

# World Agricultural Supply and Demand Estimates

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Office of the  
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**Note:** This report presents USDA's initial assessment of U.S. and world crop supply and demand prospects and U.S. prices for 2016/17. Also presented are the first calendar-year 2017 projections of U.S. livestock, poultry, and dairy products. Due to spring planting still underway in the Northern Hemisphere and being several months away in the Southern Hemisphere, these projections are highly tentative. Forecasts for U.S. winter wheat area, yield, and production are from the May 10 *Crop Production* report. For other U.S. crops, the March 31 *Prospective Plantings* report is used for planted acreage. Methods used to project 2016/17 harvested acreage and yield are noted in each table.

**WHEAT:** U.S. wheat supplies for 2016/17 are projected up 6 percent from 2015/16 on higher beginning stocks and imports. All wheat production is projected at 1,998 million bushels, down 3 percent. The year-to-year decrease is due to a sharp reduction in planted area that more than offsets increased yields. The all wheat yield is projected at 46.7 bushels per acre, up 7 percent from the previous year. The survey-based forecast for 2016/17 winter wheat production is up with higher yields more than offsetting reduced harvested area. Winter wheat has benefited from excellent spring growing conditions and yields are projected higher for Hard Red Winter, Soft Red Winter, and White Winter. Spring wheat and Durum production for 2016/17 is projected to decline 16 percent on lower area, as well as a return to trend yield, which is below last year's level.

Total U.S. wheat use for 2016/17 is projected up 7 percent from the previous year on higher exports, feed and residual use, and food use. The 2016/17 exports are projected at 875 million bushels, up 95 million bushels from the previous year's low level but still well below average. Large supplies in several major competing countries will continue to limit U.S. exports. Feed and residual use is projected up 30 million bushels on increased supplies. U.S. ending stocks are projected to rise 51 million bushels from the elevated 2015/16 total to 1,029 million, the highest since the 1987/88 crop year. The all wheat season-average farm price is projected at \$3.70 to \$4.50 per bushel; the mid-point of this range is the lowest in 11 years.

Global wheat supplies are projected to rise 2 percent from 2015/16 as increased beginning stocks more than offset a decline in production from the previous year's record. Total wheat production is projected at 727.0 million tons, the second highest total on record. Large crops are expected in most key competing countries and favorable spring growing conditions suggest that yields will be well above trend in the EU, Russia, and Ukraine. Global wheat consumption for 2016/17 is projected slightly higher than in 2015/16 with higher food use more than offsetting a reduction in world wheat feeding. Global import demand for 2016/17 is down from last year's record, but still very large. Global ending stocks for 2016/17 are projected at a record 257.3 million tons, up 14.4 million from 2015/16.

**COARSE GRAINS:** U.S. feed grain supplies for 2016/17 are projected up 4 percent from the 2015/16 record with increases in both beginning stocks and production. Corn production for 2016/17 is projected at 14.4 billion bushels, up 829 million from 2015/16 and 214 million higher than the previous record in 2014/15. A 5.6-million-acre increase in corn plantings more than offsets a small reduction in yield. The U.S. corn yield is projected at 168.0 bushels per acre, down 0.4 bushels from 2015/16. Corn supplies for 2016/17 are projected at a record 16.3 billion bushels, up 886 million from 2015/16, which more than offsets projected declines for sorghum, barley, and oats.

U.S. corn use for 2016/17 is projected at a record 14.1 billion bushels, 4 percent higher than for 2015/16. Feed and residual use for 2016/17 is projected 300 million bushels higher with higher production, lower expected prices, and further expansion in animal numbers in 2016/17. Corn used to produce ethanol is projected 50 million bushels higher than in 2015/16 with a reduction in sorghum use for ethanol and higher

expected ethanol blending. Exports for 2016/17 are projected 175 million bushels higher than this month's upwardly revised projection for 2015/16. More competitive prices and reduced supplies and competition from Brazil support gains in U.S. exports for 2016/17 and 2015/16. U.S. corn ending stocks for 2016/17 are projected at 2.2 billion bushels, up 350 million from the 2015/16 projection. If realized, stocks would be the highest since the mid-1980s; however, the stocks-to-use ratio remains far lower than in those years when domestic support policies ballooned stocks to more than 50 percent of annual usage. The season-average 2016/17 farm price is projected at \$3.05 to \$3.65 per bushel, down 25 cents at the midpoint from this month's slightly higher outlook for 2015/16.

