



2016

World Vitiviniculture Situation



OIV Statistical Report on World Vitiviniculture

This report has been prepared by the Statistics division of the International Organisation of Vine and Wine (OIV) under the supervision of Director General Jean-Marie Aurand.

This annual statistics reports provides data on the world's vitiviniculture situation in the year 2015. It presents an overview on the global, regional and country information on vines, grapes, dried grape and wine.

The different sections in this report are notably focused on presenting the rate of production and consumption, as well as the degree of balance between these sectors in the wine market.

These data collected annually confirm the OIV's commitment to provide timely and accurate information towards the improvement of the vitiviniculture sector.

This 2016 report includes sections on:

- I. Surface Area
- II. Global grape production
- III. Wine production
- IV. Wine consumption
- V. International wine trade

The data published in this report have been harmonized with those available to the United Nations Food and Agriculture Organization (FAO). We have derived these data from a variety of sources. In hierarchical order of importance these sources are:

- data obtained from a questionnaire completed by Member States
- data from public sources, such as national statistical agencies
- data from the European Commission.

Readers are welcome to use the information provided in the following pages, but are requested to mention OIV as the source.

For technical inquiries please contact stats@oiv.int
For media inquiries please contact press@oiv.int

Abbreviations used:

kha: thousand of hectares
mha: million of hectares
kt: thousand of quintals
mt: million of quintals
khl: thousand of hectoliters
mhl: million of hectoliters
bn: billion



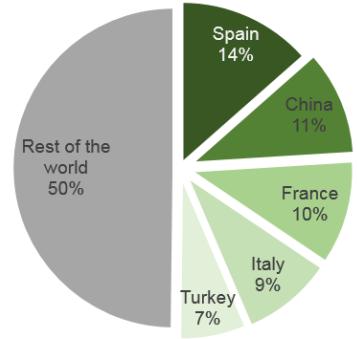
Surface Area

Including the area not yet in production, whether harvested or not, and regardless of the grapes' final destination

7.5 mha is the global area under vines in 2015

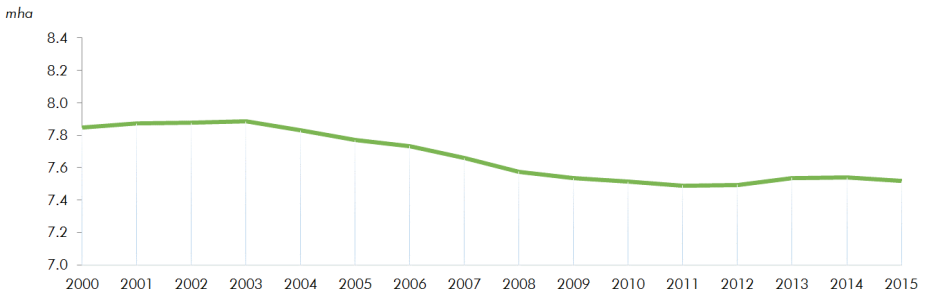
5 countries represent

50% of the world vineyard



Since 2000 the world's total vineyard surface area is decreasing, mainly due to the reduction of European vineyards

Evolution of world area under vines



Surface Area

Including the area not yet in production, whether harvested or not, and regardless of the grapes' final destination

Area under vine

| <i>kha</i> | 2011 | 2012 | 2013 | 2014 | 2015 |
|--------------|-------|-------|-------|-------|-------|
| Spain | 1 032 | 1 017 | 1 021 | 1 022 | 1 021 |
| China | 633 | 709 | 760 | 799 | 830 |
| France | 796 | 792 | 793 | 791 | 786 |
| Italy | 720 | 713 | 705 | 690 | 682 |
| Turkey | 508 | 497 | 504 | 502 | 497 |
| USA | 413 | 412 | 422 | 419 | 419 |
| Argentina | 219 | 222 | 224 | 226 | 225 |
| Iran | 239 | 240 | 227 | 221 | 223 |
| Portugal | 206 | 206 | 208 | 211 | 217 |
| Chile | 191 | 192 | 192 | 192 | 211 |
| Roumania | 170 | 162 | 157 | 154 | 192 |
| Australia | 133 | 135 | 133 | 132 | 149 |
| Moldova | 110 | 110 | 110 | 110 | 140 |
| South Africa | 102 | 102 | 102 | 102 | 130 |
| Inde | 119 | 120 | 119 | 120 | 120 |
| Brazil | 90 | 91 | 90 | 89 | 85 |
| New Zealand | 37 | 38 | 38 | 38 | 39 |
| World Total | 7 489 | 7 494 | 7 536 | 7 539 | 7 511 |

Since 2000 area under vine has **fallen considerably** in Spain, France and Italy.

