United States
Department of
Agriculture
Foreign
Agricultural
Service
February 2019

## Citrus: World Markets and Trade

## Oranges

Global orange production for 2018/19 is forecast to expand 4.2 million metric tons (tons) from the previous year to 51.8 million as favorable weather leads to larger crops in Brazil and the United States. Consequently, fruit for both fresh and processing uses is expected to be greater. Fresh exports are forecast 4 percent higher to 5.1 million tons.

Brazil's production is forecast to rise 13 percent to 17.8 million tons as favorable weather is expected to result in good bloom and fruit set. Fresh orange consumption and exports are flat while oranges for processing are up 2.0 million tons to 12.8 million.

China's production is projected down slightly to 7.2 million on unfavorable weather, resulting in a smaller crop in Jiangxi province. Along with only a small increase in imports, consumption is lower on overall reduced supplies. South Africa and Egypt are the top two suppliers, accounting for 60 percent of imports.
U.S. production is forecast to recover, jumping 41 percent to 5.0 million tons due to favorable weather. Orange production in Florida has been declining for years due to citrus greening, which has decimated groves and increased costs for crop maintenance. However, last year, the industry also suffered from damages caused by Hurricane Irma.
 This year's higher
forecast shows a recovery to recent-year levels. Exports, consumption, and fruit for processing are all higher with the larger crop.

Production in the European Union is forecast to rise 4 percent to 6.5 million tons due to favorable weather in Spain and Portugal that facilitated good flowering and fruit set. Imports are flat while oranges for processing and fresh consumption are both higher on greater supplies.

Egypt's production is forecast at a record 3.4 million tons, up 10 percent from last year on expanding area and extended seasons by shifting back harvest dates due to long hot summers. Exports are projected 60,000 tons higher to a record 1.6 million on greater supplies, accounting for 30 percent of global trade. Top export markets include the European Union, Russia, Saudi Arabia, and Ukraine.

South Africa's production is expected to rise 5 percent to 1.6 million tons due to favorable weather and expanded area. Exports are forecast at a record 1.3 million tons and account for 25 percent of global trade. The European Union remains the top export market followed by China and Russia.

Mexico's production is projected up 100,000 tons to 4.6 million, which is expected to boost fruit used for processing.

Morocco's production is forecast 18 percent higher to a record 1.2 million tons on favorable weather. Exports and consumption are also forecast higher on greater supplies.

## Orange Juice

Global orange juice production for 2018/19 is forecast 23 percent higher to 2.0 million tons ( 65 degrees brix) as Brazil and U.S. production rebounds 19 and 75 percent, respectively, with the increase in orange production in both countries. Consumption and exports are both forecast higher with the rise in production.


Brazil's production is forecast to rebound 194,000 tons to 1.2 million with more oranges for processing. Consumption is forecast unchanged and exports are forecast 10 percent higher. As the largest producer, Brazil accounts for over three-quarters of global orange juice exports.
U.S. production is forecast up 140,000 tons to 327,000 as more oranges are available for processing due to recovery from damages caused by Hurricane Irma last year. The jump in production raises consumption, stocks, and exports. Imports are expected lower with the higher domestic supply.

Mexico's production is projected 8 percent higher to 210,000 tons on a rise in oranges available for processing. Consumption is flat while exports climb with greater supplies.

Production in the European Union is projected up 9 percent to 106,000 tons on increased orange supply. Consumption is flat while imports are down slightly. The European Union remains the top orange juice importer and consumer.

## Tangerines/Mandarins

Global production for 2018/19 is forecast up 1.5 million tons to a record 31.4 million, with larger crops in China and the European Union more than offsetting a decline in Turkey. Consumption and exports are at record levels with the increase in available supply.


China's production is forecast to rise 800,000 tons to a record 22.0 million due to favorable weather and rapid expansion in crop area devoted to newer easy-to-peel varieties. As the largest producer, China represents over 70 percent of global production and consumption and over onefifth of global exports.

Production in the European Union is expected to jump 16 percent to 3.4 million tons due to favorable spring and summer weather conditions in Spain and Italy. Consumption, fruit for processing, and exports are all expected up on increased available supplies while imports are flat. Morocco and South Africa are the leading import suppliers.

Turkey's production is forecast 10 percent lower at 1.2 million tons due to unfavorable hot weather. Consumption and exports are expected to decline with the reduced supplies.