Global coarse grain supplies for 2016/17 are projected at a record 1,543.2 million tons, up 41.0 million tons from 2015/16 with nearly half of the increase on larger U.S. beginning stocks and production. Global corn production for 2016/17 is projected at 1,011.1 million tons, up 42.2 million from 2015/16, and just short of the record 1,013.5 million in 2014/15. In addition to the projected 21.1-million-ton U.S. increase, 2016/17 corn production is also higher for most of the world's major producing countries with production rebounds for South Africa and EU, and higher area in Argentina, Russia, and Ukraine. Brazil corn production for 2016/17 is 1.0 million tons higher than this month's lowered outlook for 2015/16 as area is expected to decline slightly, but yields rise from those now expected for the 2015/16 crop. Partly offsetting these increases for 2016/17 is a 6.6-million-ton reduction for China corn, as changes in support policies and lower domestic prices reduce incentives for corn planting.

Global corn consumption for 2016/17 is projected at a record 1,011.9 million tons, 43.0 million tons higher than in 2015/16. The largest increases are for China with consumption projected up 9.5 million tons and the United States with consumption projected up 9.2 million tons. Smaller increases are projected for EU, Argentina, Brazil, India, Russia, Vietnam, Mexico, and South Korea.

Global corn exports for 2016/17 are higher with increases for Argentina, EU, and Ukraine more than offsetting a reduction for Brazil. Corn imports for 2016/17 are lower with declines for South Africa, EU, Vietnam, and China partly offset by increases for Mexico, Turkey, Egypt, Iran, and South Korea. Much of the imbalance in global marketing year imports and exports is driven by the timing of Brazil and Argentina exports and the South Africa change from a net importer to a net exporter. The 2016/17 local marketing years for these Southern Hemisphere exporting countries do not start until 2017, while the local marketing years for many major importers begin in October 2016. Corn shipments by Southern Hemisphere exporters between October 2015 and February 2016 were strong, appearing as 2014/15 exports, but accounted for as 2015/16 imports. Reduced 2015/16 Brazil second-crop corn limits export prospects between October 2016 and February 2017. As a result, global imports decline in 2016/17 at the same time that U.S. exports expand. Global 2016/17 corn ending stocks are projected at 207.0 million tons, down slightly from the 207.9 million for 2015/16. Lower stocks in China, EU, and Brazil more than offset the projected U.S. increase.

**RICE:** U.S. 2016/17 all rice production is forecast at 231.0 million cwt, up 38.7 million cwt from the previous year and the largest since 2010/11. The increase reflects larger area and a higher yield. Long-grain harvested area is forecast at 2.4 million acres, up 32 percent from the previous year and the largest in six years. Combined medium- and short-grain harvested area is forecast at 0.6 million acres, down 17 percent from 2015/16 due to a sharp reduction in southern medium-grain planted area. The yield increase for both classes of rice reflects a return to trend. Total U.S. 2016/17 all rice supplies are forecast to increase 13 percent from the previous year. Long grain supplies are up, while medium- and short-grain supplies are down.

U.S. 2016/17 total use is projected at 248.0 million cwt, up 12 percent from the previous year with both domestic and residual use and exports projected higher. Long-grain exports for 2016/17 are forecast at 81.0 million cwt, up 12 million from the previous year and the largest in more than a decade. Combined medium- and short-grain exports are forecast at 32.0 million cwt, up 1.0 million cwt from 2015/16. Despite increased domestic use and exports, 2016/17 all rice ending stocks are forecast to rise 7.0 million cwt to 50.4 million. Long-grain stocks are forecast at 38.0 million cwt, up 15.5 million cwt from the previous year and the largest since 1985/86. Combined medium- and short-grain ending stocks are forecast down 8.5 million cwt to 10.5 million. The 2016/17 all rice season-average price is forecast at \$11.30 to \$12.30 per cwt; down \$0.60 at the midpoint the previous year.

Global 2016/17 rice production is forecast at a record 480.7 million tons and total supply at 587.1 million tons, up 2.3 million from the previous year. Total global rice consumption is forecast at 480.5 million tons, up 2.1 million tons from the previous year's revised level and a record. Reductions in historical domestic use estimates are made for several countries, most importantly for China and Thailand, that led to lower global domestic use and increased ending stocks. World exports are forecast at 40.7 million tons, down 0.7 million tons from 2015/16 and the second consecutive decline. Thailand and India show the largest year-over-year export reductions. Global ending stocks of 106.7 million tons are up fractionally from 2015/16.

