AU	0.29 FR
Morocco	0.459 PT	0.33 TN	0.28 IL	0.28 RO	0.27 RU	0.26 SI	0.22 HU	0.20 CA	0.20 CY	0.19 BR
New Zealand	0.66 US	0.55 CA	0.47 AU	0.46 MD	0.41 CL	0.36 ZA	0.33 FR	0.33 M9	0.30 IL	0.23 CH
Portugal	0.72 RO	0.68 SI	0.62 RU	0.62 HU	0.46 MA	0.45 HR	0.45 AM	0.44 UK	0.41 CZ	0.34 IL
Romania	0.94 SI	0.88 HU	0.78 RU	0.74 AM	0.72 PT	0.68 HR	0.60 UK	0.55 CZ	0.46 SK	0.41 RS
Russia	0.84 AM	0.78 RO	0.74 SI	0.70 HU	0.62 PT	0.60 GE	0.50 UK	0.48 HR	0.44 CZ	0.34 M9
Serbia	0.73 HR	0.67 SK	0.54 SI	0.48 HU	0.45 CZ	0.41 RO	0.24 RU	0.24 AM	0.21 PT	0.21 AT
Slovakia	0.87 CZ	0.71 AT	0.67 RS	0.65 HR	0.61 HU	0.56 SI	0.46 RO	0.31 RU	0.30 AM	0.27 LU
Slovenia	0.94 RO	0.88 HU	0.76 HR	0.74 RU	0.71 AM	0.68 PT	0.60 CZ	0.60 UK	0.56 SK	0.54 RS

Table 92 (cont.): Each country's 10 most-similar winegrape countries in the world according to the VSI, 2000

South Africa	0.56 US	0.44 AU	0.40 IL	0.36 NZ	0.36 CL	0.33 M9	0.31 FR	0.24 CA	0.22 MD	0.20 AR
Spain	0.20 RO	0.19 SI	0.18 HU	0.17 PT	0.16 RU	0.16 AM	0.13 HR	0.13 UK	0.12 DZ	0.12 FR
Switzerland	0.24 DE	0.23 NZ	0.22 CA	0.19 MD	0.18 FR	0.15 LU	0.13 US	0.09 HU	0.09 DZ	0.08 AU
Taiwan	0.63 KR	0.00 M9	0.00 AR							
Tunisia	0.70 DZ	0.66 IL	0.52 FR	0.33 MA	0.26 PT	0.14 RO	0.14 RU	0.13 CL	0.13 CA	0.12 SI
United Kingdom	0.60 RO	0.60 SI	0.56 HU	0.50 RU	0.49 AM	0.44 PT	0.38 HR	0.35 CZ	0.28 CA	0.26 SK
United States	0.66 NZ	0.61 CA	0.56 ZA	0.55 AU	0.50 CL	0.48 IL	0.45 FR	0.44 M9	0.35 MD	0.27 BG
Uruguay	0.27 CL	0.26 IL	0.24 CA	0.20 M9	0.19 FR	0.19 BG	0.18 PT	0.18 AU	0.17 US	0.16 MA
Missing 9	0.77 CL	0.69 MD	0.59 AU	0.50 BG	0.44 US	0.43 IL	0.40 GE	0.38 CA	0.36 FR	0.34 RU

Algeria(DZ), Argentina(AR), Armenia(AM), Australia(AU), Austria(AT), Brazil(BR), Bulgaria(BG), Canada(CA), Chile(CL), Croatia(HR), Cyprus(CY), Czechia(CZ), France(FR), Georgia(GE), Germany(DE), Greece(EL), Hungary(HU), Israel(IL), Italy(IT), Korea, Rep.(KR), Moldova(MD), Morocco(MA), New Zealand(NZ), Portugal(PT), Romania(RO), Russia(RU), Serbia(RS), Slovakia(SK), Slovenia(SI), South Africa(ZA), Spain(ES), Switzerland(CH), Taiwan(TW), Tunisia(TN), United Kingdom(UK), United States(US), Uruguay(UY)

Table 93: Each country's 10 most-similar winegrape countries in the world according to the VSI, 2010

Algeria	0.70 TN	0.53 FR	0.43 IL	0.31 MX	0.20 TR	0.18 MM	0.18 AU	0.18 US	0.18 CL	0.17 MA
Argentina	0.38 AU	0.37 CL	0.32 CN	0.31 US	0.29 ZA	0.28 FR	0.25 TH	0.23 RU	0.23 JP	0.23 MX
Armenia	0.71 RO	0.59 KZ	0.50 GE	0.32 SI	0.30 UA	0.26 HR	0.24 RS	0.23 BG	0.22 HU	0.18 MD
Australia	0.72 US	0.70 TH	0.67 CL	0.64 MM	0.62 ZA	0.58 FR	0.51 CA	0.48 CN	0.48 JP	0.45 RU
Austria	0.79 SK	0.71 CZ	0.43 HU	0.26 SI	0.26 HR	0.20 RS	0.20 DE	0.16 JP	0.14 CA	0.11 US
Brazil	0.37 MD	0.17 UY	0.16 CA	0.14 UA	0.11 FR	0.09 US	0.08 RO	0.08 HU	0.07 BG	0.06 AM
Bulgaria	0.59 JP	0.56 CL	0.56 IL	0.55 CN	0.55 US	0.49 MX	0.49 FR	0.46 RU	0.42 RO	0.40 MD
Canada	0.66 US	0.54 JP	0.51 AU	0.50 FR	0.45 CL	0.45 UK	0.43 RU	0.40 BG	0.39 DE	0.38 MD
Chile	0.90 CN	0.75 US	0.67 AU	0.64 RU	0.58 ZA	0.57 JP	0.56 BG	0.51 MX	0.49 FR	0.48 IL
China	0.90 CL	0.59 RU	0.58 US	0.55 BG	0.53 MX	0.48 AU	0.46 JP	0.43 IL	0.43 ZA	0.35 FR
Croatia	0.78 RS	0.78 SI	0.50 HU	0.50 SK	0.45 RO	0.39 CZ	0.26 AM	0.26 AT	0.26 BG	0.23 IL
Cyprus	0.15 MX	0.13 IL	0.12 TN	0.10 AU	0.10 FR	0.10 CL	0.09 DZ	0.09 CN	0.09 US	0.08 TR
Czechia	0.85 SK	0.71 AT	0.57 DE	0.56 HU	0.44 SI	0.39 HR	0.35 CA	0.33 LU	0.33 NZ	0.29 UK
Ethiopia	0.53 IT	0.30 ZA	0.12 TH	0.11 MX	0.08 TN	0.06 AR	0.04 US	0.03 IL	0.03 FR	0.02 TR
France	0.58 AU	0.58 US	0.53 DZ	0.53 JP	0.50 IL	0.50 CA	0.49 CL	0.49 BG	0.47 ZA	0.43 MX
Georgia	0.91 KZ	0.63 UA	0.50 AM	0.38 MD	0.19 BG	0.13 RU	0.10 RO	0.04 HR	0.04 SI	0.03 RS
Germany	0.57 CZ	0.41 LU	0.39 CA	0.35 UK	0.33 CH	0.30 SK	0.24 HU	0.20 AT	0.19 US	0.18 NZ
Greece	0.35 RO	0.27 BG	0.26 MA	0.26 IL	0.24 MX	0.21 SI	0.18 AM	0.16 TN	0.16 HR	0.15 US
Hungary	0.61 SK	0.58 SI	0.56 CZ	0.50 HR	0.43 AT	0.37 RS	0.36 RU	0.33 US	0.32 RO	0.30 CA
Israel	0.66 TN	0.60 MX	0.56 BG	0.50 FR	0.49 US	0.48 CL	0.46 ZA	0.43 DZ	0.43 CN	0.42 JP
Italy	0.53 ET	0.36 FR	0.35 US	0.29 BG	0.28 JP	0.27 CA	0.25 AU	0.23 IL	0.23 CL	0.22 SI
Japan	0.68 US	0.59 BG	0.57 CL	0.54 CA	0.53 FR	0.49 RU	0.48 AU	0.46 CN	0.42 IL	0.39 ZA
Kazakhstan	0.91 GE	0.68 UA	0.59 AM	0.44 MD	0.21 BG	0.20 RO	0.14 RU	0.09 SI	0.08 HR	0.06 HU
Korea, Rep.	0.63 TW	0.15 MA	0.10 EL	0.10 TN	0.10 RO	0.08 IL	0.08 BG	0.06 MX	0.05 SI	0.04 HR
Luxembourg	0.41 DE	0.33 CZ	0.20 SK	0.19 CA	0.12 HU	0.12 SI	0.11 AT	0.10 UK	0.09 CH	0.08 RU
Mexico	0.60 IL	0.53 CN	0.51 CL	0.49 BG	0.43 FR	0.41 US	0.41 ZA	0.40 TR	0.40 TN	0.36 AU
Moldova	0.86 UA	0.48 RU	0.44 US	0.44 KZ	0.43 CL	0.41 NZ	0.40 BG	0.38 GE	0.38 CA	0.37 BR
Morocco	0.33 TN	0.29 RO	0.28 IL	0.26 EL	0.21 BG	0.19 MX	0.17 DZ	0.15 KR	0.14 SI	0.12 HR
Myanmar	0.69 TH	0.64 AU	0.63 NZ	0.45 ZA	0.38 FR	0.32 TR	0.29 CL	0.24 US	0.23 MD	0.21 AR

Table 93 (cont.): Each country's 10 most-similar winegrape countries in the world according to the VSI, 2010

	0.63 MM	0.41 MD	0.38 ZA	0.36 CL	0.36 CA	0.35 US	0.35 SI	0.33 CZ	0.31 UK	0.28 AU
New Zealand	0.11 HU	0.07 SK	0.06 MX	0.05 CZ	0.05 SI	0.04 MM	0.04 AT	0.04 TW	0.03 EL	0.03 CN
Peru	0.32 ES	0.14 MX	0.14 MM	0.13 TH	0.12 AU	0.10 AR	0.08 CL	0.08 FR	0.07 ZA	0.07 US
Portugal	0.71 AM	0.52 SI	0.45 HR	0.42 BG	0.40 IL	0.37 RS	0.35 EL	0.32 HU	0.30 MX	0.29 MA
Romania	0.64 CL	0.59 US	0.59 CN	0.49 JP	0.48 MD	0.48 UA	0.46 BG	0.45 AU	0.43 CA	0.39 ZA
Russia	0.78 HR	0.60 SI	0.43 SK	0.37 HU	0.37 RO	0.27 CZ	0.24 AM	0.20 AT	0.09 EL	0.09 IL
Serbia	0.85 CZ	0.79 AT	0.61 HU	0.50 HR	0.47 SI	0.43 RS	0.30 DE	0.20 LU	0.18 CL	0.17 CA
Slovakia	0.78 HR	0.60 RS	0.58 HU	0.52 RO	0.47 SK	0.44 CZ	0.38 US	0.36 CA	0.35 BG	0.35 NZ
Slovenia	0.62 AU	0.60 US	0.58 CL	0.49 TH	0.47 FR	0.46 IL	0.45 MM	0.43 CN	0.41 MX	0.39 RU
South Africa	0.32 PT	0.17 MX	0.16 FR	0.13 DZ	0.11 MM	0.11 AR	0.10 AU	0.09 TH	0.09 CL	0.09 US
Spain	0.47 UK	0.33 DE	0.30 CA	0.28 US	0.26 FR	0.24 NZ	0.23 MD	0.20 HU	0.19 CZ	0.17 JP
Switzerland	0.63 KR	0.05 JP	0.04 PE	0.03 TH	0.00 AR	0.00 FR	0.00 US	0.00 ES	0.00 BR	0.00 MM
Taiwan	0.70 AU	0.69 MM	0.49 ZA	0.36 TR	0.33 FR	0.25 AR	0.21 US	0.20 CL	0.18 MX	0.13 PT
Thailand	0.70 DZ	0.66 IL	0.40 MX	0.34 FR	0.33 MA	0.16 EL	0.15 IT	0.15 RO	0.14 BG	0.14 MM
Tunisia	0.40 MX	0.39 AU	0.36 TH	0.32 MM	0.26 FR	0.23 ZA	0.20 CL	0.20 DZ	0.18 US	0.14 AR
Turkey	0.86 MD	0.68 KZ	0.63 GE	0.48 RU	0.37 CL	0.36 BG	0.35 US	0.31 CN	0.30 AM	0.30 CA
Ukraine	0.53 US	0.47 CH	0.45 CA	0.35 DE	0.34 AU	0.33 JP	0.31 NZ	0.29 CZ	0.26 MD	0.24 RU
United Kingdom	0.75 CL	0.72 AU	0.68 JP	0.66 CA	0.60 ZA	0.59 RU	0.58 CN	0.58 FR	0.55 BG	0.53 UK
United States	0.41 FR	0.36 BG	0.32 CL	0.31 JP	0.30 US	0.30 CN	0.28 IL	0.26 RU	0.25 CA	0.25 MX

Algeria(DZ), Argentina(AR), Armenia(AM), Australia(AU), Austria(AT), Brazil(BR), Bulgaria(BG), Canada(CA), Chile(CL), China(CN), Croatia(HR), Cyprus(CY), Czechia(CZ), Ethiopia(ET), France(FR), Georgia(GE), Germany(DE), Greece(EL), Hungary(HU), Israel(IL), Italy(IT), Japan(JP), Kazakhstan(KZ), Korea, Rep.(KR), Luxembourg(LU), Mexico(MX), Moldova(MD), Morocco(MA), Myanmar(MM), New Zealand(NZ), Peru(PE), Portugal(PT), Romania(RO), Russia(RU), Serbia(RS), Slovakia(SK), Slovenia(SI), South Africa(ZA), Spain(ES), Switzerland(CH), Taiwan(TW), Thailand(TH), Tunisia(TN), Turkey(TR), Ukraine(UA), United Kingdom(UK), United States(US), Uruguay(UY)

Table 94: Each country's 10 most-similar winegrape countries in the world according to the VSI, 2016

Algeria	0.73 IL	0.59 FR	0.48 MX	0.36 AU	0.34 KH	0.32 CL	0.31 MA	0.31 TN	0.28 BG	0.28 US
Argentina	0.35 CL	0.34 AU	0.29 IL	0.28 US	0.28 LB	0.25 KH	0.24 ZA	0.24 FR	0.21 BG	0.20 RU
Armenia	0.00 AR	0.00 AT	0.00 AU	0.00 BG	0.00 BR	0.00 CA	0.00 CH	0.00 CL	0.00 CN	0.00 CY
Australia	0.73 LB	0.70 US	0.68 KH	0.66 CL	0.66 MM	0.61 TH	0.60 ZA	0.58 FR	0.57 IL	0.44 RU
Austria	0.72 SK	0.70 CZ	0.36 HU	0.25 SI	0.21 HR	0.19 DE	0.18 RS	0.16 LU	0.12 LB	0.12 CA
Brazil	0.18 MD	0.15 CA	0.13 UA	0.11 FR	0.11 UY	0.11 RU	0.08 JP	0.07 US	0.07 HU	0.06 IL
Bulgaria	0.62 RU	0.61 CL	0.60 LB	0.58 US	0.57 UA	0.57 IL	0.52 MD	0.51 FR	0.45 KH	0.44 AU
Cambodia	0.68 AU	0.59 TH	0.53 IL	0.52 TW	0.50 CL	0.49 FR	0.45 LB	0.45 BG	0.44 MM	0.41 US
Canada	0.54 US	0.47 UK	0.47 LB	0.40 AU	0.39 DE	0.38 FR	0.35 CL	0.34 RU	0.33 RS	0.33 SI
Chile	0.80 LB	0.74 US	0.68 IL	0.66 AU	0.64 RU	0.61 BG	0.54 ZA	0.54 UA	0.54 MD	0.50 KH
China	0.81 RS	0.60 LB	0.57 MX	0.50 RO	0.49 CL	0.45 FR	0.44 IL	0.44 US	0.39 MD	0.37 BG
Croatia	0.61 SI	0.39 HU	0.38 RS	0.34 CZ	0.23 SK	0.21 AT	0.20 US	0.20 LB	0.18 BG	0.17 CL
Cyprus	0.00 AM	0.00 HU	0.00 TN	0.00 NZ	0.00 NO	0.00 ES	0.00 RO	0.00 BR	0.00 BG	0.00 ZA
Czechia	0.70 AT	0.68 SK	0.57 DE	0.56 LU	0.52 HU	0.46 SI	0.34 NZ	0.34 HR	0.31 CA	0.29 UK
Ethiopia	0.52 IT	0.30 ZA	0.11 MX	0.10 TH	0.04 AR	0.03 IN	0.03 FR	0.03 TR	0.02 US	0.01 AU
France	0.60 LB	0.59 IL	0.59 DZ	0.58 US	0.58 AU	0.51 BG	0.49 KH	0.49 CL	0.47 RS	0.46 ZA
Georgia	0.91 KZ	0.56 UA	0.43 RU	0.28 BG	0.19 MD	0.10 RO	0.07 RS	0.05 SK	0.04 SI	0.04 MK
Germany	0.69 LU	0.57 CZ	0.39 CA	0.34 CH	0.34 UK	0.30 SK	0.23 SI	0.23 HU	0.23 US	0.21 RS
Greece	0.18 LB	0.17 CL	0.15 UY	0.15 AU	0.15 RS	0.15 US	0.15 IL	0.15 FR	0.13 MX	0.13 BG
Hungary	0.52 CZ	0.50 SI	0.47 SK	0.39 HR	0.36 AT	0.36 RS	0.33 US	0.33 RU	0.31 LB	0.27 CL
India	0.64 TR	0.54 MM	0.53 MX	0.42 AU	0.41 NZ	0.32 FR	0.31 TH	0.31 ZA	0.28 LB	0.27 CL
Israel	0.73 DZ	0.68 CL	0.61 MX	0.61 LB	0.59 FR	0.59 US	0.57 BG	0.57 AU	0.53 KH	0.47 ZA
Italy	0.52 ET	0.43 FR	0.35 US	0.33 LB	0.32 RS	0.28 RO	0.26 SI	0.25 AU	0.25 CN	0.24 BG
Japan	0.27 KR	0.27 RS	0.26 RO	0.21 LB	0.20 CN	0.20 US	0.18 FR	0.16 SI	0.14 MD	0.14 CA
Kazakhstan	0.91 GE	0.61 UA	0.47 RU	0.29 BG	0.24 MD	0.20 RO	0.13 RS	0.09 SK	0.08 SI	0.05 LB
Korea, Rep.	0.27 JP	0.21 CN	0.17 RS	0.11 RO	0.08 MX	0.06 SK	0.06 LB	0.05 FR	0.05 UY	0.03 TN
Lebanon	0.84 US	0.80 CL	0.73 AU	0.64 RS	0.61 RU	0.61 IL	0.60 FR	0.60 CN	0.60 BG	0.59 MD
Luxembourg	0.69 DE	0.56 CZ	0.28 CA	0.25 SK	0.24 CH	0.24 UK	0.20 SI	0.20 HU	0.18 US	0.16 AT
Mexico	0.61 IL	0.57 CN	0.53 IN	0.50 CL	0.49 LB	0.48 DZ	0.47 RS	0.46 TR	0.46 FR	0.42 US

Table 94 (cont.): Each country's 10 most-similar winegrape countries in the world according to the VSI, 2016

	0.69 RU	0.65 UA	0.59 LB	0.54 CL	0.52 US	0.52 BG	0.44 RS	0.44 FR	0.42 IL	0.39 NZ
Moldova	1.00 MA	0.35 PE	0.31 DZ	0.30 FR	0.30 IL	0.28 MX	0.26 LB	0.24 CL	0.23 RS	0.22 TR
Morocco	0.66 AU	0.64 NZ	0.57 TH	0.54 IN	0.46 ZA	0.44 KH	0.36 FR	0.34 LB	0.31 CL	0.30 TR
Myanmar	0.64 MM	0.41 IN	0.40 LB	0.39 MD	0.37 SI	0.36 ZA	0.35 CL	0.34 CZ	0.29 US	0.27 UK
New Zealand	0.23 BG	0.16 US	0.13 LB	0.13 RU	0.12 RS	0.12 CL	0.11 UA	0.11 MD	0.11 FR	0.10 IL
North Macedonia	0.10 RO	0.08 RS	0.06 CN	0.05 SK	0.04 SI	0.03 LB	0.03 UK	0.03 MX	0.03 JP	0.02 IT
Norway	0.35 MA	0.35 TN	0.11 HU	0.08 SK	0.07 SI	0.06 MX	0.05 CZ	0.04 MM	0.04 AT	0.03 IT
Peru	0.32 ES	0.13 MM	0.13 MX	0.13 AU	0.11 TH	0.09 CL	0.09 KH	0.09 IL	0.09 AR	0.08 LB
Portugal	0.76 RS	0.50 CN	0.47 SK	0.43 SI	0.38 LB	0.32 MD	0.29 FR	0.29 MX	0.28 IT	0.26 JP
Romania	0.92 UA	0.69 MD	0.64 CL	0.62 BG	0.61 LB	0.59 US	0.47 KZ	0.47 IL	0.44 AU	0.43 GE
Russia	0.81 CN	0.76 RO	0.64 LB	0.59 SI	0.52 SK	0.48 US	0.47 FR	0.47 MX	0.44 MD	0.39 CL
Serbia	0.72 AT	0.68 CZ	0.52 RS	0.47 HU	0.47 RO	0.40 SI	0.33 CN	0.30 DE	0.25 LU	0.23 HR
Slovakia	0.61 HR	0.59 RS	0.50 HU	0.48 LB	0.46 CZ	0.43 RO	0.40 SK	0.40 US	0.37 NZ	0.35 MD
Slovenia	0.60 AU	0.55 LB	0.54 US	0.54 CL	0.47 IL	0.46 FR	0.46 MM	0.44 TH	0.41 KH	0.39 MX
South Africa	0.32 PT	0.18 MX	0.16 FR	0.15 DZ	0.13 MA	0.13 TN	0.12 MM	0.12 IL	0.11 AU	0.10 AR
Spain	0.51 UK	0.34 DE	0.33 US	0.28 FR	0.24 LU	0.23 NZ	0.23 CA	0.19 CZ	0.18 MD	0.18 MM
Switzerland	0.52 KH	0.16 TH	0.02 JP	0.00 US	0.00 MX	0.00 AU	0.00 ES	0.00 ET	0.00 CZ	0.00 GE
Taiwan	0.61 AU	0.59 KH	0.57 MM	0.44 ZA	0.31 IN	0.28 TR	0.28 FR	0.24 IL	0.21 DZ	0.19 LB
Thailand	1.00 TN	0.35 PE	0.31 DZ	0.30 FR	0.30 IL	0.28 MX	0.26 LB	0.24 CL	0.23 RS	0.22 TR
Tunisia	0.64 IN	0.46 MX	0.37 AU	0.30 KH	0.30 MM	0.28 TH	0.24 FR	0.22 IL	0.22 CL	0.22 TN
Turkey	0.92 RU	0.65 MD	0.61 KZ	0.57 BG	0.56 GE	0.54 CL	0.49 LB	0.46 US	0.39 IL	0.35 AU
Ukraine	0.61 US	0.51 CH	0.47 CA	0.41 LB	0.34 DE	0.33 AU	0.29 FR	0.29 CZ	0.27 NZ	0.27 SI
United Kingdom	0.84 LB	0.74 CL	0.70 AU	0.61 UK	0.59 IL	0.59 RU	0.58 FR	0.58 BG	0.54 ZA	0.54 CA
United States	0.42 FR	0.35 RS	0.32 CN	0.31 LB	0.29 BG	0.28 IL	0.27 CL	0.27 US	0.26 MD	0.24 MX

Algeria(DZ), Argentina(AR), Armenia(AM), Australia(AU), Austria(AT), Brazil(BR), Bulgaria(BG), Cambodia(KH), Canada(CA), Chile(CL), China(CN), Croatia(HR), Cyprus(CY), Czechia(CZ), Ethiopia(ET), France(FR), Georgia(GE), Germany(DE), Greece(EL), Hungary(HU), India(IN), Israel(IL), Italy(IT), Japan(JP), Kazakhstan(KZ), Korea, Rep.(KR), Lebanon(LB), Luxembourg(LU), Mexico(MX), Moldova(MD), Morocco(MA), Myanmar(MM), New Zealand(NZ), North Macedonia(MK), Norway(NO), Peru(PE), Portugal(PT), Romania(RO), Russia(RU), Serbia(RS), Slovakia(SK), Slovenia(SI), South Africa(ZA), Spain(ES), Switzerland(CH), Taiwan(TW), Thailand(TH), Tunisia(TN), Turkey(TR), Ukraine(UA), United Kingdom(UK), United States(US), Uruguay(UY)

Table 95: Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

DZ	Algeria	0.89 FR	Var	0.84 FR	Hérault	0.82 FR	Gard
AR	Adolfo Alsina	0.78 AR	Pichi Mahuida	0.70 AR	Las Heras	0.70 AR	Guaymallén
	Albardón		Chimbas		Rivadavia - San Juan		Veinticinco de Mayo - San Juan
AR		0.96 AR		0.90 AR		0.86 AR	Juan
AR	Andalgala	0.69 AR	Tinogasta	0.69 AR	San Alberto	0.68 AR	Pocito
AR	Añelo	0.90 AR	Tunuyán	0.85 AR	Luján de Cuyo	0.84 AR	Tupungato
AR	Angaco	0.98 AR	San Martín - San Juan	0.97 AR	Caucete	0.91 AR	Santa Lucía
AR	Arauco	0.52 AR	Avellaneda - Río Negro	0.51 AR	Ullum	0.29 AR	Zonda
AR	Avellaneda - Río Negro	0.58 AR	Ullum	0.52 AR	Arauco	0.52 AR	General Roca
AR	Ayacucho	0.86 AR	Santa Lucía	0.84 AR	Tinogasta	0.84 AR	San Alberto
AR	Belén	0.98 AR	Famatina	0.97 AR	Coronel Felipe Varela	0.96 AR	General Lamadrid
AR	Cachi	0.98 AR	Tafi del Valle	0.94 AR	San Carlos - Salta	0.91 AR	San Blas De Los Sauces
AR	Cafayate	0.90 AR	Chilecito	0.89 AR	San Carlos - Salta	0.87 AR	Santa María - Catamarca
AR	Calingasta	0.84 AR	Santa María - Catamarca	0.84 AR	Castro Barros	0.82 CL	Metropolitana
AR	Capital San Juan	0.84 AR	Chimbas	0.80 AR	Caucete	0.78 AR	Albardón
AR	Capital Santiago del Estero	0.94 AR	La Rioja	0.76 AR	Valle Fértil	0.34 AR	Ischilin
AR	Castro Barros	0.88 AR	Tunuyán	0.85 AR	Luján de Cuyo	0.84 AR	Calingasta
AR	Caucete	0.98 AR	San Martín - San Juan	0.97 AR	Angaco	0.95 AR	Nueve de Julio
AR	Chilecito	0.91 AR	General Lamadrid	0.90 AR	San Carlos - Salta	0.90 AR	Cafayate
AR	Chimbas	0.96 AR	Albardón	0.94 AR	Santa Lucía	0.91 AR	Nueve de Julio
AR	Colón - Entre Ríos	0.83 CH	Graubünden	0.81 CH	St. Gallen	0.81 CH	Schaffhausen
AR	Conesa	0.82 AR	Pichi Mahuida	0.67 AR	Adolfo Alsina	0.61 AR	Belén
AR	Confluencia	0.66 AR	General Roca	0.65 AR	El Cuy	0.64 AU	Riverina
AR	Coronel Felipe Varela	0.99 AR	Famatina	0.97 AR	Vinchina	0.97 AR	Belén
AR	Coronel Pringles	0.75 AR	Castro Barros	0.73 AR	Tunuyán	0.73 AR	Añelo
AR	Cruz del Eje	0.93 AR	Belén	0.92 AR	Famatina	0.92 AR	Coronel Felipe Varela
AR	Cushamen	0.94 US	Marin	0.81 US	Oregon - other	0.79 US	Humboldt
AR	El Cuy	0.75 AR	General Roca	0.65 AR	Confluencia	0.62 AR	Puelen
AR	Famatina	0.99 AR	Coronel Felipe Varela	0.98 AR	Vinchina	0.98 AR	Belén
AR	General Alvear	0.95 AR	San Martín - Mza	0.92 AR	Santa Rosa - Mza	0.90 AR	San Rafael
AR	General Lamadrid	0.97 AR	Famatina	0.97 AR	Coronel Felipe Varela	0.96 AR	Belén
AR	General Pueyrredón	0.91 FR	Gironde	0.88 CL	O'Higgins	0.85 US	Oregon - other
AR	General Roca	0.75 AR	El Cuy	0.66 AR	Confluencia	0.59 AR	Tunuyán
AR	Godoy Cruz	0.89 AR	Luján de Cuyo	0.85 AR	San Carlos - Mza	0.80 AR	Molinos
AR	Guaymallén	0.90 AR	Maipú	0.84 AR	Las Heras	0.80 AR	Junín - Mza
AR	Iglesia	0.89 AR	Sanagasta	0.89 AR	Angaco	0.84 AR	Santa Lucía
AR	Ischilin	0.70 CH	Graubünden	0.67 CH	St. Gallen	0.67 US	Benton Co.
	Jachal		Veinticinco de Mayo - San Juan		Sarmiento - San Juan		Caucete
AR		0.82 AR	Juan	0.82 AR		0.82 AR	
AR	Junín - Mza	0.98 AR	Rivadavia - Mza	0.94 AR	San Martín - Mza	0.91 AR	Santa Rosa - Mza
AR	La Paz	0.86 AR	Las Heras	0.86 AR	Santa Rosa - Mza	0.86 AR	Lavalle
AR	La Rioja	0.94 AR	Capital Santiago del Estero	0.86 AR	Valle Fértil	0.49 AR	Cruz del Eje
AR	Las Heras	0.94 AR	Lavalle	0.87 AR	Santa Rosa - Mza	0.86 AR	La Paz
AR	Lavalle	0.94 AR	Santa Rosa - Mza	0.94 AR	Las Heras	0.87 AR	San Martín - Mza
AR	Luján de Cuyo	0.95 AR	Maipú	0.94 AR	San Carlos - Mza	0.89 AR	Godoy Cruz
AR	Maipú	0.95 AR	Luján de Cuyo	0.90 AR	Guaymallén	0.88 AR	Tunuyán
AR	Molinos	0.86 AR	Luján de Cuyo	0.83 AR	San Carlos - Mza	0.80 AR	Godoy Cruz
	Nueve de Julio		Sarmiento - San Juan		Rawson		Veinticinco de Mayo - San Juan
AR		0.97 AR		0.96 AR		0.96 AR	
AR	Pichi Mahuida	0.82 AR	Conesa	0.78 AR	Adolfo Alsina	0.71 AR	Las Heras
AR	Pocito	0.97 AR	Santa Lucía	0.96 AR	Rawson	0.96 AR	Tinogasta
AR	Poman	0.80 AR	Rivadavia - San Juan	0.77 AR	Zonda	0.64 AR	Albardón
AR	Puelen	0.91 CH	Ticino	0.90 IT	Rovigo	0.88 FR	Gironde
AR	Rawson	0.98 AR	Santa Lucía	0.97 AR	Tinogasta	0.96 AR	Pocito
AR	Rivadavia - Mza	0.98 AR	Junín - Mza	0.94 AR	San Martín - Mza	0.93 AR	Santa Rosa - Mza
AR	Rivadavia - San Juan	0.90 AR	Albardón	0.85 AR	Chimbas	0.83 AR	Zonda
AR	San Alberto	1.00 AR	San Javier	0.98 AR	Tinogasta	0.95 AR	Santa Lucía
AR	San Blas De Los Sauces	0.97 AR	Tafi del Valle	0.96 AR	San Carlos - Salta	0.95 AR	Belén
AR	San Carlos - Mza	0.94 AR	Luján de Cuyo	0.89 AR	Tunuyán	0.88 AR	Maipú
AR	San Carlos - Salta	0.98 AR	Tafi del Valle	0.96 AR	San Blas De Los Sauces	0.94 AR	Belén
AR	San Javier	1.00 AR	San Alberto	0.96 AR	Tinogasta	0.94 AR	Santa Lucía
AR	San Martín - Mza	0.96 AR	Santa Rosa - Mza	0.95 AR	General Alvear	0.94 AR	Junín - Mza
	San Martín - San Juan		Angaco		Caucete		Veinticinco de Mayo - San Juan
AR		0.98 AR		0.98 AR		0.98 AR	
AR	San Rafael	0.94 AR	Santa Rosa - Mza	0.91 AR	Rivadavia - Mza	0.90 AR	General Alvear

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

AR	Sanagasta	0.92	AR	Vinchina	0.89	AR	Iglesia	0.88	AR	Coronel Felipe Varela
AR	Santa Lucía	0.98	AR	Rawson	0.97	AR	Tinogasta	0.97	AR	Pocito
AR	Santa María - Catamarca	0.87	AR	Cafayate	0.84	AR	Calingasta	0.83	AR	Castro Barros
AR	Santa Rosa - Mza	0.96	AR	San Martín - Mza	0.94	AR	Lavalle	0.94	AR	San Rafael
	Sarmiento - San Juan			Nueve de Julio			Veinticinco de Mayo - San			Caucete
AR		0.97	AR		0.96	AR	Juan	0.92	AR	
AR	Tafi del Valle	0.98	AR	Cachi	0.98	AR	San Carlos - Salta	0.97	AR	San Blas De Los Sauces
AR	Tinogasta	0.98	AR	San Alberto	0.97	AR	Santa Lucía	0.97	AR	Rawson
AR	Totoral	0.78	AR	Godoy Cruz	0.76	AR	Añelo	0.75	AR	Luján de Cuyo
AR	Tunuyán	0.90	AR	Añelo	0.89	AR	San Carlos - Mza	0.89	AR	Luján de Cuyo
AR	Tupungato	0.88	AR	Tunuyán	0.84	AR	Añelo	0.81	AR	Castro Barros
	Ullum			Zonda			Albardón			Veinticinco de Mayo - San
AR		0.81	AR		0.71	AR		0.68	AR	Juan
AR	Valle Fértil	0.86	AR	La Rioja	0.76	AR	Capital Santiago del Estero	0.68	AR	Pocito
	Veinticinco de Mayo - San			Nueve de Julio			Sarmiento - San Juan			Caucete
AR	Juan	0.96	AR		0.96	AR		0.95	AR	
AR	Vinchina	0.98	AR	Famatina	0.97	AR	Coronel Felipe Varela	0.94	AR	Belén
AR	Zonda	0.83	AR	Rivadavia - San Juan	0.81	AR	Ullum	0.77	AR	Poman
AM	Armenia	0.84	RU	Russia	0.81	AU	Northern Territory	0.79	ES	Malaga
AU	Adelaide Hills	0.94	AU	Yarra Valley	0.93	AU	Gippsland	0.92	AU	Alpine Valleys/Beechworth
	Alpine Valleys/Beechworth			Blackwood Valley			South West Australia - other			North East Victoria - other
AU		0.94	AU		0.93	AU		0.93	AU	
AU	Australian Capital Territory	0.94	AU	Pyrenees	0.93	AU	Barossa - other	0.90	AU	Central Victoria - other
AU	Barossa - other	0.94	AU	Far North - other	0.94	AU	Barossa Valley	0.93	AU	Australian Capital Territory
AU	Barossa Valley	0.97	AU	McLaren Vale	0.97	AU	Southern NSW - other	0.96	AU	Mount Lofty Ranges - other
AU	Beechworth	0.95	AU	Western Victoria - other	0.88	AU	Yarra Valley	0.88	AU	Canberra District
AU	Bendigo	0.99	AU	Far North - other	0.97	AU	Grampians	0.97	AU	McLaren Vale
AU	Big Rivers - other	0.85	AU	South Coast - other	0.84	AU	Hunter Valley - other	0.84	AU	Granite Belt
	Blackwood Valley						Geographe			Great Southern
AU		0.98	AU		0.97	AU		0.96	AU	
AU	Canberra District	0.95	AU	Padthaway	0.95	AU	Sunbury	0.95	AU	Central Victoria - other
AU	Central Ranges - other	0.97	AU	Northern Territory	0.97	AU	Queensland - other	0.96	RO	Romania
AU	Central Victoria - other	0.98	AU	Sunbury	0.96	AU	Goulburn Valley	0.96	AU	Padthaway
	Central Western Australia			Eastern Plains, Inland and			Acres			Madeira
AU		0.87	AU	North WA	0.84	PT		0.83	PT	
AU	Clare Valley	0.96	AU	Hilltops	0.96	AU	Great Southern	0.95	AU	Mudgee
AU	Cowra	0.96	AU	Hunter Valley - other	0.96	AU	Hunter	0.92	US	Shasta
AU	Currency Creek	0.99	AU	Langhorne Creek	0.98	AU	Lower Murray - other	0.97	AU	Hilltops
	Eastern Plains, Inland and			Belluno			Acres			Madeira
AU	North WA	0.99	IT		0.97	PT		0.95	PT	
AU	Eden Valley	0.92	AU	Clare Valley	0.89	AU	Canberra District	0.88	AU	Sunbury
AU	Far North - other	0.99	AU	Bendigo	0.97	AU	Grampians	0.96	AU	Pyrenees
AU	Fleurieu - other	0.99	AU	Mudgee	0.98	AU	Southern Fleurieu	0.98	AU	Mount Lofty Ranges - other
AU	Geelong	0.97	AU	Gippsland	0.97	AU	Port Phillip - other	0.96	AU	Mornington Peninsula
AU	Geographe	0.98	AU	Great Southern	0.97	AU	Mudgee	0.97	AU	Orange
AU	Gippsland	0.98	AU	Yarra Valley	0.97	AU	Geelong	0.96	AU	Port Phillip - other
AU	Goulburn Valley	0.96	AU	Mudgee	0.96	AU	Central Victoria - other	0.96	AU	Mount Lofty Ranges - other
AU	Grampians	0.97	AU	McLaren Vale	0.97	AU	Bendigo	0.97	AU	Far North - other
AU	Granite Belt	0.92	AU	South Burnett	0.87	AU	Northern Rivers - other	0.87	AU	South Coast - other
	Great Southern			Geographe			South West Australia - other			Padthaway
AU		0.98	AU		0.97	AU		0.97	AU	
AU	Greater Perth - other	0.75	AU	Swan District	0.69	AU	Perth Hills	0.63	AU	Central Western Australia
AU	Hastings River	0.91	AU	Northern Rivers - other	0.89	AU	South Coast - other	0.82	AU	Granite Belt
AU	Henty	0.94	AU	Gippsland	0.92	AU	Tasmania	0.92	AU	Geelong
AU	Hilltops	0.98	AU	Langhorne Creek	0.98	AU	Kangaroo Island	0.98	AU	Mudgee
AU	Hunter	0.98	AU	Hunter Valley - other	0.96	AU	Cowra	0.88	US	Shasta
AU	Hunter Valley - other	0.98	AU	Hunter	0.96	AU	Cowra	0.87	US	Shasta
AU	Kangaroo Island	0.98	AU	Langhorne Creek	0.98	AU	Mudgee	0.98	AU	Hilltops
AU	Langhorne Creek	0.99	AU	Currency Creek	0.98	AU	Hilltops	0.98	AU	Kangaroo Island
AU	Limestone Coast - other	0.96	AU	Langhorne Creek	0.96	AU	Lower Murray - other	0.96	AU	Currency Creek
AU	Lower Murray - other	0.98	AU	Currency Creek	0.98	AU	Langhorne Creek	0.97	AU	Hilltops
	Margaret River			Geographe			Blackwood Valley			South West Australia - other
AU		0.95	AU		0.94	AU		0.94	AU	
AU	McLaren Vale	0.99	AU	Mount Lofty Ranges - other	0.98	AU	Fleurieu - other	0.97	AU	Grampians
AU	Mornington Peninsula	0.96	AU	Tasmania	0.96	AU	Geelong	0.95	AU	Port Phillip - other
AU	Mount Benson	0.96	AU	North East Victoria - other	0.95	AU	Orange	0.94	AU	Geographe