Production in Morocco is projected to climb 14 percent to 1.4 million tons due to favorable weather and higher area. Consumption and exports are forecast up due to the jump in production. Russia and the European Union are the top export markets.
U.S. production is forecast to rebound 149,000 tons to 878,000 , due to favorable weather. Consumption is up due to higher available supplies while exports remain unchanged.

## Grapefruit

Global production in 2018/19 is forecast up 4 percent to a record 7.0 million tons as the crop in the United States rebounds from the damage from Hurricane Irma last year and as China's production benefits from favorable weather and expanding area. Consumption (up 3 percent) and exports (up 8 percent) are forecast at new records with the higher available supplies.

China's production is forecast to rise 2 percent to a record 4.9 million tons on favorable weather and expanded area. Consumption and exports are also forecast at record highs.
U.S. production is projected 29 percent higher to 606,000 tons, mostly reflecting recovery of Florida's crop from damage caused by Hurricane Irma the previous year. The crop, however, has been on a declining trend due to the effects of citrus greening that continue to

cause fruit to drop before it is ripe. Consumption, fruit for processing, and exports are all forecast higher due to the sharp expansion in available supplies.

South Africa's production is expected to rise 7 percent to a record 450,000 tons, due to favorable weather and greater area. Consumption and exports are forecast at new records with the higher supplies.

Mexico's production is forecast unchanged at 445,000 tons along with no change in consumption or exports.

Turkey's production is forecast at a record 270,000 tons. Consumption is down due to weak consumer demand for grapefruit while exports are projected up to a record 200,000 tons.

Production in the European Union is estimated up 4 percent to 112,000 tons due to a rise in area. Consumption and exports are unchanged while imports are down slightly due to the increase in supply.

## Lemons/Limes

Global production in 2018/19 is forecast up 400,000 tons to a record 8.2 million. Higher production in Argentina, the European Union, and Turkey is expected to more than offset a decline in the United States. With the gain in available supplies, global consumption and exports are both forecast at new records.

Mexico's production is forecast to expand slightly to a record 2.6 million as more area is expected to come into full production. Consumption is forecast at a new record, and exports are up slightly due to the greater supplies.

## Argentina's

production is forecast to rise 100,000 tons to 1.6 million due to favorable weather. Greater supplies will lead to record levels
 of fruit for processing and exports, with the latter projected to reach 290,000 tons. The European Union is the top market accounting for over two-thirds of exports.

Production in the European Union is projected 10 percent higher to 1.6 million tons due to favorable weather and increased area. Consumption and exports are both up with the larger supplies.

Turkey's production is forecast to surge 15 percent to a record 948,000 tons due to favorable weather. The larger crop will lead to higher consumption and an expected record 610,000 tons for exports.
U.S. production is forecast down 4 percent to 777,000 tons on the expected smaller crop in California due to unfavorable weather. Consumption is up slightly as higher imports more than offset the decline in production.

Production in South Africa is forecast to climb 4 percent to a record 480,000 tons as a result of favorable weather and higher area. Improved supplies will lead to record fruit for processing and record exports of 330,000 tons.

For further information, please contact Reed Blauer at (202) 720-0898 or Reed.Blauer@fas.usda.gov

## FAS Reports from Overseas Offices

The Citrus: World Markets and Trade circular is based on reports from FAS Overseas Posts since December 2018 and on available secondary information. Individual country reports can be obtained on FAS Online at: http://gain.fas.usda.gov/Pages/Default.aspx.

## PSD Online

The entire USDA PSD database is available online at https://apps.fas.usda.gov/psdonline/app/index.html\#/app/home

## Additional Resources

Please refer to the USDA-FAS Citrus website at: http://www.fas.usda.gov/commodities/fruits-and-vegetables/citrus-fruit for additional data and analysis.

Situation and outlook information on U.S. citrus can be obtained from the USDA-Economic Research Service at: http://www.ers.usda.gov/topics/crops/fruit-tree-nuts.aspx.

## Future Releases and Contact Information

Please visit http://www.fas.usda.gov/data/citrus-world-markets-and-trade to view archived and future releases. The next release of this circular is scheduled for July 2019.