Strong increase for China, which has now the 2nd world largest vineyard. **Stabilisation** in the USA and South Hemisphere countries.

Grape Production

All use

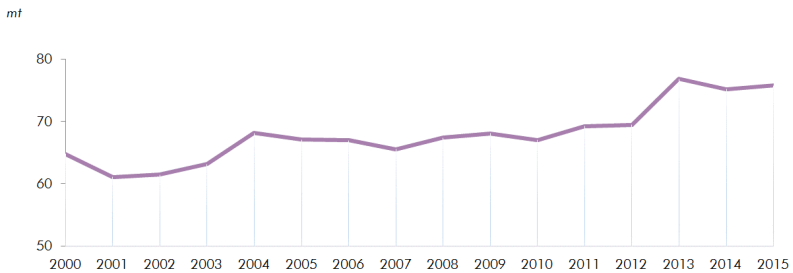
75.7 mt is the world production of grapes in 2015

40% of total world grape is produced in **Europe**

31 % in **Asia** and

20% in **America**

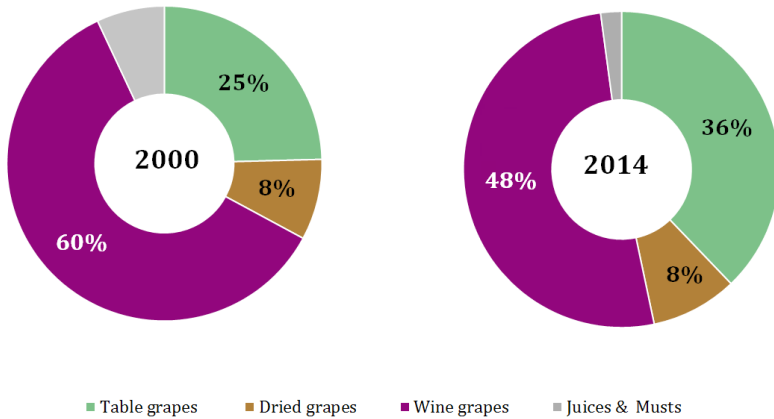
Evolution of global grape production



An increased trend in grape production.

While the area under vine decreases, **grape production** has been **increasing** since 2000: this is partly due to an **increase in yields and** to the continual **improvement of viticultural techniques**.

Share of total world grape production by type of product



There is an upward trend in part of total production of unpressed fresh grape production.

Grape production

| Total grape production ¹ | | | | | |
|-------------------------------------|-------------|-------------|-------------|-------------|-------------|
| in mt | 2011 | 2012 | 2013 | 2014 | 2015 |
| China | 9.2 | 10.6 | 11.6 | 12.3 | 12.6 |
| Italy | 7.1 | 6.9 | 8.0 | 6.9 | 8.2 |
| USA | 6.5 | 6.8 | 7.8 | 7.1 | 7.0 |
| France | 6.6 | 5.4 | 5.5 | 6.1 | 6.3 |
| Spain | 5.7 | 5.3 | 7.4 | 6.1 | 6.0 |
| Turkey | 4.3 | 4.2 | 4.0 | 4.2 | 3.6 |
| Chile | 3.0 | 2.8 | 2.9 | 2.8 | 3.1 |
| India | 1.2 | 2.2 | 2.5 | 2.6 | 2.6 |
| Argentina | 3.0 | 2.4 | 2.9 | 2.7 | 2.4 |
| Iran | 2.1 | 2.2 | 2.0 | 2.2 | 2.1 |
| South Africa | 1.7 | 1.8 | 2.0 | 2.0 | 2.0 |
| Australia | 1.6 | 1.7 | 1.8 | 1.7 | 1.7 |
| Egypt | 1.3 | 1.4 | 1.4 | 1.6 | 1.6 |
| Brazil | 1.5 | 1.5 | 1.4 | 1.5 | 1.5 |
| Germany | 1.3 | 1.2 | 1.1 | 1.2 | 1.2 |
| World Total | 69.2 | 69.5 | 76.8 | 75.1 | 75.7 |