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

AU	Mount Lofty Ranges - other	0.99 AU	McLaren Vale	0.98 AU	Fleurieu - other	0.98 AU	Mudgee
AU	Mudgee	0.99 AU	Orange	0.99 AU	Fleurieu - other	0.98 AU	Kangaroo Island
AU	Murray Darling (NSW)	0.95 AU	Murray Darling (VIC)	0.89 AU	Swan Hill (NSW)	0.88 AU	Swan Hill (VIC)
AU	Murray Darling (VIC)	0.97 AU	North West Victoria - other	0.95 AU	Murray Darling (NSW)	0.93 AU	Swan Hill (NSW)
	North East Victoria - other		Mount Benson		South West Australia - other		Great Southern
AU		0.96 AU		0.96 AU		0.95 AU	
AU	North West Victoria - other	0.97 AU	Swan Hill (NSW)	0.97 AU	Murray Darling (VIC)	0.95 AU	Swan Hill (VIC)
AU	Northern Rivers - other	0.91 AU	Hastings River	0.89 AU	South Coast - other	0.87 AU	Granite Belt
AU	Northern Slopes - other	0.96 AU	Mount Lofty Ranges - other	0.96 AU	Southern NSW - other	0.96 AU	Southern Fleurieu
AU	Northern Territory	0.97 AU	Central Ranges - other	0.95 AU	Queensland - other	0.95 RO	Romania
AU	Orange	0.99 AU	Mudgee	0.98 AU	Fleurieu - other	0.98 AU	Kangaroo Island
AU	Padthaway	0.97 AU	Great Southern	0.96 AU	Central Victoria - other	0.96 AU	Blackwood Valley
AU	Perricoota	0.91 AU	Lower Murray - other	0.91 AU	Fleurieu - other	0.91 AU	Riverland
AU	Perth Hills	0.80 AU	Cowra	0.77 AU	Central Victoria - other	0.77 AU	Hunter
AU	Port Phillip - other	0.97 AU	Geelong	0.96 AU	Gippsland	0.95 AU	Mornington Peninsula
AU	Pyrenees	0.96 AU	Mount Lofty Ranges - other	0.96 AU	Far North - other	0.96 AU	McLaren Vale
AU	Queensland - other	0.97 AU	Central Ranges - other	0.95 AU	Northern Territory	0.95 RO	Romania
AU	Riverina	0.93 AU	Northern Slopes - other	0.92 AU	Southern NSW - other	0.90 AU	Southern Fleurieu
AU	Riverland	0.97 AU	Mount Lofty Ranges - other	0.96 AU	Mudgee	0.95 AU	Fleurieu - other
AU	Rutherford	0.92 AU	Bendigo	0.91 AU	Far North - other	0.90 AU	Grampians
AU	South Burnett	0.92 AU	Granite Belt	0.82 AU	Big Rivers - other	0.81 AU	Central Western Australia
AU	South Coast - other	0.89 AU	Northern Rivers - other	0.89 AU	Hastings River	0.87 AU	Granite Belt
	South West Australia - other		Blackwood Valley		Geographe		Great Southern
AU		0.98 AU		0.97 AU		0.97 AU	
AU	Southern Fleurieu	0.98 AU	Fleurieu - other	0.98 AU	Mudgee	0.98 AU	Mount Lofty Ranges - other
AU	Southern NSW - other	0.98 AU	Mount Lofty Ranges - other	0.98 AU	Southern Fleurieu	0.97 AU	McLaren Vale
AU	Sunbury	0.98 AU	Central Victoria - other	0.96 AU	Mount Lofty Ranges - other	0.96 AU	Mudgee
AU	Swan District	0.80 AU	South Burnett	0.76 AU	Central Western Australia	0.75 AU	Greater Perth - other
AU	Swan Hill (NSW)	0.97 AU	Swan Hill (VIC)	0.97 AU	North West Victoria - other	0.93 AU	Murray Darling (VIC)
AU	Swan Hill (VIC)	0.97 AU	Swan Hill (NSW)	0.95 AU	North West Victoria - other	0.90 AU	Murray Darling (VIC)
AU	Tasmania	0.96 AU	Mornington Peninsula	0.95 NZ	Wairarapa	0.94 AU	Gippsland
AU	The Peninsulas	0.93 AU	Orange	0.92 AU	Kangaroo Island	0.92 AU	Mudgee
AU	Tumbarumba	0.96 US	San Mateo	0.95 FR	Bourgogne	0.95 US	Santa Cruz
	Western Australia Southeast		Geographe		Blackwood Valley		South West Australia - other
AU	Coast	0.95 AU		0.94 AU		0.94 AU	
AU	Western Plains - other	0.88 AU	Central Ranges - other	0.82 AU	Northern Territory	0.81 AU	Queensland - other
AU	Western Victoria - other	0.95 AU	Beechworth	0.94 AU	North East Victoria - other	0.93 AU	Hilltops
AU	Yarra Valley	0.98 AU	Gippsland	0.94 AU	Adelaide Hills	0.94 AU	Geelong
AT	Burgenland	0.75 SK	Slovakia	0.70 AT	Wien and other regions	0.69 AT	Niederösterreich
AT	Niederösterreich	0.88 AT	Wien and other regions	0.69 AT	Burgenland	0.62 CZ	Czechia
AT	Steiermark	0.57 SK	Slovakia	0.54 AT	Burgenland	0.54 RS	Serbia
AT	Wien and other regions	0.88 AT	Niederösterreich	0.71 CZ	Czechia	0.70 AT	Burgenland
BR	Brazil	0.38 US	New York - other	0.37 CA	Canada	0.36 AR	Colón - Entre Ríos
BG	Bulgaria	0.50 M9	Missing 9	0.49 AR	General Pueyrredón	0.45 FR	Gironde
CA	Canada	0.82 US	New York - other	0.70 US	Michigan	0.67 NZ	Auckland
CL	Araucania	0.98 US	Riverside	0.98 US	Santa Barbara	0.95 US	Santa Cruz
CL	Atacama	0.95 CL	Coquimbo	0.81 ES	Malaga	0.77 AU	Northern Territory
CL	Coquimbo	0.95 CL	Atacama	0.68 ES	Malaga	0.67 AU	Central Ranges - other
	Del Bio Bio		Eastern Plains, Inland and		Acores		Belluno
CL		0.67 AU	North WA	0.67 PT		0.66 IT	
CL	Del Maule	0.86 CL	O'Higgins	0.84 CL	Metropolitana	0.79 US	Yuba
CL	Metropolitana	0.99 CL	O'Higgins	0.93 AU	Limestone Coast - other	0.90 US	Yuba
CL	O'Higgins	0.99 CL	Metropolitana	0.91 AU	Limestone Coast - other	0.88 AR	General Pueyrredón
CL	Valparaiso	0.96 US	Monterey	0.94 US	San Mateo	0.94 US	Santa Barbara
HR	Croatia	0.76 SI	Slovenia	0.73 RS	Serbia	0.70 HU	Hungary
	Cyprus		Eastern Plains, Inland and		Belluno		Acores
CY		0.32 AU	North WA	0.31 IT		0.31 PT	
CZ	Czechia	0.87 SK	Slovakia	0.71 AT	Wien and other regions	0.70 HU	Hungary
FR	Aisne	0.95 FR	Seine-et-Marne	0.68 FR	Champagne-Ardenne	0.43 DE	Württemberg
	Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-		Ardeche		Gard		Bouches-du-Rhone
FR	Maritimes	0.91 FR		0.87 FR		0.85 FR	
FR	Alsace	0.67 DE	Hessische Bergstraße	0.62 DE	Rheingau	0.61 DE	Mittelrhein
FR	Aquitaine except Gironde	0.88 FR	Gironde	0.75 IT	Venezia	0.74 AR	Puelen

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

		Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-	Gard	Bouches-du-Rhone
FR		0.91 FR Maritimes	0.89 FR	0.82 FR
FR	Aude	0.97 FR Hérault	0.86 TN Tunisia	0.78 DZ Algeria
	Auvergne	Rhône-Alpes except	Lorraine	Geneva
FR		0.87 FR Ardèche	0.83 FR	0.70 CH
FR	Bouches-du-Rhône	0.96 FR Gard	0.93 FR Var	0.91 FR Vaucluse
FR	Bourgogne	0.95 AU Tumbarumba	0.91 AU Mornington Peninsula	0.91 US San Mateo
	Centre-Val de Loire	Deux-Sèvres, Vienne	Marlborough	Pays de la Loire except
FR		0.90 FR	0.59 NZ	0.47 FR Mayenne
FR	Champagne-Ardenne	0.82 AU Mornington Peninsula	0.82 FR Seine-et-Marne	0.81 AU Henty
FR	Charente	1.00 FR Charente-Maritime	0.86 US Los Angeles	0.81 IT Terri
FR	Charente-Maritime	1.00 FR Charente	0.87 US Los Angeles	0.82 IT Terri
	Corrèze, Haute-Vienne	Eastern Plains, Inland and	Acors	Madeira
FR		0.77 AU North WA	0.77 PT	0.76 PT
FR	Corse	0.69 IT Siena	0.67 IT Firenze	0.66 IT Arezzo
	Deux-Sèvres, Vienne	Centre-Val de Loire	Pays de la Loire except	Worcester
FR		0.90 FR	0.59 FR Mayenne	0.51 ZA
FR	Franche Comté	0.88 US Santa Cruz	0.87 US Santa Barbara	0.86 US San Mateo
FR	Gard	0.96 FR Bouches-du-Rhône	0.90 FR Var	0.89 FR Ardèche
FR	Gers	0.79 FR Charente-Maritime	0.78 FR Charente	0.69 US Los Angeles
FR	Gironde	0.91 AR General Pueyrredón	0.89 IT Padova	0.88 IT Bergamo
FR	Hérault	0.97 FR Aude	0.84 DZ Algeria	0.82 FR Var
	Lorraine	Auvergne	Rhône-Alpes except Ardèche	Valais
FR		0.83 FR	0.68 FR	0.65 CH
FR	Midi-Pyrénées except Gers	0.71 AR Luján de Cuyo	0.68 AR San Carlos - Mza	0.67 AR Godoy Cruz
	Pays de la Loire except	Deux-Sèvres, Vienne	Centre-Val de Loire	Worcester
FR	Mayenne	0.59 FR	0.47 FR	0.29 ZA
FR	Pyrenees-Orientales	0.78 FR Gard	0.75 FR Bouches-du-Rhône	0.73 FR Var
	Rhône-Alpes except	Auvergne	Lorraine	Geneva
FR	Ardeche	0.87 FR	0.68 FR	0.62 CH
FR	Seine-et-Marne	0.95 FR Aisne	0.82 FR Champagne-Ardenne	0.54 AU Henty
FR	Var	0.93 FR Bouches-du-Rhône	0.90 FR Gard	0.89 DZ Algeria
FR	Vaucluse	0.93 IT Nuoro	0.91 FR Bouches-du-Rhône	0.90 ES Zaragoza
GE	Georgia	0.60 RU Russia	0.50 AM Armenia	0.40 M9 Missing 9
DE	Ahr	0.95 CH Graubünden	0.95 CH St. Gallen	0.95 CH Schaffhausen
DE	Baden	0.94 CH Other regions	0.92 CH Schwyz	0.92 CH Aargau
DE	Franken	0.88 DE Rheinhessen	0.84 DE Saale	0.72 CH Lucerne
DE	Hessische Bergstraße	0.98 DE Mittelrhein	0.97 DE Rheingau	0.96 DE Mosel
DE	Mittelrhein	0.99 DE Rheingau	0.98 DE Hessische Bergstraße	0.95 DE Mosel
DE	Mosel	0.96 DE Hessische Bergstraße	0.95 DE Mittelrhein	0.92 DE Rheingau
DE	Nahe	0.95 DE Pfalz	0.88 DE Rheinhessen	0.87 DE Mosel
DE	Pfalz	0.95 DE Nahe	0.88 DE Rheinhessen	0.82 DE Sachsen
DE	Rheingau	0.99 DE Mittelrhein	0.97 DE Hessische Bergstraße	0.92 DE Mosel
DE	Rheinhessen	0.88 DE Franken	0.88 DE Saale	0.88 DE Nahe
DE	Saale	0.88 DE Rheinhessen	0.86 DE Sachsen	0.84 DE Franken
DE	Sachsen	0.86 DE Saale	0.86 LU Luxembourg	0.84 DE Nahe
DE	Württemberg	0.62 DE Hessische Bergstraße	0.61 DE Mittelrhein	0.61 DE Mosel
	Anatoliki Makedonia, Thraki	Marlborough	Lake	Stellenbosch
EL		0.70 NZ	0.63 US	0.59 ZA
EL	Attiki	1.00 EL Sterea Ellada	0.30 EL Peloponnisos	0.05 EL Kentriki Makedonia
	Dytiki Ellada	Kentriki Makedonia	Peloponnisos	Eastern Plains, Inland and
EL		0.55 EL	0.50 EL	0.41 AU North WA
	Dytiki Makedonia	Kentriki Makedonia	Acors	Eastern Plains, Inland and
EL		0.84 EL	0.27 PT	0.26 AU North WA
EL	Ionia Nisia	0.92 AU Northern Territory	0.89 ES Malaga	0.89 AU Central Ranges - other
	Ipeiros	Acors	Eastern Plains, Inland and	Madeira
EL		0.35 PT	0.35 AU North WA	0.35 PT
	Kentriki Makedonia	Dytiki Makedonia	Dytiki Ellada	Eastern Plains, Inland and
EL		0.84 EL	0.55 EL	0.50 AU North WA
	Kriti	Eastern Plains, Inland and	Belluno	Acors
EL		0.08 AU North WA	0.08 IT	0.08 PT
EL	Notio Aigaio	0.44 AU Northern Territory	0.43 AU Central Ranges - other	0.42 ES Malaga
EL	Peloponnisos	0.50 EL Dytiki Ellada	0.31 EL Kentriki Makedonia	0.30 EL Sterea Ellada
EL	Stereia Ellada	1.00 EL Attiki	0.30 EL Peloponnisos	0.06 EL Kentriki Makedonia
EL	Thessalia	0.28 EL Kentriki Makedonia	0.21 EL Dytiki Ellada	0.11 EL Peloponnisos

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

	Voreio Aigaio	Cuneo	Anatoliki Makedonia, Thraki	Asti
EL		0.61 IT	0.46 EL	0.39 IT
HU	Hungary	0.88 SI	Slovenia	0.85 AU
IL	Israel	0.68 FR	Aude	0.65 FR
IT	Agrigento	0.64 IT	Palermo	0.60 IT
IT	Alessandria	0.90 IT	Asti	0.69 IT
IT	Ancona	0.91 IT	Macerata	0.21 IT
IT	Arezzo	1.00 IT	Firenze	0.98 IT
IT	Ascoli Piceno	0.86 IT	Bari	0.84 IT
IT	Asti	0.90 IT	Alessandria	0.73 IT
IT	Avellino	0.94 IT	Potenza	0.42 IT
IT	Bari	0.86 IT	Ascoli Piceno	0.76 IT
IT	Belluno		Eastern Plains, Inland and Acores	Madeira
IT		0.99 AU	North WA	0.93 PT
IT	Benevento	0.77 IT	Potenza	0.55 IT
IT	Bergamo	0.88 FR	Gironde	0.84 AR
IT	Biella	0.82 IT	Verbano-Cusio-Ossola	0.77 IT
IT	Bologna	0.89 IT	Ravenna	0.71 IT
IT	Bolzano-Bozen	0.47 DE	Württemberg	0.35 US
IT	Brescia	0.69 US	Nevada	0.67 US
IT	Brindisi	0.99 IT	Lecce	0.09 IT
IT	Cagliari	0.61 IT	Oristano	0.44 FR
IT	Caltanissetta	0.96 IT	Siracusa	0.60 IT
IT	Campobasso	0.98 IT	Pescara	0.96 IT
IT	Caserta	0.71 IT	Isernia	0.62 IT
IT	Catania	0.61 IT	Messina	0.20 IT
IT	Catanzaro	0.68 IT	Cosenza	0.52 IT
IT	Chieti	0.94 IT	Campobasso	0.88 IT
IT	Como	0.65 IT	Messina	0.48 IT
IT	Cosenza	0.74 IT	Crotone	0.66 IT
IT	Cremona	0.75 IT	Reggio nell'Emilia	0.37 IT
IT	Crotone	0.74 IT	Cosenza	0.24 IT
IT	Cuneo	0.66 IT	Alessandria	0.60 IT
IT	Enna		Messina	Belluno
IT		0.81 IT	Eastern Plains, Inland and North WA	0.80 IT
IT	Ferrara	0.95 IT	Ravenna	0.55 IT
IT	Firenze	1.00 IT	Arezzo	0.98 IT
IT	Foggia	0.89 IT	Pisa	0.86 IT
IT	Forlì-Cesena	0.94 IT	Rimini	0.80 IT
IT	Frosinone	0.65 IT	Latina	0.63 IT
IT	Genova	0.77 IT	La Spezia	0.51 IT
IT	Gorizia	0.89 IT	Udine	0.75 IT
IT	Grosseto	0.97 IT	Pisa	0.95 IT
IT	Imperia	0.78 IT	Savona	0.53 IT
IT	Isernia	0.85 IT	Ascoli Piceno	0.74 IT
IT	La Spezia	0.77 IT	Genova	0.58 IT
IT	L'Aquila	0.99 IT	Pescara	0.96 IT
IT	Latina	0.90 IT	Viterbo	0.77 FR
IT	Lecce	0.99 IT	Brindisi	0.05 IT
IT	Lecco	0.75 US	Lake	0.72 NZ
IT	Livorno	0.85 IT	Lucca	0.81 IT
IT	Lodi	0.81 IT	Milano	0.69 IT
IT	Lucca	0.97 IT	Pisa	0.91 IT
IT	Macerata	0.91 IT	Ancona	0.45 IT
IT	Mantova	0.49 IT	Cremona	0.48 IT
IT	Massa-Carrara	0.72 IT	Savona	0.65 IT
IT	Matera	0.83 IT	Siena	0.82 IT
IT	Messina	0.81 IT	Enna	0.65 IT
IT	Milano	0.85 IT	Piacenza	0.68 IT
IT	Modena	0.44 IT	Reggio nell'Emilia	0.23 IT
IT	Napoli	0.35 IT	Caserta	0.26 AU
IT	Novara	0.86 IT	Vercelli	0.65 IT
IT	Nuoro	0.93 FR	Vaucluse	0.88 ES
IT	Oristano		Cagliari	Huesca, Teruel
IT		0.61 IT	Eastern Plains, Inland and North WA	Belluno

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

IT	Padova	0.94 IT	Rovigo	0.91 CH	Ticino	0.90 IT	Venezia
IT	Palermo	0.98 IT	Trapani	0.64 IT	Agrigento	0.17 FR	Charente-Maritime
IT	Parma	0.47 IT	Piacenza	0.40 IT	Pavia	0.39 AR	Andalgala
IT	Pavia	0.69 IT	Lodi	0.69 IT	Asti	0.68 IT	Milano
IT	Perugia	0.88 IT	Pisa	0.86 IT	Lucca	0.86 IT	Grosseto
IT	Pesaro e Urbino	0.63 IT	Rimini	0.59 IT	Siena	0.58 IT	Firenze
IT	Pescara	0.99 IT	L'Aquila	0.99 IT	Teramo	0.98 IT	Campobasso
IT	Piacenza	0.85 IT	Milano	0.74 IT	Lodi	0.67 IT	Pavia
IT	Pisa	0.97 IT	Lucca	0.97 IT	Grosseto	0.95 IT	Pistoia
IT	Pistoia	0.98 IT	Arezzo	0.98 IT	Prato	0.97 IT	Firenze
IT	Pordenone	0.96 IT	Venezia	0.95 IT	Udine	0.86 IT	Padova
IT	Potenza	0.94 IT	Avellino	0.77 IT	Benevento	0.45 IT	Salerno
IT	Prato	0.99 IT	Arezzo	0.98 IT	Firenze	0.98 IT	Pistoia
IT	Ragusa	0.98 IT	Siracusa	0.95 IT	Caltanissetta	0.51 IT	Agrigento
IT	Ravenna	0.95 IT	Ferrara	0.89 IT	Bologna	0.66 IT	Forli-Cesena
IT	Reggio di Calabria	0.69 IT	Enna	0.68 IT	Messina	0.66 IT	Cosenza
IT	Reggio nell'Emilia	0.75 IT	Cremona	0.46 IT	Mantova	0.44 IT	Modena
IT	Rieti	0.82 IT	Roma	0.79 IT	Viterbo	0.69 IT	Foggia
IT	Rimini	0.95 IT	Siena	0.94 IT	Firenze	0.94 IT	Forli-Cesena
IT	Roma	0.86 IT	Latina	0.83 IT	Viterbo	0.82 IT	Rieti
IT	Rovigo	0.98 CH	Ticino	0.94 IT	Padova	0.90 AR	Puelen
IT	Salerno	0.81 IT	Asti	0.75 IT	Alessandria	0.71 IT	Verbano-Cusio-Ossola
IT	Sassari	0.68 IT	Savona	0.61 IT	Massa-Carrara	0.53 IT	Imperia
IT	Savona	0.78 IT	Imperia	0.72 IT	Massa-Carrara	0.68 IT	Sassari
IT	Siena	0.99 IT	Firenze	0.98 IT	Arezzo	0.96 IT	Prato
IT	Siracusa	0.98 IT	Ragusa	0.96 IT	Caltanissetta	0.50 IT	Agrigento
IT	Sondrio	0.97 IT	Vercelli	0.80 IT	Novara	0.57 IT	Verbano-Cusio-Ossola
IT	Taranto	0.88 US	Amador	0.87 US	Colusa	0.78 US	San Bernardino
IT	Teramo	0.99 IT	Pescara	0.96 IT	L'Aquila	0.96 IT	Campobasso
IT	Terni	0.84 IT	Viterbo	0.83 IT	Perugia	0.82 FR	Charente-Maritime
IT	Torino	0.81 IT	Biella	0.73 IT	Asti	0.69 IT	Verbano-Cusio-Ossola
IT	Trapani	0.98 IT	Palermo	0.60 IT	Agrigento	0.11 IT	Vicenza
IT	Trento	0.85 US	Yolo	0.85 US	Monterey	0.83 US	Tehama
IT	Treviso	0.67 IT	Padova	0.64 IT	Venezia	0.63 IT	Pordenone
IT	Trieste	0.23 HR	Croatia	0.20 IT	Gorizia	0.13 NZ	Marlborough
IT	Udine	0.95 IT	Pordenone	0.92 IT	Venezia	0.89 IT	Gorizia
IT	Valle d'Aosta	0.52 IT	Vercelli	0.51 IT	Novara	0.48 IT	Como
IT	Varese	0.77 IT	Biella	0.72 IT	Verbano-Cusio-Ossola	0.61 IT	Vercelli
IT	Venezia	0.96 IT	Pordenone	0.92 IT	Udine	0.90 IT	Padova
IT	Verbano-Cusio-Ossola	0.82 IT	Biella	0.73 IT	Asti	0.72 IT	Varese
IT	Vercelli	0.97 IT	Sondrio	0.86 IT	Novara	0.67 IT	Biella
IT	Verona	0.74 IT	Vicenza	0.14 IT	Padova	0.12 IT	Mantova
IT	Vibo Valentia		Eastern Plains, Inland and		Acres		Belluno
IT		0.78 AU	North WA	0.78 PT		0.77 IT	
IT	Vicenza	0.74 IT	Verona	0.56 IT	Padova	0.50 IT	Venezia
IT	Viterbo	0.90 IT	Latina	0.84 IT	Terni	0.83 IT	Roma
KR	KoreaRep	0.63 TW	Taiwan	0.25 PT	Acres	0.25 PT	Madeira
LU	Luxembourg	0.86 DE	Sachsen	0.74 DE	Saale	0.71 CH	Lucerne
M9	Missing 9	0.84 CL	Metropolitana	0.84 CL	O'Higgins	0.79 AU	Limestone Coast - other
MD	Moldova	0.69 M9	Missing 9	0.51 AU	Adelaide Hills	0.49 AU	Alpine Valleys/Beechworth
	Morocco		Acres		Eastern Plains, Inland and		Madeira
MA		0.62 PT		0.62 AU	North WA	0.61 PT	
NZ	Auckland	0.94 US	Napa	0.93 US	Nevada	0.93 NZ	Hawkes Bay
NZ	Canterbury	0.91 AU	Tasmania	0.91 NZ	Waipara	0.88 NZ	Otago
NZ	Gisborne	0.94 US	Riverside	0.94 US	Santa Barbara	0.94 CL	Araucania
NZ	Hawkes Bay	0.96 US	Solano	0.93 US	Nevada	0.93 NZ	Auckland
NZ	Marlborough	0.86 NZ	Nelson	0.80 NZ	Waipara	0.73 NZ	Wairarapa
NZ	Nelson	0.96 NZ	Waipara	0.88 NZ	Wairarapa	0.86 AU	Tasmania
NZ	Otago	0.98 US	Polk Co.	0.98 US	Humboldt	0.97 US	Yamhill Co.
NZ	Waikato	0.81 ZA	Stellenbosch	0.74 AU	Big Rivers - other	0.72 NZ	Hawkes Bay
NZ	Waipara	0.97 NZ	Wairarapa	0.96 NZ	Nelson	0.92 AU	Tasmania
NZ	Wairarapa	0.97 NZ	Waipara	0.95 AU	Tasmania	0.92 NZ	Otago
	Acres		Madeira		Eastern Plains, Inland and		Belluno
PT		0.98 PT		0.97 AU	North WA	0.94 IT	
PT	Alentejo	0.64 PT	Ribatejo e Oeste	0.55 PT	Algarve	0.42 PT	Alto Tras-os-Montes

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

PT	Algarve	0.55 PT	Alentejo	0.54 PT	Ribatejo e Oeste	0.53 PT	Madeira
PT	Alto Tras-os-Montes	0.84 PT	Beira Interior	0.80 AU	Queensland - other	0.78 IT	Belluno
PT	Beira Interior	0.84 PT	Alto Tras-os-Montes	0.82 IT	Belluno	0.82 AU	Queensland - other
	Beira Litoral		Beira Interior		Belluno		Eastern Plains, Inland and
PT		0.60 PT		0.57 IT		0.56 AU	North WA
	Entre Douro e Minho		Belluno		Eastern Plains, Inland and		Beira Interior
PT		0.45 IT		0.44 AU	North WA	0.43 PT	
	Madeira		Acores		Eastern Plains, Inland and		Belluno
PT		0.98 PT		0.95 AU	North WA	0.93 IT	
PT	Ribatejo e Oeste	0.64 PT	Alentejo	0.54 PT	Algarve	0.53 PT	Beira Litoral
RO	Romania	0.96 AU	Central Ranges - other	0.95 AU	Queensland - other	0.95 AU	Northern Territory
RU	Russia	0.84 AM	Armenia	0.79 AU	Queensland - other	0.78 AU	Central Ranges - other
RS	Serbia	0.73 HR	Croatia	0.68 ES	Caceres	0.67 SK	Slovakia
SK	Slovakia	0.87 CZ	Czechia	0.75 AT	Burgenland	0.67 RS	Serbia
SI	Slovenia	0.94 RO	Romania	0.92 AU	Central Ranges - other	0.91 AU	Queensland - other
ZA	Breedekloof	0.96 ZA	Olifants River	0.94 ZA	Worcester	0.86 ZA	Little Karoo
ZA	Little Karoo	0.90 ZA	Olifants River	0.89 ZA	Northern Cape	0.87 ZA	Worcester
ZA	Northern Cape	0.89 ZA	Little Karoo	0.89 US	Kern	0.88 US	Madera
ZA	Olifants River	0.96 ZA	Breedekloof	0.94 ZA	Worcester	0.90 ZA	Little Karoo
ZA	Paarl	0.99 ZA	Swartland	0.88 ZA	Worcester	0.84 ZA	Breedekloof
ZA	Robertson	0.91 ZA	Worcester	0.87 ZA	Little Karoo	0.83 ZA	Olifants River
ZA	Stellenbosch	0.81 NZ	Waikato	0.80 ZA	Paarl	0.79 ZA	Swartland
ZA	Swartland	0.99 ZA	Paarl	0.88 ZA	Worcester	0.83 ZA	Breedekloof
ZA	Worcester	0.94 ZA	Olifants River	0.94 ZA	Breedekloof	0.91 ZA	Robertson
ES	Alava	0.95 ES	Burgos	0.91 ES	La Rioja	0.82 ES	Guadalajara
ES	Albacete	0.84 ES	Cuenca	0.77 ES	Ciudad Real	0.75 ES	Toledo
ES	Alicante	0.74 ES	Region de Murcia	0.73 ES	Malaga	0.70 AU	Northern Territory
	Almeria, Granada, Jaen,		Queensland - other		Beira Interior		Belluno
ES	Sevilla	0.73 AU		0.71 PT		0.71 IT	
	Avila, Palencia, Salamanca,		Zaragoza		Comunidad Foral de Navarra		Nuoro
ES	Segovia, Soria	0.88 ES		0.88 ES		0.88 IT	
	Badajoz		Caceres		Almeria, Granada, Jaen,		Malaga
ES		0.07 ES		0.06 ES	Sevilla	0.05 ES	
ES	Barcelona	0.76 ES	Tarragona	0.61 ES	Girona, Lleida	0.26 ES	Castellon
ES	Burgos	0.95 ES	Alava	0.88 ES	La Rioja	0.80 ES	Guadalajara
ES	Caceres	0.68 RS	Serbia	0.54 HR	Croatia	0.53 SK	Slovakia
ES	Cadiz	0.88 ES	Canarias	0.68 ES	Cantabria	0.38 ES	Galicia
ES	Canarias	0.88 ES	Cadiz	0.60 ES	Cantabria	0.39 ES	Galicia
ES	Cantabria	0.84 ES	Leon	0.68 ES	Cadiz	0.60 ES	Canarias
	Castellon		Comunidad Foral de Navarra		La Rioja		Valladolid
ES		0.77 ES		0.75 ES		0.74 ES	
ES	Ciudad Real	0.97 ES	Toledo	0.77 ES	Albacete	0.72 ES	Cuenca
ES	Comunidad de Madrid	0.80 ES	Toledo	0.73 IT	Nuoro	0.72 ES	Zaragoza
	Comunidad Foral de Navarra		Avila, Palencia, Salamanca,		Huesca, Teruel		Zaragoza
ES		0.88 ES	Segovia, Soria	0.85 ES		0.83 ES	
ES	Cordoba	0.44 CL	Coquimbo	0.33 CL	Atacama	0.16 ES	Malaga
ES	Cuenca	0.84 ES	Albacete	0.72 ES	Ciudad Real	0.70 ES	Toledo
	Galicia		Leon		Almeria, Granada, Jaen,		Belluno
ES		0.50 ES		0.47 ES	Sevilla	0.44 IT	
ES	Girona, Lleida	0.85 ES	Tarragona	0.64 FR	Pyrenees-Orientales	0.61 ES	Barcelona
ES	Guadalajara	0.82 ES	Alava	0.80 ES	Burgos	0.74 ES	La Rioja
ES	Guipuzcoa, Vizcaya	0.06 AU	Northern Territory	0.06 AU	Central Ranges - other	0.06 ES	Malaga
	Huelva		Almeria, Granada, Jaen,		Belluno		Eastern Plains, Inland and
ES		0.07 ES	Sevilla	0.06 IT		0.06 AU	North WA
ES	Huesca, Teruel	0.98 ES	Zaragoza	0.88 IT	Nuoro	0.87 FR	Vaucluse
ES	Illes Balears	0.40 ZA	Stellenbosch	0.39 AU	South Coast - other	0.39 AU	Granite Belt
	La Rioja		Alava		Burgos		Comunidad Foral de Navarra
ES		0.91 ES		0.88 ES		0.81 ES	
ES	Leon	0.84 ES	Cantabria	0.75 ES	Principado de Asturias	0.50 ES	Galicia
ES	Malaga	0.94 AU	Northern Territory	0.90 AU	Central Ranges - other	0.89 EL	Ionia Nisia
ES	Principado de Asturias	0.75 ES	Leon	0.66 PT	Acores	0.65 PT	Madeira
ES	Region de Murcia	0.74 ES	Alicante	0.51 ES	Albacete	0.51 US	Contra Costa
ES	Tarragona	0.85 ES	Girona, Lleida	0.76 ES	Barcelona	0.53 FR	Pyrenees-Orientales
ES	Toledo	0.97 ES	Ciudad Real	0.80 ES	Comunidad de Madrid	0.75 ES	Albacete
ES	Valencia	0.69 ES	Cuenca	0.42 ES	Albacete	0.17 AU	Queensland - other
ES	Valladolid	0.84 ES	Zamora	0.74 ES	Castellon	0.72 ES	Burgos

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

ES	Zamora	0.84	ES	Valladolid	0.73	ES	Castellon	0.70	ES	La Rioja
ES	Zaragoza	0.98	ES	Huesca, Teruel	0.92	IT	Nuoro	0.90	FR	Vaucluse
CH	Aargau	1.00	CH	Zürich	0.99	CH	Thurgau	0.99	CH	Other regions
CH	Basel Land	0.99	CH	St. Gallen	0.99	CH	Schaffhausen	0.98	CH	Thurgau
CH	Bern	0.98	CH	Neuchâtel	0.95	CH	Fribourg	0.90	CH	Valais
CH	Fribourg	0.97	CH	Vaud	0.95	CH	Bern	0.92	CH	Neuchâtel
CH	Geneva	0.84	CH	Vaud	0.80	CH	Valais	0.73	CH	Fribourg
CH	Graubünden	0.99	CH	St. Gallen	0.99	CH	Schaffhausen	0.98	CH	Basel Land
CH	Jura	0.61	CH	Schwyz	0.59	CH	Lucerne	0.55	CH	Aargau
CH	Lucerne	0.95	CH	Other regions	0.93	CH	Schwyz	0.91	DE	Baden
CH	Neuchâtel	0.98	CH	Bern	0.92	CH	Valais	0.92	CH	Fribourg
CH	Other regions	0.99	CH	Aargau	0.98	CH	Schwyz	0.97	CH	Zürich
CH	Schaffhausen	1.00	CH	St. Gallen	0.99	CH	Basel Land	0.99	CH	Graubünden
CH	Schwyz	0.98	CH	Other regions	0.98	CH	Aargau	0.98	CH	Zürich
CH	St. Gallen	1.00	CH	Schaffhausen	0.99	CH	Basel Land	0.99	CH	Graubünden
CH	Thurgau	1.00	CH	Zürich	0.99	CH	Aargau	0.98	CH	Schaffhausen
CH	Ticino	0.98	IT	Rovigo	0.91	IT	Padova	0.91	AR	Puelen
CH	Valais	0.92	CH	Neuchâtel	0.90	CH	Bern	0.82	CH	Fribourg
CH	Vaud	0.97	CH	Fribourg	0.89	CH	Bern	0.84	CH	Neuchâtel
CH	Zürich	1.00	CH	Thurgau	1.00	CH	Aargau	0.98	CH	Basel Land
TW	Taiwan	0.63	KR	KoreaRep	0.01	AR	Avellaneda - Río Negro	0.00	AR	Ullum
TN	Tunisia	0.86	FR	Aude	0.81	FR	Herault	0.70	DZ	Algeria
UK	UnitedKingdom	0.62	AU	Central Ranges - other	0.62	AU	Northern Territory	0.61	AU	Queensland - other
US	Alameda	0.96	US	Santa Clara	0.95	US	Solano	0.95	US	Nevada
US	Amador	0.99	US	Colusa	0.89	US	San Bernardino	0.88	IT	Taranto
US	Benton Co.	0.99	US	Yamhill Co.	0.98	US	Polk Co.	0.97	CH	Graubünden
US	Butte	0.85	US	El Dorado	0.76	US	San Joaquin	0.72	US	Amador
US	Calaveras	0.94	US	Mendocino	0.93	US	Solano	0.92	US	Sacramento
US	Chautauqua-Erie	0.85	US	Finger Lakes	0.56	US	New York - other	0.47	CA	Canada
US	Columbia River	0.82	AU	North East Victoria - other	0.82	US	Oregon - other	0.81	AR	General Pueyrredón
US	Colusa	0.99	US	Amador	0.89	US	San Bernardino	0.87	IT	Taranto
US	Contra Costa	0.80	US	San Joaquin	0.72	US	Mendocino	0.71	US	Sutter
US	Douglas Co.	0.92	US	Washington Co.	0.92	US	Josephine Co.	0.90	US	Valley - other
US	El Dorado	0.93	US	San Joaquin	0.91	US	Mariposa	0.85	US	Calaveras
US	Finger Lakes	0.85	US	Chautauqua-Erie	0.65	US	New York - other	0.59	CA	Canada
US	Fresno	0.93	US	Kern	0.91	US	Madera	0.88	US	Stanislaus
US	Glenn	0.71	US	Madera	0.68	US	Stanislaus	0.67	IT	Nuoro
US	Humboldt	0.98	NZ	Otago	0.97	US	Polk Co.	0.97	US	Yamhill Co.
US	Josephine Co.	0.97	US	Valley - other	0.97	US	Washington Co.	0.95	US	Lane Co.
US	Kern	0.95	US	Madera	0.93	US	Tulare	0.93	US	Fresno
US	Kings	0.75	US	Tulare	0.72	US	Kern	0.64	US	Fresno
US	Lake	0.90	US	San Luis Obispo	0.88	US	Napa	0.88	US	Calaveras
US	Lane Co.	0.98	US	Marion Co.	0.95	US	Josephine Co.	0.95	US	Washington Co.
US	Los Angeles	0.87	FR	Charente-Maritime	0.86	FR	Charente	0.72	IT	Terri
US	Madera	0.95	US	Kern	0.91	US	Stanislaus	0.91	US	Fresno
US	Marin	0.94	AR	Cushman	0.92	US	Oregon - other	0.86	US	Trinity
US	Marion Co.	0.98	US	Lane Co.	0.97	US	Washington Co.	0.97	US	Valley - other
US	Mariposa	0.91	US	El Dorado	0.86	US	Calaveras	0.85	US	San Luis Obispo
US	Mendocino	0.97	US	Sonoma	0.96	US	Santa Clara	0.95	US	Alameda
US	Merced	0.85	US	Stanislaus	0.81	US	Tulare	0.79	US	Sacramento
US	Michigan	0.73	NZ	Canterbury	0.71	US	Douglas Co.	0.70	CA	Canada
US	Monterey	0.98	US	Yolo	0.98	US	Riverside	0.98	US	Santa Barbara
US	Napa	0.97	US	San Luis Obispo	0.94	US	San Benito	0.94	NZ	Auckland
US	Nevada	0.96	US	Santa Clara	0.96	US	Sonoma	0.96	US	Solano
US	New York - other	0.82	CA	Canada	0.70	US	Washington	0.69	US	Trinity
US	Oregon - other	0.92	US	Marin	0.90	US	Trinity	0.88	FR	Gironde
US	Placer	0.86	US	San Bernardino	0.75	US	Amador	0.74	US	Colusa
US	Polk Co.	1.00	US	Yamhill Co.	0.98	NZ	Otago	0.98	US	Benton Co.
US	Riverside	0.98	US	Yolo	0.98	US	Santa Barbara	0.98	CL	Araucania
US	Sacramento	0.97	US	Solano	0.96	US	Santa Clara	0.95	US	Nevada
US	San Benito	0.95	US	Sonoma	0.94	US	San Luis Obispo	0.94	US	Napa
US	San Bernardino	0.89	US	Amador	0.89	US	Colusa	0.86	US	Placer
US	San Diego	0.71	AU	Australian Capital Territory	0.69	AU	Alpine Valleys/Beechworth	0.69	US	Washington
US	San Joaquin	0.93	US	El Dorado	0.84	US	Colusa	0.84	US	Calaveras