To receive the circular via email, go to:
https://public.govdelivery.com/accounts/USDAFAS/subscriber/new.

|  | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | $\begin{array}{r} \text { Feb } \\ 2018 / 19 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production |  |  |  |  |  |  |
| Brazil | 17,870 | 16,714 | 14,414 | 20,890 | 15,708 | 17,750 |
| China | 7,600 | 6,600 | 6,900 | 7,000 | 7,300 | 7,200 |
| European Union | 6,550 | 5,954 | 6,038 | 6,739 | 6,269 | 6,512 |
| United States | 6,140 | 5,763 | 5,523 | 4,616 | 3,555 | 5,022 |
| Mexico | 4,533 | 4,515 | 4,603 | 4,630 | 4,530 | 4,630 |
| Egypt | 2,570 | 2,635 | 2,930 | 3,000 | 3,120 | 3,420 |
| Turkey | 1,700 | 1,650 | 1,800 | 1,850 | 1,905 | 1,885 |
| South Africa | 1,723 | 1,645 | 1,275 | 1,363 | 1,550 | 1,620 |
| Morocco | 1,001 | 868 | 925 | 1,037 | 1,021 | 1,200 |
| Vietnam | 590 | 566 | 637 | 768 | 770 | 770 |
| Argentina | 800 | 800 | 800 | 700 | 600 | 500 |
| Australia | 430 | 430 | 455 | 480 | 515 | 500 |
| Costa Rica | 315 | 220 | 335 | 322 | 315 | 310 |
| Guatemala | 154 | 161 | 177 | 179 | 180 | 180 |
| Israel | 69 | 86 | 86 | 81 | 76 | 90 |
| Other | 209 | 166 | 179 | 183 | 182 | 183 |
| Total | 52,254 | 48,773 | 47,077 | 53,838 | 47,596 | 51,772 |
| Fresh Dom. Consumption |  |  |  |  |  |  |
| China | 6,865 | 6,043 | 6,446 | 6,717 | 7,058 | 6,950 |
| European Union | 5,549 | 5,333 | 5,407 | 5,950 | 5,735 | 5,874 |
| Brazil | 6,036 | 5,196 | 4,940 | 4,761 | 4,933 | 4,976 |
| Mexico | 3,312 | 2,947 | 2,929 | 2,473 | 2,573 | 2,470 |
| Egypt | 1,385 | 1,350 | 1,380 | 1,380 | 1,480 | 1,690 |
| Turkey | 1,284 | 1,310 | 1,366 | 1,402 | 1,386 | 1,400 |
| United States | 1,357 | 1,263 | 1,346 | 1,184 | 1,253 | 1,277 |
| Morocco | 820 | 688 | 811 | 822 | 826 | 950 |
| Vietnam | 661 | 602 | 695 | 811 | 832 | 835 |
| Russia | 467 | 438 | 470 | 425 | 458 | 475 |
| Saudi Arabia | 274 | 384 | 371 | 357 | 362 | 370 |
| Iraq | 305 | 247 | 262 | 258 | 335 | 345 |
| Australia | 206 | 175 | 235 | 250 | 245 | 245 |
| Bangladesh | 113 | 118 | 176 | 169 | 221 | 241 |
| Argentina | 524 | 450 | 469 | 350 | 280 | 230 |
| Other | 1,708 | 1,650 | 1,757 | 1,643 | 1,634 | 1,674 |
| Total | 30,866 | 28,194 | 29,060 | 28,952 | 29,611 | 30,002 |
| For Processing |  |  |  |  |  |  |
| Brazil | 11,832 | 11,506 | 9,466 | 16,116 | 10,771 | 12,770 |
| United States | 4,420 | 4,133 | 3,684 | 3,001 | 2,014 | 3,350 |
| Mexico | 1,200 | 1,550 | 1,650 | 2,100 | 1,900 | 2,100 |
| European Union | 1,474 | 1,251 | 1,286 | 1,491 | 1,253 | 1,363 |
| China | 715 | 650 | 600 | 580 | 570 | 590 |
| Costa Rica | 208 | 125 | 230 | 238 | 232 | 227 |
| Argentina | 200 | 278 | 270 | 273 | 257 | 223 |
| South Africa | 471 | 403 | 142 | 123 | 201 | 220 |
| Egypt | 85 | 85 | 100 | 100 | 100 | 130 |
| Turkey | 100 | 80 | 100 | 100 | 98 | 95 |
| Other | 200 | 200 | 129 | 141 | 141 | 160 |
| Total | 20,905 | 20,261 | 17,657 | 24,263 | 17,537 | 21,228 |