| Production, 2014 (in %) | | |
|-------------------------|--------------------------|-------------------------|
| Fresh grape | Dried grape ² | Wine grape ³ |
| 75% | 6% | 12% |
| 15% | 0% | 85% |
| 17% | 18% | 45% |
| 1% | 0% | 99% |
| 4% | 0% | 85% |
| 49% | 41% | 2% |
| 27% | 13% | 49% |
| 80% | 10% | 1% |
| 2% | 3% | 75% |
| 53% | 37% | 0% |
| 19% | 7% | 73% |
| 6% | 2% | 92% |
| 90% | 0% | 0% |
| 50% | 0% | 24% |
| 0% | 0% | 98% |
| 36% | 8% | 48% |

... : Not available data

1: Excluding intermediate products and juices

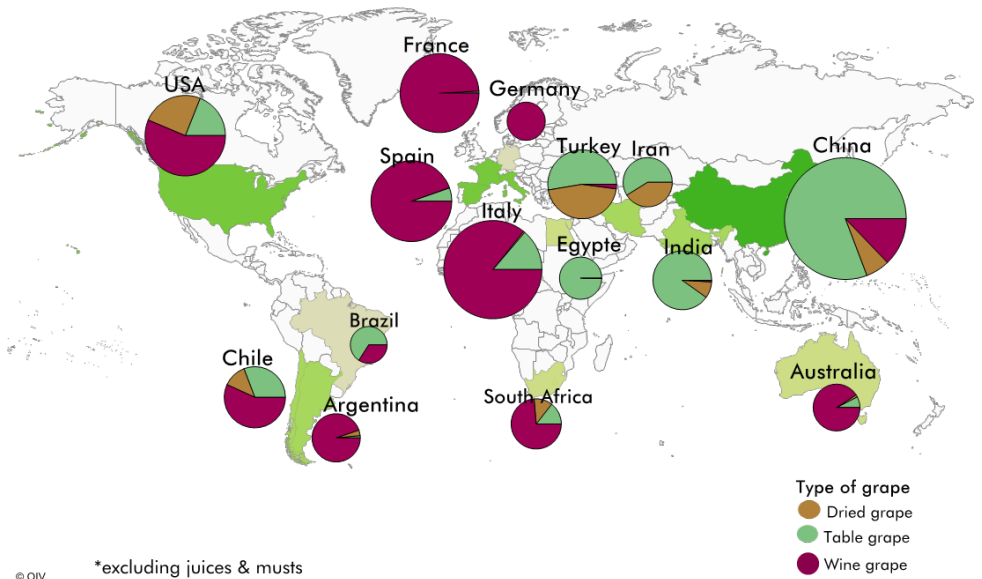
2: Dried grape converted in fresh grape. On average 4kg to obtain 1kg of raisin

3: OIV conversion factor used: production of wine * 1,325 kg of fresh grape, average quantity necessary to obtain 1 hl of wine

Grape Production

All use

Major grape producers by type of products



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*excluding juices & musts

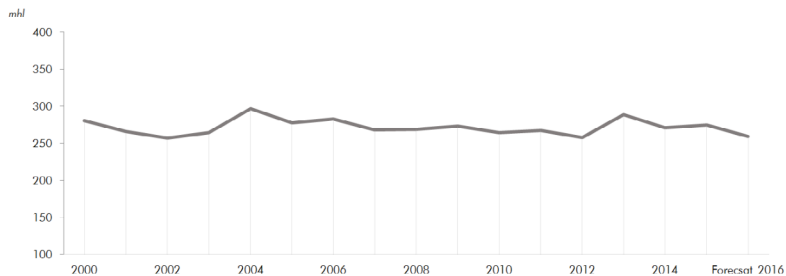
Type of grape
Dried grape
Table grape
Wine grape

Wine Production

Total of wine, including sparkling and special wines, excluding juice and musts

259 mhl is the global wine production in 2016

Trends in world wine production (excluding juice & musts)



2016 world wine production (excluding juice & musts) **decreased by almost 15 mhl** compared with 2015 production. This global wine production it's among one of the lowest over the last 20 years.