Table 95 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2000

US	San Luis Obispo	0.97 US Napa	0.95 US Sonoma	0.94 US San Benito
US	San Mateo	0.98 US Santa Cruz	0.97 US Santa Barbara	0.96 AU Tumbarumba
US	Santa Barbara	0.99 US Santa Cruz	0.98 US Riverside	0.98 CL Araucania
US	Santa Clara	0.97 US Sonoma	0.96 US Nevada	0.96 US Alameda
US	Santa Cruz	0.99 US Santa Barbara	0.98 US San Mateo	0.96 US Monterey
US	Shasta	0.92 AU Cowra	0.88 AU Hunter	0.87 AU Hunter Valley - other
US	Solano	0.97 US Sacramento	0.96 US Sonoma	0.96 US Santa Clara
US	Sonoma	0.97 US Santa Clara	0.97 US Mendocino	0.96 US Solano
US	Stanislaus	0.91 US Madera	0.88 US Fresno	0.87 US Kern
US	Sutter	0.83 US Mendocino	0.82 US Riverside	0.82 US Yolo
US	Tehama	0.98 US Yolo	0.95 US Riverside	0.94 US Monterey
US	Trinity	0.94 US Washington	0.90 US Oregon - other	0.90 US Sacramento
US	Tulare	0.93 US Kern	0.89 US Madera	0.88 US Fresno
US	Valley - other	0.98 US Washington Co.	0.97 US Josephine Co.	0.97 US Marion Co.
US	Ventura	0.86 AU Far North - other	0.83 AU Bendigo	0.83 AU Barossa - other
US	Washington	0.95 US Sacramento	0.94 US Trinity	0.92 US Nevada
US	Washington Co.	0.98 US Valley - other	0.97 US Josephine Co.	0.97 US Marion Co.
US	Yamhill Co.	1.00 US Polk Co.	0.99 US Benton Co.	0.97 NZ Otago
US	Yolo	0.98 US Monterey	0.98 US Riverside	0.98 US Tehama
US	Yuba	0.90 CL Metropolitana	0.86 CL O'Higgins	0.82 AU Limestone Coast - other
UY	Uruguay	0.46 AR Coronel Pringles	0.34 FR Correze, Haute-Vienne	0.33 IT Bergamo

Table 96: Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

DZ	Algeria	0.84 FR Var	0.74 FR Bouches-du-Rhone	0.72 FR Hérault
AR	Adolfo Alsina	0.91 AR Puelen	0.89 AR Añelo	0.88 AR Tunuyán
AR	Albardón	0.97 AR Chimbas	0.93 AR La Rioja	0.90 AR Santa Lucía
AR	Ambato	0.86 AU Bendigo	0.85 AU Central Western Australia	0.84 AU Central Victoria - other
AR	Andalgalá	0.61 AR Arauco	0.60 AR Tinogasta	0.60 AR Santa Lucía
AR	Añelo	0.95 AR Tunuyán	0.91 AR Tupungato	0.91 AR Luján de Cuyo
AR	Angaco	0.96 AR San Martín - San Juan	0.96 AR Caucete	0.95 AR Valle Fértil
AR	Arauco	0.98 AR Tinogasta	0.97 AR Santa Lucía	0.96 AR Rawson
AR	Avellaneda - Río Negro	0.81 AR Maipú	0.79 AR Tunuyán	0.78 AR Confluencia
AR	Belén	0.96 AR Famatina	0.96 AR Cruz del Eje	0.95 AR Coronel Felipe Varela
AR	Cachi	0.98 AR Molinos	0.95 AR Luján de Cuyo	0.94 AR San Carlos - Mza
AR	Cafayate	0.97 AR Tafí del Valle	0.91 AR Santa María - Catamarca	0.91 AR La Viña
AR	Calamuchita	0.90 AU Mount Benson	0.87 AU Blackwood Valley	0.87 AU Geographe
AR	Calingasta	0.97 AR Chos Malal	0.94 AR Tumbaya	0.92 AR Castro Barros
AR	Capital San Juan	0.65 AR Rivadavia - San Juan	0.63 AR Caucete	0.62 AR Albardón
AR	Castro Barros	0.92 AR Calingasta	0.89 AR Santa María - Cba	0.88 AR Maipú
AR	Caucete	0.98 AR San Martín - San Juan	0.96 AR Nueve de Julio	0.96 AR Angaco
AR	Chilecito	0.93 AR General Lamadrid	0.92 AR Famatina	0.89 AR San Carlos - Salta
AR	Chimbas	0.97 AR Santa Lucía	0.97 AR Albardón	0.96 AR Pocito
AR	Chos Malal	0.98 AR Tumbaya	0.97 AR Calingasta	0.89 CN Sichuan
AR	Collon Cura	0.99 FR Aube	0.99 US Marin	0.98 AR Malargüe
AR	Colón - Cba	0.97 AR Malargüe	0.97 US Marin	0.97 CH Graubünden
AR	Colón - Entre Ríos	0.85 AR Tilcara	0.83 AR Victoria	0.81 AR Villarino
AR	Concordia	0.80 AR Tandil	0.73 AR Victoria	0.67 AR Calingasta
AR	Conesa	0.84 AR Pichi Mahuida	0.66 AR Avellaneda - Río Negro	0.61 AR Belén
AR	Confluencia	0.89 AR Añelo	0.87 AR Tunuyán	0.86 AR Santa María - Cba
AR	Coronel Felipe Varela	0.96 AR Vinchina	0.95 AR Famatina	0.95 AR Cruz del Eje
AR	Coronel Suarez	0.93 NZ Nelson	0.91 NZ Marlborough	0.91 AU Pemberton
AR	Cruz del Eje	0.99 AR Sanagasta	0.96 AR Belén	0.95 AR San Blas De Los Sauces
AR	Cushamen	0.80 JP Nagano	0.79 US Humboldt	0.75 AR Colón - Cba
AR	El Cuy	0.97 AR Picunches	0.87 AR Puelen	0.81 AR San Javier
AR	Famatina	0.96 AR Belén	0.95 AR Coronel Felipe Varela	0.93 AR General Lamadrid
AR	General Alvear	0.95 AR San Martín - Mza	0.91 AR Santa Rosa - Mza	0.87 AR Junín - Mza
AR	General Lamadrid	0.93 AR Famatina	0.93 AR Chilecito	0.92 AR Coronel Felipe Varela
AR	General Roca	0.79 AR El Cuy	0.77 AR Confluencia	0.77 AR Avellaneda - Río Negro
AR	Godoy Cruz	0.97 FR Lot	0.92 AR San Carlos - Mza	0.92 AR Molinos
AR	Guaymallén	0.90 AR Maipú	0.84 AR San Rafael	0.82 AR Las Heras
AR	Iglesia	0.92 AR Angaco	0.92 AR Valle Fértil	0.85 AR Santa Lucía
AR	Ischilin	0.75 AR Colón - Cba	0.74 AR Totoral	0.74 US Marin
	Jachal	Veinticinco de Mayo - San	Caucete	Sarmiento - San Juan
AR		0.88 AR Juan	0.87 AR	0.87 AR
AR	Junín - Mza	0.98 AR Rivadavia - Mza	0.94 AR San Martín - Mza	0.90 AR Santa Rosa - Mza
AR	Junín - San Luis	0.60 US Ventura	0.59 AU Heathcote	0.58 AU Central Victoria - other
AR	La Paz	0.91 AR Santa Rosa - Mza	0.89 AR Lavalle	0.89 AR Las Heras
AR	La Rioja	0.93 AR Albardón	0.88 AR Chimbas	0.85 AR Rivadavia - San Juan
AR	La Viña	0.91 AR Tafí del Valle	0.91 AR Cafayate	0.89 AR Santa María - Catamarca
AR	Las Heras	0.93 AR Lavalle	0.89 AR Santa Rosa - Mza	0.89 AR La Paz
AR	Lavalle	0.95 AR Santa Rosa - Mza	0.93 AR Las Heras	0.89 AR La Paz
	Leandro Alem	Veinticinco de Mayo -	Rheingau	Mittelrhein
AR		0.78 DE Misiones	0.77 DE	0.77 DE
AR	Luján de Cuyo	0.98 AR Molinos	0.97 AR San Carlos - Mza	0.97 AR Tunuyán
AR	Maipú	0.95 AR Luján de Cuyo	0.94 AR Tunuyán	0.91 AR San Carlos - Mza
AR	Malargüe	0.99 AR Totoral	0.99 CH Graubünden	0.99 US Marin
AR	Molinos	0.98 AR Luján de Cuyo	0.98 AR Cachi	0.97 AR San Carlos - Mza
AR	Nogoya	1.00 CH Ticino	0.98 CN Other regions	0.92 FR Gironde
AR	Nueve de Julio	0.97 AR Pocito	0.97 AR Sarmiento - San Juan	0.96 AR Caucete
AR	Pichi Mahuida	0.84 AR Conesa	0.73 AR Las Heras	0.71 AR Avellaneda - Río Negro
AR	Picunches	0.97 AR El Cuy	0.85 AR Nogoya	0.85 CH Ticino
AR	Pocito	0.98 AR Rawson	0.98 AR Tinogasta	0.98 AR Santa Lucía
AR	Poman	0.82 ES Malaga	0.81 AR Zonda	0.80 CL Atacama
AR	Puelen	0.91 AR Adolfo Alsina	0.90 AR Añelo	0.87 AR El Cuy
AR	Rawson	0.98 AR Santa Lucía	0.98 AR Pocito	0.97 AR Tinogasta
AR	Rivadavia - Mza	0.98 AR Junín - Mza	0.94 AR San Martín - Mza	0.92 AR Santa Rosa - Mza
AR	Rivadavia - San Juan	0.90 AR Ullum	0.89 AR Zonda	0.86 AR Albardón
AR	San Blas De Los Sauces	0.95 AR Cruz del Eje	0.95 AR San Carlos - Salta	0.95 AR Sanagasta
AR	San Carlos - Mza	0.97 AR Luján de Cuyo	0.97 AR Molinos	0.96 AR Tunuyán
AR	San Carlos - Salta	0.95 AR San Blas De Los Sauces	0.95 AR Belén	0.95 AR Sanagasta

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

AR San Javier	0.86 AR Tilcara	0.84 FR Lot	0.82 AR Luján de Cuyo
AR San Martín - Mza	0.96 AR Santa Rosa - Mza	0.95 AR General Alvear	0.94 AR Rivadavia - Mza
AR San Martín - San Juan	0.98 AR Caucete	0.96 AR Veinticinco de Mayo - San	0.96 AR Angaco
AR San Rafael	0.90 AR Santa Rosa - Mza	0.90 AR Rivadavia - Mza	0.89 AR Junín - Mza
AR Sanagasta	0.99 AR Cruz del Eje	0.95 AR Belén	0.95 AR San Carlos - Salta
AR Santa Lucía	0.98 AR Rawson	0.98 AR Tinogasta	0.98 AR Pocito
AR Santa María - Catamarca	0.94 AR Tafi del Valle	0.91 AR Cafayate	0.89 AR La Viña
AR Santa María - Cba	0.92 AR Tunuyán	0.90 AR Luján de Cuyo	0.89 AR Castro Barros
AR Santa Rosa - Mza	0.96 AR San Martín - Mza	0.95 AR Lavalle	0.92 AR Rivadavia - Mza
Sarmiento - San Juan	Nueve de Julio	Veinticinco de Mayo - San	Caucete
AR	0.97 AR	0.97 AR Juan	0.93 AR
AR Tafi del Valle	0.97 AR Cafayate	0.94 AR Santa María - Catamarca	0.91 AR La Viña
AR Tandil	0.86 AR Calingasta	0.85 AR Victoria	0.81 AR Villarino
AR Tilcara	0.93 AR Cachi	0.91 AR Molinos	0.91 FR Lot
AR Tinogasta	0.98 AR Santa Lucía	0.98 AR Arauco	0.98 AR Pocito
AR Tornquist	0.73 FR Indre-et-Loire	0.73 FR Deux-Sèvres	0.72 FR Maine-et-Loire
AR Totoral	0.99 AR Malargüe	0.99 CH Graubünden	0.99 US Marin
AR Tulumba	0.81 FR Hautes-Pyrénées	0.65 UY Uruguay	0.57 AR Leandro Alem
AR Tumbaya	0.98 AR Chos Malal	0.94 AR Calingasta	0.90 CN Sichuan
AR Tunuyán	0.97 AR Luján de Cuyo	0.96 AR San Carlos - Mza	0.95 AR Añelo
AR Tupungato	0.94 AR Tunuyán	0.91 AR Añelo	0.90 AR Maipú
Ullum	Rivadavia - San Juan	Veinticinco de Mayo - San	Zonda
AR	0.90 AR	0.87 AR Juan	0.85 AR
AR Valle Fértil	0.95 AR Angaco	0.92 AR Iglesia	0.91 AR Arauco
Veinticinco de Mayo -	Rheingau	Mittelrhein	Mosel
AR Misiones	0.99 DE	0.98 DE	0.96 DE
Veinticinco de Mayo - San	Sarmiento - San Juan	San Martín - San Juan	Nueve de Julio
AR Juan	0.97 AR	0.96 AR	0.96 AR
AR Victoria	0.94 AR Villarino	0.85 AR Tandil	0.83 AR Colón - Entre Ríos
AR Villarino	0.94 AR Victoria	0.81 AR Tandil	0.81 AR Colón - Entre Ríos
AR Vinchina	0.96 AR Coronel Felipe Varela	0.91 AR Sanagasta	0.91 AR Cruz del Eje
AR Zonda	0.89 AR Rivadavia - San Juan	0.85 AR Ullum	0.84 ES Malaga
AM Armenia	0.93 KZ Zhambyl	0.81 HU Zala	0.81 RO Nord-Vest
AU Adelaide Hills	0.96 AU Strathbogie Ranges	0.92 AU Pemberton	0.92 CL Valparaiso
Adelaide Plains	Goulburn Valley	Southern Fleurieu	Western Australia Southeast
AU	0.98 AU	0.97 AU	0.97 AU Coast
AU Alpine Valleys	0.93 AU King Valley	0.90 AU Strathbogie Ranges	0.89 AU Central Ranges - other
AU Australian Capital Territory	0.76 US Colorado	0.75 US Rattlesnake Hills	0.74 US Michigan
AU Barossa - other	1.00 AU Southern Flinders Ranges	0.99 AU Grampians	0.99 US Ventura
AU Barossa Valley	0.99 AU Mount Lofty Ranges - other	0.99 AU McLaren Vale	0.99 AU Bendigo
AU Beechworth	0.97 AU Orange	0.96 AU Mudgee	0.96 AU Northern Slopes - other
AU Bendigo	0.99 AU McLaren Vale	0.99 AU Mount Lofty Ranges - other	0.99 AU Barossa Valley
AU Big Rivers - other	0.97 AU Murray Darling (NSW)	0.92 AU Murray Darling (VIC)	0.91 AU Cowra
AU Blackwood Valley	0.97 AU Geographe	0.97 AU Margaret River	0.97 AU Great Southern
AU Canberra District (ACT)	0.89 AU Eden Valley	0.89 AU Canberra District (NSW)	0.89 AU Goulburn Valley
AU Canberra District (NSW)	0.97 AU The Peninsulas	0.95 AU Currency Creek	0.95 AU Glenrowan
AU Central Ranges - other	0.93 AU Murray Darling (VIC)	0.93 AU Murray Darling (NSW)	0.92 AU Beechworth
AU Central Victoria - other	0.99 AU Grampians	0.99 AU Heathcote	0.99 AU Bendigo
AU Central Western Australia	0.96 AU McLaren Vale	0.95 AU Bendigo	0.95 AU Mount Lofty Ranges - other
AU Clare Valley	0.95 AU Canberra District (NSW)	0.94 AU Eden Valley	0.91 AU The Peninsulas
AU Coonawarra	0.98 AU Wrattonbully	0.97 US Red Mountain	0.97 CL Metropolitana
AU Cowra	0.98 AU Hunter Valley - other	0.95 US Tehama	0.93 AU Murray Darling (VIC)
AU Currency Creek	0.99 AU Kangaroo Island	0.98 AU Langhorne Creek	0.98 AU The Peninsulas
Eastern Plains, Inland and	Swan District	Perth Hills	Queensland - other
AU North WA	0.84 AU	0.75 AU	0.65 AU
AU Eden Valley	0.94 AU Clare Valley	0.89 AU Canberra District (ACT)	0.85 AU Canberra District (NSW)
AU Far North - other	0.98 AU Kangaroo Island	0.97 AU Glenrowan	0.96 AU Fleurieu - other
AU Fleurieu - other	0.98 AU Langhorne Creek	0.98 AU Hilltops	0.98 AU Kangaroo Island
AU Geelong	0.97 AU Macedon Ranges	0.95 AU Port Phillip - other	0.94 AU Gippsland
AU Geographe	0.98 AU Margaret River	0.97 AU Blackwood Valley	0.97 AU Great Southern
AU Gippsland	0.99 AU Macedon Ranges	0.99 AU Port Phillip - other	0.98 AU Yarra Valley
AU Glenrowan	0.97 AU The Peninsulas	0.97 AU Currency Creek	0.97 AU Far North - other
AU Goulburn Valley	0.98 AU Adelaide Plains	0.98 AU Orange	0.97 AU Southern Fleurieu
AU Grampians	0.99 AU Heathcote	0.99 AU Barossa - other	0.99 AU Central Victoria - other
AU Granite Belt	0.94 AU Northern Slopes - other	0.94 AU Beechworth	0.94 AU Swan Hill (NSW)
AU Great Southern	0.97 AU Blackwood Valley	0.97 AU Geographe	0.95 AU Margaret River
AU Greater Perth - other	0.92 AU Barossa Valley	0.92 AU Mount Lofty Ranges - other	0.92 AU Barossa - other

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

AU	Gundagai	0.98 AU	McLaren Vale	0.97 AU	Bendigo	0.97 AU	Southern Fleurieu
AU	Hastings River	0.89 AU	Shoalhaven Coast	0.81 AU	Northern Rivers - other	0.72 NZ	Auckland
AU	Heathcote	0.99 AU	Grampians	0.99 AU	Central Victoria - other	0.98 AU	Barossa - other
AU	Henty	0.97 AU	Tasmania	0.96 AU	Mornington Peninsula	0.95 NZ	Canterbury
AU	Hilltops	0.99 AU	Langhorne Creek	0.98 AU	Fleurieu - other	0.97 AU	Currency Creek
AU	Hunter	0.96 AU	Riverina	0.94 AU	South Coast - other	0.91 AU	Western Plains - other
AU	Hunter Valley - other	0.98 AU	Cowra	0.97 US	Tehama	0.94 FR	Yonne
AU	Kangaroo Island	0.99 AU	Currency Creek	0.98 AU	Far North - other	0.98 AU	Fleurieu - other
AU	King Valley	0.93 AU	Alpine Valleys	0.89 AU	Strathbogie Ranges	0.87 CA	British Columbia
AU	Langhorne Creek	0.99 AU	Hilltops	0.98 AU	Fleurieu - other	0.98 AU	Currency Creek
AU	Limestone Coast - other	0.97 AU	Wrattanbully	0.96 AU	Coonawarra	0.94 AU	Hilltops
AU	Lower Murray - other	0.98 AU	Perricoota	0.98 AU	Riverland	0.96 AU	Gundagai
AU	Macedon Ranges	0.99 AU	Gippsland	0.99 AU	Port Phillip - other	0.98 US	Santa Cruz
	Manjimup		Sacramento		South West Australia - other		Margaret River
AU		0.88 US		0.88 AU		0.87 AU	
AU	Margaret River	0.98 AU	Geographe	0.97 AU	Blackwood Valley	0.95 AU	Great Southern
AU	McLaren Vale	0.99 AU	Mount Lofty Ranges - other	0.99 AU	Barossa Valley	0.99 AU	Bendigo
AU	Mornington Peninsula	0.97 US	Santa Cruz	0.96 AU	Tasmania	0.96 AU	Henty
AU	Mount Benson	0.97 AU	Geographe	0.96 AU	Orange	0.96 AU	Blackwood Valley
AU	Mount Lofty Ranges - other	0.99 AU	Barossa Valley	0.99 AU	McLaren Vale	0.99 AU	Bendigo
AU	Mudgee	0.98 AU	Padthaway	0.98 AU	Orange	0.98 AU	Langhorne Creek
AU	Murray Darling (NSW)	0.97 AU	Murray Darling (VIC)	0.97 AU	Big Rivers - other	0.95 AU	Swan Hill (VIC)
AU	Murray Darling (VIC)	0.97 AU	Murray Darling (NSW)	0.95 AU	Riverland	0.95 AU	Swan Hill (VIC)
AU	New England Australia	0.79 AU	Hunter	0.74 AU	Riverina	0.72 AU	Cowra
AU	North East Victoria - other	0.96 US	Horse Heaven Hills	0.94 US	Wahlkuhle Slope	0.93 US	San Luis Obispo
AU	North West Victoria - other	0.93 AU	Swan Hill (NSW)	0.93 AU	Riverland	0.92 AU	Mudgee
AU	Northern Rivers - other	0.87 NZ	Gisborne	0.87 AU	Hunter Valley - other	0.87 FR	Doubs
AU	Northern Slopes - other	0.97 AU	Mudgee	0.96 AU	Orange	0.96 AU	Padthaway
AU	Orange	0.98 AU	Padthaway	0.98 AU	Goulburn Valley	0.98 AU	Mudgee
AU	Padthaway	0.98 AU	Mudgee	0.98 AU	Orange	0.98 AU	Langhorne Creek
AU	Peel	0.96 AU	Hilltops	0.95 AU	Padthaway	0.95 AU	Langhorne Creek
AU	Pemberton	0.96 CL	Valparaiso	0.92 AU	Adelaide Hills	0.91 AR	Coronel Suarez
AU	Perricoota	0.98 AU	Riverland	0.98 AU	Lower Murray - other	0.96 AU	Padthaway
AU	Perth Hills	0.95 AU	Swan District	0.87 AU	Western Plains - other	0.86 AU	South Coast - other
AU	Port Phillip - other	0.99 AU	Macedon Ranges	0.99 AU	Gippsland	0.96 US	Santa Cruz
AU	Pyrenees	0.96 AU	Bendigo	0.95 AU	McLaren Vale	0.95 AU	Mount Lofty Ranges - other
AU	Queensland - other	0.95 AU	South Burnett	0.94 AU	Swan Hill (NSW)	0.94 AU	Southern Fleurieu
AU	Riverina	0.96 AU	Hunter	0.94 AU	South Coast - other	0.94 AU	Swan Hill (VIC)
AU	Riverland	0.98 AU	Perricoota	0.98 AU	Lower Murray - other	0.96 AU	Swan Hill (VIC)
AU	Robe	0.97 AU	Padthaway	0.96 AU	Perricoota	0.96 AU	Riverland
AU	Rutherford	0.95 AU	Mount Lofty Ranges - other	0.95 AU	Grampians	0.95 AU	Bendigo
AU	Shoalhaven Coast	0.89 AU	Hastings River	0.81 AU	South Coast - other	0.77 AU	Northern Rivers - other
AU	South Burnett	0.97 AU	Mudgee	0.96 AU	Southern Fleurieu	0.95 AU	Queensland - other
AU	South Coast - other	0.94 AU	Hunter	0.94 AU	Riverina	0.91 AU	Swan Hill (VIC)
	South West Australia - other		Blackwood Valley		Margaret River		Pemberton
AU		0.92 AU		0.92 AU		0.91 AU	
AU	Southern Fleurieu	0.97 AU	Adelaide Plains	0.97 AU	Gundagai	0.97 AU	McLaren Vale
AU	Southern Flinders Ranges	1.00 AU	Barossa - other	0.99 US	Ventura	0.99 AU	Grampians
AU	Southern Highlands	0.90 AU	Strathbogie Ranges	0.89 AU	Adelaide Hills	0.88 AU	Upper Goulburn
AU	Southern NSW - other	0.86 AU	Adelaide Plains	0.83 AU	Goulburn Valley	0.82 AU	Southern Fleurieu
AU	Strathbogie Ranges	0.97 AU	Upper Goulburn	0.96 AU	Adelaide Hills	0.90 AU	Alpine Valleys
	Sunbury		Adelaide Plains		Southern Fleurieu		Western Australia Southeast
AU		0.94 AU		0.93 AU		0.92 AU	Coast
	Swan District		Perth Hills		Eastern Plains, Inland and		Queensland - other
AU		0.95 AU		0.84 AU	North WA	0.82 AU	
AU	Swan Hill (NSW)	0.96 AU	Southern Fleurieu	0.95 AU	Mudgee	0.95 AU	South Burnett
AU	Swan Hill (VIC)	0.96 AU	Riverland	0.95 AU	Murray Darling (NSW)	0.95 AU	Murray Darling (VIC)
AU	Tasmania	0.98 NZ	Canterbury	0.97 AU	Henty	0.96 AU	Mornington Peninsula
AU	The Peninsulas	0.98 AU	Currency Creek	0.98 AU	Langhorne Creek	0.97 AU	Glenrowan
AU	Tumbarumba	0.95 US	Santa Barbara	0.94 AU	Macedon Ranges	0.94 AU	Gippsland
AU	Upper Goulburn	0.97 AU	Yarra Valley	0.97 AU	Strathbogie Ranges	0.93 AU	Gippsland
	Western Australia Southeast		Adelaide Plains		Goulburn Valley		Western Plains - other
AU	Coast	0.97 AU		0.96 AU		0.96 AU	
	Western Plains - other		Western Australia Southeast		Lower Murray - other		Gundagai
AU		0.96 AU		0.95 AU		0.95 AU	
AU	Western Victoria - other	0.94 AU	Canberra District (NSW)	0.93 AU	Langhorne Creek	0.93 AU	Hilltops
AU	Wrattanbully	0.98 AU	Coonawarra	0.97 AU	Limestone Coast - other	0.95 AU	Hilltops

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

AU	Yarra Valley	0.98	AU	Gippsland	0.97	AU	Upper Goulburn	0.96	AU	Macedon Ranges
AT	Burgenland	0.81	HU	Tolna	0.76	HU	Sopron	0.74	HU	Csongrad
AT	Niederosterreich	0.88	AT	Wien and other regions	0.77	SK	Malokarpatska	0.75	SK	Nitrianska
AT	Steiermark	0.74	SI	Stajerska Slovenija	0.72	SI	Prekmurje	0.67	HU	Pannonhalma
AT	Wien and other regions	0.88	AT	Niederosterreich	0.76	SK	Malokarpatska	0.74	SK	Nitrianska
BR	Brazil	0.37	MD	Moldova	0.35	FR	Deux-Sevres	0.35	AR	Tornquist
BG	North Central	0.90	BG	Northwest	0.77	US	Columbia River	0.77	MX	Baja California
BG	Northeast	0.73	BG	North Central	0.70	BG	Northwest	0.69	BG	Southeast
BG	Northwest	0.90	BG	North Central	0.76	FR	Ariege	0.75	RO	Sud-Vest Oltenia
BG	South Central	0.88	BG	Southeast	0.86	IT	Bergamo	0.84	FR	Gironde
BG	Southeast	0.88	BG	South Central	0.76	BG	North Central	0.74	BG	Northwest
BG	Southwest	0.40	BG	South Central	0.38	BG	Northwest	0.36	BG	Southeast
CA	British Colombia	0.87	AU	King Valley	0.85	AU	Alpine Valleys	0.82	US	Colorado
CA	Ontario	0.63	US	Michigan	0.63	US	Virginia	0.61	US	Yakima Valley
CL	Araucania	0.97	CL	De Los Lagos	0.90	AU	Tasmania	0.89	CL	Valparaiso
CL	Atacama	0.84	AR	Zonda	0.80	AR	Poman	0.77	ES	Malaga
CL	Coquimbo	0.92	AU	Swan Hill (VIC)	0.92	AU	Robe	0.92	AU	Riverland
CL	De Los Lagos	0.97	CL	Araucania	0.93	CL	Valparaiso	0.90	NZ	Nelson
CL	Del Bio Bio	0.77	CL	Atacama	0.77	AR	Zonda	0.76	ES	Malaga
CL	Del Maule	0.95	CL	Metropolitana	0.95	CL	O'Higgins	0.94	US	Napa
CL	Metropolitana	0.98	CL	O'Higgins	0.97	CN	Gansu	0.97	CN	Ningxia
CL	O'Higgins	0.98	CL	Metropolitana	0.95	CL	Del Maule	0.94	CN	Gansu
CL	Valparaiso	0.96	AU	Pemberton	0.93	CL	De Los Lagos	0.92	AU	Adelaide Hills
CN	Beijing	1.00	CN	Tianjin	1.00	CN	Sichuan	1.00	CN	Shandong
CN	Gansu	0.99	CN	Xinjiang	0.97	CL	Metropolitana	0.97	CN	Ningxia
CN	Ningxia	0.98	CN	Beijing	0.98	CN	Shandong	0.98	CN	Sichuan
CN	Other regions	0.98	AR	Nogoya	0.98	CH	Ticino	0.96	FR	Gironde
CN	Sichuan	1.00	CN	Tianjin	1.00	CN	Beijing	1.00	CN	Shandong
CN	ShanXi	0.91	US	Napa	0.90	CN	Gansu	0.89	US	Horse Heaven Hills
CN	Beijing	1.00	CN	Shandong	1.00	CN	Tianjin	1.00	CN	Sichuan
CN	Tianjin	1.00	CN	Sichuan	1.00	CN	Beijing	1.00	CN	Shandong
CN	Xinjiang	0.99	CN	Gansu	0.95	CL	Metropolitana	0.95	CN	Ningxia
CN	Yantai	1.00	CN	Beijing	1.00	CN	Sichuan	1.00	CN	Tianjin
HR	Dalmatinska Zagora	0.26	HR	Sjeverna Dalmacija	0.20	IT	Lecco	0.19	CH	Ticino
HR	Hrvatsko Primorje	0.12	US	Alameda	0.12	US	Horse Heaven Hills	0.12	US	Santa Clara
HR	Istra	0.64	SI	Slovenska Istra	0.60	IT	Trieste	0.45	SI	Vipavsko dolina
HR	Moslavina	0.95	HR	Pokuplje	0.72	HR	Slavonija	0.72	HR	Podunavlje
HR	Other regions	0.98	RO	Bucuresti - Ilfov	0.92	RO	Sud - Muntenia	0.92	RO	Nord-Vest
HR	Plesivica	0.91	HR	Zagorje-Medimurje	0.89	HR	Prigorje - Bilogora	0.84	SI	Prekmurje
HR	Podunavlje	0.99	HR	Slavonija	0.96	HU	Balatonfured-Csopak	0.96	HU	Balatonfelvidek
HR	Pokuplje	0.95	HR	Moslavina	0.69	HR	Podunavlje	0.69	HR	Slavonija
HR	Prigorje - Bilogora	0.89	HR	Plesivica	0.82	HR	Slavonija	0.82	HR	Podunavlje
	Sjeverna Dalmacija			San Diego			Ardeche			Anatoliki Makedonia, Thraki
HR		0.36	US		0.36	FR		0.34	EL	
HR	Slavonija	0.99	HR	Podunavlje	0.97	HU	Balatonfured-Csopak	0.97	HU	Balatonfelvidek
HR	Srednja Juzna Dalmacija	0.27	HR	Sjeverna Dalmacija	0.16	HR	Dalmatinska Zagora	0.10	FR	Ariege
HR	Zagorje-Medimurje	0.91	HR	Plesivica	0.85	SI	Prekmurje	0.84	SI	Stajerska Slovenija
CY	Cyprus	0.14	FR	Aude	0.13	FR	Heraut	0.13	IL	Israel
CZ	Cechy	0.82	CZ	Morava	0.76	DE	Sachsen	0.74	DE	Saale
CZ	Morava	0.86	SK	Stredné Slovensko	0.85	SK	Malokarpatska	0.84	SK	Nitrianska
ET	Ethiopia	0.84	IT	Siena	0.84	IT	Firenze	0.84	IT	Arezzo
FR	Ain	0.91	FR	Allier	0.86	FR	Puy-de-Dome	0.81	FR	Rhone
FR	Aisne	0.83	FR	Seine-et-Marne	0.80	FR	Marne	0.56	FR	Loiret
FR	Allier	0.95	FR	Puy-de-Dome	0.91	FR	Ain	0.89	FR	Rhone
	Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-			Gard			Ardeche			Drome
FR	Maritimes	0.92	FR		0.90	FR		0.88	FR	
FR	Alpes-Maritimes	0.71	US	North Carolina	0.71	US	Georgia	0.71	US	Arizona
	Ardeche			Gard			Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-			Herault
FR		0.93	FR		0.90	FR	Maritimes	0.84	FR	
FR	Ariege	0.89	FR	Correze	0.86	NZ	Other regions	0.86	US	Orange
FR	Aube	1.00	US	Marin	0.99	FR	Haute-Marne	0.99	US	Yamhill Co.
FR	Aude	0.97	FR	Heraut	0.83	FR	Gard	0.78	FR	Ardeche
FR	Aveyron	0.45	FR	Tarn	0.44	FR	Cantal	0.33	FR	Ariege
FR	Bas-Rhin	0.95	FR	Haut-Rhin	0.65	DE	Nahe	0.64	DE	Hessische Bergstraße

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

FR	Bouches-du-Rhone	0.94 FR	Gard	0.94 FR	Var	0.93 FR	Vaucluse
FR	Cantal	0.85 FR	Correze	0.83 FR	Haute-Saone	0.80 US	Arkansas
FR	Charente	1.00 FR	Charente-Maritime	0.63 IT	Terni	0.59 IT	Foggia
FR	Charente-Maritime	1.00 FR	Charente	0.64 IT	Terni	0.59 IT	Foggia
FR	Cher	0.98 NZ	Marlborough	0.97 FR	Nievre	0.91 NZ	Waipara
FR	Correze	0.98 NZ	Other regions	0.97 US	North Carolina	0.97 US	Arkansas
FR	Corse	0.67 FR	Haute-Corse	0.44 IT	Olbia-Tempio	0.43 IT	Sassari
FR	Cote-d'Or	0.99 FR	Haute-Marne	0.98 FR	Aube	0.97 US	Marin
FR	Deux-Sevres	0.91 FR	Maine-et-Loire	0.90 FR	Indre-et-Loire	0.79 FR	Vienna
FR	Dordogne	0.83 FR	Lot-et-Garonne	0.82 FR	Gironde	0.72 CN	Other regions
FR	Doubs	0.91 NZ	Gisborne	0.87 AU	Northern Rivers - other	0.86 FR	Haute-Saone
FR	Drome	0.97 FR	Vaucluse	0.92 FR	Gard	0.91 FR	Bouches-du-Rhone
FR	Eure-et-Loire	0.92 FR	Yonne	0.91 US	Tehama	0.88 AU	Hunter Valley - other
	Gard		Bouches-du-Rhone		Ardeche		Alpes-de-Haute-Provence, Hautes-Alpes, Alpes-
FR		0.94 FR		0.93 FR		0.92 FR	Maritimes
FR	Gers	0.86 FR	Landes	0.70 ZA	Northern Cape	0.65 ZA	Little Karoo
FR	Gironde	0.96 CN	Other regions	0.95 FR	Lot-et-Garonne	0.92 CH	Ticino
FR	Haute-Corse	0.77 IT	Grosseto	0.74 IT	Lucca	0.74 IT	Siena
FR	Haute-Garonne	0.42 FR	Tarn-et-Garonne	0.36 AU	Pyrenees	0.33 FR	Deux-Sevres
FR	Haute-Loire	0.97 US	Orange	0.95 NZ	Other regions	0.92 FR	Correze
FR	Haute-Marne	0.99 FR	Aube	0.99 FR	Cote-d'Or	0.98 US	Marin
FR	Hauts-Alpes	0.84 FR	Correze	0.83 NZ	Other regions	0.82 FR	Ariège
FR	Haute-Saone	0.86 FR	Doubs	0.83 FR	Cantal	0.80 US	Puget Sound
FR	Haute-Savoie	0.95 CH	Vaud	0.85 FR	Tarn-et-Garonne	0.84 CH	Fribourg
FR	Hauts-Pyrenees	0.81 AR	Tulumba	0.69 UY	Uruguay	0.65 FR	Pyrenees-Atlantiques
FR	Haut-Rhin	0.95 FR	Bas-Rhin	0.64 US	Lake Chelan	0.62 US	Columbia Gorge
FR	Herault	0.97 FR	Aude	0.87 FR	Gard	0.84 FR	Ardeche
FR	Indre	0.77 FR	Loiret	0.74 FR	Cantal	0.73 FR	Loir-et-Cher
FR	Indre-et-Loire	0.98 FR	Maine-et-Loire	0.90 FR	Deux-Sevres	0.73 AR	Tornquist
	Isere		Savoie		Western Plains - other		Western Australia Southeast
FR		0.88 FR		0.42 AU		0.41 AU	Coast
FR	Jura	0.84 FR	Yonne	0.81 FR	Saone-et-Loire	0.81 US	Tehama
FR	Landes	0.86 FR	Gers	0.51 FR	Charente-Maritime	0.50 FR	Charente
FR	Loire	0.88 FR	Rhone	0.85 FR	Puy-de-Dome	0.79 FR	Allier
FR	Loire-Atlantique	0.20 FR	Vendee	0.13 FR	Maine-et-Loire	0.08 FR	Ain
FR	Loiret	0.77 FR	Indre	0.70 FR	Vienne	0.67 FR	Loir-et-Cher
FR	Loir-et-Cher	0.87 FR	Nievre	0.86 NZ	Marlborough	0.86 FR	Cher
FR	Lot	0.97 AR	Godoy Cruz	0.92 AR	Cachi	0.92 AR	San Carlos - Mza
FR	Lot-et-Garonne	0.95 FR	Gironde	0.87 CN	Other regions	0.83 CH	Ticino
FR	Lozere	0.93 AU	Geelong	0.92 AU	Tumbarumba	0.90 AU	Macedon Ranges
FR	Maine-et-Loire	0.98 FR	Indre-et-Loire	0.91 FR	Deux-Sevres	0.72 AR	Tornquist
FR	Marne	0.97 FR	Seine-et-Marne	0.80 FR	Aisne	0.74 US	Santa Barbara
FR	Mayenne	0.92 FR	Yonne	0.91 US	Santa Barbara	0.89 FR	Saone-et-Loire
FR	Meurthe-et-Moselle	0.82 FR	Allier	0.80 FR	Puy-de-Dome	0.74 FR	Rhone
FR	Meuse	0.80 FR	Haute-Marne	0.78 AU	Mornington Peninsula	0.78 US	Santa Cruz
FR	Moselle	0.86 US	Puget Sound	0.82 US	Douglas Co.	0.80 US	Willamette Valley - other
FR	Nievre	0.99 NZ	Marlborough	0.97 FR	Cher	0.88 AR	Coronel Suarez
FR	Puy-de-Dome	0.96 FR	Rhone	0.95 FR	Allier	0.86 FR	Ain
FR	Pyrenees-Atlantiques	0.65 FR	Hauts-Pyrenees	0.51 AR	Tulumba	0.42 UY	Uruguay
FR	Pyrenees-Orientales	0.86 FR	Drome	0.83 FR	Gard	0.81 FR	Vaucluse
FR	Rhone	0.96 FR	Puy-de-Dome	0.89 FR	Allier	0.88 FR	Loire
FR	Saone-et-Loire	0.92 FR	Yonne	0.92 US	Santa Barbara	0.89 US	San Benito
FR	Sarthe	0.59 ZA	Worcester	0.58 ZA	Breedekloof	0.58 ZA	Olifants River
FR	Savoie	0.88 FR	Isere	0.44 FR	Ain	0.35 FR	Allier
FR	Seine-et-Marne	0.97 FR	Marne	0.83 FR	Aisne	0.70 FR	Yonne
FR	Tarn	0.49 AU	Central Western Australia	0.47 AU	Goulburn Valley	0.47 AU	Adelaide Plains
FR	Tarn-et-Garonne	0.87 CH	Vaud	0.85 FR	Haute-Savoie	0.76 CH	Fribourg
FR	Var	0.94 FR	Bouches-du-Rhone	0.87 FR	Gard	0.85 FR	Vaucluse
FR	Vaucluse	0.97 FR	Drome	0.93 FR	Bouches-du-Rhone	0.93 IT	Ogliastra
FR	Vendee	0.70 FR	Vienne	0.67 FR	Cantal	0.63 FR	Indre
FR	Vienne	0.79 FR	Deux-Sevres	0.70 FR	Vendee	0.70 FR	Loiret
FR	Vosges	0.40 FR	Meurthe-et-Moselle	0.21 FR	Meuse	0.06 US	Iowa
FR	Yonne	0.97 US	Tehama	0.94 AU	Hunter Valley - other	0.93 US	Yolo
GE	Georgia	0.93 KZ	Almaty	0.77 KZ	South Kazakhstan	0.63 UA	Ukraine
DE	Ahr	0.98 AR	Malgargüe	0.97 CH	Graubünden	0.97 NZ	Otago