[^0]|  | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | $\begin{array}{r} \text { Feb } \\ 2018 / 19 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Exports |  |  |  |  |  |  |
| Egypt | 1,100 | 1,200 | 1,450 | 1,520 | 1,540 | 1,600 |
| South Africa | 1,144 | 1,160 | 1,064 | 1,171 | 1,280 | 1,330 |
| United States | 506 | 522 | 657 | 613 | 510 | 595 |
| Turkey | 349 | 305 | 371 | 397 | 454 | 430 |
| European Union | 346 | 297 | 319 | 293 | 324 | 325 |
| Australia | 126 | 156 | 161 | 191 | 230 | 215 |
| Hong Kong | 49 | 74 | 107 | 176 | 182 | 190 |
| Morocco | 111 | 130 | 89 | 165 | 145 | 190 |
| Mexico | 47 | 44 | 56 | 75 | 75 | 78 |
| China | 108 | 53 | 74 | 60 | 65 | 60 |
| Argentina | 76 | 72 | 65 | 80 | 68 | 50 |
| Brazil | 19 | 30 | 26 | 33 | 24 | 24 |
| Israel | 6 | 6 | 6 | 5 | 4 | 5 |
| Russia | 2 | 2 | 3 | 5 | 5 | 5 |
| Singapore | 9 | 8 | 8 | 6 | 5 | 5 |
| Other | 3 | 2 | 2 | 4 | 3 | 3 |
| Total | 4,001 | 4,061 | 4,458 | 4,794 | 4,914 | 5,105 |
| Imports |  |  |  |  |  |  |
| European Union | 819 | 927 | 974 | 995 | 1,043 | 1,050 |
| Russia | 469 | 440 | 473 | 430 | 463 | 480 |
| China | 88 | 146 | 220 | 357 | 393 | 400 |
| Saudi Arabia | 274 | 384 | 371 | 357 | 362 | 370 |
| Hong Kong | 230 | 256 | 286 | 315 | 345 | 350 |
| Iraq | 189 | 180 | 189 | 183 | 260 | 270 |
| Bangladesh | 95 | 97 | 155 | 148 | 200 | 220 |
| United States | 143 | 155 | 164 | 182 | 222 | 200 |
| Canada | 183 | 190 | 204 | 183 | 190 | 195 |
| United Arab Emirates | 220 | 230 | 219 | 202 | 177 | 185 |
| Korea, South | 100 | 111 | 154 | 143 | 141 | 150 |
| Malaysia | 100 | 102 | 101 | 98 | 92 | 100 |
| Japan | 87 | 83 | 100 | 92 | 83 | 90 |
| Ukraine | 106 | 69 | 76 | 73 | 90 | 85 |
| Costa Rica | 56 | 35 | 52 | 71 | 72 | 72 |
| Switzerland | 63 | 67 | 71 | 68 | 70 | 70 |
| Vietnam | 71 | 36 | 58 | 43 | 62 | 65 |
| Singapore | 48 | 46 | 44 | 42 | 41 | 41 |
| Turkey | 33 | 45 | 37 | 49 | 33 | 40 |
| Norway | 34 | 36 | 38 | 35 | 33 | 35 |
| Guatemala | 31 | 24 | 34 | 36 | 22 | 25 |
| Australia | 16 | 16 | 18 | 21 | 20 | 20 |
| Brazil | 17 | 18 | 18 | 20 | 20 | 20 |
| Mexico | 26 | 26 | 32 | 18 | 18 | 18 |
| Mozambique | 7 | 11 | 5 | 5 | 6 | 6 |
| Other | 13 | 13 | 5 | 5 | 8 | 6 |
| Total | 3,518 | 3,743 | 4,098 | 4,171 | 4,466 | 4,563 |

Split years refer to the harvest and marketing period, which corresponds roughly to November-October in the Northern Hemisphere.

For the Southern Hemisphere, harvest occurs almost entirely during the second year shown and the harvest and marketing period begins in the second year shown:

Argentina - January through December
South Africa - February through January
Australia - April through March
Brazil - July through June.

Import and export totals may not equal due in part to different marketing years such as those listed above.
(1,000 Metric Tons at 65 Degrees Brix)