Wine production

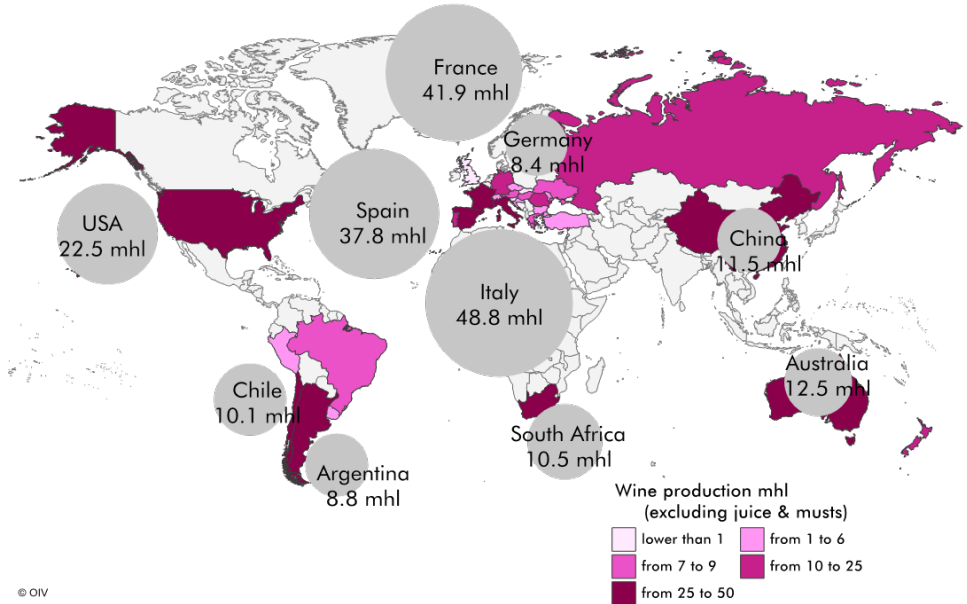
| | 2011 | 2012 | 2013 | 2014 | 2015 | Forecast 2016 ² | 2016/2015 variation in volume | variation in % |
|------------------------|------------|------------|------------|------------|------------|----------------------------|-------------------------------|----------------|
| mhl | | | | | | | | |
| Italy | 42.8 | 45.6 | 54.0 | 44.2 | 50.0 | 48.8 | -1.2 | -2% |
| France | 50.8 | 41.5 | 42.1 | 46.5 | 47.4 | 41.9 | -5.5 | -12% |
| Spain | 33.4 | 31.1 | 45.3 | 39.5 | 37.3 | 37.8 | 0.5 | 1% |
| USA | 19.1 | 21.7 | 23.6 | 23.7 | 22.1 | 22.5 | 0.5 | 2% |
| Argentina | 15.5 | 11.8 | 15.0 | 15.2 | 13.4 | 8.8 | -4.6 | -35% |
| Australia | 11.2 | 12.3 | 12.3 | 11.9 | 11.9 | 12.5 | 0.6 | 5% |
| China | 13.2 | 13.8 | 11.1 | 11.1 | 11.5 | 11.5 | 0.0 | 0% |
| South Africa | 9.7 | 10.6 | 11.0 | 11.5 | 11.2 | 10.5 | -0.7 | -7% |
| Chile | 10.5 | 12.6 | 12.8 | 10.5 | 12.9 | 10.1 | -2.7 | -21% |
| Germany | 9.1 | 9.0 | 8.4 | 9.2 | 8.8 | 8.4 | -0.4 | -4% |
| Portugal | 5.6 | 6.3 | 6.2 | 6.2 | 7.0 | 5.6 | -1.4 | -20% |
| Russian Federation | 7.0 | 6.2 | 5.3 | 4.9 | 4.9 | 4.9 | 0.0 | 0% |
| Romania | 4.1 | 3.3 | 5.1 | 3.7 | 3.5 | 4.9 | 1.3 | 37% |
| New Zealand | 2.4 | 1.9 | 2.5 | 3.2 | 2.3 | 3.1 | 0.8 | 34% |
| Hungary | 2.8 | 1.8 | 2.6 | 2.6 | 2.9 | 2.7 | -0.2 | -6% |
| Greece | 2.8 | 3.1 | 3.3 | 2.8 | 2.5 | 2.6 | 0.0 | 2% |
| Serbia | 2.2 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 0.0 | 0% |
| Austria | 2.8 | 2.1 | 2.4 | 2.0 | 2.3 | 1.8 | -0.5 | -21% |
| Georgia | 1.1 | 0.8 | 1.0 | 1.1 | 1.7 | 1.7 | 0.0 | 0% |
| Moldova | 1.5 | 1.5 | 2.6 | 1.6 | 1.7 | 1.7 | 0.0 | 0% |
| Brazil | 3.5 | 3.0 | 2.7 | 2.7 | 2.8 | 1.4 | -1.4 | -50% |
| Bulgaria | 1.1 | 1.3 | 1.8 | 0.8 | 1.3 | 1.3 | 0.0 | 0% |
| OIV World Total | 268 | 258 | 289 | 271 | 274 | 259 | -15 | -5% |

(1): Countries for which information has been provided with a wine production of more than 1 mhl
 (2): Include data/ comments received by September 2016
 Italic: report 2015, figures for last year are not yet available.