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

DE	Baden	0.93 CH	Other regions	0.93 CH	Zürich	0.93 CH	Thurgau
DE	Franken	0.78 DE	Saale	0.75 DE	Rheinhessen	0.60 DE	Sachsen
DE	Hessische Bergstraße	0.98 DE	Mittelrhein	0.97 DE	Rheingau	0.96 DE	Mosel
	Mittelrhein		Rheingau		Veinticinco de Mayo -		Mosel
DE		0.99 DE		0.98 AR	Misiones	0.98 DE	
DE	Mosel	0.98 DE	Mittelrhein	0.97 DE	Rheingau	0.96 DE	Hessische Bergstraße
DE	Nahe	0.96 DE	Pfalz	0.91 DE	Rheinhessen	0.88 DE	Mosel
DE	Pfalz	0.96 DE	Nahe	0.91 DE	Rheinhessen	0.83 DE	Hessische Bergstraße
	Rheingau		Mittelrhein		Veinticinco de Mayo -		Hessische Bergstraße
DE		0.99 DE		0.99 AR	Misiones	0.97 DE	
DE	Rheinhessen	0.91 DE	Nahe	0.91 DE	Pfalz	0.87 DE	Saale
DE	Saale	0.87 DE	Rheinhessen	0.86 DE	Sachsen	0.78 DE	Franken
DE	Sachsen	0.86 DE	Saale	0.83 DE	Nahe	0.80 DE	Rheinhessen
DE	Württemberg	0.56 DE	Hessische Bergstraße	0.54 DE	Mittelrhein	0.54 DE	Rheingau
	Anatoliki Makedonia, Thraki		Lecco		Bergamo		Snipes Mountain
EL		0.87 IT		0.84 IT		0.81 US	
EL	Attiki	0.99 EL	Sterea Ellada	0.13 EL	Peloponnisos	0.06 EL	Ionia Nisia
EL	Dytiki Ellada	0.44 EL	Peloponnisos	0.42 EL	Thessalia	0.35 EL	Kentriki Makedonia
EL	Dytiki Makedonia	0.62 EL	Kentriki Makedonia	0.44 EL	Thessalia	0.33 US	Orange
EL	Ionia Nisia	0.88 US	Arizona	0.88 US	Georgia	0.88 US	Arkansas
EL	Ipeiros	0.75 NZ	Other regions	0.74 FR	Correze	0.73 US	North Carolina
	Kentriki Makedonia		Bergamo		Anatoliki Makedonia, Thraki		Lecco
EL		0.69 IT		0.67 EL		0.63 IT	
EL	Kriti	0.35 HR	Other regions	0.34 RO	Bucuresti - Ilfov	0.33 RO	Sud - Muntenia
EL	Notio Aigaio	0.45 HR	Other regions	0.45 RO	Sud-Vest Oltenia	0.45 RO	Sud - Muntenia
EL	Peloponnisos	0.44 EL	Dytiki Ellada	0.32 EL	Kentriki Makedonia	0.32 EL	Thessalia
EL	Sterea Ellada	0.99 EL	Attiki	0.18 EL	Peloponnisos	0.15 EL	Dytiki Ellada
EL	Thessalia	0.67 US	Orange	0.65 NZ	Other regions	0.65 FR	Haute-Loire
EL	Voreio Aigaio	0.60 IT	Cuneo	0.57 MX	Zacatecas	0.47 IT	Asti
HU	Badacsony	0.96 HU	Balatonfelvidek	0.95 HU	Balatonfured-Csopak	0.95 HR	Slavonija
HU	Balatonboglar	0.80 HU	Etyek-Budai	0.77 HU	Tolna	0.71 HU	Pecs
HU	Balatonfelvidek	0.97 HU	Balatonfured-Csopak	0.97 HR	Slavonija	0.96 HR	Podunavlje
HU	Balatonfured-Csopak	0.97 HR	Slavonija	0.97 HU	Balatonfelvidek	0.96 HR	Podunavlje
HU	Bukk	0.78 HU	Eger	0.70 AT	Burgenland	0.70 HU	Tolna
HU	Csongrad	0.83 HU	Sopron	0.77 HU	Hajos-bajai	0.76 HU	Szekszard
HU	Eger	0.89 HU	Szekszard	0.78 HU	Bukk	0.78 HU	Sopron
HU	Etyek-Budai	0.82 HU	Neszmely	0.80 HU	Balatonboglar	0.77 HU	Pecs
HU	Hajos-bajai	0.78 HU	Tolna	0.77 HU	Szekszard	0.77 HU	Csongrad
HU	Kunsag	0.69 HU	Csongrad	0.68 HU	Hajos-bajai	0.50 HU	Sopron
HU	Matra	0.70 HU	Neszmely	0.67 HU	Etyek-Budai	0.67 HU	Tolna
HU	Mor	0.55 HU	Neszmely	0.54 HU	Pecs	0.50 HU	Zala
HU	Nagy-Somlo	0.81 SI	Prekmurje	0.80 SI	Stajerska Slovenija	0.72 HU	Badacsony
HU	Neszmely	0.82 HU	Etyek-Budai	0.72 IT	Trento	0.70 HU	Matra
HU	Pannonhalma	0.90 HU	Balatonfured-Csopak	0.88 HU	Balatonfelvidek	0.87 HR	Slavonija
HU	Pecs	0.77 HU	Etyek-Budai	0.72 SI	Stajerska Slovenija	0.72 HU	Zala
HU	Sopron	0.86 HU	Szekszard	0.83 HU	Csongrad	0.78 HU	Eger
HU	Szekszard	0.89 HU	Eger	0.86 HU	Sopron	0.77 HU	Hajos-bajai
HU	Tokaj	0.97 SK	Tokajská	0.31 HR	Zagorje-Medimurje	0.31 HU	Nagy-Somlo
HU	Tolna	0.81 AT	Burgenland	0.78 HU	Hajos-bajai	0.77 HU	Balatonboglar
HU	Villany	0.73 HU	Szekszard	0.72 HU	Eger	0.71 CN	ShanXi
HU	Zala	0.98 RO	Nord-Vest	0.96 RO	Bucuresti - Ilfov	0.95 RO	Nord-Est
IL	Israel	0.66 TN	Tunisia	0.65 FR	Aude	0.62 IT	Bergamo
IT	Agrigento	0.88 IT	Caltanissetta	0.85 IT	Siracusa	0.85 IT	Ragusa
IT	Alessandria	0.89 IT	Asti	0.61 IT	Salerno	0.61 IT	Cuneo
IT	Ancona	0.80 IT	Macerata	0.38 IT	Chieti	0.37 IT	Fermo
IT	Arezzo	1.00 IT	Firenze	1.00 IT	Siena	0.99 IT	Grosseto
IT	Ascoli Piceno	0.98 IT	Fermo	0.94 IT	Barletta-Andria-Trani	0.90 IT	Isernia
IT	Asti	0.89 IT	Alessandria	0.66 IT	Salerno	0.64 IT	Piacenza
IT	Avellino	0.94 IT	Potenza	0.74 IT	Benevento	0.63 IT	Caserta
IT	Bari	0.80 IT	Taranto	0.74 US	Amador	0.73 US	San Bernardino
IT	Barletta-Andria-Trani	0.94 IT	Fermo	0.94 IT	Ascoli Piceno	0.89 IT	Isernia
IT	Belluno	0.87 US	Amador	0.87 US	San Bernardino	0.87 IT	Taranto
IT	Benevento	0.80 IT	Caserta	0.77 IT	Potenza	0.74 IT	Avellino
IT	Bergamo	0.87 FR	Gironde	0.86 IT	Lecco	0.86 BG	South Central
IT	Biella	0.89 IT	Novara	0.88 IT	Vercelli	0.87 IT	Verbano-Cusio-Ossola
IT	Bologna	0.85 IT	Ravenna	0.75 IT	Ferrara	0.70 IT	Forlì-Cesena

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

IT	Bolzano-Bozen	0.64 US	Columbia Gorge	0.64 IT	Trento	0.63 CA	British Colombia
IT	Brescia	0.92 FR	Yonne	0.90 US	Tehama	0.89 US	Yolo
IT	Brindisi	0.97 IT	Lecce	0.40 IT	Taranto	0.31 US	Amador
IT	Cagliari	0.83 IT	Medio Campidano	0.71 IT	Oristano	0.65 IT	Sassari
IT	Caltanissetta	0.99 IT	Siracusa	0.93 IT	Ragusa	0.88 IT	Agrigento
IT	Campobasso	0.98 IT	Pescara	0.98 IT	L'Aquila	0.97 IT	Teramo
IT	Carbonia-Iglesias	0.89 TN	Tunisia	0.70 MX	Aguascalientes	0.61 IL	Israel
IT	Caserta	0.80 IT	Benevento	0.67 IT	Potenza	0.63 IT	Napoli
IT	Catania	0.71 IT	Messina	0.44 IT	Enna	0.35 IT	Reggio di Calabria
IT	Catanzaro	0.51 IT	Cosenza	0.42 IT	Reggio di Calabria	0.40 IT	Vibo Valentia
IT	Chieti	0.93 IT	Pescara	0.93 IT	Campobasso	0.93 IT	Teramo
IT	Como	0.79 FR	Ariege	0.78 IT	Lecco	0.74 US	Orange
IT	Cosenza	0.88 IT	Crotone	0.57 IT	Reggio di Calabria	0.51 IT	Catanzaro
IT	Cremona	0.75 US	North Carolina	0.75 US	Arkansas	0.75 US	Georgia
IT	Crotone	0.88 IT	Cosenza	0.32 IT	Reggio di Calabria	0.27 IT	Catanzaro
IT	Cuneo	0.62 IT	Asti	0.61 IT	Alessandria	0.60 EL	Voreio Aigaio
IT	Enna	0.88 IT	Messina	0.87 IT	Reggio di Calabria	0.84 US	Orange
IT	Fermo	0.98 IT	Ascoli Piceno	0.94 IT	Barletta-Andria-Trani	0.89 IT	Isernia
IT	Ferrara	0.92 IT	Ravenna	0.75 IT	Bologna	0.43 IT	Forli-Cesena
IT	Firenze	1.00 IT	Arezzo	1.00 IT	Siena	0.99 IT	Grosseto
IT	Foggia	0.83 IT	Barletta-Andria-Trani	0.83 IT	Fermo	0.77 IT	Ascoli Piceno
IT	Forli-Cesena	0.95 IT	Rimini	0.89 IT	Siena	0.89 IT	Firenze
IT	Frosinone	0.71 RO	Sud - Muntenia	0.70 HR	Other regions	0.70 IT	Rieti
IT	Genova	0.77 IT	La Spezia	0.66 IT	Massa-Carrara	0.56 IT	Olbia-Tempio
IT	Gorizia	0.90 IT	Udine	0.81 IT	Pordenone	0.77 IT	Venezia
IT	Grosseto	0.99 IT	Arezzo	0.99 IT	Firenze	0.99 IT	Siena
IT	Imperia	0.81 IT	Savona	0.71 IT	Olbia-Tempio	0.65 IT	La Spezia
IT	Isernia	0.90 IT	Ascoli Piceno	0.89 IT	Fermo	0.89 IT	Barletta-Andria-Trani
IT	La Spezia	0.85 IT	Olbia-Tempio	0.83 IT	Savona	0.79 IT	Massa-Carrara
IT	L'Aquila	1.00 IT	Pescara	0.99 IT	Teramo	0.98 IT	Campobasso
IT	Latina	0.90 IT	Roma	0.84 IT	Viterbo	0.66 IT	Rieti
IT	Lecce	0.97 IT	Brindisi	0.17 IT	Como	0.16 IT	Taranto
IT	Lecco		Anatoliki Makedonia, Thraki		Bergamo		Lot-et-Garonne
IT		0.87 EL		0.86 IT		0.81 FR	
IT	Livorno	0.89 US	Red Mountain	0.88 CN	Gansu	0.88 US	Walla Walla Valley
IT	Lodi	0.91 IT	Milano	0.87 IT	Piacenza	0.76 IT	Pavia
IT	Lucca	0.95 IT	Pisa	0.93 IT	Grosseto	0.92 IT	Pistoia
IT	Macerata	0.80 IT	Ancona	0.70 IT	Fermo	0.67 IT	Barletta-Andria-Trani
IT	Mantova	0.56 IT	Cremona	0.56 JP	Nagano	0.55 US	Shasta
IT	Massa-Carrara	0.79 IT	La Spezia	0.68 IT	Olbia-Tempio	0.66 IT	Genova
IT	Matera	0.75 IT	Isernia	0.75 IT	Lucca	0.74 IT	Barletta-Andria-Trani
IT	Medio Campidano	0.83 IT	Cagliari	0.69 IT	Oristano	0.34 IT	Sassari
IT	Messina	0.88 IT	Enna	0.80 IT	Reggio di Calabria	0.71 US	North Carolina
IT	Milano	0.91 IT	Lodi	0.85 IT	Piacenza	0.84 IT	Pavia
IT	Modena	0.47 IT	Reggio nell'Emilia	0.32 IT	Mantova	0.25 IT	Cremona
IT	Monza e della Brianza	0.43 FR	Yonne	0.43 US	Tehama	0.42 AU	Hunter Valley - other
IT	Napoli	0.63 IT	Caserta	0.60 IT	Benevento	0.28 IT	Avellino
IT	Novara	0.95 IT	Vercelli	0.92 IT	Sondrio	0.89 IT	Biella
IT	Nuoro	1.00 IT	Ogliastra	0.93 FR	Vaucluse	0.90 ES	Zaragoza
IT	Ogliastra	1.00 IT	Nuoro	0.93 FR	Vaucluse	0.90 ES	Zaragoza
IT	Olbia-Tempio	0.95 IT	Savona	0.86 IT	Sassari	0.85 IT	La Spezia
IT	Oristano	0.71 IT	Cagliari	0.69 IT	Medio Campidano	0.59 TN	Tunisia
IT	Padova	0.85 CN	Other regions	0.84 FR	Gironde	0.84 CH	Ticino
IT	Palermo	0.98 IT	Trapani	0.51 IT	Agrigento	0.26 IT	Caltanissetta
IT	Parma	0.59 IT	Roma	0.48 IT	Salerno	0.47 IT	Cremona
IT	Pavia	0.84 IT	Milano	0.76 IT	Piacenza	0.76 IT	Lodi
IT	Perugia	0.85 IT	Lucca	0.83 IT	Pisa	0.82 IT	Grosseto
IT	Pesaro e Urbino	0.53 IT	Rimini	0.50 IT	Arezzo	0.50 IT	Firenze
IT	Pescara	1.00 IT	L'Aquila	1.00 IT	Teramo	0.98 IT	Campobasso
IT	Piacenza	0.87 IT	Lodi	0.85 IT	Milano	0.76 IT	Pavia
IT	Pisa	0.99 IT	Pistoia	0.99 IT	Grosseto	0.98 IT	Arezzo
IT	Pistoia	0.99 IT	Pisa	0.97 IT	Firenze	0.97 IT	Arezzo
IT	Pordenone	0.90 IT	Venezia	0.85 IT	Udine	0.81 IT	Gorizia
IT	Potenza	0.94 IT	Avellino	0.77 IT	Benevento	0.67 IT	Caserta
IT	Prato	0.97 IT	Arezzo	0.96 IT	Firenze	0.96 IT	Grosseto
IT	Ragusa	0.93 IT	Siracusa	0.93 IT	Caltanissetta	0.85 IT	Agrigento

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

IT	Ravenna	0.92	IT	Ferrara	0.85	IT	Bologna	0.60	IT	Forlì-Cesena
IT	Reggio di Calabria	0.87	IT	Enna	0.85	NZ	Other regions	0.83	US	Orange
IT	Reggio nell'Emilia	0.47	IT	Modena	0.47	IT	Mantova	0.43	IT	Cremona
IT	Rieti	0.76	IT	Viterbo	0.75	IT	Roma	0.70	IT	Frosinone
IT	Rimini	0.98	IT	Siena	0.98	IT	Firenze	0.98	IT	Arezzo
IT	Roma	0.90	IT	Latina	0.75	IT	Rieti	0.71	IT	Viterbo
IT	Rovigo	0.80	CH	Ticino	0.80	AR	Nogoya	0.79	CN	Other regions
IT	Salerno	0.66	IT	Como	0.66	IT	Torino	0.66	IT	Asti
IT	Sassari	0.86	IT	Olbia-Tempio	0.76	IT	Savona	0.72	IT	La Spezia
IT	Savona	0.95	IT	Olbia-Tempio	0.83	IT	La Spezia	0.81	IT	Imperia
IT	Siena	1.00	IT	Firenze	1.00	IT	Arezzo	0.99	IT	Grosseto
IT	Siracusa	0.99	IT	Caltanissetta	0.93	IT	Ragusa	0.85	IT	Agrigento
IT	Sondrio	0.99	IT	Vercelli	0.92	IT	Novara	0.88	IT	Verbano-Cusio-Ossola
IT	Taranto	0.97	US	Amador	0.96	US	San Bernardino	0.91	US	Colusa
IT	Teramo	1.00	IT	Pescara	0.99	IT	L'Aquila	0.97	IT	Campobasso
IT	Terni	0.74	IT	Perugia	0.68	IT	Foggia	0.66	IT	Viterbo
IT	Torino	0.66	IT	Salerno	0.63	IT	Biella	0.62	IT	Asti
IT	Trapani	0.98	IT	Palermo	0.46	IT	Agrigento	0.20	IT	Ragusa
IT	Trento	0.84	US	Solano	0.82	US	Yolo	0.80	AU	Big Rivers - other
IT	Treviso	0.64	IT	Padova	0.45	IT	Venezia	0.35	IT	Belluno
IT	Trieste	0.68	SI	Slovenska Istra	0.60	HR	Istra	0.54	SI	Kras
IT	Udine	0.92	IT	Venezia	0.90	IT	Gorizia	0.85	IT	Pordenone
IT	Valle d'Aosta	0.68	FR	Haute-Loire	0.68	US	Orange	0.67	KZ	West Kazakhstan
IT	Varese	0.80	IT	Verbano-Cusio-Ossola	0.72	IT	Lecco	0.66	US	Shasta
IT	Venezia	0.92	IT	Udine	0.90	IT	Pordenone	0.77	IT	Gorizia
IT	Verbano-Cusio-Ossola	0.92	IT	Vercelli	0.88	IT	Sondrio	0.87	IT	Novara
IT	Vercelli	0.99	IT	Sondrio	0.95	IT	Novara	0.92	IT	Verbano-Cusio-Ossola
IT	Verona	0.49	IT	Vicenza	0.42	IT	Rovigo	0.19	IT	Pordenone
IT	Vibo Valentia	0.51	IT	Cosenza	0.51	IT	Reggio di Calabria	0.48	US	Orange
IT	Vicenza	0.80	FR	Gironde	0.79	CN	Other regions	0.79	IT	Padova
IT	Viterbo	0.84	IT	Latina	0.76	IT	Rieti	0.72	IT	Foggia
JP	Hokkaido	0.47	DE	Saale	0.36	DE	Sachsen	0.35	DE	Franken
JP	Nagano	0.95	US	Shasta	0.94	JP	Yamagata	0.91	CH	Ticino
JP	Other regions	0.78	US	Santa Clara	0.77	US	Horse Heaven Hills	0.76	AU	North East Victoria - other
JP	Yamagata	0.94	JP	Nagano	0.90	US	Shasta	0.83	US	Merced
JP	Yamanashi	0.71	JP	Other regions	0.63	CN	Shandong	0.63	CN	Sichuan
KZ	Almaty	0.93	GE	Georgia	0.83	KZ	South Kazakhstan	0.71	KZ	Zhambyl
KZ	East Kazakhstan	0.87	KZ	West Kazakhstan	0.85	RO	Sud - Muntenia	0.85	RO	Sud-Vest Oltenia
KZ	Other regions	0.84	KZ	East Kazakhstan	0.71	HR	Other regions	0.69	RO	Bucuresti - Ilfov
KZ	South Kazakhstan	0.83	KZ	Almaty	0.77	GE	Georgia	0.61	KZ	Other regions
KZ	West Kazakhstan	0.94	NZ	Other regions	0.92	FR	Correze	0.92	US	North Carolina
KZ	Zhambyl	0.93	AM	Armenia	0.81	HU	Zala	0.80	RO	Nord-Vest
KR	KoreaRep	0.63	TW	Taiwan	0.25	US	Orange	0.25	FR	Haute-Loire
LU	Luxembourg	0.55	DE	Sachsen	0.46	DE	Saale	0.44	FR	Haut-Rhin
MX	Aguascalientes	0.70	IT	Carbonia-Iglesias	0.62	TN	Tunisia	0.43	FR	Aude
MX	Baja California	0.85	US	Walla Walla Valley	0.82	US	Texas	0.81	US	Columbia River
MX	Coahuila	0.58	US	Red Mountain	0.58	CN	Gansu	0.58	CN	Xinjiang
MX	Sonora	0.68	TR	Aegean	0.13	AU	North West Victoria - other	0.09	CY	Cyprus
MX	Zacatecas	0.57	EL	Voreio Aigaio	0.35	IT	Cuneo	0.29	PE	Arequipa
MD	Moldova	0.86	UA	Ukraine	0.50	NZ	Hawkes Bay	0.49	AU	Strathbogie Ranges
MA	Morocco	0.60	US	Orange	0.60	NZ	Other regions	0.59	FR	Haute-Loire
	Myanmar			Sunbury			Central Western Australia			Western Australia Southeast
MM		0.81	AU		0.79	AU		0.77	AU	Coast
NZ	Auckland	0.88	NZ	Hawkes Bay	0.85	US	Snipes Mountain	0.84	AU	Northern Rivers - other
NZ	Canterbury	0.98	AU	Tasmania	0.95	AU	Henty	0.92	AU	Mornington Peninsula
NZ	Gisborne	0.91	FR	Yonne	0.91	FR	Doubs	0.90	US	Yolo
NZ	Hawkes Bay	0.88	NZ	Auckland	0.87	AU	Strathbogie Ranges	0.85	AU	Alpine Valleys
NZ	Marlborough	0.99	FR	Nievre	0.98	FR	Cher	0.91	AR	Coronel Suarez
NZ	Nelson	0.94	NZ	Waipara	0.93	AR	Coronel Suarez	0.90	FR	Cher
NZ	Otago	1.00	US	Yamhill Co.	1.00	US	Polk Co.	0.99	US	Benton Co.
NZ	Other regions	0.98	FR	Correze	0.97	US	North Carolina	0.97	US	Arkansas
NZ	Waikato	0.83	US	Texas	0.81	NZ	Auckland	0.80	NZ	Hawkes Bay
NZ	Waipara	0.94	NZ	Nelson	0.91	FR	Cher	0.90	NZ	Marlborough
NZ	Wairarapa	0.93	NZ	Otago	0.93	AU	Tasmania	0.92	US	Yamhill Co.
PE	Arequipa	0.79	PT	Madeira	0.69	PE	Moquegua	0.55	PT	Algarve
PE	Lima	0.62	HU	Sopron	0.52	HU	Csongrad	0.50	HU	Szekszard

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

PE	Moquegua	0.94 PE	Tacna	0.69 PE	Arequipa	0.65 PT	Madeira
PE	Tacna	0.94 PE	Moquegua	0.47 PE	Arequipa	0.41 PT	Madeira
PT	Acores	0.46 PT	Entre Douro e Minho	0.13 PT	Ribatejo e Oeste	0.12 PT	Alentejo
PT	Alentejo	0.61 ES	Burgos	0.60 ES	Alava	0.60 ES	La Rioja
PT	Algarve	0.60 PT	Madeira	0.56 PT	Ribatejo e Oeste	0.55 PE	Arequipa
PT	Alto Tras-os-Montes	0.49 PT	Alentejo	0.45 ES	Burgos	0.44 ES	La Rioja
	Beira Interior		Alto Tras-os-Montes		Alentejo		Avila, Palencia, Salamanca,
PT		0.44 PT		0.32 PT		0.26 ES	Segovia, Soria
PT	Beira Litoral	0.33 PT	Ribatejo e Oeste	0.28 ES	Zamora	0.28 ES	Leon
PT	Entre Douro e Minho	0.46 PT	Acores	0.24 ES	Galicia	0.14 ES	Cantabria
PT	Madeira	0.79 PE	Arequipa	0.65 PE	Moquegua	0.60 PT	Algarve
PT	Ribatejo e Oeste	0.56 PT	Algarve	0.53 PT	Alentejo	0.33 PT	Beira Litoral
RO	Bucuresti - Ilfov	0.98 HR	Other regions	0.98 RO	Nord-Vest	0.96 HU	Zala
RO	Centru	0.77 RO	Vest	0.66 RO	Sud-Est	0.51 SI	Stajerska Slovenija
RO	Nord-Est	0.98 RO	Nord-Vest	0.95 HU	Zala	0.95 RO	Bucuresti - Ilfov
RO	Nord-Vest	0.98 HU	Zala	0.98 RO	Nord-Est	0.98 RO	Bucuresti - Ilfov
RO	Sud - Muntenia	0.97 RO	Sud-Vest Oltenia	0.94 US	North Carolina	0.94 US	Arizona
RO	Sud-Est	0.85 RO	Nord-Est	0.82 RO	Sud - Muntenia	0.81 RO	Nord-Vest
RO	Sud-Vest Oltenia	0.97 RO	Sud - Muntenia	0.95 US	North Carolina	0.95 US	Arkansas
RO	Vest	0.77 RO	Centru	0.70 RO	Sud-Est	0.61 SI	Vipavska dolina
RU	Krasnodar Krai	0.75 US	Horse Heaven Hills	0.75 US	Napa	0.72 US	Riverside
RU	Rostov Oblast	0.57 UA	Ukraine	0.48 KZ	Almaty	0.46 RU	Krasnodar Krai
RS	Serbia	0.85 HU	Badacsony	0.85 HR	Slavonija	0.85 HR	Podunavlje
SK	Juznoslovenska	0.94 SK	Nitrianska	0.92 SK	Malokarpatska	0.85 SK	Stredné Slovensko
SK	Malokarpatska	0.98 SK	Nitrianska	0.92 SK	Juznoslovenska	0.89 SK	Stredné Slovensko
SK	Nitrianska	0.98 SK	Malokarpatska	0.94 SK	Juznoslovenska	0.86 SK	Stredné Slovensko
SK	Stredné Slovensko	0.89 SK	Malokarpatska	0.86 CZ	Morava	0.86 SK	Nitrianska
SK	Tokajská	0.97 HU	Tokaj	0.32 HU	Nagy-Somlo	0.29 HR	Zagorje-Medimurje
SK	Východné Slovensko	0.83 HU	Balatonfured-Csopak	0.83 SK	Juznoslovenska	0.81 HR	Slavonija
SI	Bela Krajina	0.87 SI	Bizeljsko Sremic	0.82 SI	Other regions	0.72 SI	Dolenjska
SI	Bizeljsko Sremic	0.90 SI	Other regions	0.87 SI	Bela Krajina	0.86 SI	Dolenjska
SI	Dolenjska	0.90 SI	Other regions	0.86 SI	Bizeljsko Sremic	0.72 SI	Bela Krajina
SI	Goriska brda	0.70 SI	Vipavska dolina	0.69 IT	Gorizia	0.68 IT	Udine
SI	Kras	0.91 SI	Slovenska Istra	0.54 IT	Trieste	0.28 HR	Istra
SI	Other regions	0.90 SI	Bizeljsko Sremic	0.90 SI	Dolenjska	0.82 SI	Bela Krajina
SI	Prekmurje	0.94 SI	Stajerska Slovenija	0.88 HU	Badacsony	0.87 HR	Slavonija
SI	Slovenska Istra	0.91 SI	Kras	0.68 IT	Trieste	0.64 HR	Istra
SI	Stajerska Slovenija	0.94 SI	Prekmurje	0.84 HR	Zagorje-Medimurje	0.81 HR	Plesivica
SI	Vipavska dolina	0.70 SI	Goriska brda	0.70 NZ	Hawkes Bay	0.69 IT	Lecco
ZA	Breedekloof	0.97 ZA	Worcester	0.95 ZA	Olifants River	0.88 ZA	Little Karoo
ZA	Little Karoo	0.94 ZA	Northern Cape	0.94 ZA	Olifants River	0.88 ZA	Breedekloof
ZA	Northern Cape	0.94 ZA	Little Karoo	0.87 ZA	Olifants River	0.77 US	Fresno
ZA	Olifants River	0.95 ZA	Breedekloof	0.94 ZA	Little Karoo	0.92 ZA	Worcester
ZA	Paarl	0.99 ZA	Swartland	0.88 ZA	Stellenbosch	0.85 ZA	Worcester
ZA	Robertson	0.91 ZA	Worcester	0.88 ZA	Breedekloof	0.81 ZA	Olifants River
ZA	Stellenbosch	0.89 AU	Mount Benson	0.88 AU	Margaret River	0.88 ZA	Paarl
ZA	Swartland	0.99 ZA	Paarl	0.87 ZA	Stellenbosch	0.85 ZA	Worcester
ZA	Worcester	0.97 ZA	Breedekloof	0.92 ZA	Olifants River	0.91 ZA	Robertson
ES	Alava	0.99 ES	La Rioja	0.97 ES	Zamora	0.97 ES	Comunidad de Madrid
ES	Albacete	0.78 ES	Cuenca	0.60 ES	Guadalajara	0.59 ES	Alicante
ES	Alicante	0.96 ES	Region de Murcia	0.59 ES	Albacete	0.29 CL	Atacama
	Almeria, Granada, Jaen,		Other regions		Bucuresti - Ilfov		Sud - Muntenia
ES	Sevilla	0.64 HR		0.62 RO		0.62 RO	
	Avila, Palencia, Salamanca,		Comunidad de Madrid		Zaragoza		Zamora
ES	Segovia, Soria	0.85 ES		0.83 ES		0.81 ES	
ES	Badajoz	0.48 ES	La Rioja	0.47 ES	Burgos	0.47 ES	Alava
ES	Barcelona	0.75 ES	Tarragona	0.53 ES	Girona, Lleida	0.30 ES	Huesca, Teruel
ES	Burgos	0.98 ES	La Rioja	0.96 ES	Alava	0.96 ES	Zamora
ES	Caceres	0.67 ES	Valladolid	0.66 ES	Comunidad de Madrid	0.64 ES	Alava
ES	Cadiz	0.75 ES	Canarias	0.56 ES	Cantabria	0.51 MX	Coahuila
ES	Canarias	0.75 ES	Cadiz	0.47 ES	Cantabria	0.39 ES	Galicia
ES	Cantabria	0.69 ES	Galicia	0.60 ES	Leon	0.56 ES	Cadiz
ES	Castellon	0.78 ES	Comunidad de Madrid	0.77 ES	Alava	0.76 ES	La Rioja
	Ciudad Real		Toledo		Comunidad Foral de Navarra		Cuenca
ES		0.96 ES		0.77 ES		0.69 ES	
ES	Comunidad de Madrid	0.97 ES	Alava	0.92 ES	La Rioja	0.92 ES	Zamora

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

	Comunidad Foral de Navarra	Toledo	Ciudad Real	Ogliastria		
ES	0.88 ES	Almeria, Granada, Jaen, Sevilla	0.77 ES 0.16 ES 0.75 ES 0.47 RO 0.72 ES 0.86 ES 0.08 HU	Malaga Valencia Sud - Muntenia Tarragona La Rioja Zala Southern Flinders Ranges	0.63 IT 0.06 ES 0.69 ES 0.47 RO 0.71 US 0.85 ES 0.07 RO	Ogliastria Caceres Ciudad Real Sud-Vest Oltenia Santa Clara Zamora Nord-Vest Ventura
ES	Cordoba					
ES	0.23 ES					
ES	Cuenca	0.78 ES	Albacete	0.75 ES	Valencia	0.69 ES
ES	Galicia	0.69 ES	Cantabria	0.47 RO	Sud - Muntenia	0.47 RO
ES	Girona, Lleida	0.73 ES	Huesca, Teruel	0.72 ES	Tarragona	0.71 US
ES	Guadalajara	0.88 ES	Burgos	0.86 ES	La Rioja	0.85 ES
ES	Guipuzcoa, Vizcaya	0.13 ES	Cantabria	0.08 HU	Zala	0.07 RO
	Huelva		Almeria, Granada, Jaen,			
ES		0.04 ES	Sevilla	0.01 AU		0.01 US
ES	Huesca, Teruel	0.87 ES	Zaragoza	0.78 FR	Bouches-du-Rhone	0.77 FR
ES	Illes Balears	0.66 US	Horse Heaven Hills	0.66 AU	North East Victoria - other	0.66 US
ES	La Rioja	0.99 ES	Alava	0.98 ES	Burgos	0.97 ES
ES	Leon	0.60 ES	Cantabria	0.54 ES	Principado de Asturias	0.34 ES
ES	Malaga	0.84 AR	Zonda	0.82 AR	Poman	0.78 AR
ES	Principado de Asturias	0.64 US	Orange	0.62 NZ	Other regions	0.62 FR
ES	Region de Murcia	0.96 ES	Alicante	0.59 ES	Albacete	0.26 US
ES	Tarragona	0.75 ES	Barcelona	0.72 ES	Girona, Lleida	0.57 ES
	Toledo		Ciudad Real		Comunidad Foral de Navarra	Cuenca
ES		0.96 ES		0.88 ES		0.65 ES
ES	Valencia	0.75 ES	Cuenca	0.54 ES	Albacete	0.23 ES
ES	Valladolid	0.71 ES	Burgos	0.71 ES	Zamora	0.70 ES
ES	Zamora	0.97 ES	La Rioja	0.97 ES	Alava	0.96 ES
ES	Zaragoza	0.90 IT	Ogliastria	0.90 IT	Nuoro	0.88 FR
CH	Aargau	1.00 CH	Thurgau	1.00 CH	Zürich	0.99 CH
CH	Basel Land	1.00 CH	Schaffhausen	1.00 CH	St. Gallen	0.99 CH
CH	Bern	0.98 CH	Neuchâtel	0.95 CH	Fribourg	0.90 CH
CH	Fribourg	0.95 CH	Bern	0.94 CH	Vaud	0.90 CH
CH	Geneva	0.80 FR	Allier	0.77 FR	Puy-de-Dome	0.75 FR
CH	Graubünden	1.00 CH	St. Gallen	0.99 AR	Malargüe	0.99 CH
CH	Jura	0.78 HR	Other regions	0.75 RO	Sud - Muntenia	0.74 RO
CH	Lucerne	0.96 CH	Other regions	0.93 CH	Schwyz	0.93 CH
CH	Neuchâtel	0.98 CH	Bern	0.92 CH	Valais	0.90 CH
CH	Other regions	0.98 CH	Thurgau	0.98 CH	Zürich	0.98 CH
CH	Schaffhausen	1.00 CH	St. Gallen	1.00 CH	Basel Land	0.99 CH
CH	Schwyz	0.98 CH	Zürich	0.98 CH	Aargau	0.98 CH
CH	St. Gallen	1.00 CH	Schaffhausen	1.00 CH	Basel Land	1.00 CH
CH	Thurgau	1.00 CH	Aargau	1.00 CH	Zürich	0.98 CH
CH	Ticino	1.00 AR	Nogoya	0.98 CN	Other regions	0.92 FR
CH	Valais	0.92 CH	Neuchâtel	0.90 CH	Bern	0.82 CH
CH	Vaud	0.95 FR	Haute-Savoie	0.94 CH	Fribourg	0.87 FR
CH	Zürich	1.00 CH	Aargau	1.00 CH	Thurgau	0.98 CH
TW	Taiwan	0.63 KR	KoreaRep	0.08 JP	Yamanashi	0.07 JP
TH	Thailand	0.91 AU	Southern Flinders Ranges	0.91 US	Ventura	0.91 AU
TN	Tunisia	0.89 IT	Carbonia-Iglesias	0.70 DZ	Algeria	0.66 IL
TR	Aegean	0.68 MX	Sonora	0.55 AU	North West Victoria - other	0.53 AU
TR	Central East	0.23 TR	Mediterranean	0.13 TR	Aegean	0.06 TR
TR	Central North	0.42 TR	Mediterranean	0.38 TR	Aegean	0.28 AU
TR	Central South	0.07 TR	Central North	0.05 TR	Aegean	0.03 TR
TR	Marmara	0.53 AU	New England Australia	0.52 FR	Dordogne	0.39 DZ
TR	Mediterranean	0.78 AU	Strathbogie Ranges	0.77 AU	Upper Goulburn	0.76 US
TR	South East	0.27 TR	Mediterranean	0.22 TR	Aegean	0.17 TR
UA	Ukraine	0.86 MD	Moldova	0.70 KZ	Almaty	0.63 GE
UK	United Kingdom	0.84 US	San Mateo	0.83 US	Santa Cruz	0.81 AU
US	Alameda	0.94 US	Santa Clara	0.92 US	Riverside	0.92 US
US	Amador	0.97 US	San Bernardino	0.97 IT	Taranto	0.93 US
US	Arizona	1.00 US	Arkansas	1.00 US	North Carolina	1.00 US
US	Arkansas	1.00 US	Georgia	1.00 US	North Carolina	1.00 US
US	Benton Co.	1.00 US	Washington Co.	1.00 US	Polk Co.	0.99 US
US	Butte	0.90 US	Los Angeles	0.89 US	San Luis Obispo	0.88 AU
US	Calaveras	0.92 AU	Mount Benson	0.90 AU	Geographe	0.90 US
US	Chautauqua-Erie	0.99 US	Ohio	0.96 US	Pennsylvania	0.79 US
US	Colorado	0.91 US	Snipes Mountain	0.89 US	Columbia Valley	0.88 US
US	Columbia Gorge	0.76 IT	Trento	0.70 NZ	Auckland	0.70 AU
US	Columbia River	0.88 US	Walla Walla Valley	0.87 US	Jackson Co.	0.86 US