|  | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | $\begin{array}{r} \text { Feb } \\ 2018 / 19 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production |  |  |  |  |  |  |
| Brazil | 1,230 | 1,006 | 859 | 1,447 | 1,041 | 1,235 |
| United States | 476 | 425 | 361 | 303 | 187 | 327 |
| Mexico | 126 | 159 | 166 | 210 | 195 | 210 |
| European Union | 114 | 97 | 100 | 116 | 97 | 106 |
| China | 55 | 50 | 46 | 45 | 44 | 45 |
| South Africa | 48 | 55 | 21 | 19 | 32 | 35 |
| Turkey | 9 | 8 | 9 | 9 | 9 | 10 |
| Other | 18 | 18 | 13 | 16 | 15 | 16 |
| Total | 2,076 | 1,818 | 1,574 | 2,164 | 1,619 | 1,984 |
| Domestic Consumption |  |  |  |  |  |  |
| European Union | 799 | 937 | 826 | 741 | 741 | 736 |
| United States | 700 | 663 | 631 | 581 | 575 | 597 |
| China | 111 | 99 | 83 | 97 | 96 | 99 |
| Canada | 94 | 87 | 93 | 86 | 84 | 89 |
| Japan | 68 | 80 | 78 | 72 | 72 | 72 |
| Brazil | 35 | 35 | 38 | 38 | 40 | 40 |
| Australia | 40 | 40 | 40 | 38 | 37 | 37 |
| Other | 105 | 87 | 90 | 86 | 78 | 80 |
| Total | 1,953 | 2,027 | 1,879 | 1,739 | 1,723 | 1,749 |
| Ending Stocks |  |  |  |  |  |  |
| United States | 347 | 358 | 302 | 268 | 262 | 277 |
| Brazil | 329 | 147 | 6 | 185 | 97 | 85 |
| Japan | 11 | 18 | 13 | 12 | 24 | 22 |
| European Union | 15 | 15 | 15 | 15 | 15 | 15 |
| Korea, South | 1 | 3 | 5 | 2 | 4 | 3 |
| Other | 30 | 32 | 13 | 2 | 3 | 5 |
| Total | 733 | 572 | 353 | 485 | 405 | 407 |
| Exports |  |  |  |  |  |  |
| Brazil | 1,200 | 1,153 | 962 | 1,230 | 1,089 | 1,207 |
| Mexico | 121 | 153 | 158 | 204 | 187 | 203 |
| European Union | 57 | 50 | 52 | 63 | 55 | 60 |
| United States | 113 | 81 | 66 | 57 | 35 | 40 |
| South Africa | 31 | 45 | 35 | 28 | 31 | 33 |
| Other | 30 | 32 | 32 | 32 | 34 | 35 |
| Total | 1,552 | 1,514 | 1,305 | 1,613 | 1,432 | 1,578 |
| Imports |  |  |  |  |  |  |
| European Union | 742 | 890 | 778 | 688 | 699 | 690 |
| United States | 300 | 330 | 280 | 301 | 417 | 325 |
| Canada | 98 | 91 | 97 | 90 | 85 | 90 |
| Japan | 63 | 86 | 73 | 71 | 83 | 70 |
| China | 57 | 49 | 40 | 55 | 55 | 56 |
| Russia | 45 | 38 | 37 | 35 | 31 | 32 |
| Australia | 32 | 32 | 32 | 32 | 31 | 31 |
| Other | 53 | 47 | 54 | 47 | 54 | 51 |
| Total | 1,391 | 1,563 | 1,391 | 1,320 | 1,456 | 1,345 |

For 2007/08 and after, one metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and $1,392.6$ gallons at single strength equivalent. One metric ton of 65 degrees brix equals 344.8 gallons at 42 degrees brix and 1,405.88 gallons at single strength equivalent for 2006/2007 and earlier.

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere.

For the Southern Hemisphere, harvest occurs almost entirely during the second year shown and the harvest and marketing period begins in the second year shown:
South Africa - February through January
Australia - April through March
Brazil - July through June

Import and export totals may not equal due in part to different marketing years such as those listed above.