Wine Production

Total of wine, including sparkling and special wines, excluding juice and musts

Wine Production in 2016



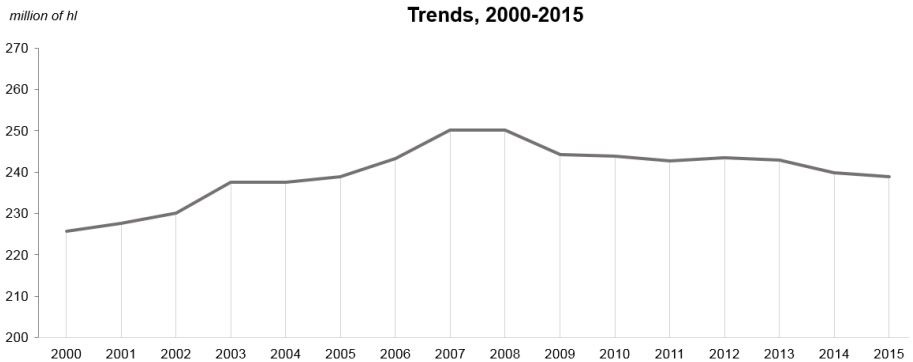
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Wine Consumption

Including sparkling and special wines

239 mhl is the world consumption of wine of grapes in 2015

Evolution of world wine consumption



2015 world wine consumption is estimated at 239 mhl.

Since the beginning of the economic and financial crisis of 2008, global consumption seems to have stabilised overall at around 240 mhl.

Wine consumption

| mhl | 2011 2012 2013 2014 2015 | | | | | 2015/2014 Variation in % | World share | | | |
|--------------------|--------------------------|------------|------------|------------|------------|--------------------------------|-------------|-----|-----|-----|
| | 2000 | 2005 | 2010 | 2015 | | | | | | |
| USA | 28 | 29 | 30 | 31 | 31 | 1,0% | 9% | 11% | 11% | 13% |
| France | 28 | 28 | 28 | 28 | 27 | -1,2% | 15% | 14% | 12% | 11% |
| Italy | 23 | 23 | 22 | 20 | 21 | 0,3% | 14% | 11% | 10% | 8% |
| Germany | 20 | 20 | 20 | 20 | 20 | 3,2% | 5% | 5% | 6% | 9% |
| China | 16 | 17 | 16 | 15 | 16 | -1,4% | 9% | 8% | 8% | 8% |
| United Kingdom | 13 | 13 | 13 | 13 | 13 | 2,4% | 4% | 6% | 5% | 5% |
| Argentina | 10 | 10 | 10 | 10 | 10 | -4,0% | 6% | 5% | 4% | 4% |
| Spain | 10 | 10 | 10 | 10 | 10 | 1,3% | 6% | 6% | 4% | 4% |
| Russian Federation | 12 | 11 | 10 | 10 | 9 | -6,3% | 2% | 4% | 5% | 4% |
| Australia | 5 | 5 | 5 | 5 | 5 | -1,5% | 2% | 2% | 2% | 2% |
| Canada | 5 | 5 | 5 | 5 | 5 | 3,0% | 1% | 2% | 2% | 2% |
| Portugal | 5 | 5 | 5 | 5 | 5 | 1,6% | 2% | 2% | 2% | 2% |
| South Africa | 4 | 4 | 4 | 4 | 4 | 7,5% | 2% | 1% | 1% | 2% |
| World Total | 243 | 243 | 243 | 240 | 239 | -0,4% | | | | |