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

US	Columbia Valley	0.98 US	Wahluke Slope	0.96 US	Horse Heaven Hills	0.93 US	Yakima Valley
US	Colusa	0.93 US	Amador	0.91 US	San Bernardino	0.91 IT	Taranto
US	Contra Costa	0.87 US	San Joaquin	0.81 US	Merced	0.79 US	Yolo
US	Douglas Co.	0.98 US	Willamette Valley - other	0.96 US	Washington Co.	0.96 US	Polk Co.
US	El Dorado	0.87 US	Mariposa	0.86 US	Calaveras	0.86 US	San Luis Obispo
US	Finger Lakes	0.85 US	Pennsylvania	0.83 US	Ohio	0.79 US	Chautauqua-Erie
US	Fresno	0.87 US	Tulare	0.85 US	Madera	0.77 ZA	Northern Cape
US	Georgia	1.00 US	North Carolina	1.00 US	Arizona	1.00 US	Georgia
US	Glenn	0.78 US	Colusa	0.74 US	Kings	0.63 US	San Joaquin
US	Horse Heaven Hills	0.98 US	Wahluke Slope	0.96 US	Columbia Valley	0.96 AU	North East Victoria - other
US	Humboldt	0.85 AU	Western Victoria - other	0.85 AU	North East Victoria - other	0.80 AU	Alpine Valleys
US	Illinois	0.81 US	Indiana	0.70 US	Missouri	0.55 US	Arizona
US	Indiana	0.81 US	Illinois	0.64 HR	Other regions	0.63 RO	Bucuresti - Ilfov
US	Iowa	0.44 US	Minnesota	0.41 US	Illinois	0.21 US	Missouri
US	Jackson Co.	0.87 US	Columbia River	0.81 FR	Ariège	0.76 US	Colorado
US	Josephine Co.	0.97 US	Washington Co.	0.97 US	Willamette Valley - other	0.95 US	Douglas Co.
US	Kentucky	0.68 US	Missouri	0.62 US	Virginia	0.60 CA	Ontario
US	Kern	0.71 US	Tulare	0.71 ZA	Little Karoo	0.69 US	Fresno
US	Kings	0.74 US	Glenn	0.68 US	Tulare	0.61 US	Fresno
US	Lake	0.91 CL	Del Maule	0.88 CL	Metropolitana	0.87 US	Napa
US	Lake Chelan	0.75 US	Michigan	0.74 US	Josephine Co.	0.71 AU	Eden Valley
US	Lane Co.	0.95 US	Marion Co.	0.79 US	Washington Co.	0.79 US	Josephine Co.
US	Los Angeles	0.95 AU	Coonawarra	0.95 US	Red Mountain	0.94 CL	Metropolitana
US	Madera	0.87 US	Tulare	0.85 US	Fresno	0.82 US	Stanislaus
US	Marin	1.00 FR	Aube	0.99 AR	Malargüe	0.99 US	Yamhill Co.
US	Marion Co.	0.95 US	Lane Co.	0.94 US	Washington Co.	0.93 US	Benton Co.
US	Mariposa	0.91 US	San Luis Obispo	0.88 US	San Joaquin	0.87 US	El Dorado
US	Mendocino	0.98 US	Sonoma	0.94 US	Sacramento	0.92 US	San Benito
US	Merced	0.92 US	Sacramento	0.89 US	Mendocino	0.88 US	Santa Clara
US	Michigan	0.77 DE	Hessische Bergstraße	0.75 US	Lake Chelan	0.75 DE	Rheingau
US	Minnesota	0.44 US	Iowa	0.31 US	Illinois	0.13 US	Arizona
US	Missouri	0.70 US	Illinois	0.68 US	Kentucky	0.62 US	Indiana
US	Monterey	0.99 US	San Benito	0.96 US	Santa Barbara	0.94 US	Solano
US	Napa	0.95 US	San Luis Obispo	0.95 CL	Metropolitana	0.95 CN	Gansu
US	Nevada	0.90 AU	Peel	0.90 US	San Luis Obispo	0.90 US	Calaveras
US	New York - other	0.77 JP	Nagano	0.73 US	Virginia	0.73 JP	Yamagata
US	North Carolina	1.00 US	Arizona	1.00 US	Arkansas	1.00 US	Georgia
US	Ohio	0.99 US	Chautauqua-Erie	0.97 US	Pennsylvania	0.83 US	Finger Lakes
US	Orange	0.97 FR	Haute-Loire	0.96 NZ	Other regions	0.92 FR	Correze
US	Pennsylvania	0.97 US	Ohio	0.96 US	Chautauqua-Erie	0.85 US	Finger Lakes
US	Placer	0.76 US	Amador	0.74 US	San Bernardino	0.70 IT	Taranto
US	Polk Co.	1.00 US	Yamhill Co.	1.00 NZ	Otago	1.00 US	Benton Co.
US	Puget Sound	0.87 US	Douglas Co.	0.86 FR	Moselle	0.85 US	Willamette Valley - other
US	Rattlesnake Hills	0.90 US	Columbia Valley	0.88 US	Wahluke Slope	0.87 US	Yakima Valley
US	Red Mountain	0.97 US	Walla Walla Valley	0.97 AU	Coonawarra	0.97 CN	Gansu
US	Riverside	0.93 US	Horse Heaven Hills	0.92 US	Alameda	0.92 US	Santa Clara
US	Sacramento	0.95 US	Santa Clara	0.94 US	Mendocino	0.92 US	Merced
US	San Benito	0.99 US	Monterey	0.96 US	Santa Barbara	0.93 US	Trinity
US	San Bernardino	0.97 US	Amador	0.96 IT	Taranto	0.91 US	Colusa
US	San Diego	0.90 AU	The Peninsulas	0.90 AU	Glenrowan	0.89 AU	Canberra District (NSW)
US	San Joaquin	0.88 US	Mariposa	0.87 US	Contra Costa	0.86 US	Stanislaus
US	San Luis Obispo	0.95 US	Napa	0.93 AU	North East Victoria - other	0.92 US	Alameda
US	San Mateo	0.97 US	Santa Cruz	0.95 AU	Gippsland	0.94 AU	Mornington Peninsula
US	Santa Barbara	0.96 US	Monterey	0.96 US	San Benito	0.95 AU	Tumbarumba
US	Santa Clara	0.95 US	Sacramento	0.94 US	Alameda	0.92 AU	North East Victoria - other
US	Santa Cruz	0.98 AU	Macedon Ranges	0.97 AU	Gippsland	0.97 US	San Mateo
US	Shasta	0.95 JP	Nagano	0.90 JP	Yamagata	0.90 CH	Ticino
US	Siskiyou	0.83 US	Sonoma	0.83 US	Mendocino	0.79 US	Solano
US	Snipes Mountain	0.91 US	Colorado	0.90 US	Columbia Valley	0.89 US	Wahluke Slope
US	Solano	0.94 US	Yolo	0.94 US	Monterey	0.93 US	San Benito
US	Sonoma	0.98 US	Mendocino	0.92 US	Sacramento	0.91 AU	Yarra Valley
US	Stanislaus	0.88 US	Merced	0.86 US	San Joaquin	0.83 US	Sacramento
US	Sutter	0.71 US	Contra Costa	0.67 US	San Joaquin	0.64 US	Colusa
US	Tehama	0.97 FR	Yonne	0.97 AU	Hunter Valley - other	0.95 US	Yolo
US	Texas	0.88 US	Snipes Mountain	0.87 US	Riverside	0.86 US	Alameda
US	Trinity	0.93 US	San Benito	0.92 US	Monterey	0.91 US	Santa Barbara

Table 96 (cont.): Each region's 3 most similar winegrape regions in the world according to the VSI, 2010

US	Tulare	0.87	US	Fresno	0.87	US	Madera	0.73	US	Stanislaus
US	Tuolumne	0.97	AU	Bendigo	0.96	AU	McLaren Vale	0.96	AU	Mount Lofty Ranges - other
US	Ventura	0.99	AU	Southern Flinders Ranges	0.99	AU	Barossa - other	0.98	AU	Grampians
US	Virginia	0.77	US	Santa Clara	0.76	US	Colorado	0.75	US	Sacramento
US	Wahluke Slope	0.98	US	Horse Heaven Hills	0.98	US	Columbia Valley	0.94	AU	North East Victoria - other
US	Walla Walla Valley	0.97	US	Red Mountain	0.92	CN	Gansu	0.92	AU	Coonawarra
US	Washington Co.	1.00	US	Benton Co.	0.99	US	Willamette Valley - other	0.99	US	Polk Co.
US	Willamette Valley - other	0.99	US	Washington Co.	0.99	US	Polk Co.	0.99	NZ	Otago
US	Yakima Valley	0.93	US	Columbia Valley	0.87	US	Rattlesnake Hills	0.86	US	Colorado
US	Yamhill Co.	1.00	US	Polk Co.	1.00	NZ	Otago	0.99	US	Benton Co.
US	Yolo	0.95	US	Tehama	0.94	US	Solano	0.93	US	Monterey
US	Yuba	0.74	US	Alameda	0.74	US	Nevada	0.73	AU	Northern Slopes - other
UY	Uruguay	0.69	FR	Hautes-Pyrenees	0.65	AR	Tulumba	0.64	AR	Villarino

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

DZ	Algeria	0.79 FR	Languedoc Roussillon	0.73 IL	Israel	0.67 FR	Provence-Alpes-Côte d'Azur
AR	Adolfo Alsina	0.95 AR	Calamuchita	0.93 AR	Avellaneda - Río Negro	0.93 AR	Puelen
AR	Albardón	0.99 AR	Chimbas	0.98 AR	Santa Lucía	0.97 AR	Pocito
AR	Andalgalá	0.61 AR	Sarmiento - San Juan	0.60 AR	Famatina	0.58 AR	Maipú
AR	Añelo	0.96 AR	Puelen	0.96 AR	Confluencia	0.96 AR	Calamuchita
AR	Angaco	0.95 AR	Chimbas	0.95 AR	Caucete	0.95 AR	San Martín - San Juan
AR	AvellanedaRíoNegro	0.93 AR	Adolfo Alsina	0.91 AR	Puelen	0.89 AR	Tunuyán
AR	Ayacucho	0.94 AR	Capital San Luis	0.94 AR	San Alberto	0.91 AR	San Javier
AR	Balcarce	0.79 AU	Mount Gambier	0.79 CL	Valparaíso	0.76 NZ	Nelson
AR	Bariloche	0.78 AR	Nogoya	0.78 CH	Ticino	0.78 CH	Graubünden - Mesolcina
AR	Belén	0.97 AR	San Carlos - Salta	0.96 AR	Cruz del Eje	0.89 AR	Famatina
AR	BenitoJuárez	1.00 AR	Benito Juárez	1.00 AR	Godoy Cruz	1.00 AR	General Belgrano
AR	Cachi	0.99 AR	Villa Gesell	0.99 AR	General Belgrano	0.99 AR	Godoy Cruz
AR	Cafayate	0.96 AR	Famatina	0.96 AR	Tafi del Valle	0.87 AR	San Carlos - Salta
AR	Caiquias	0.96 AR	Cafuelas	0.89 UY	Florida	0.83 AR	Concordia
AR	Calamuchita	0.97 AR	Puelen	0.96 AR	Tunuyán	0.96 AR	Añelo
AR	Calingasta	0.94 AR	Calamuchita	0.92 AR	La Viña	0.92 AR	Santa María - Cba
AR	Cafuelas	0.96 AR	Caiquias	0.90 UY	Florida	0.87 AR	Concordia
AR	Capayán	0.94 AR	Pehuenches	0.74 AR	Valle Viejo	0.71 AR	Guaymallén
AR	CapitalMisiones	1.00 AR	Veinticinco de Mayo -	0.99 DE	Rheingau	0.98 DE	Mittelrhein
AR	CapitalSanJuan	0.57 AR	Poman	0.55 AR	Rivadavia - San Juan	0.48 CL	Del Bio Bio
AR	CapitalSanLuis	0.94 AR	Ayacucho	0.92 AR	San Javier	0.89 AR	Calingasta
AR	CapitalSantiagodelEsterio	0.81 MX	Zacatecas	0.11 MA	Morocco	0.11 TN	Tunisia
AR	CastroBarros	0.91 AR	Santa María - Cba	0.90 AR	Maipú	0.89 AR	Calingasta
AR	Caucete	0.98 AR	San Martín - San Juan	0.97 AR	Nueve de Julio	0.97 AR	Veinticinco de Mayo - San
AR	Chilecito	0.92 AR	General Lamadrid	0.89 AR	San Blas De Los Sauces	0.89 AR	Cruz del Eje
AR	Chimbas	0.99 AR	Santa Lucía	0.99 AR	Albardón	0.99 AR	Tinogasta
AR	ChosMalal	0.99 AR	Luján de Cuyo	0.98 AR	Tunuyán	0.98 AR	Molinos
AR	CollonCura	0.99 US	Marín	0.98 CH	Graubünden - other	0.97 US	Umpqua Valley
AR	ColónCba	0.88 AR	Collon Cura	0.87 US	Umpqua Valley	0.86 US	Marín
AR	ColónEntreRíos	0.87 AR	Victoria	0.87 AR	Puelen	0.86 AR	San Javier
AR	Concordia	0.87 AR	Cafuelas	0.84 UY	Florida	0.83 AR	Caiquias
AR	Conesa	0.82 AR	Pichi Mahuida	0.63 AR	Bélén	0.59 AR	San Carlos - Salta
AR	Confluencia	0.96 AR	Tupungato	0.96 AR	Añelo	0.96 AR	Tunuyán
AR	CoronelFelipeVarela	0.97 AR	General Lamadrid	0.95 AR	Vinchina	0.90 AR	Sanagasta
AR	CoronelPringles	0.96 AR	Picún Leufú	0.87 AR	Paraná	0.83 AR	Tupungato
AR	CoronelSuarez	0.86 CL	Valparaíso	0.86 AU	Mount Gambier	0.85 NZ	Nelson
AR	CruzdelEje	0.96 AR	Bélén	0.91 AR	San Carlos - Salta	0.89 AR	General Lamadrid
AR	Curaco	0.82 AR	Tandil	0.81 AR	Calingasta	0.80 AR	Picún Leufú
AR	Cushamen	0.81 AR	Colón - Cba	0.80 US	Siskiyou	0.79 US	Humboldt
AR	Daireaux	0.89 US	Alameda	0.89 US	Napa	0.83 US	Horse Heaven Hills
AR	DeLaCosta	1.00 AR	Godoy Cruz	1.00 AR	General Belgrano	1.00 AR	Villa Gesell
AR	Diamante	0.97 AR	Cachi	0.96 AR	Benito Juárez	0.96 AR	Godoy Cruz
AR	ElCarmen	0.89 AR	Adolfo Alsina	0.85 AR	Tumbaya	0.83 AR	Añelo
AR	ElCuy	0.96 AR	Picunches	0.92 AR	General Roca	0.90 AR	Humahuaca
AR	Famatina	0.96 AR	Cafayate	0.93 AR	Tafi del Valle	0.89 AR	Bélén
AR	Futaleufú	0.99 AR	Tasmania	0.97 CL	De Los Lagos	0.95 CL	Araucania
AR	GeneralAlvear	0.94 AR	San Martín - Mza	0.93 AR	Santa Rosa - Mza	0.87 AR	Junín - Mza
AR	GeneralBelgrano	1.00 AR	Villa Gesell	1.00 AR	Benito Juárez	1.00 AR	General Belgrano
AR	GeneralLamadrid	0.97 AR	Coronel Felipe Varela	0.93 AR	Sanagasta	0.93 AR	San Blas De Los Sauces
AR	GeneralPueyrredón	0.96 CL	De Los Lagos	0.94 CL	Valparaíso	0.93 AU	Adelaide Hills
AR	GeneralRoca	0.92 AR	El Cuy	0.88 AR	Avellaneda - Río Negro	0.84 AR	Picunches
AR	GodoyCruz	1.00 AR	General Belgrano	1.00 AR	Villa Gesell	1.00 AR	Benito Juárez
AR	Gualéguaychú	0.81 FR	Centre-Val de Loire	0.77 AR	Tornquist	0.53 FR	Pays de la Loire
AR	Guaymallén	0.93 AR	Maipú	0.88 AR	San Rafael	0.87 AR	San Javier
AR	Humahuaca	0.92 AR	Cachi	0.92 AR	Confluencia	0.92 AR	Añelo
AR	Iglesia	0.66 AR	Cachi	0.66 AR	Villa Gesell	0.66 AR	General Belgrano
AR	Ischilin	0.74 AR	Colón - Cba	0.72 US	Marín	0.71 AR	Collon Cura
AR	JunínBsAs	0.71 AR	Avellaneda - Río Negro	0.71 AR	Benito Juárez	0.71 AR	General Belgrano
AR	JuninMza	0.98 AR	Rivadavia - Mza	0.92 AR	San Martín - Mza	0.91 AR	Santa Rosa - Mza
AR	JunínSanLuis	0.64 AU	Canberra District (ACT)	0.61 AU	North East Victoria - other	0.61 AU	Central Victoria - other
AR	LaPaz	0.92 AR	Lavalle	0.91 AR	Santa Rosa - Mza	0.89 AR	Las Heras
AR	LaViña	0.99 AR	Molinos	0.98 AR	Luján de Cuyo	0.97 AR	Chos Malal
AR	Lacar	0.77 AR	Cushamen	0.71 US	Monterey	0.70 FR	Franche Comté
AR	Languíneo	0.91 US	Yolo	0.89 US	Lassen	0.89 AU	Cowra
AR	LasHeras	0.93 AR	Lavalle	0.91 AR	Santa Rosa - Mza	0.89 AR	Sarmiento - San Juan
AR	Lavalle	0.96 AR	Santa Rosa - Mza	0.93 AR	Las Heras	0.92 AR	La Paz
AR	LeandroAlem	0.83 AR	Veinticinco de Mayo -	0.83 AR	Capital Misiones	0.82 DE	Rheingau
AR	LujándezCuyo	0.99 AR	Tunuyán	0.99 AR	Molinos	0.99 AR	Chos Malal
AR	Maipú	0.96 AR	Luján de Cuyo	0.95 AR	Tunuyán	0.94 AR	Tupungato
AR	Molinos	0.99 AR	Luján de Cuyo	0.99 AR	San Carlos - Mza	0.99 AR	La Viña
AR	Nogoya	1.00 CH	Graubünden - Mesolcina	1.00 CH	Ticino	0.98 AR	Ñorquin
AR	Ñorquin	0.98 AR	Nogoya	0.98 CH	Graubünden - Mesolcina	0.98 CH	Ticino
AR	NuevedeJulio	0.98 AR	Pocito	0.98 AR	Veinticinco de Mayo - San	0.97 AR	Caucete
AR	Paraná	0.91 AR	Confluencia	0.89 AR	Victoria	0.89 AR	Tupungato
AR	Pehuenches	0.94 AR	Capayán	0.79 AR	Tupungato	0.78 AR	Valle Viejo
AR	PichiMahuida	0.82 AR	Conesa	0.67 AR	Las Heras	0.66 CL	Coquimbo
AR	PicúnLeufú	0.96 AR	Coronel Pringles	0.82 AR	Paraná	0.81 AR	Languíneo
AR	Picunches	0.96 AR	El Cuy	0.88 AR	Humahuaca	0.85 AR	Ñorquin
AR	Pocito	0.99 AR	Tinogasta	0.98 AR	Chimbas	0.98 AR	Santa Lucía
AR	Poman	0.68 AR	Rivadavia - San Juan	0.66 AR	Zonda	0.59 AR	Pehuenches

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI 2016

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

AR	Puelen	0.97 AR	Tunuyán	0.97 AR	Calamuchita	0.96 AR	Añelo
AR	Punilla	0.98 AR	Cachi	0.98 AR	Villa Gesell	0.98 AR	General Belgrano
AR	Rawson	0.98 AR	Santa Lucía	0.98 AR	Tinogasta	0.98 AR	Chimbas
AR	RivadaviaMza	0.98 AR	Junín - Mza	0.92 AR	San Martín - Mza	0.91 AR	Santa Rosa - Mza
AR	RivadaviaSanJuan	0.83 AR	Ullum	0.77 AR	Veinticinco de Mayo - San	0.77 AR	Zonda
AR	Saavedra	0.89 AU	South West Australia - other	0.89 LB	Lebanon	0.87 US	Sacramento
AR	SanAlberto	0.94 AR	Ayacucho	0.88 CL	Antofagasta	0.87 AR	Capital San Luis
AR	SanBlasDeLosSauces	0.96 AR	Trancas	0.94 AR	Sanagasta	0.93 AR	General Lamadrid
AR	SanCarlosMza	0.99 AR	Molinos	0.99 AR	Tunuyán	0.98 AR	Luján de Cuyo
AR	SanCarlosSalta	0.97 AR	Belén	0.91 AR	Cruz del Eje	0.88 AR	Famatina
AR	SanJavier	0.95 AR	Luján de Cuyo	0.95 AR	Tunuyán	0.94 AR	Molinos
AR	SanMartínMza	0.97 AR	Santa Rosa - Mza	0.94 AR	General Alvear	0.92 AR	Junín - Mza
AR	SanMartínSanJuan	0.98 AR	Caucete	0.97 AR	Veinticinco de Mayo - San	0.95 AR	Nueve de Julio
AR	SanRafael	0.91 AR	Rivadavia - Mza	0.89 AR	Junín - Mza	0.88 AR	La Paz
AR	Sanagasta	0.95 AR	Trancas	0.94 AR	San Blas De Los Sauces	0.93 AR	General Lamadrid
AR	SantaLucía	0.99 AR	Chimbas	0.98 AR	Rawson	0.98 AR	Tinogasta
AR	SantaMaríaCatamarca	0.86 AR	Tumbaya	0.86 AR	Cafayate	0.83 AR	Tafí del Valle
AR	SantaMaríaCba	0.92 AR	Calamuchita	0.92 AR	Calingasta	0.91 AR	Castro Barros
AR	SantaRosaCatamarca	0.98 AR	Santa Lucía	0.97 AR	Tinogasta	0.97 AR	Chimbas
AR	SantaRosaMza	0.97 AR	San Martín - Mza	0.96 AR	Lavalle	0.93 AR	General Alvear
AR	SarmientoChubut	0.99 CL	Araucania	0.98 US	Santa Cruz	0.95 US	Santa Barbara
AR	SarmientoSanJuan	0.96 AR	Veinticinco de Mayo - San	0.95 AR	Nueve de Julio	0.93 AR	Caucete
AR	TafidelValle	0.96 AR	Cafayate	0.94 AR	La Viña	0.93 AR	Famatina
AR	Tandil	0.87 AR	Villarino	0.83 AR	Calingasta	0.82 AR	Curaco
AR	Tilcara	0.95 AR	Punilla	0.95 AR	Cachi	0.93 AR	Tunuyán
AR	Tinogasta	0.99 AR	Chimbas	0.99 AR	Pocito	0.98 AR	Santa Lucia
AR	Tornquist	0.77 AR	Gualeguaychu	0.67 FR	Centre-Val de Loire	0.66 AR	Victoria
AR	Trancas	0.96 AR	San Blas De Los Sauces	0.95 AR	Sanagasta	0.91 AR	General Lamadrid
AR	Tulumba	0.94 AR	Calamuchita	0.93 AR	Afieló	0.89 AR	Confluencia
AR	Tumbaya	0.89 AR	Calingasta	0.86 CL	Metropolitana	0.86 US	Red Mountain
AR	Tunuyán	0.99 AR	Luján de Cuyo	0.99 AR	San Carlos - Mza	0.98 AR	Chos Malal
AR	Tupungato	0.97 AR	Tunuyán	0.96 AR	Confluencia	0.96 AR	Chos Malal
AR	Ullum	0.91 AR	Sarmiento - San Juan	0.88 AR	Veinticinco de Mayo - San	0.86 AR	Caucete
AR	Uruguay	0.91 US	Snipes Mountain	0.91 US	Sacramento	0.90 AU	South West Australia - other
AR	ValleFértil	0.89 CL	Antofagasta	0.82 AU	Easterly Plains, Inland and	0.80 AU	Southern Flinders Ranges
AR	ValleViejo	0.78 AR	Peñuenches	0.74 AR	Capayán	0.70 AR	Guaymallén
AR	VeinticincodeMayoMisiones	1.00 AR	Veinticinco de Mayo -	0.99 DE	Rheingau	0.98 DE	Mittelrhein
AR	VeinticincodeMayoSanJuan	0.98 AR	Nueve de Julio	0.97 AR	San Martín - San Juan	0.97 AR	Caucete
AR	Victoria	0.89 AR	Paraná	0.88 AR	Confluencia	0.87 AR	Colón - Entre Ríos
AR	VillaGesell	1.00 AR	Villa Gesell	1.00 AR	General Belgrano	1.00 AR	Godoy Cruz
AR	Villarino	0.87 AR	Tandil	0.80 AR	Concordia	0.78 AR	Colón - Entre Ríos
AR	Vinchina	0.95 AR	Coronel Felipe Varela	0.88 AR	General Lamadrid	0.86 AR	Sanagasta
AR	Zonda	0.77 AR	Rivadavia - San Juan	0.75 AR	Ullum	0.68 CL	Antofagasta
AM	Armenia	0.00 SI	Bela Krajina	0.00 US	Sacramento	0.00 US	Umpqua Valley
AU	AdelaideHills	0.96 CL	Valparaiso	0.94 AU	Pemberton	0.93 AR	General Pueyrredón
AU	AdelaidePlains	0.96 AU	Bendigo	0.96 AU	Pyrenees	0.95 AU	Goulburn Valley
AU	AlpineValleys	0.92 NZ	Hawkes Bay	0.92 AU	King Valley	0.87 AU	Southern Highlands
AU	Barossaother	0.98 AU	Mount Lofty Ranges - other	0.98 AU	McLaren Vale	0.97 AU	Barossa Valley
AU	BarossaValley	0.99 AU	McLaren Vale	0.99 AU	Southern Flinders Ranges	0.99 AU	Grampians
AU	Beechworth	0.93 AU	Sunbury	0.91 NZ	Waikato	0.90 US	Lake Chelan
AU	Bendigo	0.99 AU	Fleurieu - other	0.99 AU	Gundagai	0.99 AU	Mount Lofty Ranges - other
AU	BigRiversother	0.96 AU	Cowra	0.94 AU	Murray Darling (VIC)	0.94 AU	Murray Darling (NSW)
AU	BlackwoodValley	0.97 AU	Mount Benson	0.96 AU	Swan Hill (NSW)	0.96 AU	Great Southern
AU	CanberraDistrictACT	0.86 AU	Canberra District (NSW)	0.85 AU	The Peninsulas	0.85 AU	Goulburn Valley
AU	CanberraDistrictNSW	0.96 AU	Clare Valley	0.96 AU	The Peninsulas	0.95 AU	Bendigo
AU	CentralRangesother	0.99 AU	Currency Creek	0.98 AU	Port Phillip - other	0.98 AU	Langhorne Creek
AU	CentralVictoriaother	1.00 AU	Heathcote	0.99 AU	Grampians	0.99 AU	Southern Flinders Ranges
AU	CentralWesternAustralia	0.90 AU	Barossa Valley	0.90 AU	McLaren Vale	0.87 AU	Southern Flinders Ranges
AU	ClareValley	0.96 AU	Canberra District (NSW)	0.94 AU	The Peninsulas	0.92 AU	Eden Valley
AU	Coonawarra	0.98 US	Walla Walla Valley	0.97 US	Red Mountain	0.97 US	Columbia Valley
AU	Cowra	0.96 AU	Big Rivers - other	0.92 AU	Murray Darling (VIC)	0.90 NZ	Northland
AU	CurrencyCreek	0.99 AU	Langhorne Creek	0.99 AU	Central Ranges - other	0.98 AU	Hilltops
AU	EasternPlainsInlandandNor	0.99 AU	Southern Flinders Ranges	0.98 AU	Grampians	0.98 AU	Central Victoria - other
AU	EdenValley	0.92 AU	Clare Valley	0.90 AU	Canberra District (NSW)	0.90 AU	Far North - other
AU	FarNorthother	0.90 AU	Eden Valley	0.82 AU	Clare Valley	0.79 AU	Canberra District (NSW)
AU	Fleurieuother	0.99 AU	Bendigo	0.99 AU	Mount Lofty Ranges - other	0.99 AU	Gundagai
AU	Geelong	0.97 AU	Macedon Ranges	0.97 AU	Mornington Peninsula	0.96 AU	Gippsland
AU	Geographe	0.97 AU	Swan Hill (NSW)	0.96 AU	Goulburn Valley	0.95 AU	Great Southern
AU	Gippsland	0.99 AU	Macedon Ranges	0.99 AU	Yarra Valley	0.96 AU	Geelong
AU	Glenrowan	0.96 AU	Mount Lofty Ranges - other	0.96 AU	Central Ranges - other	0.96 AU	Currency Creek
AU	GoulburnValley	0.96 AU	Geographe	0.96 AU	Pyrenees	0.95 AU	Adelaide Plains
AU	Grampians	0.99 AU	Southern Flinders Ranges	0.99 AU	Heathcote	0.99 AU	Central Victoria - other
AU	GraniteBelt	0.95 AU	Geographe	0.94 AU	Goulburn Valley	0.94 AU	South Burnett
AU	GreatSouthern	0.97 AU	Swan Hill (NSW)	0.96 AU	Mount Benson	0.96 AU	Blackwood Valley
AU	GreaterPerthother	0.95 ZA	Cape South Coast	0.94 CL	Valparaiso	0.93 AU	Mount Gambier
AU	Gundagai	0.99 AU	Bendigo	0.99 AU	Fleurieu - other	0.99 AU	McLaren Vale
AU	HastingsRiver	0.82 AU	Shoalhaven Coast	0.68 AU	Cowra	0.68 NZ	Northland
AU	Heathcote	1.00 AU	Central Victoria - other	0.99 AU	Grampians	0.99 AU	Barossa Valley
AU	Henty	0.96 US	Santa Cruz	0.95 AU	Mornington Peninsula	0.95 AU	Tasmania
AU	Hilltops	0.99 AU	Langhorne Creek	0.98 AU	Currency Creek	0.98 AU	Central Ranges - other
AU	Hunter	0.93 AU	Hunter Valley - other	0.91 AU	Riverina	0.89 AU	South Burnett
AU	HunterValleyother	0.93 AU	Hunter	0.83 AU	South Burnett	0.82 AU	Queensland - other

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

AU	KangarooIsland	0.95 AU	Adelaide Plains	0.94 AU	Bendigo	0.94 AU	Currency Creek
AU	KingValley	0.92 AU	Alpine Valleys	0.85 CA	British Colombia	0.85 NZ	Hawkes Bay
AU	LanghorneCreek	0.99 AU	Currency Creek	0.99 AU	Hilltops	0.98 AU	Central Ranges - other
AU	LimestoneCoastother	0.99 AU	Wrattenbully	0.99 AU	Northern Slopes	0.98 AU	Robe
AU	LowerMurrayother	0.99 AU	Riverland	0.98 AU	Swan Hill (VIC)	0.96 AU	Padthaway
AU	MacedonRanges	0.99 AU	Gippsland	0.98 AU	Yarra Valley	0.97 AU	Geelong
AU	Manjimup	0.90 ZA	Cape South Coast	0.89 AU	Greater Perth - other	0.88 CL	Valparaiso
AU	MargaretRiver	0.93 AU	Blackwood Valley	0.92 AU	Swan Hill (NSW)	0.90 AU	Geographe
AU	McLarenVale	0.99 AU	Barossa Valley	0.99 AU	Bendigo	0.99 AU	Gundagai
AU	MorningtonPeninsula	0.97 US	Santa Cruz	0.97 AU	Geelong	0.96 AU	Tasmania
AU	MountBenson	0.97 AU	Blackwood Valley	0.97 AU	Swan Hill (NSW)	0.96 AU	Great Southern
AU	MountGambier	0.98 CL	Valparaiso	0.95 NZ	Nelson	0.93 AU	Greater Perth - other
AU	MountLoftyRangesother	0.99 AU	Bendigo	0.99 AU	Fleurieu - other	0.99 AU	McLaren Vale
AU	Mudgee	0.98 AU	Currency Creek	0.97 AU	Central Ranges - other	0.97 AU	Langhorne Creek
AU	MurrayDarlingNSW	0.96 AU	Murray Darling (VIC)	0.94 AU	Big Rivers - other	0.93 NZ	Auckland
AU	MurrayDarlingVIC	0.98 AU	Riverland	0.96 AU	Perricoota	0.96 AU	Lower Murray - other
AU	NewEnglandAustralia	0.90 AU	North West Victoria - other	0.86 AU	The Peninsulas	0.85 AU	Port Phillip - other
AU	NorthEastVictoriaother	0.98 AU	Bendigo	0.97 AU	Fleurieu - other	0.97 AU	Mount Lofty Ranges - other
AU	NorthWestVictoriaother	0.95 AU	The Peninsulas	0.95 AU	Fleurieu - other	0.95 AU	Central Ranges - other
AU	NorthernRiversother	0.61 AU	Hastings River	0.53 US	Illinois	0.51 US	Indiana
AU	NorthernSlopes	0.99 AU	Limestone Coast - other	0.98 AU	Wrattenbully	0.98 AU	Robe
AU	Orange	0.96 AU	Great Southern	0.95 AU	Goulburn Valley	0.95 AU	Geographe
AU	Padthaway	0.97 AU	Perricoota	0.97 AU	Riverland	0.96 AU	Lower Murray - other
AU	Peel	0.96 AU	Mudgee	0.94 AU	Geographe	0.93 AU	Langhorne Creek
AU	Pemberton	0.94 CL	Valparaiso	0.94 AU	Adelaide Hills	0.92 AR	General Pueyrredón
AU	Perricoota	0.98 AU	Riverland	0.97 AU	Padthaway	0.96 AU	Murray Darling (VIC)
AU	PerthHills	0.91 AU	Granite Belt	0.90 AU	Riverland	0.90 AU	South Burnett
AU	PortPhillipother	0.98 AU	Central Ranges - other	0.97 AU	Currency Creek	0.97 AU	Mudgee
AU	Pyrenees	0.96 AU	Bendigo	0.96 AU	Swan Hill (VIC)	0.96 AU	Fleurieu - other
AU	Queenslandother	0.98 AU	Central Victoria - other	0.97 AU	Heathcote	0.97 AU	Bendigo
AU	Riverina	0.95 AU	Murray Darling (VIC)	0.94 AU	Riverland	0.94 AU	Lower Murray - other
AU	Riverland	0.99 AU	Lower Murray - other	0.98 AU	Murray Darling (VIC)	0.95 AU	Perricoota
AU	Robe	0.99 AU	Wrattenbully	0.98 AU	Limestone Coast - other	0.98 AU	Northern Slopes
AU	Rutherford	0.84 AU	North East Victoria - other	0.83 AU	Queensland - other	0.80 AU	Heathcote
AU	ShoalhavenCoast	0.82 AU	Margaret River	0.82 AU	Hastings River	0.77 AU	South West Australia - other
AU	SouthBurnett	0.94 AU	Mudgee	0.94 AU	Granite Belt	0.94 AU	Swan Hill (NSW)
AU	SouthCoastother	0.88 NZ	Auckland	0.85 NZ	Northland	0.85 AU	Murray Darling (NSW)
AU	SouthWestAustraliaother	0.90 AR	Uruguay	0.89 US	Snipes Mountain	0.89 AR	Saavedra
AU	SouthernFleurieu	0.94 AU	Orange	0.94 AU	Pyrenees	0.94 AU	Goulburn Valley
AU	SouthernFlindersRanges	0.99 AU	Grampians	0.99 AU	Barossa Valley	0.99 AU	Central Victoria - other
AU	SouthernHighlands	0.89 AU	Upper Goulburn	0.88 AU	Adelaide Hills	0.87 AU	Alpine Valleys
AU	SouthernNSWother	0.97 AU	Hilltops	0.97 AU	Langhorne Creek	0.96 AU	Currency Creek
AU	StrathbogieRanges	0.96 AU	Yarra Valley	0.95 US	Santa Barbara	0.95 AU	Gippsland
AU	Sunbury	0.95 AU	Pyrenees	0.93 AU	Beechworth	0.92 AU	Southern Fleurieu
AU	SwanDistrict	0.72 ZA	Paarl	0.70 ZA	Swartland	0.70 AU	Perth Hills
AU	SwanHillNSW	0.97 AU	Geographe	0.97 AU	Mount Benson	0.97 AU	Great Southern
AU	SwanHillVIC	0.98 AU	Lower Murray - other	0.97 AU	Riverland	0.96 AU	Pyrenees
AU	Tasmania	0.99 AR	Futaleufu	0.96 CL	De Los Lagos	0.96 AU	Mornington Peninsula
AU	ThePeninsulas	0.98 AU	Central Ranges - other	0.97 AU	Mudgee	0.97 AU	Currency Creek
AU	Tumbarumba	0.99 FR	Bourgogne	0.98 US	Lassen	0.98 US	Santa Barbara
AU	UpperGoulburn	0.93 AU	Strathbogie Ranges	0.92 AU	Western Victoria - other	0.89 AU	Yarra Valley
AU	WesternAustraliaSoutheastCo	0.87 AU	Southern Fleurieu	0.84 AU	Sunbury	0.84 AU	Upper Goulburn
AU	WesternPlains	0.84 AU	Central Ranges - other	0.84 AU	Port Phillip - other	0.83 AU	The Peninsulas
AU	WesternVictoriaother	0.95 AU	Yarra Valley	0.92 AU	Upper Goulburn	0.91 AU	Strathbogie Ranges
AU	Wrattenbully	0.99 AU	Robe	0.99 AU	Limestone Coast - other	0.98 AU	Northern Slopes
AU	YarraValley	0.99 AU	Gippsland	0.98 AU	Macedon Ranges	0.96 AU	Strathbogie Ranges
AT	Bergland	0.76 AT	Wien	0.76 HU	Etyek-Budai	0.70 CZ	Jihovýchod
AT	Carnuntum	0.92 AT	Neusiedlersee	0.78 AT	Neusiedlersee Hügelland	0.76 AT	Wagram
AT	NeusiedlerseeHügelland	0.89 AT	Stüdburgenland	0.83 AT	Neusiedlersee	0.83 AT	Mittelburgenland
AT	Otherregions	0.99 AT	Kamptal	0.98 AT	Kremstal	0.98 AT	Wagram
AT	Steierlandother	0.58 EL	Voreio Aigao	0.45 AT	Vulkanland Steiermark	0.44 AT	Südsteiermark
AT	Südburgenland	0.89 HU	Sopron	0.89 AT	Neusiedlersee Hügelland	0.87 AT	Mittelburgenland
AT	Südsteiermark	0.91 AT	Vulkanland Steiermark	0.79 SI	Stajerska Slovenija	0.68 SI	Prekmurje
AT	Thermenregion	0.73 AT	Neusiedlersee	0.72 AT	Carnuntum	0.66 CZ	Jihovýchod
AT	Traisental	0.99 AT	Kremstal	0.99 AT	Kamptal	0.99 AT	Wagram
AT	VulkanlandSteiermark	0.91 AT	Südsteiermark	0.75 SI	Prekmurje	0.74 SI	Stajerska Slovenija
AT	Wachau	0.99 AT	Kremstal	0.98 AT	Kamptal	0.98 AT	Traisental
AT	Wagram	0.99 AT	Kamptal	0.99 AT	Kremstal	0.99 AT	Traisental
AT	Weinviertel	0.98 AT	Wagram	0.98 AT	Traisental	0.98 AT	Kamptal
AT	Weststeiermark	0.26 AT	Südsteiermark	0.23 AT	Vulkanland Steiermark	0.13 AT	Bergland
AT	Wien	0.94 AT	Other regions	0.94 AT	Wachau	0.93 AT	Kamptal
BR	Brazil	0.42 AR	Tornquist	0.41 UY	Tacuarembo	0.40 AR	Gualeguaychu
BG	NorthCentral	0.76 KZ	Almaty	0.75 UA	Ukraine	0.75 RU	Crimea
BG	Northeast	0.74 BG	Southeast	0.61 RS	Vranje	0.53 BG	North Central
BG	Northwest	0.85 BG	Southeast	0.82 BG	South Central	0.81 US	Wahluke Slope
BG	SouthCentral	0.89 BG	Southeast	0.83 FR	Aquitaine	0.82 BG	Northwest
BG	Southeast	0.89 BG	South Central	0.85 BG	Northwest	0.74 BG	Northeast
BG	Southwest	0.45 BG	Northwest	0.42 BG	South Central	0.42 BG	Southeast