|  | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | $\begin{array}{r} \text { Feb } \\ 2018 / 19 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production |  |  |  |  |  |  |
| China | 17,850 | 19,400 | 20,200 | 20,600 | 21,200 | 22,000 |
| European Union | 3,213 | 3,474 | 3,086 | 3,421 | 2,939 | 3,416 |
| Morocco | 1,160 | 1,003 | 1,065 | 1,278 | 1,185 | 1,350 |
| Turkey | 880 | 960 | 1,040 | 1,300 | 1,310 | 1,180 |
| Japan | 1,124 | 1,040 | 933 | 1,070 | 990 | 1,000 |
| United States | 700 | 810 | 861 | 933 | 729 | 878 |
| Korea, South | 672 | 697 | 635 | 600 | 577 | 610 |
| South Africa | 195 | 203 | 226 | 261 | 280 | 300 |
| Argentina | 370 | 350 | 350 | 320 | 350 | 280 |
| Israel | 139 | 205 | 190 | 243 | 162 | 220 |
| Other | 183 | 164 | 162 | 164 | 161 | 161 |
| Total | 26,486 | 28,306 | 28,748 | 30,190 | 29,883 | 31,395 |
| Fresh Dom. Consumption |  |  |  |  |  |  |
| China | 16,524 | 18,053 | 18,910 | 19,413 | 20,058 | 20,890 |
| European Union | 2,848 | 3,206 | 2,988 | 3,265 | 2,892 | 3,306 |
| Japan | 1,041 | 959 | 860 | 989 | 912 | 922 |
| United States | 720 | 759 | 769 | 862 | 876 | 893 |
| Russia | 852 | 782 | 724 | 841 | 836 | 855 |
| Morocco | 659 | 656 | 599 | 762 | 646 | 765 |
| Korea, South | 575 | 535 | 547 | 542 | 503 | 548 |
| Other | 1,640 | 1,588 | 1,662 | 1,770 | 1,694 | 1,644 |
| Total | 24,859 | 26,538 | 27,059 | 28,444 | 28,417 | 29,823 |
| For Processing |  |  |  |  |  |  |
| China | 600 | 630 | 660 | 650 | 640 | 620 |
| European Union | 385 | 348 | 271 | 372 | 312 | 355 |
| United States | 131 | 221 | 288 | 309 | 171 | 235 |
| Argentina | 82 | 97 | 110 | 110 | 130 | 100 |
| Japan | 90 | 90 | 87 | 98 | 95 | 95 |
| Korea, South | 93 | 159 | 85 | 56 | 72 | 60 |
| Israel | 24 | 45 | 40 | 55 | 32 | 40 |
| Other | 20 | 24 | 12 | 25 | 6 | 6 |
| Total | 1,425 | 1,614 | 1,553 | 1,675 | 1,458 | 1,511 |
| Exports |  |  |  |  |  |  |
| Turkey | 532 | 610 | 575 | 710 | 762 | 710 |
| Morocco | 501 | 347 | 466 | 516 | 539 | 585 |
| China | 744 | 736 | 658 | 587 | 556 | 540 |
| South Africa | 153 | 157 | 190 | 210 | 261 | 280 |
| European Union | 349 | 287 | 250 | 236 | 216 | 235 |
| Israel | 78 | 93 | 87 | 120 | 88 | 110 |
| United States | 31 | 42 | 36 | 36 | 35 | 35 |
| Other | 95 | 59 | 56 | 45 | 44 | 34 |
| Total | 2,483 | 2,331 | 2,318 | 2,460 | 2,501 | 2,529 |
| Imports |  |  |  |  |  |  |
| Russia | 852 | 782 | 724 | 841 | 836 | 855 |
| European Union | 369 | 367 | 423 | 452 | 481 | 480 |
| United States | 182 | 212 | 232 | 274 | 353 | 285 |
| Canada | 117 | 141 | 146 | 154 | 155 | 155 |
| Ukraine | 202 | 125 | 126 | 138 | 150 | 155 |
| Vietnam | 149 | 158 | 116 | 118 | 135 | 140 |
| Thailand | 139 | 130 | 149 | 116 | 73 | 90 |
| Philippines | 51 | 54 | 68 | 68 | 83 | 82 |
| Malaysia | 65 | 70 | 69 | 64 | 67 | 70 |
| Indonesia | 109 | 87 | 60 | 69 | 60 | 60 |
| Other | 46 | 51 | 69 | 95 | 100 | 96 |
| Total | 2,281 | 2,177 | 2,182 | 2,389 | 2,493 | 2,468 |

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern
Hemisphere and April-March in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

Import and export totals may not equal due in part to different marketing years such as those listed above.