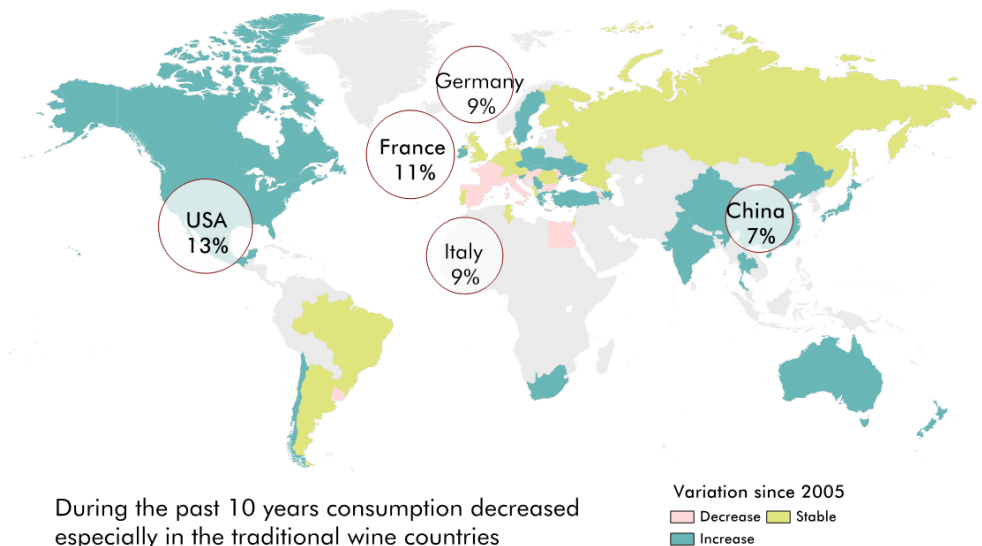
(1): Countries for which information has been provided with a wine consumption of more than 4 mhl

Wine Consumption

Including sparkling and special wines

Wine consumption seems to be **decreasing** in the **traditional wine countries** of southern Europe.

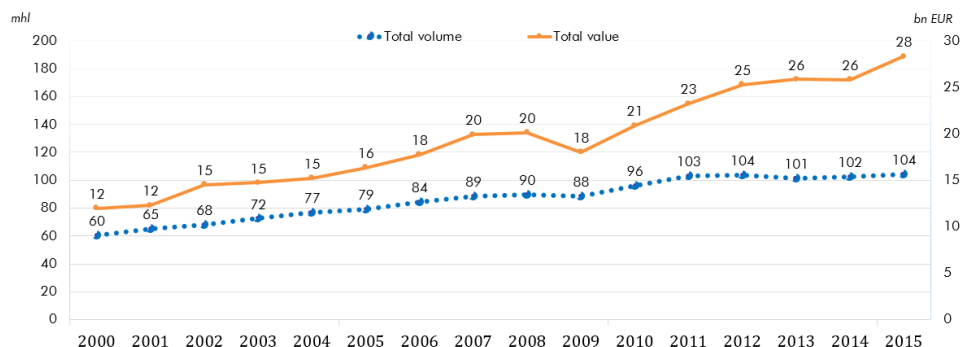
Progressive increase of the “international wine” (wine traded internationally) versus wine consumed domestically, wine is more and more consumed outside its producing country.



During the past 10 years consumption decreased especially in the traditional wine countries

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Evolution of wine trade in volume and value



In 2015 the global market (considered here as the total exports of all countries) reaches **104.3 mhl** in terms of volume – an increase of almost 2% compared with 2014 – and **28.3 bn EUR** in terms of value – a rise of 10%/2014.

Wine trade in 2014 is largely dominated by Spain, Italy and France, which together represented more than half of the exports in terms of value and 56% of the world market in terms of volume.

World trade by type of product

| billion of € | 2014 | 2015 | Variation (bn €) | | mhl | 2014 | 2015 | Variation (mhl) | Variation % |
|-------------------|-------------|-------------|------------------|-------------|-------------------|------------|------------|-----------------|-------------|
| Sparkling | 5 | 5 | 1 | 11% | Sparkling | 382 | 396 | 14.6 | 4% |
| Bottled | 18 | 20 | 2 | 10% | Bottled | 70 | 74 | 3.9 | 6% |
| Bulk | 3 | 3 | 0 | 4% | Bulk | 557 | 556 | -0.8 | 0% |
| Total Wine | 25.8 | 28.3 | 2.5 | 9.8% | Total Wine | 102 | 104 | 1.9 | 1.9% |