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

KH	Cambodia	0.77 AU	Central Ranges - other	0.77 AU	Port Phillip - other	0.76 AU	North West Victoria - other
CA	BritishColombia	0.85 AU	King Valley	0.84 US	Siskiyou	0.82 NZ	Auckland
CA	NovaScotia	0.51 RO	Romania	0.50 US	Arizona	0.49 RS	Nišava
CA	Ontario	1.00 CA	Other regions	0.52 US	Seneca	0.50 US	Michigan
CA	Otherregions	1.00 CA	Ontario	0.52 US	Seneca	0.50 US	Michigan
CA	Quebec	0.62 US	Minnesota	0.59 US	Iowa	0.44 US	Illinois
CL	Antofagasta	0.91 AR	Ayacucho	0.89 AR	Valle Fértil	0.88 AR	San Alberto
CL	Araucania	0.99 AR	Sarmiento - Chubut	0.97 US	Santa Barbara	0.97 US	Santa Cruz
CL	Arica	0.67 CL	Del Bio Bio	0.38 US	Placer	0.35 CL	Tarapaca
CL	Atacama	0.96 CL	Coquimbo	0.54 AR	Pichi Mahuida	0.47 AR	Las Heras
CL	Coquimbo	0.96 CL	Atacama	0.66 AR	Pichi Mahuida	0.52 AR	Las Heras
CL	DeLosLagos	0.97 AR	Futaleufu	0.96 AU	Tasmania	0.96 AR	General Pueyrredón
CL	DelBioBio	0.67 CL	Arica	0.53 AR	Poman	0.52 AR	Rivadavia - San Juan
CL	DelMaule	0.91 CL	O'Higgins	0.90 US	Lake	0.89 CL	Metropolitana
CL	Metropolitana	0.98 CL	O'Higgins	0.98 US	Columbia Valley	0.98 US	Red Mountain
CL	OHiggins	0.98 CL	Metropolitana	0.94 US	Columbia Valley	0.93 US	Red Mountain
CL	Tarapaca	0.37 AR	Sanagasta	0.35 CL	Arica	0.34 AR	San Blas De Los Sauces
CL	Valparaiso	0.98 AU	Mount Gambier	0.96 AU	Adelaide Hills	0.94 AU	Pemberton
CN	China	0.94 US	West Texas	0.94 UY	Lavalleja	0.87 FR	Limousin
HR	JadranskaHrvatska	0.46 SI	Vipavsk dolina	0.40 SI	Slovenska Istra	0.31 FR	Aquitaine
HR	KontinentalnaHrvatska	0.95 HU	Balatonfured-Csopak	0.94 HU	Balatonfelvidek	0.93 HU	Badacsony
CY	Cyprus	0.00 HU	Badacsony	0.00 AR	Cushamen	0.00 AR	San Carlos - Salta
CZ	Cechy	0.91 CZ	Severozápad	0.89 CZ	Praha	0.80 DE	Sachsen
CZ	Jihovýchod	0.78 CZ	Morava	0.73 AT	Neusiedlersee Hügelland	0.71 AT	Wien
CZ	Morava	0.78 CZ	Jihovýchod	0.78 CZ	Cechy	0.78 CZ	Severozápad
CZ	Praha	0.89 CZ	Cechy	0.86 DE	Nahe	0.84 DE	Hessische Bergstraße
CZ	Severozápad	0.91 CZ	Cechy	0.80 LU	Luxembourg	0.79 CZ	Praha
ET	Ethiopia	0.84 IT	Toscana	0.55 FR	Corse	0.52 IT	Umbria
FR	Alsace	0.74 DE	Hessische Bergstraße	0.67 CZ	Cechy	0.66 DE	Mittelrhein
FR	Aquitaine	0.95 US	Shasta	0.93 CH	Ticino	0.93 CH	Graubünden - Mesolcina
FR	Auvergne	0.76 CH	Geneva	0.72 FR	Lorraine	0.70 FR	Rhône Alpes
FR	Bourgogne	0.99 AU	Tumbarumba	0.98 US	Lassen	0.95 US	Santa Barbara
FR	CentreValdeLoire	0.81 AR	Gualeguaychu	0.69 NZ	Marlborough	0.67 AR	Tornquist
FR	ChampagneArdenne	0.92 UK	UnitedKingdom	0.86 AU	Henty	0.85 FR	Île de France
FR	Corse	0.69 IT	Toscana	0.55 ET	Ethiopia	0.53 US	Tuolumne
FR	FrancheComté	0.87 US	Lassen	0.84 AR	Languïne	0.84 FR	Bourgogne
FR	ÎledeFrance	0.85 FR	Champagne-Ardenne	0.79 FR	Picardie	0.70 US	Umpqua Valley
FR	LanguedocRoussillon	0.81 FR	Provence-Alpes-Cote d'Azur	0.79 DZ	Algeria	0.73 AU	Perth Hills
FR	Limousin	0.95 US	Orange	0.94 US	West Texas	0.89 KZ	West Kazakhstan
FR	Lorraine	0.73 US	North Willamette Valley	0.72 NZ	Otago	0.72 FR	Auvergne
FR	MidiPyrénées	0.56 ZA	Little Karoo	0.56 ZA	Robertson	0.53 AR	Colón - Entre Ríos
FR	PaysdelaLoire	0.56 FR	Centre-Val de Loire	0.55 AR	Tornquist	0.53 AR	Gualeguaychu
FR	Picardie	0.79 FR	Île de France	0.73 FR	Champagne-Ardenne	0.51 UK	UnitedKingdom
FR	PoitouCharentes	0.67 IT	Lazio	0.51 IT	Puglia	0.50 IT	Umbria
FR	ProvenceAlpesCotedAzur	0.83 ES	Aragón	0.81 FR	Languedoc Roussillon	0.71 IT	Sardegna
FR	RhôneAlpes	0.70 FR	Auvergne	0.58 CH	Geneva	0.55 FR	Provence-Alpes-Cote d'Azur
GE	Georgia	0.93 KZ	Almaty	0.77 KZ	South Kazakhstan	0.73 BG	North Central
DE	Ahr	0.98 CH	Graubünden - other	0.97 NZ	Otago	0.97 US	Umpqua Valley
DE	Baden	0.92 CH	Basel Stadt	0.92 CH	Zürich	0.92 CH	Thurgau
DE	Franken	0.73 DE	Saale	0.71 DE	Rheinhessen	0.70 CH	Appenzell Innerrhoden
DE	HessischeBergstraße	0.97 DE	Mittelrhein	0.96 DE	Rheingau	0.96 DE	Mosel
DE	Mittelrhein	1.00 DE	Rheingau	0.99 DE	Mosel	0.98 AR	Veinticinco de Mayo -
DE	Mosel	0.99 DE	Mittelrhein	0.97 DE	Rheingau	0.97 AR	Veinticinco de Mayo -
DE	Nahe	0.96 DE	Pfalz	0.92 DE	Rheinhessen	0.91 DE	Hessische Bergstraße
DE	Pfalz	0.96 DE	Nahe	0.92 DE	Rheinhessen	0.87 DE	Hessische Bergstraße
DE	Rheingau	1.00 DE	Mittelrhein	0.99 AR	Capital Misiones	0.99 AR	Veinticinco de Mayo -
DE	Rheinhessen	0.92 DE	Nahe	0.92 DE	Pfalz	0.86 DE	Saale
DE	Saale	0.87 DE	Sachsen	0.86 DE	Rheinhessen	0.77 DE	Nahe
DE	Sachsen	0.87 DE	Saale	0.84 CZ	Praha	0.84 DE	Nahe
DE	Württemberg	0.59 DE	Hessische Bergstraße	0.56 DE	Mittelrhein	0.56 DE	Rheingau
EL	AnatolikiMakedoniaThraki	0.85 AR	Saavedra	0.82 ZA	Stellenbosch	0.81 AU	Alpine Valleys
EL	Attiki	0.97 EL	Stereia Ellada	0.15 EL	Peloponnisos	0.10 EL	Ionia Nisia
EL	DytikiEllada	0.53 EL	Peloponnisos	0.34 EL	Kentriki Makedonia	0.33 EL	Thessalia
EL	DytikiMakedonia	0.76 EL	Kentriki Makedonia	0.17 AU	Northern Slopes	0.16 AU	Limestone Coast - other
EL	IoniaNisia	0.85 US	Wayne	0.84 HU	Zala	0.77 RO	Romania
EL	Ipeiros	0.94 US	Red Mountain	0.93 CL	Metropolitana	0.93 US	Columbia Valley
EL	KentrikiMakedonia	0.76 EL	Dytiki Makedonia	0.58 US	Shasta	0.58 AU	South West Australia - other
EL	Kriti	0.09 HU	Zala	0.09 EL	Ionia Nisia	0.08 US	Wayne
EL	NotioAigaio	0.13 EL	Kentriki Makedonia	0.12 EL	Anatoliki Makedonia, Thraki	0.11 EL	Stereia Ellada
EL	Peloponnisos	0.53 EL	Dytiki Ellada	0.26 EL	Stereia Ellada	0.23 EL	Kentriki Makedonia
EL	StereiaEllada	0.97 EL	Attiki	0.26 EL	Peloponnisos	0.26 EL	Dytiki Ellada
EL	Thessalia	0.62 UY	Montevideo	0.52 UY	Canelones	0.51 UY	San Jose
EL	VoreioAigaio	0.58 AT	Steirerland - other	0.54 IT	Piemonte	0.50 MX	Zacatecas
HU	Badacsony	0.97 HU	Balatonfured-Csopak	0.95 HU	Balatonfured-Csopak	0.93 HR	Kontinentalna Hrvatska
HU	Balatonboglar	0.84 HU	Etyek-Budai	0.81 HU	Tolna	0.80 HU	Pecs
HU	Balatonfured	0.97 HU	Badacsony	0.96 HU	Balatonfured-Csopak	0.94 HR	Kontinentalna Hrvatska
HU	BalatonfuredCsopak	0.96 HU	Balatonfured	0.95 HU	Badacsony	0.95 HR	Kontinentalna Hrvatska
HU	Bukk	0.80 HU	Eger	0.74 AT	Südburgenland	0.73 AT	Neusiedlersee Hügelland
HU	Csongrad	0.81 AT	Südburgenland	0.80 HU	Sopron	0.79 AT	Mittelburgenland
HU	Eger	0.90 HU	Szekszard	0.81 HU	Sopron	0.80 HU	Bukk
HU	EtyekBudai	0.84 HU	Balatonboglar	0.81 HU	Pecs	0.81 HU	Neszmely
HU	Hajosbajai	0.79 HU	Csongrad	0.74 HU	Kunsag	0.70 HU	Tolna

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

HU	Kunsag	0.74 HU	Hajos-bajai	0.59 HU	Csongrad	0.43 RU	Rostov Oblast
HU	Matra	0.73 HU	Pecs	0.70 HU	Tolna	0.66 HU	Balatonboglar
HU	Mor	0.72 HU	Neszmely	0.54 HU	Etyek-Budai	0.49 HU	Pecs
HU	NagySomlo	0.78 SI	Prekmurje	0.72 SI	Stajerska Slovenija	0.71 RS	South Banat
HU	Neszmely	0.81 HU	Etyek-Budai	0.80 NZ	Gisborne	0.79 IT	Trento
HU	Pannonhalma	0.86 HU	Balatonfured-Csopak	0.84 HU	Balatonfelvidek	0.83 HR	Kontinentalna Hrvatska
HU	Pecs	0.81 HU	Etyek-Budai	0.80 HU	Balatonboglar	0.78 HU	Tolna
HU	Sopron	0.97 AT	Mittelburgenland	0.89 AT	Stidburgenland	0.84 HU	Szekszard
HU	Szekszard	0.90 HU	Eger	0.84 HU	Sopron	0.81 AT	Mittelburgenland
HU	Tokaj	0.36 HU	Nagy-Somlo	0.27 SI	Stajerska Slovenija	0.15 SI	Prekmurje
HU	Tolna	0.82 AT	Neusiedlersee Hügelland	0.81 HU	Balatonboglar	0.78 HU	Pecs
HU	Villany	0.77 HU	Szekszard	0.73 HU	Eger	0.66 US	Wahluke Slope
HU	Zala	0.87 US	Wayne	0.84 EL	Ionia Nisia	0.83 RO	Romania
IN	India	0.80 TR	Aegean	0.75 MX	Sonora	0.54 MM	Myanmar
IL	Israel	0.74 US	Wahluke Slope	0.74 US	San Diego	0.73 DZ	Algeria
IT	Abruzzo	0.98 IT	Molise	0.58 IT	Marche	0.44 IT	Puglia
IT	Basilicata	0.86 IT	Campania	0.15 IT	Puglia	0.14 IT	Toscana
IT	BolzanoBozen	0.65 CA	British Colombia	0.61 HU	Neszmely	0.60 IT	Trento
IT	Calabria	0.19 IT	Lombardia	0.11 IT	Campania	0.09 IT	Basilicata
IT	Campania	0.86 IT	Basilicata	0.19 IT	Lazio	0.17 IT	Puglia
IT	EmiliaRomagna	0.20 ES	Principado de Asturias	0.20 US	Arizona	0.20 RS	Nišava
IT	FriuliVeneziaGiulia	0.68 US	Naches Heights	0.66 AU	King Valley	0.66 CA	British Colombia
IT	Lazio	0.67 FR	Poitou Charentes	0.51 IT	Umbria	0.51 IT	Puglia
IT	Liguria	0.57 IT	Sardegna	0.38 FR	Corse	0.37 US	Wayne
IT	Lombardia	0.64 US	Santa Barbara	0.62 US	Monterey	0.62 AU	Tumbarumba
IT	Marche	0.59 IT	Molise	0.58 IT	Abruzzo	0.57 IT	Toscana
IT	Molise	0.98 IT	Abruzzo	0.59 IT	Marche	0.42 IT	Puglia
IT	Piemonte	0.54 EL	Voreio Aigaio	0.42 AT	Steirerland - other	0.39 IT	Lombardia
IT	Puglia	0.63 IT	Umbria	0.58 IT	Toscana	0.56 IT	Marche
IT	Sardegna	0.71 FR	Provence-Alpes-Côte d'Azur	0.64 ES	Aragón	0.57 IT	Liguria
IT	Sicilia	0.23 AU	Murray Darling (NSW)	0.23 NZ	Auckland	0.23 AU	Murray Darling (VIC)
IT	Toscana	0.84 ET	Ethiopia	0.70 IT	Umbria	0.69 FR	Corse
IT	Trento	0.89 NZ	Gisborne	0.81 US	Yolo	0.79 HU	Neszmely
IT	Umbria	0.70 IT	Toscana	0.63 IT	Puglia	0.52 ET	Ethiopia
IT	ValledAosta	0.44 US	Columbia Gorge	0.41 RS	Mlava	0.41 US	Rogue Valley
IT	Veneto	0.49 IT	Friuli-Venezia Giulia	0.48 RS	Belgrade	0.48 US	Arizona
JP	Hokkaido	0.67 US	Ontario	0.66 JP	Iwate	0.54 US	Niagara
JP	Iwate	0.66 JP	Hokkaido	0.39 US	Ontario	0.36 RS	Negotinska Krajina
JP	Nagano	0.91 US	Niagara	0.81 US	Chautauqua	0.81 US	Pennsylvania
JP	Niigata	0.77 US	Suffolk	0.73 AR	Uruguay	0.67 RS	Telečka
JP	Otherregions	0.87 JP	Yamanashi	0.61 JP	Yamagata	0.51 JP	Nagano
JP	Yamagata	0.61 JP	Other regions	0.46 JP	Niigata	0.45 JP	Hokkaido
JP	Yamanashi	0.87 JP	Other regions	0.35 JP	Yamagata	0.26 JP	Niigata
KZ	Almaty	0.93 GE	Georgia	0.83 KZ	South Kazakhstan	0.76 BG	North Central
KZ	EastKazakhstan	0.87 KZ	West Kazakhstan	0.86 ES	Principado de Asturias	0.86 US	Arizona
KZ	Otherregions	0.84 KZ	East Kazakhstan	0.70 RO	Romania	0.69 US	Arizona
KZ	SouthKazakhstan	0.83 KZ	Almaty	0.77 GE	Georgia	0.63 BG	North Central
KZ	WestKazakhstan	0.92 UY	Soriano	0.92 US	North Carolina	0.92 US	Arkansas
KZ	Zhambyl	0.76 US	Wayne	0.75 EL	Ionia Nisia	0.75 HU	Zala
KR	KoreaRep	0.29 JP	Other regions	0.25 US	Orange	0.25 JP	Yamanashi
LB	Lebanon	0.89 AR	Saavedra	0.88 US	Sacramento	0.87 US	Alameda
LU	Luxembourg	0.80 DE	Sachsen	0.80 CZ	Severozápad	0.77 CZ	Praha
MX	Aguascalientes	0.53 DZ	Algeria	0.39 IL	Israel	0.26 FR	Languedoc Roussillon
MX	BajaCalifornia	0.81 CN	China	0.80 UY	Lavalleja	0.80 US	Texas High Plains and
MX	Coahuila	0.60 US	Wahluke Slope	0.58 US	Red Mountain	0.58 US	Walla Walla Valley
MX	Sonora	0.76 TR	Aegean	0.75 IN	India	0.13 TN	Tunisia
MX	Zacatecas	0.81 AR	Capital Santiago del Estero	0.50 EL	Voreio Aigaio	0.40 AT	Steirerland - other
MD	Moldova	0.65 RU	Crimea	0.65 UA	Ukraine	0.62 AR	Saavedra
MA	Morocco	1.00 MA	Morocco	0.53 PE	Tacna	0.40 PE	Moquegua
MM	Myamar	0.80 AU	Adelaide Plains	0.80 ZA	Cape South Coast	0.79 AU	Western Australia Southeast
NZ	Auckland	0.93 AU	Murray Darling (NSW)	0.91 NZ	Northland	0.91 AU	Big Rivers - other
NZ	Canterbury	0.95 NZ	Waipara	0.95 NZ	Wairarapa	0.91 AU	Tasmania
NZ	Gisborne	0.94 US	Yolo	0.89 IT	Trento	0.89 AR	Languïñeo
NZ	HawkesBay	0.92 AU	Alpine Valleys	0.87 AR	Saavedra	0.85 AU	King Valley
NZ	Marlborough	0.94 NZ	Nelson	0.91 AU	Mount Gambier	0.86 AU	Greater Perth - other
NZ	Nelson	0.95 AU	Mount Gambier	0.94 NZ	Marlborough	0.91 CL	Valparaiso
NZ	Northland	0.93 AU	Big Rivers - other	0.91 NZ	Auckland	0.90 AU	Cowra
NZ	Otago	1.00 US	North Willamette Valley	0.99 US	Umpqua Valley	0.99 CH	Graubünden - other
NZ	Waikato	0.95 AU	Macedon Ranges	0.93 AU	Gippsland	0.93 AU	Strathbogie Ranges
NZ	Waipara	0.95 NZ	Canterbury	0.87 NZ	Wairarapa	0.86 NZ	Nelson
NZ	Wairarapa	0.95 NZ	Canterbury	0.91 CL	De Los Lagos	0.88 AU	Tasmania
MK	NorthMacedon	0.32 BG	Northeast	0.23 BG	Southeast	0.18 BG	South Central
NO	Norway	0.44 CH	Owalden	0.34 CH	Zug	0.25 CH	Lucerne
PE	Arequipa	0.79 PT	Madeira	0.69 PE	Moquegua	0.47 PE	Tacna
PE	Lima	0.62 HU	Sopron	0.58 AT	Mittelburgenland	0.55 AT	Südburgenland
PE	Moquegua	0.94 PE	Tacna	0.69 PE	Arequipa	0.65 PT	Madeira
PE	Tacna	0.94 PE	Moquegua	0.53 TN	Tunisia	0.53 MA	Morocco
PT	Acores	0.17 PT	Centro	0.16 PT	Norte	0.15 PT	Lisboa
PT	Alentejo	0.70 PT	Centro	0.62 ES	País Vasco	0.61 ES	La Rioja
PT	Algarve	0.64 PT	Lisboa	0.60 PT	Alentejo	0.58 PT	Centro
PT	Centro	0.70 PT	Alentejo	0.70 PT	Norte	0.58 PT	Algarve
PT	Lisboa	0.64 PT	Algarve	0.53 PT	Centro	0.51 PT	Alentejo

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PT	Madeira	0.79 PE	Arequipa	0.65 PE	Moquegua	0.42 PT	Algarve
PT	Norte	0.70 PT	Centro	0.52 PT	Aentejo	0.39 ES	Páis Vasco
RO	Romania	0.90 US	Arizona	0.88 RS	Nišava	0.87 ES	Principado de Asturias
RU	Crimea	1.00 UA	Ukraine	0.75 BG	North Central	0.65 MD	Moldova
RU	KrasnodarKrai	0.74 US	Horse Heaven Hills	0.74 US	Napa	0.71 US	Wahluke Slope
RU	RostovOblast	0.51 UA	Ukraine	0.51 RU	Crimea	0.48 KZ	Almaty
RS	Bačka	0.79 RS	Srem	0.76 RS	Telečka	0.75 RS	Vranje
RS	Banat	0.88 RS	Belgrade	0.87 RS	Knjaževac	0.87 RS	Mlava
RS	Belgrade	0.89 RS	Šumadija	0.88 RS	Banat	0.87 RS	Niš
RS	ČačakKraljevo	0.79 RS	Toplica	0.64 RS	Niš	0.62 RS	Tri Morave
RS	Knjaževac	0.89 RS	Srem	0.87 RS	Banat	0.83 RS	Tri Morave
RS	Leskovac	0.85 RS	Negotinska Krajina	0.78 US	Snipes Mountain	0.77 US	Colorado
RS	Mlava	0.87 RS	Banat	0.86 RS	Belgrade	0.82 RS	Srem
RS	NegotinskaKrajina	0.85 RS	Leskovac	0.80 RS	Knjaževac	0.75 US	Michigan
RS	Niš	0.91 RS	Tri Morave	0.87 RS	Belgrade	0.84 US	North Carolina
RS	Nišava	1.00 ES	Principado de Asturias	1.00 US	Arizona	0.97 US	North Carolina
RS	SouthBanat	0.89 SI	Prekmurje	0.89 HR	Kontinentalna Hrvatska	0.84 HU	Badaesony
RS	Srem	0.89 RS	Knjaževac	0.87 RS	Telečka	0.85 RS	Belgrade
RS	Subotica	0.89 RS	Telečka	0.80 RS	Srem	0.76 EL	Anatoliki Makedonia, Thraki
RS	Šumadija	0.89 RS	Belgrade	0.84 RS	Banat	0.81 RS	Mlava
RS	Telečka	0.89 RS	Subotica	0.87 RS	Srem	0.85 US	Colorado
RS	Tisa	0.59 AR	Veinticinco de Mayo -	0.59 AR	Capital Misiones	0.58 DE	Rheingau
RS	Toplica	0.79 RS	Čačak-Kraljevo	0.60 US	Napa	0.60 US	Horse Heaven Hills
RS	TriMorave	0.91 RS	Niš	0.87 RS	Banat	0.86 CN	China
RS	Valjevo	0.80 RS	Belgrade	0.77 RS	Niš	0.77 RS	Telečka
RS	Vranje	0.75 LB	Lebanon	0.75 RS	Bačka	0.75 US	Yolo
SK	Bratislavskýkraj	0.83 SK	Západné Slovensko	0.78 AT	Weinviertel	0.77 AT	Other regions
SK	StrednéSlovensko	0.76 RS	Knjaževac	0.75 RO	Romania	0.74 SI	Bela Krajina
SK	VýchodnéSlovensko	0.85 HU	Balatonfured-Csopak	0.84 HR	Kontinentalna Hrvatska	0.80 AT	Südburgenland
SK	ZápadnéSlovensko	0.83 SK	Bratislavský kraj	0.71 AT	Other regions	0.69 AT	Neusiedlersee Hügelland
SI	BelaKrajina	0.86 SI	Bizeljsko Sremic	0.78 AT	Südburgenland	0.74 SK	Stredné Slovensko
SI	BizeljskoSremic	0.86 SI	Bela Krajina	0.84 SI	Dolenjska	0.75 AT	Südburgenland
SI	Dolenjska	0.84 SI	Bizeljsko Sremic	0.66 SI	Bela Krajina	0.46 AT	Südburgenland
SI	Goriskabrdna	0.75 SI	Vipavsko dolina	0.70 NZ	Hawkes Bay	0.68 US	Sacramento
SI	Kras	0.86 SI	Slovenska Istra	0.15 SI	Vipavsko dolina	0.08 SI	Goriska brda
SI	Prekmurje	0.92 SI	Stajerska Slovenija	0.89 RS	South Banat	0.87 HR	Kontinentalna Hrvatska
SI	Slovenskalistra	0.86 SI	Kras	0.40 HR	Jadranska Hrvatska	0.37 SI	Vipavsko dolina
SI	StajerskaSlovenija	0.92 SI	Prekmurje	0.79 AT	Südsteiermark	0.75 RS	South Banat
SI	Vipavskadolina	0.75 SI	Goriska brda	0.73 AR	Saavedra	0.70 NZ	Hawkes Bay
ZA	Breedekloof	0.97 ZA	Worcester	0.95 ZA	Olifants River	0.89 ZA	Robertson
ZA	CapeSouthCoast	0.95 AU	Greater Perth - other	0.94 CL	Valparaiso	0.93 AU	Adelaide Hills
ZA	LittleKaroo	0.96 ZA	Northern Cape	0.94 ZA	Olifants River	0.88 ZA	Worcester
ZA	NorthernCape	0.96 ZA	Little Karoo	0.90 ZA	Olifants River	0.81 ZA	Worcester
ZA	OlifantsRiver	0.98 ZA	Worcester	0.95 ZA	Breedekloof	0.94 ZA	Little Karoo
ZA	Paarl	0.99 ZA	Swartland	0.88 ZA	Stellenbosch	0.81 ZA	Breedekloof
ZA	Robertson	0.89 ZA	Breedekloof	0.84 ZA	Worcester	0.82 ZA	Olifants River
ZA	Stellenbosch	0.88 ZA	Paarl	0.88 AU	Blackwood Valley	0.88 ZA	Swartland
ZA	Swartland	0.99 ZA	Paarl	0.88 ZA	Stellenbosch	0.81 ZA	Breedekloof
ZA	Worcester	0.98 ZA	Olifants River	0.97 ZA	Breedekloof	0.88 ZA	Little Karoo
ES	Andalucía	0.61 ES	Canarias	0.37 ES	Cantabria	0.37 MX	Coahuila
ES	Aragón	0.83 FR	Provence-Alpes-Côte d'Azur	0.68 ES	Comunidad Foral de Navarra	0.64 FR	Languedoc Roussillon
ES	Canarias	0.61 ES	Andalucía	0.45 MX	Coahuila	0.41 ES	Cantabria
ES	Cantabria	0.70 ES	Galicia	0.41 ES	Canarias	0.37 ES	Andalucía
ES	CastillayLeón	0.93 ES	La Rioja	0.92 ES	Páis Vasco	0.90 ES	Comunidad Foral de Navarra
ES	CastillaLaMancha	0.92 ES	Comunidad de Madrid	0.34 ES	Comunidad Foral de Navarra	0.33 ES	La Rioja
ES	Cataluña	0.43 ES	Aragón	0.36 FR	Languedoc Roussillon	0.31 AU	Perth Hills
ES	ComunidaddeMadrid	0.92 ES	Castilla-La Mancha	0.33 ES	Aragón	0.30 FR	Provence-Alpes-Côte d'Azur
ES	ComunidadForaldeNavarra	0.95 ES	La Rioja	0.92 ES	Páis Vasco	0.90 ES	Castilla y León
ES	ComunidadValenciana	0.26 ES	Comunidad Foral de Navarra	0.26 ES	Castilla-La Mancha	0.25 ES	La Rioja
ES	Extremadura	0.53 ES	La Rioja	0.53 ES	Páis Vasco	0.51 ES	Comunidad Foral de Navarra
ES	Galicia	0.70 ES	Cantabria	0.60 US	Arizona	0.59 RS	Nišava
ES	IllesBalears	0.65 US	Wahluke Slope	0.65 AU	Limestone Coast - other	0.64 US	Snipes Mountain
ES	LaRioja	0.99 ES	Páis Vasco	0.95 ES	Comunidad Foral de Navarra	0.93 ES	Castilla y León
ES	PáisVasco	0.99 ES	La Rioja	0.92 ES	Comunidad Foral de Navarra	0.92 ES	Castilla y León
ES	PrincipadodeAsturias	1.00 US	Arizona	1.00 RS	Nišava	0.98 US	North Carolina
ES	RegióndeMurcia	0.31 US	Contra Costa	0.27 ES	Illes Balears	0.26 US	Texas High Plains and
CH	Aargau	1.00 CH	Zürich	1.00 CH	Thurgau	0.99 CH	Glarus
CH	AppenzellAusserrhoden	0.97 CH	Aargau	0.97 CH	Thurgau	0.97 CH	Zürich
CH	AppenzellInnerrhoden	0.87 CH	Nidwalden	0.76 CZ	Severozápad	0.70 DE	Franken
CH	BaselLand	1.00 CH	Schaffhausen	1.00 CH	St. Gallen	0.99 CH	Aargau
CH	BaselStadt	0.98 CH	Glarus	0.97 CH	Aargau	0.97 CH	Schaffhausen
CH	Fribourg	0.96 CH	Lac de Bienné	0.91 CH	Vaud	0.87 CH	Neuchâtel
CH	Geneva	0.76 FR	Auvergne	0.75 CH	Vaud	0.74 CH	Valais
CH	Glarus	0.99 CH	Aargau	0.99 CH	St. Gallen	0.99 CH	Schaffhausen
CH	GraubündenMesolcina	1.00 CH	Ticino	1.00 AR	Nogoya	0.98 AR	Norquin
CH	Graubündenother	0.99 CH	St. Gallen	0.99 CH	Schaffhausen	0.99 US	Umpqua Valley
CH	Jura	0.43 LU	Luxembourg	0.39 DE	Sachsen	0.38 DE	Saale
CH	LacdeBienne	0.97 CH	Neuchâtel	0.96 CH	Fribourg	0.91 CH	Valais
CH	Lucerne	0.89 CH	Thunersee	0.89 CH	Solothurn	0.89 CH	Thurgau
CH	Neuchâtel	0.97 CH	Lac de Bienné	0.92 CH	Valais	0.88 CH	Basel Land
CH	Nidwalden	0.94 CH	Thunersee	0.87 CH	Appenzell Innerrhoden	0.86 CH	Zug
CH	Otherregions	0.88 CH	Solothurn	0.84 CH	Thurgau	0.84 CH	Basel Land

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

CH	Owalden	0.46 CH	Other regions	0.44 NO	Norway	0.22 CH	Lucerne
CH	Schaffhausen	1.00 CH	St. Gallen	1.00 CH	Basel Land	0.99 CH	Graubünden - other
CH	Schwyz	0.98 CH	Zürich	0.97 CH	Thurgau	0.97 CH	Glarus
CH	Solothurn	0.94 CH	Thurgau	0.94 CH	Zürich	0.93 CH	Aargau
CH	StGallen	1.00 CH	Schaffhausen	1.00 CH	Basel Land	0.99 CH	Graubünden - other
CH	Thunersee	0.94 CH	Nidwalden	0.92 CH	Thurgau	0.90 CH	Zürich
CH	Thurgau	1.00 CH	Zürich	1.00 CH	Aargau	0.98 CH	Glarus
CH	Ticino	1.00 CH	Graubünden - Mesolcina	1.00 AR	Nogoya	0.98 AR	Ñorquin
CH	Uri	0.96 NZ	Otago	0.96 US	North Willamette Valley	0.95 US	Umpqua Valley
CH	Valais	0.92 CH	Neuchâtel	0.91 CH	Lac de Bièvre	0.84 CH	Fribourg
CH	Vaud	0.91 CH	Fribourg	0.79 CH	Lac de Bièvre	0.75 CH	Geneva
CH	Zug	0.87 CH	Lucerne	0.86 CH	Nidwalden	0.86 CH	Thunersee
CH	Zürich	1.00 CH	Aargau	1.00 CH	Thurgau	0.99 CH	Glarus
TW	Taiwan	0.52 KH	Cambodia	0.16 TH	Thailand	0.07 JP	Nagano
TH	Thailand	0.77 AU	Southern Flinders Ranges	0.77 AU	Eastern Plains, Inland and	0.77 AU	Grampians
TN	Tunisia	1.00 TN	Tunisia	0.53 PE	Tacna	0.40 PE	Moquegua
TR	Aegean	0.80 IN	India	0.76 MX	Sonora	0.49 TR	Central North
TR	CentralEast	0.20 TR	Mediterranean	0.12 TR	Aegean	0.12 TR	Central North
TR	CentralNorth	0.77 AU	Eastern Plains, Inland and	0.75 AU	Southern Flinders Ranges	0.75 AU	Grampians
TR	CentralSouth	0.07 TR	Central North	0.06 TR	Aegean	0.06 TR	Mediterranean
TR	Marmara	0.38 AU	Manjimup	0.35 AU	Hunter	0.34 TN	Tunisia
TR	Mediterranean	0.83 AR	Saavedra	0.80 LB	Lebanon	0.78 AU	Margaret River
TR	SouthEast	0.40 TR	Central North	0.29 TR	Mediterranean	0.19 TR	Aegean
UA	Ukraine	1.00 RU	Crimea	0.75 BG	North Central	0.65 MD	Moldova
UK	UnitedKingdom	0.93 AR	Sarmiento - Chubut	0.93 CL	Araucania	0.92 AU	Tumbarumba
US	Alameda	0.94 US	Napa	0.93 US	San Luis Obispo	0.90 US	Horse Heaven Hills
US	Amador	0.97 US	San Bernardino	0.95 US	Colusa	0.82 US	El Dorado
US	Arizona	1.00 ES	Principado de Asturias	1.00 RS	Nišava	0.96 US	Georgia
US	Arkansas	1.00 US	Georgia	1.00 US	Arkansas	0.98 ES	Principado de Asturias
US	Butte	0.93 US	Red Mountain	0.93 AU	Coonawarra	0.93 US	San Luis Obispo
US	Calaveras	0.93 US	Nevada	0.89 US	San Diego	0.88 US	Riverside
US	Cattaraugus	1.00 US	Erie	0.99 US	Chautauqua	0.95 US	Pennsylvania
US	Chautauqua	1.00 US	Erie	0.99 US	Cattaraugus	0.96 US	Pennsylvania
US	Colorado	0.85 RS	Telečka	0.82 RS	Tri Morave	0.81 RS	Knjaževac
US	ColumbiaGorge	0.87 AU	Henty	0.85 AU	Mornington Peninsula	0.84 US	Santa Barbara
US	ColumbiaRiver	0.88 US	Humboldt	0.82 AU	Robe	0.81 US	San Luis Obispo
US	ColumbiaValley	0.98 US	Red Mountain	0.98 CL	Metropolitana	0.97 US	Horse Heaven Hills
US	Colusa	0.95 US	Amador	0.92 US	San Bernardino	0.80 US	El Dorado
US	ContraCosta	0.86 US	San Joaquin	0.75 US	Mendocino	0.74 US	Stanislaus
US	ElDorado	0.88 US	Mariposa	0.88 US	Calaveras	0.87 US	San Joaquin
US	Erie	1.00 US	Cattaraugus	1.00 US	Chautauqua	0.95 US	Pennsylvania
US	Fresno	0.86 US	Tulare	0.80 US	Madera	0.76 ZA	Little Karoo
US	Georgia	1.00 US	Georgia	1.00 US	Arkansas	0.98 ES	Principado de Asturias
US	Glenn	0.62 US	Colusa	0.62 US	Tehama	0.56 US	Contra Costa
US	HillCountry	0.82 US	Texas High Plains and	0.79 US	North Texas (DFW)	0.74 MX	Baja California
US	HorseHeavenHills	0.97 US	Columbia Valley	0.97 US	Wahluke Slope	0.96 US	Napa
US	Humboldt	0.88 US	Columbia River	0.87 AU	Western Victoria - other	0.81 AU	Upper Goulburn
US	Illinois	0.71 US	Missouri	0.69 US	Indiana	0.56 ES	Principado de Asturias
US	Indiana	0.77 RO	Romania	0.74 US	Wayne	0.74 US	Arizona
US	Iowa	0.83 US	Minnesota	0.59 CA	Quebec	0.32 US	Illinois
US	Kentucky	0.68 US	Missouri	0.63 US	Virginia	0.54 US	Illinois
US	Kern	0.77 US	Arizona	0.77 ES	Principado de Asturias	0.77 RS	Nišava
US	Kings	0.79 US	Tulare	0.74 US	Fresno	0.56 US	Madera
US	Lake	0.90 CL	Del Maule	0.89 US	Napa	0.88 CL	Metropolitana
US	LakeChelan	0.90 AU	Beechworth	0.89 AU	Southern Fleurieu	0.89 AU	Sunbury
US	Lassen	0.98 AU	Tumbarumba	0.98 FR	Bourgogne	0.94 US	Santa Barbara
US	LosAngeles	0.95 AU	Wrattenbully	0.95 US	Walla Walla Valley	0.95 AU	Limestone Coast - other
US	Madera	0.81 US	Tulare	0.80 US	Fresno	0.79 US	Stanislaus
US	Marin	0.99 CH	Graubünden - other	0.99 AR	Collon Cura	0.98 US	Umpqua Valley
US	Mariposa	0.91 US	San Joaquin	0.88 US	El Dorado	0.85 US	San Luis Obispo
US	Mendocino	0.98 US	Sonoma	0.96 US	Santa Clara	0.95 US	San Benito
US	Merced	0.90 US	Sacramento	0.87 US	Mendocino	0.87 US	Santa Clara
US	Michigan	0.90 US	Seneca	0.80 DE	Hessische Bergstraße	0.75 RS	Negotinska Krajina
US	Minnesota	0.83 US	Iowa	0.62 CA	Quebec	0.31 US	Illinois
US	Missouri	0.71 US	Illinois	0.68 US	Kentucky	0.49 US	Indiana
US	Monterey	0.96 US	San Benito	0.95 US	Solano	0.93 US	Lassen
US	NachesHeights	0.68 IT	Friuli-Venezia Giulia	0.66 MM	Myanmar	0.64 AU	Southern Fleurieu
US	Napa	0.96 US	San Luis Obispo	0.96 US	Horse Heaven Hills	0.95 US	Columbia Valley
US	Nevada	0.93 US	Calaveras	0.92 AU	Peel	0.91 US	San Diego
US	Niagara	0.91 JP	Nagano	0.77 US	Yates	0.77 US	Chautauqua
US	NorthCarolina	1.00 US	Arkansas	1.00 US	North Carolina	0.98 ES	Principado de Asturias
US	NorthTexasDFW	0.79 US	Hill Country	0.79 US	South Texas and Gulf Coast	0.54 US	Texas High Plains and
US	NorthWillametteValley	1.00 NZ	Otago	0.99 US	Umpqua Valley	0.98 CH	Graubünden - other
US	Ohio	0.98 US	Pennsylvania	0.95 US	Chautauqua	0.94 US	Erie
US	Ontario	0.74 US	Niagara	0.67 JP	Hokkaido	0.65 US	Steuben
US	Orange	0.95 FR	Limousin	0.94 US	West Texas	0.90 KZ	West Kazakhstan
US	Pennsylvania	0.98 US	Ohio	0.96 US	Chautauqua	0.95 US	Erie
US	Placer	0.81 US	El Dorado	0.76 US	Tehama	0.72 US	Amador
US	PugetSound	0.85 US	North Willamette Valley	0.84 US	Umpqua Valley	0.84 NZ	Otago
US	RattlesnakeHills	0.87 US	Snipes Mountain	0.82 US	Shasta	0.77 FR	Aquitaine
US	RedMountain	0.99 US	Walla Walla Valley	0.98 US	Columbia Valley	0.98 CL	Metropolitana
US	Riverside	0.89 US	San Diego	0.89 US	San Luis Obispo	0.88 US	Calaveras

Table 97: Each region's 3 most similar winegrape regions in the world according to the VSI, 2016