## (1,000 Metric Tons)

|  | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | $\begin{array}{r} \text { Feb } \\ 2018 / 19 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production |  |  |  |  |  |  |
| China | 3,717 | 4,050 | 4,350 | 4,600 | 4,800 | 4,900 |
| United States | 950 | 826 | 728 | 633 | 469 | 606 |
| South Africa | 413 | 387 | 315 | 354 | 419 | 450 |
| Mexico | 424 | 424 | 438 | 442 | 445 | 445 |
| Turkey | 235 | 238 | 250 | 253 | 265 | 270 |
| Israel | 236 | 186 | 163 | 149 | 144 | 155 |
| European Union | 92 | 109 | 107 | 106 | 108 | 112 |
| Other | 0 | 26 | 25 | 25 | 22 | 24 |
| Total | 6,067 | 6,246 | 6,376 | 6,562 | 6,672 | 6,962 |
| Fresh Dom. Consumption |  |  |  |  |  |  |
| China | 3,578 | 3,957 | 4,224 | 4,460 | 4,670 | 4,740 |
| European Union | 417 | 415 | 438 | 398 | 445 | 445 |
| Mexico | 328 | 323 | 331 | 334 | 333 | 333 |
| United States | 346 | 325 | 287 | 282 | 245 | 307 |
| Russia | 133 | 101 | 117 | 106 | 130 | 140 |
| Japan | 109 | 125 | 105 | 108 | 92 | 103 |
| Turkey | 63 | 96 | 62 | 131 | 76 | 71 |
| Canada | 42 | 40 | 39 | 37 | 36 | 38 |
| Ukraine | 27 | 15 | 18 | 15 | 25 | 30 |
| Israel | 24 | 8 | 10 | 8 | 8 | 8 |
| Other | 20 | 17 | 17 | 18 | 19 | 20 |
| Total | 5,087 | 5,422 | 5,648 | 5,897 | 6,079 | 6,235 |
| For Processing |  |  |  |  |  |  |
| United States | 470 | 370 | 333 | 268 | 184 | 254 |
| South Africa | 203 | 168 | 111 | 118 | 127 | 135 |
| Mexico | 84 | 84 | 87 | 88 | 93 | 93 |
| Israel | 134 | 117 | 92 | 80 | 68 | 72 |
| European Union | 16 | 18 | 20 | 19 | 20 | 20 |
| Other | 0 | 1 | 1 | 1 | 2 | 2 |
| Total | 907 | 758 | 644 | 574 | 494 | 576 |
| Exports |  |  |  |  |  |  |
| South Africa | 217 | 221 | 203 | 231 | 288 | 310 |
| China | 165 | 124 | 159 | 180 | 208 | 230 |
| Turkey | 177 | 145 | 190 | 125 | 190 | 200 |
| Israel | 78 | 61 | 61 | 61 | 68 | 75 |
| United States | 147 | 141 | 124 | 108 | 58 | 60 |
| Hong Kong | 8 | 10 | 11 | 15 | 30 | 40 |
| Mexico | 14 | 19 | 22 | 21 | 20 | 20 |
| Other | 19 | 15 | 15 | 15 | 17 | 17 |
| Total | 825 | 736 | 785 | 756 | 879 | 952 |
| Imports |  |  |  |  |  |  |
| European Union | 360 | 339 | 365 | 326 | 374 | 370 |
| Russia | 133 | 101 | 117 | 106 | 130 | 140 |
| Japan | 109 | 100 | 82 | 84 | 71 | 80 |
| China | 26 | 31 | 33 | 40 | 78 | 70 |
| Hong Kong | 16 | 15 | 16 | 20 | 35 | 45 |
| Canada | 42 | 40 | 39 | 37 | 36 | 38 |
| Ukraine | 27 | 15 | 18 | 15 | 25 | 30 |
| United States | 13 | 10 | 16 | 25 | 18 | 15 |
| Switzerland | 7 | 7 | 7 | 7 | 7 | 7 |
| South Africa | 12 | 7 | 4 | 1 | 3 | 3 |
| Other | 7 | 5 | 4 | 4 | 3 | 3 |
| Total | 752 | 670 | 701 | 665 | 780 | 801 |

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere and April-March in the Southern Hemisphere. For the Southern Hemisphere, harvest occurs almost entirely during the second year shown.

Import and export totals may not equal due in part to different marketing years such as those listed above.

## Lemons and Limes, Fresh: Production, Supply and Distribution in Selected Countries

(1,000 Metric Tons)