Wine Trade

Top exporters (in volume)

| <i>mhl</i> | 2011 | 2012 | 2013 | 2014 | 2015 | 2015/2014 Variation in % |
|--------------------|------------|------------|------------|------------|------------|-----------------------------|
| Spain | 22.0 | 21.4 | 18.2 | 22.3 | 24.0 | 7.5% |
| Italy | 23.5 | 21.2 | 20.3 | 20.4 | 20.0 | -2.0% |
| France | 14.7 | 15.0 | 14.5 | 14.3 | 14.0 | -2.3% |
| Chile | 6.3 | 7.5 | 8.8 | 8.1 | 8.8 | 8.6% |
| Australia | 7.0 | 7.2 | 7.1 | 7.0 | 7.4 | 6.4% |
| South Africa | 3.6 | 4.2 | 5.3 | 4.2 | 4.2 | 0.6% |
| USA | 4.2 | 4.0 | 4.2 | 4.0 | 4.2 | 3.5% |
| Germany | 4.1 | 4.0 | 4.0 | 3.9 | 3.6 | -6.6% |
| Portugal | 3.1 | 3.4 | 3.0 | 2.8 | 2.8 | -1.2% |
| Argentina | 3.1 | 3.7 | 3.1 | 2.6 | 2.7 | 1.9% |
| New Zelande | 1.5 | 1.8 | 1.8 | 1.9 | 2.1 | 11.5% |
| World Total | 103 | 104 | 101 | 102 | 104 | 1.9% |

Top exporters (in value)

| <i>billion of €</i> | 2011 | 2012 | 2013 | 2014 | 2015 | 2015/2014 Variation in % |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------|
| France | 7.2 | 7.8 | 7.8 | 7.7 | 8.2 | 6.8% |
| Italy | 4.4 | 4.7 | 5.0 | 5.1 | 5.4 | 5.3% |
| Spain | 2.2 | 2.4 | 2.6 | 2.5 | 2.6 | 4.4% |
| Chile | 1.2 | 1.4 | 1.4 | 1.4 | 1.6 | 18.9% |
| Australia | 1.4 | 1.5 | 1.3 | 1.3 | 1.5 | 15.6% |
| USA | 1.0 | 1.1 | 1.2 | 1.1 | 1.4 | 26.4% |
| New Zealand | 0.6 | 0.8 | 0.8 | 0.8 | 1.0 | 13.9% |
| Germany | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | -2.4% |
| Portugal | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 1.8% |
| Argentina | 0.6 | 0.7 | 0.7 | 0.6 | 0.7 | 16.8% |
| South Africa | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 6.0% |
| World Total | 23 | 25 | 26 | 26 | 28 | 9.8% |

Top importers (in volume)

| <i>mhl</i> | 2011 | 2012 | 2013 | 2014 | 2015 | 2015/2014 Variation in % |
|--------------------|-----------|-----------|-----------|------------|------------|-----------------------------|
| Germany | 16.1 | 15.3 | 15.2 | 15.4 | 15.1 | -2% |
| UK | 13.3 | 12.8 | 11.8 | 13.6 | 13.6 | 0% |
| USA | 10.2 | 11.7 | 11.0 | 10.7 | 11.0 | 3% |
| France | 6.7 | 5.4 | 6.0 | 6.9 | 7.8 | 12% |
| China | 3.7 | 3.9 | 3.8 | 3.8 | 5.6 | 45% |
| Canada | 3.6 | 3.8 | 3.7 | 3.8 | 4.1 | 7% |
| Russian Federation | 5.0 | 4.9 | 4.9 | 4.7 | 4.0 | -14% |
| World Total | 99 | 99 | 99 | 101 | 102 | 1.3% |

Top importers (in value)

| <i>billion of €</i> | 2011 | 2012 | 2013 | 2014 | 2015 | 2015/2014 Variation in % |
|---------------------|-----------|-----------|-----------|-----------|-----------|-----------------------------|
| USA | 3.5 | 3.9 | 3.9 | 4.0 | 4.9 | 20% |
| UK | 3.4 | 3.9 | 3.6 | 3.6 | 3.9 | 9% |
| Germany | 2.4 | 2.4 | 2.6 | 2.6 | 2.5 | -4% |
| China | 1.0 | 1.2 | 1.2 | 1.1 | 1.8 | 61% |
| Canada | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 10% |
| Japon | 0.9 | 1.2 | 1.2 | 1.2 | 1.3 | 9% |
| World Total | 23 | 25 | 25 | 26 | 28 | 9.7% |

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