US	RogueValley	0.93	US	South Willamette Valley	0.92	US	North Willamette Valley	0.92	AU	Mornington Peninsula
US	Sacramento	0.92	US	Santa Clara	0.92	US	Mendocino	0.91	AR	Uruguay
US	SanBenito	0.98	US	Sonoma	0.96	US	Monterey	0.95	US	Mendocino
US	SanBernardino	0.97	US	Amador	0.92	US	Colusa	0.77	US	Sutter
US	SanDiego	0.91	US	Los Angeles	0.91	US	Nevada	0.91	AU	Limestone Coast - other
US	SanJoaquin	0.91	US	Mariposa	0.88	US	Stanislaus	0.87	US	El Dorado
US	SanLuisObispo	0.96	US	Napa	0.95	US	Columbia Valley	0.94	US	Los Angeles
US	SanMateo	0.93	US	San Benito	0.93	AU	Yarra Valley	0.93	US	Sonoma
US	SantaBarbara	0.98	AU	Tumbarumba	0.97	CL	Araucania	0.96	AU	Gippsland
US	SantaClara	0.98	US	Sonoma	0.96	US	Mendocino	0.95	US	San Benito
US	SantaCruz	0.98	AR	Sarmiento - Chubut	0.97	AU	Mornington Peninsula	0.97	CL	Araucania
US	Schuyler	0.85	US	Seneca	0.83	US	Steuben	0.78	US	Yates
US	Seneca	0.90	US	Michigan	0.85	US	Schuyler	0.75	RS	Negotinska Krajina
US	Shasta	0.95	FR	Aquitaine	0.95	CH	Graubünden - Mesolcina	0.95	CH	Ticino
US	Siskiyou	0.84	CA	British Colombia	0.81	US	Sacramento	0.81	US	San Benito
US	SnipesMountain	0.93	US	Wahluke Slope	0.91	US	Horse Heaven Hills	0.91	AR	Uruguay
US	Solano	0.95	US	Monterey	0.94	US	San Benito	0.93	US	Yolo
US	Sonoma	0.98	US	Mendocino	0.98	US	Santa Clara	0.98	US	San Benito
US	SouthTexasandGulfCoast	0.79	US	North Texas (DFW)	0.42	US	Hill Country	0.41	MX	Coahuila
US	SouthWillametteValley	0.97	US	North Willamette Valley	0.96	NZ	Otago	0.94	US	Umpqua Valley
US	Stanislaus	0.88	US	San Joaquin	0.85	US	Sacramento	0.84	US	Mendocino
US	Steuben	0.90	US	Yates	0.83	US	Schuyler	0.83	US	Ulster
US	Suffolk	0.83	RS	Telečka	0.82	AR	Uruguay	0.81	FR	Aquitaine
US	Sutter	0.80	US	Amador	0.77	US	San Bernardino	0.73	US	Colusa
US	Tehama	0.86	US	El Dorado	0.79	US	Colusa	0.78	US	Calaveras
US	TexasHighPlainsandPanhandle	0.82	US	Hill Country	0.80	MX	Baja California	0.77	UY	Lavalleja
US	Trinity	0.92	US	Mendocino	0.92	US	Monterey	0.90	US	San Benito
US	Tulare	0.86	US	Fresno	0.81	US	Madera	0.79	US	Kings
US	Tuolumne	0.89	US	San Diego	0.86	US	Los Angeles	0.83	US	Nevada
US	Ulster	0.83	US	Steuben	0.74	US	Orange	0.73	US	North Carolina
US	UmpquaValley	0.99	NZ	Otago	0.99	US	North Willamette Valley	0.99	CH	Graubünden - other
US	Ventura	0.98	AU	McLaren Vale	0.98	AU	Bendigo	0.97	AU	Mount Lofty Ranges - other
US	Virginia	0.76	US	Suffolk	0.73	NZ	Auckland	0.72	US	Sacramento
US	WahlukeSlope	0.97	US	Horse Heaven Hills	0.95	US	Columbia Valley	0.94	US	San Luis Obispo
US	WallaWallaValley	0.99	US	Red Mountain	0.98	AU	Coonawarra	0.97	US	Columbia Valley
US	Wayne	0.87	HU	Zala	0.85	EL	Ionia Nisia	0.79	RO	Romania
US	WestTexas	0.94	CN	China	0.94	US	Orange	0.94	FR	Limousin
US	YakimaValley	0.83	US	Snipes Mountain	0.82	AU	Big Rivers - other	0.81	AU	King Valley
US	Yates	0.90	US	Steuben	0.88	US	Pennsylvania	0.87	US	Ohio
US	Yolo	0.94	NZ	Gisborne	0.93	US	Solano	0.92	US	Monterey
US	Yuba	0.82	AU	Glenrowan	0.79	AU	North East Victoria - other	0.77	AU	Currency Creek
UY	Artigas	0.76	UY	Rivera	0.75	UY	Colonia	0.72	UY	San Jose
UY	Canelones	0.99	UY	Montevideo	0.97	UY	San Jose	0.95	UY	Paysandu
UY	Colonia	0.94	UY	San Jose	0.93	UY	Paysandu	0.89	UY	Canelones
UY	Durazno	0.89	UY	Rivera	0.89	UY	Salto	0.83	UY	Florida
UY	Florida	0.92	UY	Salto	0.90	AR	Cañuelas	0.89	AR	Caingua
UY	Lavalleja	0.94	CN	China	0.90	US	West Texas	0.87	UY	Rivera
UY	Maldonado	0.82	UY	Florida	0.82	UY	Colonia	0.80	UY	Paysandu
UY	Montevideo	0.99	UY	Canelones	0.96	UY	San Jose	0.93	UY	Paysandu
UY	Paysandu	0.95	UY	Canelones	0.94	UY	San Jose	0.93	UY	Colonia
UY	Rivera	0.89	UY	Durazno	0.87	UY	Lavalleja	0.86	UY	Salto
UY	Rocha	0.85	UY	Salto	0.77	UY	Durazno	0.76	UY	Florida
UY	Salto	0.92	UY	Florida	0.89	UY	Durazno	0.86	UY	Rivera
UY	SanJose	0.97	UY	Canelones	0.96	UY	Montevideo	0.94	UY	Paysandu
UY	Soriano	0.92	KZ	West Kazakhstan	0.89	US	Orange	0.86	FR	Limousin
UY	Tacuarembo	0.82	US	Orange	0.79	US	West Texas	0.78	FR	Limousin

**X. Climatic National Similarity Index  
and a premium climate indicator**

Table 98: Climatic National Similarity Index, 2016

(based on similarity of national shares of regions falling into the 4 climate zones: cool, temperate, warm, hot)

	Algeria	Argentina	Armenia	Australia	Austria	Brazil	Bulgaria	Cambodia	Canada
Algeria	1.00								
Argentina	0.97	1.00							
Armenia	0.00	0.26	1.00						
Australia	0.77	0.90	0.63	1.00					
Austria	0.00	0.00	0.00	0.15	1.00				
Brazil	1.00	0.97	0.00	0.77	0.00	1.00			
Bulgaria	0.00	0.26	1.00	0.63	0.00	0.00	1.00		
Cambodia	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	
Canada	0.00	0.00	0.00	0.14	0.92	0.00	0.00	0.00	1.00
Chile	0.11	0.36	0.99	0.71	0.10	0.11	0.99	0.11	0.08
China	0.00	0.26	1.00	0.63	0.00	0.00	1.00	0.00	0.00
Croatia	0.00	0.26	1.00	0.63	0.00	0.00	1.00	0.00	0.00
Cyprus	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Czechia	0.00	0.00	0.00	0.15	0.99	0.00	0.00	0.00	0.87
Ethiopia	0.00	0.00	0.00	0.15	0.99	0.00	0.00	0.00	0.85
France	0.20	0.37	0.69	0.69	0.69	0.20	0.69	0.20	0.63
Georgia	0.00	0.00	0.00	0.15	0.99	0.00	0.00	0.00	0.85
Germany	0.00	0.00	0.00	0.12	0.79	0.00	0.00	0.00	0.97
Greece	1.00	0.98	0.04	0.79	0.00	1.00	0.04	1.00	0.00
Hungary	0.00	0.05	0.17	0.26	0.97	0.00	0.17	0.00	0.83
India	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Israel	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Italy	0.97	1.00	0.26	0.90	0.02	0.97	0.26	0.97	0.02
Japan	0.55	0.72	0.75	0.94	0.37	0.55	0.75	0.55	0.32
Kazakhstan	0.46	0.68	0.89	0.91	0.00	0.46	0.89	0.46	0.00
Korea, Rep.	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Lebanon	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Luxembourg	0.00	0.00	0.00	0.02	0.15	0.00	0.00	0.00	0.53
Mexico	1.00	0.98	0.06	0.80	0.00	1.00	0.06	1.00	0.00
Moldova	0.00	0.26	1.00	0.63	0.00	0.00	1.00	0.00	0.00
Morocco	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Myanmar	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
New Zealand	0.00	0.00	0.01	0.16	1.00	0.00	0.01	0.00	0.90
N Macedonia	0.00	0.00	0.00	0.15	0.99	0.00	0.00	0.00	0.85
Norway	0.00	0.00	0.00	0.02	0.15	0.00	0.00	0.00	0.53
Peru	0.88	0.85	0.00	0.74	0.48	0.88	0.00	0.88	0.41
Portugal	0.82	0.94	0.57	0.99	0.00	0.82	0.57	0.82	0.00
Romania	0.00	0.26	1.00	0.63	0.00	0.00	1.00	0.00	0.00
Russia	0.00	0.26	1.00	0.63	0.00	0.00	1.00	0.00	0.00
Serbia	0.00	0.26	0.99	0.64	0.16	0.00	0.99	0.00	0.14
Slovakia	0.00	0.00	0.00	0.15	0.99	0.00	0.00	0.00	0.85
Slovenia	0.18	0.31	0.55	0.60	0.81	0.18	0.55	0.18	0.69
South Africa	1.00	0.97	0.03	0.78	0.00	1.00	0.03	1.00	0.00
Spain	0.98	0.98	0.10	0.84	0.14	0.98	0.10	0.98	0.12
Switzerland	0.00	0.00	0.00	0.09	0.60	0.00	0.00	0.00	0.87
Taiwan	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Thailand	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Tunisia	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
Turkey	0.97	1.00	0.24	0.89	0.00	0.97	0.24	0.97	0.00
Ukraine	0.00	0.26	1.00	0.63	0.00	0.00	1.00	0.00	0.00
United Kingdom	0.00	0.00	0.00	0.02	0.15	0.00	0.00	0.00	0.53
United States	0.74	0.85	0.55	0.97	0.39	0.74	0.55	0.74	0.34
Uruguay	1.00	0.97	0.00	0.77	0.00	1.00	0.00	1.00	0.00
New World	<b>0.71</b>	<b>0.86</b>	<b>0.68</b>	<b>1.00</b>	<b>0.18</b>	<b>0.71</b>	<b>0.68</b>	<b>0.71</b>	<b>0.16</b>
Old World	<b>0.76</b>	<b>0.87</b>	<b>0.55</b>	<b>0.97</b>	<b>0.36</b>	<b>0.76</b>	<b>0.55</b>	<b>0.76</b>	<b>0.33</b>
World	<b>0.75</b>	<b>0.87</b>	<b>0.59</b>	<b>0.99</b>	<b>0.31</b>	<b>0.75</b>	<b>0.59</b>	<b>0.75</b>	<b>0.29</b>

Table 98 (cont.): Climatic National Similarity Index, 2016  
 (based on similarity of national shares of regions falling into the 4 climate zones: cool, temperate, warm, hot)

	Chile	China	Croatia	Cyprus	Czechia	Ethiopia	France	Georgia	Germany	Greece
Algeria										
Argentina										
Armenia										
Australia										
Austria										
Brazil										
Bulgaria										
Cambodia										
Canada										
Chile	1.00									
China	0.99	1.00								
Croatia	0.99	1.00	1.00							
Cyprus	0.11	0.00	0.00	1.00						
Czechia	0.10	0.00	0.00	0.00	1.00					
Ethiopia	0.10	0.00	0.00	0.00	1.00	1.00				
France	0.77	0.69	0.69	0.20	0.69	0.69	1.00			
Georgia	0.10	0.00	0.00	0.00	1.00	1.00	0.69	1.00		
Germany	0.07	0.00	0.00	0.00	0.72	0.70	0.54	0.70	1.00	
Greece	0.15	0.04	0.04	1.00	0.00	0.00	0.22	0.00	0.00	1.00
Hungary	0.27	0.17	0.17	0.00	0.98	0.98	0.80	0.98	0.69	0.01
India	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Israel	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Italy	0.36	0.26	0.26	0.97	0.02	0.02	0.38	0.02	0.02	0.98
Japan	0.84	0.75	0.75	0.55	0.37	0.37	0.88	0.37	0.26	0.58
Kazakhstan	0.93	0.89	0.89	0.46	0.00	0.00	0.70	0.00	0.00	0.50
Korea, Rep.	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Lebanon	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Luxembourg	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.72	0.00
Mexico	0.16	0.06	0.06	1.00	0.00	0.00	0.24	0.00	0.00	1.00
Moldova	0.99	1.00	1.00	0.00	0.00	0.00	0.69	0.00	0.00	0.04
Morocco	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Myanmar	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
New Zealand	0.11	0.01	0.01	0.00	1.00	0.99	0.70	0.99	0.77	0.00
N Macedonia	0.10	0.00	0.00	0.00	1.00	1.00	0.69	1.00	0.70	0.00
Norway	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.72	0.00
Peru	0.14	0.00	0.00	0.88	0.48	0.48	0.50	0.48	0.33	0.88
Portugal	0.65	0.57	0.57	0.82	0.00	0.00	0.56	0.00	0.00	0.84
Romania	0.99	1.00	1.00	0.00	0.00	0.00	0.69	0.00	0.00	0.04
Russia	0.99	1.00	1.00	0.00	0.00	0.00	0.69	0.00	0.00	0.04
Serbia	0.99	0.99	0.99	0.00	0.16	0.16	0.79	0.16	0.11	0.04
Slovakia	0.10	0.00	0.00	0.00	1.00	1.00	0.69	1.00	0.70	0.00
Slovenia	0.64	0.55	0.55	0.18	0.82	0.82	0.98	0.82	0.57	0.20
South Africa	0.13	0.03	0.03	1.00	0.00	0.00	0.22	0.00	0.00	1.00
Spain	0.21	0.10	0.10	0.98	0.14	0.14	0.36	0.14	0.10	0.99
Switzerland	0.05	0.00	0.00	0.00	0.51	0.48	0.39	0.48	0.96	0.00
Taiwan	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Thailand	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Tunisia	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
Turkey	0.34	0.24	0.24	0.97	0.00	0.00	0.36	0.00	0.00	0.98
Ukraine	0.99	1.00	1.00	0.00	0.00	0.00	0.69	0.00	0.00	0.04
United Kingdom	0.00	0.00	0.00	0.00	0.04	0.00	0.07	0.00	0.72	0.00
United States	0.66	0.55	0.55	0.74	0.39	0.39	0.80	0.39	0.28	0.76
Uruguay	0.11	0.00	0.00	1.00	0.00	0.00	0.20	0.00	0.00	1.00
New World	<b>0.77</b>	<b>0.68</b>	<b>0.68</b>	<b>0.71</b>	<b>0.18</b>	<b>0.18</b>	<b>0.73</b>	<b>0.18</b>	<b>0.14</b>	<b>0.73</b>
Old World	<b>0.66</b>	<b>0.55</b>	<b>0.55</b>	<b>0.76</b>	<b>0.36</b>	<b>0.36</b>	<b>0.78</b>	<b>0.36</b>	<b>0.29</b>	<b>0.78</b>
World	<b>0.69</b>	<b>0.59</b>	<b>0.59</b>	<b>0.75</b>	<b>0.31</b>	<b>0.31</b>	<b>0.77</b>	<b>0.31</b>	<b>0.25</b>	<b>0.77</b>

Table 98 (cont.): Climatic National Similarity Index, 2016  
 (based on similarity of national shares of regions falling into the 4 climate zones: cool, temperate, warm, hot)

	Hungary	India	Israel	Italy	Japan	Kazakhstan	Korea, Rep.	Lebanon	Luxembourg
Algeria									
Argentina									
Armenia									
Australia									
Austria									
Brazil									
Bulgaria									
Cambodia									
Canada									
Chile									
China									
Croatia									
Cyprus									
Czechia									
Ethiopia									
France									
Georgia									
Germany									
Greece									
Hungary	1.00								
India	0.00	1.00							
Israel	0.00	1.00	1.00						
Italy	0.07	0.97	0.97	1.00					
Japan	0.50	0.55	0.55	0.73	1.00				
Kazakhstan	0.15	0.46	0.46	0.67	0.92	1.00			
Korea, Rep.	0.00	1.00	1.00	0.97	0.55	0.46	1.00		
Lebanon	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	
Luxembourg	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.00
Mexico	0.01	1.00	1.00	0.98	0.59	0.52	1.00	1.00	0.00
Moldova	0.17	0.00	0.00	0.26	0.75	0.89	0.00	0.00	0.00
Morocco	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	0.00
Myanmar	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	0.00
New Zealand	0.98	0.00	0.00	0.02	0.38	0.01	0.00	0.00	0.11
N Macedonia	0.98	0.00	0.00	0.02	0.37	0.00	0.00	0.00	0.00
Norway	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.00
Peru	0.47	0.88	0.88	0.86	0.66	0.41	0.88	0.88	0.00
Portugal	0.10	0.82	0.82	0.94	0.88	0.89	0.82	0.82	0.00
Romania	0.17	0.00	0.00	0.26	0.75	0.89	0.00	0.00	0.00
Russia	0.17	0.00	0.00	0.26	0.75	0.89	0.00	0.00	0.00
Serbia	0.33	0.00	0.00	0.26	0.80	0.87	0.00	0.00	0.00
Slovakia	0.98	0.00	0.00	0.02	0.37	0.00	0.00	0.00	0.00
Slovenia	0.90	0.18	0.18	0.33	0.81	0.57	0.18	0.18	0.00
South Africa	0.00	1.00	1.00	0.97	0.57	0.49	1.00	1.00	0.00
Spain	0.16	0.98	0.98	0.98	0.66	0.54	0.98	0.98	0.00
Switzerland	0.47	0.00	0.00	0.02	0.18	0.00	0.00	0.00	0.88
Taiwan	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	0.00
Thailand	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	0.00
Tunisia	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	0.00
Turkey	0.04	0.97	0.97	1.00	0.71	0.66	0.97	0.97	0.00
Ukraine	0.17	0.00	0.00	0.26	0.75	0.89	0.00	0.00	0.00
United Kingdom	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1.00
United States	0.48	0.74	0.74	0.86	0.96	0.83	0.74	0.74	0.00
Uruguay	0.00	1.00	1.00	0.97	0.55	0.46	1.00	1.00	0.00
New World	<b>0.29</b>	<b>0.71</b>	<b>0.71</b>	<b>0.86</b>	<b>0.96</b>	<b>0.93</b>	<b>0.71</b>	<b>0.71</b>	<b>0.02</b>
Old World	<b>0.45</b>	<b>0.76</b>	<b>0.76</b>	<b>0.88</b>	<b>0.96</b>	<b>0.83</b>	<b>0.76</b>	<b>0.76</b>	<b>0.05</b>
World	<b>0.41</b>	<b>0.75</b>	<b>0.75</b>	<b>0.88</b>	<b>0.96</b>	<b>0.86</b>	<b>0.75</b>	<b>0.75</b>	<b>0.04</b>

Table 98 (cont.): Climatic National Similarity Index, 2016  
 (based on similarity of national shares of regions falling into the 4 climate zones: cool, temperate, warm, hot)

	Mexico	Moldova	Morocco	Myanmar	New Zealand	N Macedonia	Norway	Peru	Portugal
Algeria									
Argentina									
Armenia									
Australia									
Austria									
Brazil									
Bulgaria									
Cambodia									
Canada									
Chile									
China									
Croatia									
Cyprus									
Czechia									
Ethiopia									
France									
Georgia									
Germany									
Greece									
Hungary									
India									
Israel									
Italy									
Japan									
Kazakhstan									
Korea, Rep.									
Lebanon									
Luxembourg									
Mexico	1.00								
Moldova	0.06	1.00							
Morocco	1.00	0.00	1.00						
Myanmar	1.00	0.00	1.00	1.00					
New Zealand	0.00	0.01	0.00	0.00	1.00				
N Macedonia	0.00	0.00	0.00	0.00	0.99	1.00			
Norway	0.00	0.00	0.00	0.00	0.11	0.00	1.00		
Peru	0.88	0.00	0.88	0.88	0.48	0.48	0.00	1.00	
Portugal	0.85	0.57	0.82	0.82	0.01	0.00	0.00	0.72	1.00
Romania	0.06	1.00	0.00	0.00	0.01	0.00	0.00	0.00	0.57
Russia	0.06	1.00	0.00	0.00	0.01	0.00	0.00	0.00	0.57
Serbia	0.06	0.99	0.00	0.00	0.17	0.16	0.00	0.08	0.56
Slovakia	0.00	0.00	0.00	0.00	0.99	1.00	0.00	0.48	0.00
Slovenia	0.21	0.55	0.18	0.18	0.82	0.82	0.00	0.55	0.46
South Africa	1.00	0.03	1.00	1.00	0.00	0.00	0.00	0.88	0.84
Spain	0.99	0.10	0.98	0.98	0.14	0.14	0.00	0.93	0.86
Switzerland	0.00	0.00	0.00	0.00	0.57	0.48	0.88	0.23	0.00
Taiwan	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.88	0.82
Thailand	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.88	0.82
Tunisia	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.88	0.82
Turkey	0.98	0.24	0.97	0.97	0.00	0.00	0.00	0.85	0.93
Ukraine	0.06	1.00	0.00	0.00	0.01	0.00	0.00	0.00	0.57
United Kingdom	0.00	0.00	0.00	0.00	0.11	0.00	1.00	0.00	0.00
United States	0.77	0.55	0.74	0.74	0.40	0.39	0.00	0.83	0.92
Uruguay	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.88	0.82
New World	<b>0.75</b>	<b>0.68</b>	<b>0.71</b>	<b>0.71</b>	<b>0.19</b>	<b>0.18</b>	<b>0.02</b>	<b>0.71</b>	<b>0.97</b>
Old World	<b>0.79</b>	<b>0.55</b>	<b>0.76</b>	<b>0.76</b>	<b>0.37</b>	<b>0.36</b>	<b>0.05</b>	<b>0.83</b>	<b>0.93</b>
World	<b>0.78</b>	<b>0.59</b>	<b>0.75</b>	<b>0.75</b>	<b>0.32</b>	<b>0.31</b>	<b>0.04</b>	<b>0.81</b>	<b>0.95</b>

Table 98 (cont.): Climatic National Similarity Index, 2016

(based on similarity of national shares of regions falling into the 4 climate zones: cool, temperate, warm, hot)

	Romania	Russia	Serbia	Slovakia	Slovenia	Africa	Spain	South	Switzerland	Taiwan
Algeria										
Argentina										
Armenia										
Australia										
Austria										
Brazil										
Bulgaria										
Cambodia										
Canada										
Chile										
China										
Croatia										
Cyprus										
Czechia										
Ethiopia										
France										
Georgia										
Germany										
Greece										
Hungary										
India										
Israel										
Italy										
Japan										
Kazakhstan										
Korea, Rep.										
Lebanon										
Luxembourg										
Mexico										
Moldova										
Morocco										
Myanmar										
New Zealand										
N Macedonia										
Norway										
Peru										
Portugal										
Romania	1.00									
Russia	1.00	1.00								
Serbia	0.99	0.99	1.00							
Slovakia	0.00	0.00	0.16	1.00						
Slovenia	0.55	0.55	0.67	0.82	1.00					
South Africa	0.03	0.03	0.03	0.00	0.19	1.00				
Spain	0.10	0.10	0.12	0.14	0.35	0.99	1.00			
Switzerland	0.00	0.00	0.08	0.48	0.39	0.00	0.07	1.00		
Taiwan	0.00	0.00	0.00	0.00	0.18	1.00	0.98	0.00	1.00	
Thailand	0.00	0.00	0.00	0.00	0.18	1.00	0.98	0.00	1.00	
Tunisia	0.00	0.00	0.00	0.00	0.18	1.00	0.98	0.00	1.00	
Turkey	0.24	0.24	0.24	0.00	0.30	0.98	0.98	0.00	0.97	
Ukraine	1.00	1.00	0.99	0.00	0.55	0.03	0.10	0.00	0.00	
United Kingdom	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.00	
United States	0.55	0.55	0.61	0.39	0.75	0.75	0.83	0.19	0.74	
Uruguay	0.00	0.00	0.00	0.00	0.18	1.00	0.98	0.00	1.00	
New World	<b>0.68</b>	<b>0.68</b>	<b>0.70</b>	<b>0.18</b>	<b>0.64</b>	<b>0.73</b>	<b>0.79</b>	<b>0.10</b>	<b>0.71</b>	
Old World	<b>0.55</b>	<b>0.55</b>	<b>0.60</b>	<b>0.36</b>	<b>0.73</b>	<b>0.77</b>	<b>0.85</b>	<b>0.22</b>	<b>0.76</b>	
World	<b>0.59</b>	<b>0.59</b>	<b>0.63</b>	<b>0.31</b>	<b>0.71</b>	<b>0.76</b>	<b>0.84</b>	<b>0.19</b>	<b>0.75</b>	

Table 98 (cont.): Climatic National Similarity Index, 2016  
 (based on similarity of national shares of regions falling into the 4 climate zones: cool, temperate, warm, hot)

	Thailand	Tunisia	Turkey	Ukraine	United Kingdom	United States	Uruguay	New World	Old World	World
Algeria										
Argentina										
Armenia										
Australia										
Austria										
Brazil										
Bulgaria										
Cambodia										
Canada										
Chile										
China										
Croatia										
Cyprus										
Czechia										
Ethiopia										
France										
Georgia										
Germany										
Greece										
Hungary										
India										
Israel										
Italy										
Japan										
Kazakhstan										
Korea, Rep.										
Lebanon										
Luxembourg										
Mexico										
Moldova										
Morocco										
Myanmar										
New Zealand										
N Macedonia										
Norway										
Peru										
Portugal										
Romania										
Russia										
Serbia										
Slovakia										
Slovenia										
South Africa										
Spain										
Switzerland										
Taiwan										
Thailand	1.00									
Tunisia	1.00	1.00								
Turkey	0.97	0.97	1.00							
Ukraine	0.00	0.00	0.24	1.00						
United Kingdom	0.00	0.00	0.00	0.00	1.00					
United States	0.74	0.74	0.85	0.55	0.00	1.00				
Uruguay	1.00	1.00	0.97	0.00	0.00	0.74	1.00			
New World	<b>0.71</b>	<b>0.71</b>	<b>0.85</b>	<b>0.68</b>	<b>0.02</b>	<b>0.97</b>	<b>0.71</b>	<b>1.00</b>		
Old World	<b>0.76</b>	<b>0.76</b>	<b>0.86</b>	<b>0.55</b>	<b>0.05</b>	<b>1.00</b>	<b>0.76</b>	<b>0.97</b>	<b>1.00</b>	
World	<b>0.75</b>	<b>0.75</b>	<b>0.87</b>	<b>0.59</b>	<b>0.04</b>	<b>1.00</b>	<b>0.75</b>	<b>0.98</b>	<b>1.00</b>	<b>1.00</b>

Table 99: Shares of selected varieties' bearing area within the ideal GST range for premium winegrapes, by country and globally, 2000 and 2016 (%)

<b>2000</b>	Cabernet Franc	Cabernet Sauvignon	Chardonnay	Côt	Dolcetto	Garnacha Tinta	Gewürztraminer	Mazuelo	Merlot	Müller Thurgau	Nebbiolo
Algeria		0				0		0	0	0	
Argentina	15	24	0	26	0	9		35	37		5
Armenia											
Australia	62	60	10	68		57	1	13	42		69
Austria	98	0					46		0	11	
Brazil	0	0	0				0		0		
Bulgaria		100	0				0		100		
Cambodia											
Canada	0	0	100				100		0		
Chile	85	100	3	95			0	85	91		100
China											
Croatia											
Cyprus											
Czechia			100							0	
Ethiopia											
France	97	96	70	91	0	92	99	91	82	91	
Georgia		100									
Germany			100							52	
Greece	0	17	0			3		100	0		
Hungary	100	100	100						100	0	
India											
Israel		0	0					0	0		
Italy	30	76	25	24	97	7	48	1	26	1	94
Japan											
Kazakhstan											
Korea, Rep.											
Lebanon											
Luxembourg			100				100			100	
Mexico											
Moldova		100	100	100			0	0	100	0	
Morocco							0	0			
Myanmar											
New Zealand	91	16	97	82			45		80	2	
N. Macedonia											
Norway											
Peru											
Portugal		0									
Romania		100	0				0		100		
Russia		100	0								
Serbia											
Slovakia		0	100							0	
Slovenia			100						100		
South Africa	0	0	0							0	
Spain	12	7	9	89		30	0	16	39		
Switzerland	26	0	82	0			99		0	90	0
Taiwan											
Thailand											
Tunisia		0				0		0			
Turkey											
Ukraine											
United Kingdom			0								
United States	91	66	26	74	30	2	7	12	54		19
Uruguay	0	0	0						0		
<b>New World</b>	<b>27.8</b>	<b>63.6</b>	<b>19.9</b>	<b>30.8</b>	<b>25.7</b>	<b>19.6</b>	<b>18.8</b>	<b>24.8</b>	<b>52.5</b>	<b>2.3</b>	<b>19.3</b>
<b>Old World</b>	<b>86.4</b>	<b>88.0</b>	<b>60.3</b>	<b>88.8</b>	<b>97.1</b>	<b>56.1</b>	<b>40.4</b>	<b>71.9</b>	<b>75.7</b>	<b>37.1</b>	<b>94.2</b>
<b>World</b>	<b>77.1</b>	<b>75.5</b>	<b>38.8</b>	<b>45.1</b>	<b>96.6</b>	<b>55.0</b>	<b>36.3</b>	<b>70.5</b>	<b>70.0</b>	<b>36.6</b>	<b>89.1</b>

Table 99 (cont.): Shares of selected varieties' bearing area within the ideal GST range for premium winegrapes, by country and globally, 2000 and 2016 (%)

<b>2000</b>	Pinot Gris	Pinot Noir	Riesling	Sangiovese	Sauvignon Blanc	Sémillon	Syrah	Tempranillo	Tribidrag	Viognier
Algeria		0					0			
Argentina	0	0	1	13	0	36	13	18	0	16
Armenia										
Australia		9	6	43	38	21	50	28		55
Austria	23	100	100		100					
Brazil					0	0				
Bulgaria		0	0		0					
Cambodia										
Canada	100	100	100		100					
Chile	0	0	12	100	80	70	100	100	100	100
China										
Croatia										
Cyprus				100						
Czechia										
Ethiopia										
France	1	96	100	100	78	98	55	16	100	44
Georgia										
Germany	83	96	100							
Greece					0	0	9			
Hungary	0	0	100		100					
India										
Israel					0					
Italy	0	14	10	56	7	0	16	13	4	1
Japan										
Kazakhstan										
Korea, Rep.										
Lebanon										
Luxembourg	100	100	100							
Mexico										
Moldova	0	0	0		100					
Morocco										
Myanmar										
New Zealand	35	84	100		99	98	79			
N Macedonia										
Norway										
Peru							73			
Portugal										
Romania	0	0			100					
Russia			0							0
Serbia										11
Slovakia										
Slovenia					100					
South Africa		0			0	0	0			
Spain	6	1			80		3	48		
Switzerland	87	89	98		67	0	0			
Taiwan										
Thailand										
Tunisia				0			0		0	
Turkey										
Ukraine										
United Kingdom										
United States	11	33	44	53	30	58	41	1	18	60
Uruguay					0		0			
<b>New World</b>	<b>29.2</b>	<b>25.8</b>	<b>31.4</b>	<b>26.7</b>	<b>44.9</b>	<b>31.4</b>	<b>39.3</b>	<b>17.9</b>	<b>17.9</b>	<b>53.5</b>
<b>Old World</b>	<b>14.9</b>	<b>71.0</b>	<b>88.2</b>	<b>56.6</b>	<b>78.4</b>	<b>98.1</b>	<b>52.2</b>	<b>49.9</b>	<b>3.5</b>	<b>43.6</b>
<b>World</b>	<b>15.8</b>	<b>62.1</b>	<b>79.1</b>	<b>55.0</b>	<b>66.4</b>	<b>67.7</b>	<b>46.1</b>	<b>48.2</b>	<b>13.5</b>	<b>46.0</b>

Table 99 (cont.): Shares of selected varieties' bearing area within the ideal GST range for premium winegrapes, by country and globally, 2000 and 2016 (%)

<b>2016</b>	Cabernet Franc	Cabernet Sauvignon	Chardonnay	Côt	Dolcetto	Garnacha Tinta	Gewürztraminer	Mazuelo	Merlot	Müller-Thurgau	Nebbiolo
Algeria		0				0		0	0	0	
Argentina	42	32	0	42	0	22		27	39		14
Armenia											
Australia	83	53	13	78	33	75	1	68	38	0	36
Austria	90	0	100						11	18	
Brazil	0	0	0	0			0		0		100
Bulgaria	100	100	0				0		100		
Cambodia		0							0		
Canada	61	0	98	0		0	79		0	100	0
Chile	81	100	5	90	100	100	0	91	91		98
China	100	100	0			100		100	100		
Croatia		100	0						100		
Cyprus											
Czechia			100				100				8
Ethiopia											
France	100	97	64	91		100	96	100	73	72	100
Georgia		100									
Germany	6	0	100				100		0	50	
Greece	9	25	0					0	8		
Hungary	100	87	80	51			2		94	0	
India		0	0								
Israel	0	0	0	0				0	0		
Italy	25	58	14	12	98	4	41	3	21	17	98
Japan		88	0						77	0	
Kazakhstan	100	26									
Korea, Rep.											
Lebanon		0	0						0		
Luxembourg			100				100			100	
Mexico		0				0		4	0		0
Moldova	100	100	100	100			0		100	0	
Morocco		0	0			0		0	0		
Myanmar			0								
New Zealand	94	11	97	94		4	56		96	78	0
N Macedonia		100	100						100		
Norway											
Peru		6	0	0		0			0		
Portugal	71	1	0			0	0	0	3		
Romania	100	100	0	100			0		100	0	100
Russia	100	100	43				0		100	0	
Serbia	100	98	48				0		99		
Slovakia		0								0	
Slovenia	100	78	55						90	0	
South Africa	5	2	0	5		5	0	0	3		52
Spain	0	2	9	12		13	0	18	14		100
Switzerland	24	0	79	0	0	0	98		0	94	0
Taiwan											
Thailand		0									
Tunisia		0	0			0		0	0		
Turkey	10	12	0	4		0		0	22		
Ukraine		100	100				0		100		
United Kingdom			0							100	
United States	75	70	28	53	43	21	9	23	60	80	33
Uruguay	0	1	0	0		0	0		0		0
<b>New World</b>	<b>33.4</b>	<b>73.3</b>	<b>19.6</b>	<b>44.6</b>	<b>35.3</b>	<b>69.0</b>	<b>23.8</b>	<b>43.1</b>	<b>64.5</b>	<b>63.2</b>	<b>19.5</b>
<b>Old World</b>	<b>87.5</b>	<b>72.7</b>	<b>47.8</b>	<b>85.6</b>	<b>98.1</b>	<b>60.5</b>	<b>49.9</b>	<b>73.3</b>	<b>65.6</b>	<b>37.6</b>	<b>98.0</b>
<b>World</b>	<b>73.5</b>	<b>73.1</b>	<b>33.9</b>	<b>49.8</b>	<b>95.9</b>	<b>61.0</b>	<b>45.1</b>	<b>71.7</b>	<b>65.3</b>	<b>37.7</b>	<b>93.6</b>

Table 99 (cont.): Shares of selected varieties' bearing area within the ideal GST range for premium winegrapes, by country and globally, 2000 and 2016 (%)

2016	Pinot	Pinot		Sauvignon						
	Gris	Noir	Riesling	Sangiovese	Blanc	Sémillon	Syrah	Tempranillo	Tribidrag	Viognier
Algeria							0			
Argentina	0	1	1	14	1	34	16	19	100	11
Armenia										
Australia	3	19	12	57	37	13	54	37	63	42
Austria	47	100	100		99		0			
Brazil	0	0	0	0	0	0		0		0
Bulgaria		0			16		100			
Cambodia							0			
Canada	75	98	100	0	43	0	0	0	0	0
Chile	0	1	17	100	79	66	100	97	100	97
China		0	0		0		100			
Croatia			0							
Cyprus										
Czechia	9	100	100		100					
Ethiopia				100						
France	1	88	99	100	70	98	76	1	100	47
Georgia										
Germany	73	97	100		83		0			
Greece			0		0	0	10		0	
Hungary	0	9	87	0	100	100	84			83
India		0			0		0			
Israel					0		0			
Italy	3	12	33	63	3	0	17	0	1	5
Japan		100	0		0					
Kazakhstan		0	0							
Korea, Rep.										
Lebanon					0		0			
Luxembourg	100	100	100							
Mexico					0		0	0		
Moldova	0	0	0		100	100	100			100
Morocco					0		0			
Myanmar		0			0		0	0		
New Zealand	23	94	100	49	100	92	91	68	0	35
N Macedonia		0	100		100				0	
Norway		0					0			
Peru		0					0			
Portugal	0	0	0		30	28	11	37		14
Romania	0	0	0	100	100	100	100	100	100	100
Russia	0	0	0		62	0				
Serbia	0	0	38		96					
Slovakia		100								
Slovenia	0	72	100		78		0			
South Africa	0	0	0	9	0	0	3	0	0	4
Spain		1	0	98	17	0	1	45	0	1
Switzerland	88	88	99	0	57	21	0	0	0	0
Taiwan										
Thailand		0		0			0	0		0
Tunisia					0		0			
Turkey	0	0	0		1	0	9	25		28
Ukraine		0	100		100					
United Kingdom	100	0								
United States	10	31	62	49	27	36	56	36	23	35
Uruguay	0	0	0		0	0	0			0
<b>New World</b>	<b>12.8</b>	<b>33.1</b>	<b>44.3</b>	<b>33.7</b>	<b>58.0</b>	<b>20.8</b>	<b>46.4</b>	<b>22.1</b>	<b>23.1</b>	<b>36.4</b>
<b>Old World</b>	<b>14.2</b>	<b>70.5</b>	<b>72.6</b>	<b>64.2</b>	<b>67.7</b>	<b>92.3</b>	<b>51.1</b>	<b>44.0</b>	<b>1.3</b>	<b>39.2</b>
<b>World</b>	<b>13.8</b>	<b>55.5</b>	<b>66.8</b>	<b>62.8</b>	<b>62.8</b>	<b>62.7</b>	<b>49.0</b>	<b>43.2</b>	<b>13.4</b>	<b>38.4</b>



## **XI. National winegrape area, top 300 varieties**

Table 100: National winegrape area for each of the world's top 300 varieties, 2016