|  | 2013/14 | 2014/15 | 2015/16 | 2016/17 | 2017/18 | $\begin{array}{r} \text { Feb } \\ 2018 / 19 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Production |  |  |  |  |  |  |
| Mexico | 2,187 | 2,326 | 2,416 | 2,513 | 2,570 | 2,600 |
| European Union | 1,308 | 1,597 | 1,333 | 1,534 | 1,472 | 1,615 |
| Argentina | 780 | 1,450 | 1,350 | 1,450 | 1,500 | 1,600 |
| Turkey | 760 | 725 | 670 | 750 | 825 | 948 |
| United States | 748 | 820 | 820 | 800 | 806 | 777 |
| South Africa | 312 | 339 | 308 | 430 | 460 | 480 |
| Israel | 64 | 65 | 60 | 67 | 65 | 75 |
| Other | 55 | 87 | 93 | 99 | 86 | 90 |
| Total | 6,214 | 7,409 | 7,050 | 7,643 | 7,784 | 8,185 |
| Fresh Dom. Consumption |  |  |  |  |  |  |
| European Union | 1,275 | 1,537 | 1,582 | 1,691 | 1,733 | 1,829 |
| Mexico | 1,332 | 1,358 | 1,383 | 1,397 | 1,463 | 1,482 |
| United States | 926 | 1,004 | 1,135 | 1,222 | 1,222 | 1,257 |
| Turkey | 277 | 238 | 200 | 219 | 197 | 291 |
| Russia | 209 | 206 | 184 | 210 | 217 | 217 |
| Saudi Arabia | 85 | 103 | 121 | 126 | 130 | 135 |
| Argentina | 60 | 70 | 70 | 90 | 100 | 100 |
| Canada | 99 | 87 | 102 | 96 | 97 | 98 |
| United Arab Emirates | 87 | 100 | 97 | 92 | 90 | 90 |
| Israel | 56 | 60 | 55 | 60 | 60 | 67 |
| Other | 191 | 187 | 177 | 193 | 190 | 186 |
| Total | 4,597 | 4,950 | 5,106 | 5,396 | 5,499 | 5,752 |
| For Processing |  |  |  |  |  |  |
| Argentina | 570 | 1,195 | 1,004 | 1,122 | 1,136 | 1,210 |
| Mexico | 339 | 360 | 374 | 388 | 396 | 397 |
| European Union | 312 | 353 | 243 | 284 | 282 | 326 |
| United States | 176 | 265 | 190 | 164 | 189 | 175 |
| South Africa | 80 | 79 | 56 | 115 | 127 | 130 |
| Turkey | 60 | 57 | 40 | 40 | 50 | 50 |
| Japan | 3 | 27 | 29 | 31 | 30 | 30 |
| Other | 3 | 2 | 2 | 4 | 4 | 5 |
| Total | 1,543 | 2,338 | 1,938 | 2,148 | 2,214 | 2,323 |
| Exports |  |  |  |  |  |  |
| Mexico | 519 | 610 | 662 | 731 | 715 | 725 |
| Turkey | 426 | 433 | 434 | 495 | 581 | 610 |
| South Africa | 220 | 246 | 237 | 299 | 315 | 330 |
| Argentina | 150 | 185 | 279 | 241 | 265 | 290 |
| United States | 127 | 114 | 110 | 112 | 97 | 90 |
| European Union | 101 | 106 | 69 | 79 | 65 | 80 |
| Morocco | 10 | 7 | 9 | 13 | 9 | 17 |
| Other | 38 | 22 | 22 | 26 | 18 | 21 |
| Total | 1,591 | 1,723 | 1,822 | 1,996 | 2,065 | 2,163 |
| Imports |  |  |  |  |  |  |
| United States | 481 | 563 | 615 | 698 | 702 | 745 |
| European Union | 380 | 399 | 561 | 520 | 608 | 620 |
| Russia | 209 | 207 | 186 | 213 | 220 | 220 |
| Saudi Arabia | 85 | 103 | 121 | 126 | 130 | 135 |
| Canada | 99 | 87 | 102 | 96 | 97 | 98 |
| United Arab Emirates | 85 | 94 | 91 | 86 | 85 | 85 |
| Japan | 51 | 51 | 51 | 53 | 53 | 52 |
| Ukraine | 54 | 44 | 41 | 47 | 50 | 50 |
| Hong Kong | 66 | 48 | 37 | 47 | 40 | 40 |
| Mexico | 3 | 2 | 3 | 3 | 4 | 4 |
| Other | 4 | 4 | 8 | 8 | 5 | 4 |
| Total | 1,517 | 1,602 | 1,816 | 1,897 | 1,994 | 2,053 |

Split years refer to the harvest and marketing period, which corresponds roughly to October-September in the Northern Hemisphere. For the Southern Hemisphere, harvest occurs January - Decmeber of the second year shown.

Import and export totals may not equal due in part to different marketing years such as those listed above.


[^0]:    Split years refer to the harvest and marketing period, which corresponds roughly to November-October in the Northern Hemisphere.

    For the Southern Hemisphere, harvest occurs almost entirely during the second year shown and the harvest and marketing period begins in the second year shown:

    Argentina - January through December
    South Africa - February through January
    Australia - April through March
    Brazil - July through June.

    Import and export totals may not equal due in part to different marketing years such as those listed above.