	Agiorgitiko	Aglianico	Airén	Alarjue	Suruceni	Alba de	Albariño	Aleuria	Aleutia	Alfrocheiro	Bouschet	Alicante Henri	Alvarinho	Alijoté	Alvarelhão	Ancellotta	Antão Vaz	Aramon Noir	Arinjo de Bucelas
Algeria												135	6						
Argentina	51											19	2						991
Australia	25																		
Austria												101	2						
Brazil												285							20
Bulgaria																			
Cambodia																			
Canada												0	30						
Chile												6908							1
China																			
Croatia																			
Cyprus																			
Czechia																			
Ethiopia																			
France												0							1167
Georgia																			
Germany																			
Greece	3270																		
Hungary												1676							
India																			
Israel																			
Italy																			
Japan																			
Kazakhstan																			
Korea, Rep.																			
Lebanon																			
Luxembourg																			
Mexico																			
Moldova																			
Morocco																			
Myanmar																			
New Zealand																			
N. Macedonia																			
Peru																			
Portugal																			
Romania																			
Russia																			
Serbia																			
Slovakia																			
Slovenia																			
South Africa	2																		
Spain																			
Switzerland																			
Thailand																			
Tunisia																			
Turkey																			
Ukraine																			
United Kingdom																			
United States	31																		126
Uruguay																			28
<b>Old World</b>	<b>3270</b>	<b>9627</b>	<b>203801</b>	<b>4407</b>	<b>780</b>	<b>782</b>	<b>1145</b>	<b>1676</b>	<b>1216</b>	<b>28457</b>	<b>26899</b>	<b>2888</b>	<b>5393</b>	<b>1728</b>	<b>1768</b>	<b>1181</b>	<b>5409</b>		
<b>New World</b>	<b>2</b>	<b>107</b>	<b>9734</b>	<b>203801</b>	<b>4407</b>	<b>780</b>	<b>782</b>	<b>1152</b>	<b>1676</b>	<b>1216</b>	<b>36031</b>	<b>26929</b>	<b>2910</b>	<b>5545</b>	<b>2739</b>	<b>1768</b>	<b>1181</b>	<b>5409</b>	
<b>World</b>	<b>3272</b>																		

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Aneis	Aspinan	Bouschet	Assyrtiko	Auxerrois	Avesso	Azal	Neagră	Bacchus	Baco Noir	Baga	Barbera	Beba	Beijinghong	Bianca	Biancane	Bical	Blauburger
Algeria		4087																
Argentina	37		0	0														
Australia			1															
Austria																		750
Brazil																		2
Bulgaria																		18
Cambodia																		
Canada																		
Chile																		
China																		
Croatia																		
Cyprus																		
Czechia																		
Ethiopia																		
France																		
Georgia																		
Germany																		2
Greece																		
Hungary																		
India																		
Israel																		
Italy																		
Japan																		
Kazakhstan																		
Korea, Rep.																		
Lebanon																		
Luxembourg																		
Mexico																		
Moldova																		
Morocco																		
Myanmar																		
New Zealand																		
N. Macedonia																		
Peru																		
Portugal																		
Romania																		
Russia																		
Serbia																		
Slovakia																		
Slovenia																		
South Africa																		
Spain	0																	
Switzerland																		
Thailand																		
Tunisia																		
Turkey																		
Ukraine																		
United Kingdom																		
United States																		
Uruguay																		
<b>Old World</b>	1108	4088		1770	0	2815	699	1443	2696	1612	6	6750	15105	2556	1600	9766	1336	1076
<b>New World</b>	71	4088		1770	2853	38	1443	2696	1759	147	729	2719	17824	2556	1600	9766	1336	1076
<b>World</b>	1179	4088		1770			699			735	6750							1223

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Blauer Portugieser	Blaufränkisch	Bobal	Boğazkere	Bombino	Bonarda	Bombino Nero	Piemontese	Brachetto del Franc	Cabernet Franc	Sauvignon Céladoc	Cabernet Nero	Carignano Calkarasi	Carignano Nero	Cardinal	Carmenère
Algeria					9				2	929	15356	15	1	2	59	
Argentina		1							64	328	23987				16	
Australia	1265	2808							6834	429	567					
Austria									240	9327					10	
Brazil																
Bulgaria																
Cambodia			5													3
Canada		3														10503
Chile		521														11200
Croatia																
Cyprus																
Czechia																
Ethiopia																
France	26															
Georgia																
Germany	3177	1737														
Greece																
Hungary	1023	7260														0
India																
Israel																
Italy	51	28														
Japan																
Kazakhstan																
Korea, Rep.																
Lebanon																
Luxembourg																
Mexico																
Moldova																
Morocco																
Myanmar																
New Zealand																
N. Macedonia																
Peru	290															
Portugal	36															
Romania	329	729														
Russia																
Serbia																
Slovakia																
Slovenia																
South Africa																
Spain																
Switzerland																
Thailand																
Tunisia																
Turkey																
Ukraine																
United Kingdom																
United States		3														
Uruguay																
<b>Old World</b>	<b>6587</b>	<b>16882</b>	<b>59189</b>	<b>1436</b>	<b>1138</b>	<b>865</b>	<b>9</b>	<b>5926</b>	<b>1692</b>	<b>2</b>	<b>41553</b>	<b>134391</b>	<b>5242</b>	<b>806</b>	<b>1031</b>	<b>1437</b>
<b>New World</b>	<b>3</b>	<b>299</b>	<b>59189</b>	<b>1436</b>	<b>1147</b>	<b>865</b>		<b>5926</b>	<b>1694</b>		<b>14499</b>	<b>176280</b>	<b>16</b>	<b>5258</b>	<b>310671</b>	<b>1</b>
<b>World</b>	<b>6590</b>	<b>17180</b>	<b>59189</b>	<b>1436</b>	<b>1147</b>	<b>865</b>		<b>5926</b>	<b>1694</b>		<b>56052</b>	<b>2199</b>	<b>266</b>	<b>806</b>	<b>1033</b>	<b>1660</b>
																<b>24</b>
																<b>663</b>
																<b>21822</b>
																<b>22486</b>

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Castelletto	Catarratto	Cayetana	Bianca	Cerezza	Chambourcin	Chardonnay	Chasselas	Chelyva	Chenin Blanc	Chinuri	Cieliglio	Cinsaut	Clairette	Cococciola	Colombard	Concord
Algeria			28887	41		6227	21321	1577		2157	1	10	0			1789	
Argentina		17				340	3087		7							22	1687
Australia						1417	111										
Austria						11435	197										183
Brazil						6100	657										
Bulgaria																	
Cambodia																	
Canada																	
Chile																	
China																	
Croatia																	
Cyprus																	
Czechia																	
Ethiopia																	
France																	
Georgia																	
Germany																	
Greece																	
Hungary																	
India																	
Israel																	
Italy																	
Japan																	
Kazakhstan																	
Korea, Rep.																	
Lebanon																	
Luxembourg																	
Mexico																	
Moldova																	
Morocco																	
Myanmar																	
New Zealand																	
N. Macedonia																	
Peru																	
Portugal	12580																
Romania																	
Russia																	
Serbia																	
Slovakia																	
Slovenia																	
South Africa	36252																
Spain	0																
Switzerland																	
Thailand																	
Tunisia																	
Turkey																	
Ukraine																	
United Kingdom																	
United States	50																
Uruguay																	
<b>Old World</b>	12580	28563	36385	17	28887	373	99094	207	5029	9558	1225	897	20255	2225	1671	8667	24
<b>New World</b>	12580	28613	36401	28887	968	201649	7377	5029	22664	32221	1225	897	23926	2420	1671	21329	9
<b>World</b>	12580	28613	36401	28887	968	201649	7377	5029	32221	1225	897	23926	2420	1671	29996	10535	
																	10544

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Cortese	Corvinia	Veronese	Corvinone	Côt/Couderc Noir	Criolla	Croatina	Fuzserzegi	Damaschino	Diagalves	Dimitit	Dimyat	Dolcetto	Dornfelder	Douce Noire	Duras	Durif	
Algeria	17	0	40401	515	15596	16	527				7	100	0	19072			540	
Argentina	0																3	
Australia																	208	
Brazil	0			30	1938													
Bulgaria																		
Cambodia																		
Canada	1			41														
Chile				1	2293													
China																		
Croatia																		
Cyprus																		
Czechia																		
Ethiopia																		
France	6100			198													785	
Georgia																		
Germany																		
Greece																		
Hungary																		
India																		
Israel																		
Italy	2405			6222	1140												110	
Japan																		
Kazakhstan																		
Korea, Rep.																		
Lebanon																		
Luxembourg																		
Mexico																		
Moldova																		
Morocco																		
Myanmar																		
New Zealand																		
N. Macedonia																		
Peru																		
Portugal																		
Romania																		
Russia																		
Serbia																		
Slovakia																		
Slovenia																		
South Africa																		
Spain	0																	
Switzerland																		
Thailand																		
Tunisia																		
Turkey																		
Ukraine																		
United Kingdom																		
United States																		
Uruguay																		
<b>Old World</b>	2405			6222	1140	198	2678	4299	1095	1090	704	9696	4381	7812	630	785	3698	
<b>New World</b>	2405			19	0	45524	1938	15596	16	527	1090	704	164	59	19103	4697	4807	
<b>World</b>	2405			6240	1140	52233	2136	15596	2695	4299	1622	9696	4545	7871	19733	785	785	

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Elbing	Fanghina	Flegrea	Fer	Fernão Pires	Fetească Alba	Neagră	Regală	Piano Folle Blanche	Fumé	Gaglioppo	Gamay Noir	Garganega	Garnacha Blanca	Garnacha Peluda	Garnacha Roja (Grís)	Garnacha Tinta	
Algeria																	200	
Argentina	183						5					0		30	2		22	
Australia	1						95	0				6		1			1492	
Brazil								9				9					187	
Bulgaria								0				5					400	
Cambodia																		
Canada																		
Chile																		
China																		
Croatia																		
Cyprus																		
Czechia																		
Ethiopia																		
France	0						1554					24095		5130	394	1253	78631	
Georgia																		
Germany	489																140	
Greece								1				3862		3			786	
Hungary																		
India																		
Israel																		
Italy																		
Japan																		
Kazakhstan																		
Korea, Rep.																		
Lebanon																		
Luxembourg																		
Mexico																		
Moldova																		
Morocco																		
Myanmar																		
New Zealand																		
N. Macedonia																		
Peru																		
Portugal																		
Romania																		
Russia																		
Serbia																		
Slovakia																		
Slovenia																		
South Africa																		
Spain																		
Switzerland																		
Thailand																		
Tunisia																		
Turkey																		
Ukraine																		
United Kingdom																		
United States	396																2213	
Uruguay																	4	
<b>Old World</b>	<b>576</b>	<b>3634</b>	<b>1502</b>	<b>12138</b>	<b>13382</b>	<b>3248</b>	<b>12991</b>	<b>2087</b>	<b>1574</b>	<b>4434</b>	<b>4626</b>	<b>1</b>	<b>25797</b>	<b>8522</b>	<b>7191</b>	<b>898</b>	<b>1455</b>	<b>141691</b>
<b>New World</b>	<b>396</b>	<b>3634</b>	<b>184</b>	<b>73</b>	<b>12211</b>	<b>13382</b>	<b>3248</b>	<b>12991</b>	<b>2187</b>	<b>1574</b>	<b>4435</b>	<b>4626</b>	<b>32</b>	<b>424</b>	<b>8554</b>	<b>7409</b>	<b>898</b>	<b>8</b>
<b>World</b>	<b>972</b>	<b>3634</b>	<b>1686</b>	<b>12211</b>	<b>13382</b>	<b>3248</b>	<b>12991</b>	<b>2087</b>	<b>1574</b>	<b>4435</b>	<b>4626</b>	<b>123</b>	<b>26221</b>	<b>8554</b>	<b>7409</b>	<b>898</b>	<b>1462</b>	<b>150096</b>

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Gewürztraminer	Gibi	Gördölo	Graciano	Grand Noir	Grasevina	Orvieto Greco Bianco	Grignolino	Gros	Grüner Veltliner	Hárslevelű	Inzolia	Irsai Olivér	Isabella	
Algeria		785	18						7					15	
Argentina	252		31	0				1	10	9	1				
Australia					3233					14376					
Brazil	9				188									11664	
Bulgaria	591														
Cambodia															
Canada	398														
Chile	371		1											3	
China					3000										
Croatia					4459										
Cyprus														1538	
Czechia	591														
Ethiopia					1114										
France	3320		10	0					1949	3046					
Georgia															
Germany	824									14					
Greece															
Hungary	694					3933									
India															
Israel															
Italy	1321														
Japan															
Kazakhstan															
Korea, Rep.															
Lebanon															
Luxembourg	21														
Mexico															
Moldova															
Morocco															
Myanmar														43	
New Zealand	277								270						
N. Macedonia															
Peru															
Portugal	0		584	326	167			1437						0	
Romania	469														
Russia	500														
Serbia	142														
Slovakia															
Slovenia															
South Africa	106			8	3										
Spain	373		822	2080	556	1064									
Switzerland	51														
Thailand															
Tunisia															
Turkey															
Ukraine	500														
United Kingdom															
United States	897													60	
Uruguay	17														
<b>Old World</b>	<b>10495</b>		<b>1406</b>	<b>2852</b>	<b>703</b>	<b>21196</b>	<b>1824</b>	<b>2050</b>	<b>911</b>	<b>7382</b>	<b>1949</b>	<b>3059</b>	<b>18992</b>	<b>1603</b>	
<b>New World</b>	<b>2328</b>		<b>785</b>	<b>1406</b>	<b>58</b>	<b>3</b>	<b>3188</b>	<b>1</b>	<b>911</b>	<b>7383</b>	<b>1949</b>	<b>10</b>	<b>127</b>	<b>16</b>	
<b>World</b>	<b>12823</b>		<b>785</b>	<b>1406</b>	<b>2910</b>	<b>707</b>	<b>24384</b>	<b>1824</b>	<b>2050</b>	<b>911</b>	<b>3069</b>	<b>19118</b>	<b>1618</b>	<b>4740</b>	<b>1790</b>
														<b>17813</b>	

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Italia	Jacquez	Juan Garcia	Kadarka	Kareczk	Karasti	Kerner	Kiralykanyka	Kodryanka	Koshu	Kotsifali	Kunkany	Kyoho (4N)	Lambrusco di Sorbara	Lambrusco Grasparossa	Lambrusco Maestri	Lambrusco Marani
Algeria																11	48
Argentina	0	1	0														
Australia																	
Brazil		1274															
Bulgaria																	
Cambodia				2													
Canada																	
Chile																	
China																	
Croatia																	
Cyprus																	
Czecha																	
Ethiopia																	
France	75																
Georgia																	
Germany																	
Greece																	
Hungary																	
India																	
Israel																	
Italy																	
Japan																	
Kazakhstan																	
Korea, Rep.																	
Lebanon																	
Luxembourg																	
Mexico																	
Moldova		118															
Morocco		3333															
Myanmar																	
New Zealand																	
N. Macedonia																	
Peru																	
Portugal																	
Romania																	
Russia																	
Serbia																	
Slovakia																	
Slovenia																	
South Africa																	
Spain																	
Switzerland																	
Thailand																	
Tunisia																	
Turkey																	
Ukraine																	
United Kingdom																	
United States																	
Uruguay																	
<b>Old World</b>	4174	1013	1443	1443	1545	1625	1625	1625	1625	1625	1625	1625	1625	1625	1625	1625	1625
<b>New World</b>	5188																
<b>World</b>	5188																

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Lambrusco Salamino	Leányka	Levkovskij	Liatiko	Listan Negro	Listan Prieto	Longyan	Loureiro	Macabeo	Manganica Ramni	Malvasia Bianca	Malvasia Bianca Lunga	Malvasia Candia	Malvasia Fina	Malvasia Nera di Mavas
Algeria															
Argentina															
Australia															
Brazil															
Bulgaria															
Cambodia															
Canada															
Chile															
China															
Croatia															
Cyprus															
Czechia															
Ethiopia															
France															
Georgia															
Germany															
Greece															
Hungary															
India															
Israel															
Italy															
Japan															
Kazakhstan															
Korea, Rep.															
Lebanon															
Luxembourg															
Mexico															
Moldova															
Morocco															
Myanmar															
New Zealand															
N. Macedonia															
Peru															
Portugal															
Romania															
Russia															
Serbia															
Slovakia															
Slovenia															
South Africa															
Spain															
Switzerland															
Thailand															
Tunisia															
Turkey															
Ukraine															
United Kingdom															
United States															
Uruguay															
<b>Old World</b>	<b>6228</b>	<b>719</b>	<b>890</b>	<b>2633</b>	<b>2847</b>	<b>10267</b>	<b>1000</b>	<b>4696</b>	<b>38620</b>	<b>884</b>	<b>2163</b>	<b>9034</b>	<b>1247</b>	<b>1208</b>	<b>486</b>
<b>New World</b>	<b>6228</b>	<b>719</b>	<b>890</b>	<b>2633</b>	<b>2847</b>	<b>10267</b>	<b>1000</b>	<b>4696</b>	<b>38625</b>	<b>884</b>	<b>214</b>	<b>651</b>	<b>0</b>	<b>1247</b>	<b>3276</b>
<b>World</b>	<b>6228</b>	<b>719</b>	<b>890</b>	<b>2633</b>	<b>2847</b>	<b>10267</b>	<b>1000</b>	<b>4696</b>	<b>38625</b>	<b>884</b>	<b>2184</b>	<b>9685</b>	<b>1247</b>	<b>1208</b>	<b>3282</b>
															<b>1264</b>

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Malvasia	Mavazija	Istarska	Mammolo	Mandilaria	Marsanne	Marselan	Manjilo	Marzemino	Blanc	Mavro	Mavrouda	Mavrud	Mazuelo	Melon	Mencía	Merlot	Merseguera
Algeria																		1000
Argentina	1	0		2	10		0							13	1	2	5632	
Australia				161										8			8415	
Austria																	695	
Brazil																	363	
Bulgaria																	10050	
Cambodia					3												2	
Canada					18												633	
Chile					24												12057	
China																	16700	
Croatia																	828	
Cyprus																		
Czechia																		
Ethiopia																		
France	885																	
Georgia																	108483	
Germany			932														553	
Greece																	1393	
Hungary																	1961	
India																		
Israel																	715	
Italy	272			26				47									1686	
Japan																	24057	
Kazakhstan																	197	
Korea, Rep.																		
Lebanon																	500	
Luxembourg																		
Mexico																	391	
Moldova																	7689	
Morocco																	333	
Myanmar																		
New Zealand																	1239	
N. Macedonia																	1240	
Peru	1933																	
Portugal																	2	
Romania																	482	
Russia																	11647	
Serbia																	2988	
Slovakia																	1968	
Slovenia																		
South Africa																		
Spain																		
Switzerland																		
Thailand																		
Tunisia																		
Turkey																		
Ukraine																		
United Kingdom																		
United States																		
Uruguay																		
<b>Old World</b>	<b>1933</b>	<b>2788</b>	<b>911</b>	<b>0</b>	<b>932</b>	<b>23</b>	<b>1580</b>	<b>4683</b>	<b>785</b>	<b>120</b>	<b>1526</b>	<b>3187</b>	<b>1658</b>	<b>1193</b>	<b>44732</b>	<b>9550</b>	<b>11050</b>	<b>21251</b>
<b>New World</b>	<b>1933</b>	<b>2788</b>	<b>911</b>	<b>0</b>	<b>932</b>	<b>23</b>	<b>180</b>	<b>4683</b>	<b>785</b>	<b>0</b>	<b>1526</b>	<b>3187</b>	<b>1658</b>	<b>1193</b>	<b>2581</b>	<b>1</b>	<b>2</b>	<b>747</b>
<b>World</b>	<b>1933</b>	<b>2788</b>	<b>911</b>	<b>0</b>	<b>932</b>	<b>23</b>	<b>1838</b>	<b>3941</b>	<b>785</b>	<b>1193</b>	<b>47312</b>	<b>9551</b>	<b>11052</b>	<b>47312</b>	<b>9551</b>	<b>11052</b>	<b>2</b>	<b>2373</b>

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Muscat Cherven	Moldova	Monastrell	Monica Nera	Montepulciano	Giallo	Moschofilerio	Thurgau	Muscadelle	Muscat Bailey A	Muscat Blanc à Petits Grains (G)	Muscat Blanc à Petits Grains (R)
Algeria	12	82	119	1						94	6326	
Argentina	704	60	94							857		
Australia										823		
Austria										32		
Brazil	4349		1	90								
Bulgaria												
Cambodia												
Canada	1		2	162								
Chile	102											
China												
Croatia												
Cyprus												
Czechia												
Ethiopia												
France	8754											
Georgia												
Germany												
Greece												
Hungary												
India												
Israel	55	1203	32724	1108								
Italy												
Japan												
Kazakhstan												
Korea, Rep.												
Lebanon												
Luxembourg												
Mexico	12375											
Moldova												
Morocco												
Myanmar												
New Zealand												
N. Macedonia												
Peru												
Portugal												
Romania												
Russia												
Serbia												
Slovakia												
Slovenia												
South Africa	473	0	0	0								
Spain	41303	0	0	0								
Switzerland												
Thailand												
Tunisia												
Turkey												
Ukraine												
United Kingdom												
United States												
Uruguay												
<b>Old World</b>	4349	12375	50122	1203	32724	1108	1088	19417	1417	21	30074	793
<b>New World</b>			1808	211	526	85	92	723	1821	1821	3666	644
<b>World</b>	4349	12375	51930	1203	32935	1634	1088	19501	1509	744	33739	8258
												1438

Table 100 (cont.) National winegrape area for each of the world's top 300 varieties, 2016

	Muscot of Alexandria	Muscot of Hamburg	Muscot of Ottonei	Nairnec	Nebbiolo	Negranoir	Négrette	Neroamaro	Nascalese Nero d'Avola Nero di Troia	Nerello	Odessa Cherny	Nuragus	Niagara	Öküzgözü	Ortrugo	Paiutino Fino
Algeria	200															
Argentina	2716	35		344		32	107	6		18		0				104
Australia	2179															19
Austria	6															
Brazil																
Bulgaria																
Cambodia																
Canada																
Chile	5424															
China	3000															
Croatia																
Cyprus																
Czechia																
Ethiopia																
France	2462															41
Georgia																
Germany																
Greece	773															
Hungary																
India	100															
Israel	220															
Italy	1375															
Japan																
Kazakhstan																
Korea, Rep.																
Lebanon																
Luxembourg																
Mexico																
Moldova																
Morocco	2093															
Myanmar																
New Zealand																
N. Macedonia																
Peru	509															109
Portugal																
Romania																
Russia	21															
Serbia																
Slovakia																
Slovenia																
South Africa	1781															
Spain	9554															
Switzerland																
Thailand																
Tunisia	405															
Turkey																
Ukraine																
United Kingdom																
United States	1987	113														
Uruguay	22	1267	2													70
<b>Old World</b>	<b>17591</b>	<b>6265</b>	<b>12421</b>	<b>787</b>	<b>7554</b>	<b>1755</b>	<b>1112</b>	<b>11431</b>	<b>1805</b>	<b>14215</b>	<b>2512</b>	<b>1008</b>	<b>2508</b>	<b>1601</b>	<b>709</b>	<b>22746</b>
<b>New World</b>	<b>17214</b>	<b>1415</b>	<b>43</b>	<b>443</b>	<b>1258</b>	<b>1112</b>	<b>18</b>	<b>11449</b>	<b>1805</b>	<b>66</b>	<b>3264</b>	<b>14281</b>	<b>2512</b>	<b>1008</b>	<b>2508</b>	<b>443</b>
<b>World</b>	<b>34895</b>	<b>7680</b>	<b>12464</b>	<b>787</b>	<b>7997</b>	<b>3013</b>	<b>1112</b>	<b>11449</b>	<b>1805</b>	<b>14281</b>	<b>2512</b>	<b>1008</b>	<b>2508</b>	<b>1601</b>	<b>709</b>	<b>23190</b>

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Pamid	Pardillo	Parellada	Passerina	Pecorino	Pedro	Ximénez	Perruno	Mastrachà	Perevens	Petit	Manseng	Petit Verdot	Pignoletto	Pinot Blanc	Pinot Gris	Meunier	Pinot Noir	Pinotage
Algeria											12	740	9	401	11	1866			
Argentina												11197	20	1118	5	3652	82	4806	1
Australia															1916	224	614		
Austria															7	7	141	13	
Brazil																			342
Bulgaria																			
Cambodia																			
Canada																			
Chile																			
China																			
Croatia																			
Cyprus																			
Czechia																			
Ethiopia																			
France																			
Georgia																			
Germany																			
Greece																			
Hungary																			
India																			
Israel																			
Italy																			
Japan																			
Kazakhstan																			
Korea, Rep.																			
Lebanon																			
Luxembourg																			
Mexico																			
Moldova																			
Morocco																			
Myanmar																			
New Zealand																			
N. Macedonia																			
Peru																			
Portugal																			
Romania																			
Russia																			
Serbia																			
Slovakia																			
Slovenia																			
South Africa																			
Spain																			
Switzerland																			
Thailand																			
Tunisia																			
Turkey																			
Ukraine																			
United Kingdom																			
United States																			
Uruguay																			
<b>Old World</b>	<b>9961</b>	<b>3283</b>	<b>7137</b>	<b>933</b>	<b>1628</b>	<b>8787</b>	<b>745</b>	<b>2755</b>	<b>1255</b>	<b>3360</b>	<b>1174</b>	<b>1338</b>	<b>440</b>	<b>15454</b>	<b>418</b>	<b>14277</b>	<b>63141</b>	<b>1</b>	
<b>New World</b>	<b>9961</b>	<b>3283</b>	<b>7137</b>	<b>933</b>	<b>114</b>	<b>15576</b>	<b>8810</b>	<b>745</b>	<b>2755</b>	<b>1299</b>	<b>8124</b>	<b>1174</b>	<b>13779</b>	<b>48570</b>	<b>14695</b>	<b>104680</b>	<b>7132</b>		

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Piquepoul Blanc	Planta Nova	Plavac Mali	Prieto Picudo	Prokupac	Prosecco	Lungo	Rabigato	Refosco	Refosco dal Peduncolo Rosso	Regent	Ribolla Gialla	Riesling	Rkatsiteli	Roditis	Roditis (R)	
Algeria						11							93				
Argentina		1				160		0					3114				
Australia													2016				
Brazil													6				
Bulgaria													5415				
Cambodia																	
Canada																	
Chile																	
China																	
Croatia																	
Cyprus																	
Czechia																	
Ethiopia																	
France	1564																
Georgia																	
Germany																	
Greece																	
Hungary																	
India																	
Israel																	
Italy																	
Japan																	
Kazakhstan																	
Korea, Rep.																	
Lebanon																	
Luxembourg																	
Mexico																	
Moldova																	
Morocco																	
Myanmar																	
New Zealand																	
N. Macedonia																	
Peru																	
Portugal																	
Romania																	
Russia																	
Serbia																	
Slovakia																	
Slovenia																	
South Africa	0																
Spain	864																
Switzerland																	
Thailand																	
Tunisia																	
Turkey																	
Ukraine																	
United Kingdom																	
United States																	
Uruguay																	
<b>Old World</b>	<b>1564</b>	<b>888</b>	<b>1714</b>	<b>4293</b>	<b>1361</b>	<b>19730</b>	<b>1450</b>	<b>1969</b>	<b>1341</b>	<b>1272</b>	<b>1946</b>	<b>959</b>	<b>47486</b>	<b>51374</b>	<b>8463</b>	<b>828</b>	
<b>New World</b>	<b>1</b>	<b>888</b>	<b>1714</b>	<b>4293</b>	<b>1361</b>	<b>20109</b>	<b>1450</b>	<b>1969</b>	<b>1341</b>	<b>1272</b>	<b>1974</b>	<b>959</b>	<b>59805</b>	<b>51374</b>	<b>8463</b>	<b>828</b>	
<b>World</b>	<b>1565</b>	<b>888</b>	<b>1714</b>	<b>4293</b>	<b>1361</b>												

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Rojal Tinta	Romeiko	Rondinella	Roussanne	Rubired	Cabernet	Rufete	Sagrantino	Sangiovese	Laurent	Santarena	Superavi	Sauvignon Blanc	Sauvignon Blanc (G)	Sauvignonasse	Savagnin Blanc	
Algeria	0	1	23	90	2	22	1837	430	724	3	10	2148	6	424	22		
Argentina	0	0	24	849	2	3	1170	1170	1170	3	1044	1	870	1	870	288	
Australia																	
Austria																	
Brazil																	
Bulgaria																	
Cambodia																	
Canada																	
Chile																	
China																	
Croatia																	
Cyprus																	
Czechia																	
Ethiopia																	
France	1831																
Georgia																	
Germany																	
Greece																	
Hungary																	
India																	
Israel																	
Italy																	
Japan	2683		12														
Kazakhstan																	
Korea, Rep.																	
Lebanon																	
Luxembourg																	
Mexico																	
Moldova																	
Morocco																	
Myanmar																	
New Zealand																	
N. Macedonia																	
Peru																	
Portugal																	
Romania																	
Russia																	
Serbia																	
Slovakia																	
Slovenia																	
South Africa	76		2306	12	714	0	70	6	717	2	2	724	716	5594	53		
Spain	736	3													2501	214	
Switzerland																	
Thailand																	
Tunisia																	
Turkey																	
Ukraine																	
United Kingdom																	
United States																	
Uruguay																	
<b>Old World</b>	<b>736</b>	<b>1131</b>	<b>2683</b>	<b>1</b>	<b>4916</b>	<b>12</b>	<b>1859</b>	<b>999</b>	<b>70041</b>	<b>27</b>	<b>3423</b>	<b>724</b>	<b>6468</b>	<b>10</b>	<b>144</b>	<b>44</b>	
<b>New World</b>	<b>736</b>	<b>1131</b>	<b>2684</b>	<b>2137</b>	<b>4916</b>	<b>2</b>	<b>5297</b>	<b>1859</b>	<b>1026</b>	<b>2</b>	<b>73464</b>	<b>3272</b>	<b>6478</b>	<b>253</b>	<b>823</b>	<b>2735</b>	<b>1375</b>
<b>World</b>	<b>736</b>	<b>1131</b>	<b>2684</b>	<b>2137</b>	<b>4916</b>	<b>2</b>	<b>5309</b>	<b>1859</b>	<b>1026</b>	<b>2</b>	<b>73464</b>	<b>3272</b>	<b>6478</b>	<b>1076</b>	<b>124700</b>	<b>3861</b>	<b>892</b>
																<b>2267</b>	

Table 100 (cont.) : National winegrape area for each of the world's top 300 varieties, 2016

	Savatiano	Scheurebe	Schiava	Grossa	Lombarda	Sémillon	Seyval Blanc	Melnitska	Silvaner	Siria	Sultaniye	Syrah	Tannat	Tempranillo	Teroldego	Ternet	Tinta Barroca	Tinta Carvalha
Algeria											100	1000	12707	837	6140			
Argentina	1	0				767	4556			3	42	38942	30	681	1			1
Australia	351					6	41			6								
Brazil										38		141						
Bulgaria																		
Cambodia																		
Canada	1					19	2259			0								
Chile						849												2
China																		
Croatia																		
Cyprus																		
Czechia																		
Ethiopia																		
France																		
Georgia																		
Germany	1266		2197															
Greece																		
Hungary																		
India																		
Israel																		
Italy																		
Japan																		
Kazakhstan																		
Korea, Rep.																		
Lebanon																		
Luxembourg																		
Mexico																		
Moldova																		
Morocco																		
Myanmar																		
New Zealand																		
N. Macedonia																		
Peru																		
Portugal																		
Romania																		
Russia																		
Serbia																		
Slovakia																		
Slovenia																		
South Africa																		
Spain																		
Switzerland																		
Thailand																		
Tunisia																		
Turkey																		
Ukraine																		
United Kingdom																		
United States																		
Uruguay																		
<b>Old World</b>	10268	1624	2255	701	10957	115	1205	6061	7037	3423	9083	247	626	36				
<b>New World</b>		2	0		7736	2584	11	1902	181186	211429	1725	2539	730	42	4733	1113		
<b>World</b>	10268	1626	2256	701	18693	2699	1205	6072	7037	5325	5611	219379	772	872	193	4926	1113	

Table 100 (cont.) National winegrape area for each of the world's top 300 varieties, 2016

	Tinto Velasco	Torrontés Rojano	Torrontés Sanjumino	Touriga Franca	Touriga Nacional	Trajadura	Trebbiano d'Abruzzo	Trebbiano Giallo	Trebbiano Romagnolo	Trepata	Tribidrag	Trinadeira	Trousseau	Tsitska	Tsiklouri	Verdeca
Algeria	8208	1885		27				1622	14	1	0	0	34			
Argentina				38						87	1		0			
Australia				6												
Brazil								231								
Bulgaria								738								
Cambodia								2					8			
Canada	643	1771		2						66						
Chile								1500								
China																
Croatia																
Cyprus																
Czechia																
Ethiopia																
France								78842		1			45		7903	
Georgia																
Germany																
Greece								211								0
Hungary																
India													300			
Israel																
Italy																
Japan																
Kazakhstan																
Korea, Rep.																
Lebanon																
Luxembourg																
Mexico																
Moldova																
Morocco																
Myanmar																
New Zealand																
N. Macedonia																
Peru	8							14217	11411	1550						
Portugal								4	11							
Romania											122					
Russia											3					
Serbia											66					
Slovakia																
Slovenia																
South Africa																
Spain	5369							3	105	942						
Switzerland								4			49	1199				
Thailand								0			1					
Tunisia																
Turkey																
Ukraine																
United Kingdom																
United States																
Uruguay	5369							14221	11426	2492	2630	2275	19059	11548	1199	88
<b>Old World</b>	<b>5369</b>	<b>8859</b>	<b>3656</b>	<b>3656</b>	<b>3</b>	<b>3</b>	<b>296</b>	<b>14224</b>	<b>11722</b>	<b>2492</b>	<b>2630</b>	<b>2275</b>	<b>19059</b>	<b>120343</b>	<b>1199</b>	<b>18551</b>
<b>New World</b>	<b>5369</b>	<b>8859</b>	<b>3656</b>	<b>3656</b>	<b>14224</b>	<b>11722</b>	<b>2492</b>	<b>2630</b>	<b>2275</b>	<b>19059</b>	<b>120343</b>	<b>1199</b>	<b>33649</b>	<b>10510</b>	<b>1263</b>	<b>3642</b>
<b>World</b>	<b>5369</b>	<b>8859</b>	<b>3656</b>	<b>3656</b>	<b>14224</b>	<b>11722</b>	<b>2492</b>	<b>2630</b>	<b>2275</b>	<b>19059</b>	<b>120343</b>	<b>1199</b>	<b>33649</b>	<b>10510</b>	<b>1263</b>	<b>3642</b>
																<b>913</b>

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Verdejo	Verdelho	Verdicchio	Bianco	Verduzco	Friulano	Vermontino	Vernaccia di San	Vidal	Villard Blanc	Villard Noir	Vinhao	Viognier	Viosinho	Vranac	Xarello	Xinomavro	Xynisteri	Yan 73
Algeria																			
Argentina	18	1016	7	0	2	2	2	118								773			
Australia	6			1		1						1				753			
Austria																			11
Brazil																			
Bulgaria																			
Cambodia																			
Canada																			
Chile	2				0														
China																			1500
Croatia																			
Cyprus																			
Czechia																			
Ethiopia																			
France																			
Georgia																			
Germany																			
Greece																			
Hungary																			
India																			
Israel																			
Italy																			
Japan																			
Kazakhstan																			
Korea, Rep.																			
Lebanon																			
Luxembourg																			
Mexico																			
Moldova																			
Morocco																			
Myanmar																			
New Zealand																			
N. Macedonia																			
Peru																			
Portugal																			
Romania																			
Russia																			
Serbia																			
Slovakia																			
Slovenia																			
South Africa	69								2		10	321	14	44	822	36	1481		
Spain	17923											1		333	213	41			8534
Switzerland																			44
Thailand																			1
Tunisia																			
Turkey																			15
Ukraine																			
United Kingdom																			
United States	45																		
Uruguay	360	4674	687	2	11345	884	1	422	763	4388	11112	916	9503	8534	2135	1946			
<b>Old World</b>	<b>9</b>	<b>1156</b>	<b>8</b>	<b>2</b>	<b>138</b>	<b>1936</b>	<b>1</b>	<b>321</b>	<b>14</b>	<b>81</b>	<b>4951</b>	<b>916</b>	<b>9503</b>	<b>8534</b>	<b>2135</b>	<b>1946</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>
<b>New World</b>	<b>1516</b>	<b>4682</b>	<b>690</b>	<b>11483</b>	<b>884</b>	<b>1936</b>	<b>743</b>	<b>777</b>	<b>4468</b>	<b>16063</b>	<b>916</b>	<b>9503</b>	<b>8534</b>	<b>2135</b>	<b>1946</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>	
<b>World</b>	<b>17931</b>																		

Table 100 (cont.): National winegrape area for each of the world's top 300 varieties, 2016

	Zalagónye	Zalena	Žametovka	Zwetschelt	Other varieties	Total
Algeria				0	8300	
Argentina			2693		206342	
Australia	1		602		132435	
Austria		6311	3359	45439		
Brazil			4978	33205		
Bulgaria			0	52974		
Cambodia			3	10		
Canada		19	1507	12600		
Chile			370	145873		
China			77600	178000		
Croatia			683	11746		
Cyprus			0	5133		
Czechia		770	0	13600		
Ethiopia			21	169		
France			69890	814882		
Georgia			4525	48000		
Germany	1	108	5124	94501		
Greece			4468	50845		
Hungary	1065	1687	6526	63881		
India			0	2700		
Israel			545	5000		
Italy		4	54810	604551		
Japan		59	1162	3869		
Kazakhstan			2060	6938		
Korea, Rep.			1400	5400		
Lebanon			700	4800		
Luxembourg			13	1300		
Mexico			1204	5465		
Moldova			9903	82600		
Morocco			1486	17590		
Myanmar			0	70		
New Zealand			69	35463		
N. Macedonia			957	24777		
Peru			652	3831		
Portugal			19654	182649		
Romania	193		86	98551	182762	
Russia			5016	50794		
Serbia			8403	22014		
Slovakia			1718	7748		
Slovenia		822	5	2157	15989	
South Africa		4015		1331	95775	
Spain			23136	883558		
Switzerland			1781	14793		
Thailand			16	149		
Tunisia			287	3400		
Turkey			396	13704		
Ukraine			0	25166		
United Kingdom			243	1839		
United States			13080	239632		
Uruguay			665	6743		
<b>Old World</b>	<b>1259</b>	<b>4015</b>	<b>822</b>	<b>8990</b>	<b>326140</b>	<b>3358633</b>
<b>New World</b>	<b>1259</b>	<b>4015</b>	<b>822</b>	<b>78</b>	<b>107596</b>	<b>1109570</b>
<b>World</b>	<b>1259</b>	<b>4015</b>	<b>822</b>	<b>9068</b>	<b>433735</b>	<b>4468203</b>

# About the Wine Economics Research Centre

The Wine Economics Research Centre was established in 2010 by the School of Economics and the Wine2030 Research Network of the University of Adelaide, South Australia, having been previously a research program in the University's Centre for International Economic Studies. Its purpose is to promote and foster its growing research strength in the area of wine economics, and to complement the university's long-established strength in viticulture and oenology research.

The University of Adelaide is the Southern Hemisphere's premier wine research and teaching university and is part of the adjacent Wine Innovation Cluster which includes the University's School of Agriculture, Food and Wine and the Australian Wine Research Institute (established in 1955).

Adelaide is the capital of the state of South Australia, where nearly half of Australia's winegrapes are crushed and from where more than half of Australia's wine exports are shipped. Adelaide has four major wine regions and more than 200 cellar doors within an hour's drive (Adelaide Hills, Barossa Valley, McLaren Vale and Southern Fleurieu/Langhorne Creek), in addition to South Australia's three other key wine regions (Clare Valley, Coonawarra/Limestone Coast and Riverland). The University of Adelaide also is home to the National Wine Centre of Australia.

The Wine Economics Research Centre is unique in Australia and one of few similar centres around the world. It has close links with the Center for Wine Economics at the Robert Mondavi Institute for Wine and Food Science at the University of California, Davis, and with the American Association of Wine Economists' *Journal of Wine Economics*.

The key objectives of the Wine Economics Research Centre are to:

- publish wine economics research outputs and disseminate them to industry and government as well as academia
- contribute to economics journals, wine industry journals and related publications
- promote collaboration and sharing of information, data and analyses between industry and government agencies as well as research institutions
- sponsor wine economics seminars, workshops and conferences and contribute to other grape and wine meetings

The founding Executive Director of the Wine Economics Research Centre is Professor Kym Anderson. Contact details are as follows:

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