**OILSEEDS:** U.S. oilseed production for 2016/17 is projected at 112.9 million tons, down 3.1 million from 2015/16 mainly on lower soybean production. Production forecasts are also lower for sunflowerseed, canola, and peanuts, but higher for cottonseed. Soybean production is projected at 3,800 million bushels, down 129 million from the 2015 crop on lower harvested area and trend yields. Supplies are projected at 4,230 million bushels, up 1.9 percent from 2015/16 with higher beginning stocks more than offsetting lower production.

The U.S. soybean crush for 2016/17 is projected at 1,915 million bushels, up 35 million from 2015/16. Domestic soybean meal disappearance is projected to increase with expected gains in U.S. meat production. With limited gains for competing exporters, U.S. soybean meal exports are projected at 12.0 million short tons, up 0.5 million from 2015/16. Soybean exports are forecast at 1,885 million bushels, up 145 million from the revised 2015/16 projection. Sharply reduced stocks in South America this fall will limit competition during the first half of the marketing year. In addition, limited soybean production gains are projected for the 2016/17 South American harvest in early 2017. With forecasted global soybean import growth of 3.8 percent, the U.S. soybean export share is projected at 37 percent, up slightly from 2015/16 and near the 5-year average. U.S. ending stocks for 2016/17 are forecast at 305 million bushels, down 95 million from the revised 2015/16 projection. The 2016/17 U.S. season-average soybean price range is forecast at \$8.35 to \$9.85 per bushel compared with \$8.85 per bushel in 2015/16. Soybean meal prices are forecast at \$300 to \$340 per short ton, compared with \$310 per ton for 2015/16. Soybean oil prices are forecast at 30.5 to 33.5 cents per pound compared with 30.0 cents for 2015/16.

Global oilseed production for 2016/17 is projected at 533.8 million tons, up 2.1 percent from 2015/16. Global soybean production is projected at 324.2 million tons, up 8.3 million with gains for India, Brazil, Ukraine, and Argentina, partly offset by lower U.S. production. The Brazil soybean crop is projected at 103.0 million tons, up 4.0 million on higher area and yields. China soybean production is projected higher on increased harvested area as policy changes reduce incentives to plant corn. The Argentina soybean crop is projected at 57.0 million tons, up 0.5 million from the revised 2015/16 crop. The 2015/16 crop is projected at 56.5 million tons, down 2.5 million mainly on lower area resulting from flooding in April. Total global oilseed supplies are up less than 1 percent from 2015/16. With crush projected to increase 2.3 percent, global oilseed ending stocks are projected at 76.9 million tons, down 9.5 percent from 2015/16.

Global protein meal consumption is projected to increase 3.2 percent in 2016/17. Protein meal consumption is projected to increase 3.7 percent in China which accounts for 32 percent of global protein consumption gains. Global soybean exports are projected at 138.3 million tons, up 4.3 percent from 2015/16. China soybean imports are projected at 87.0 million tons, up 4.0 million from 2015/16. Global vegetable oil consumption is projected at 183.8 million tons, up 3.0 percent in 2016/17 led by increases for India, China, and Indonesia. Global vegetable oil ending stocks are projected at 16.9 million tons, down 7.9 percent from 2015/16.

**SUGAR:** Beet sugar production for the 2016/17 October-September fiscal year is projected at 5.090 million short tons, raw value (STRV). Early planting of the 2016/17 sugarbeet crop implies above-average yields and a larger proportion of the crop harvested in August and September prior to the start of the coming fiscal year. The estimate for 2015/16 beet sugar production is raised to 5.064 million STRV. Cane sugar production for 2016/17 is projected at 3.620 million STRV. Projections for Florida and Louisiana assume trend yields and the same area harvested as the previous year. Production in Texas is projected the same as 2015/16, and Hawaii is projected at 40,000 STRV for the 3 months of processing before the mill closure at the end of the calendar year.

Sugar imports for 2016/17 are projected at 3.479 million STRV. Total TRQ imports are projected at 1.531 million STRV, the sum of the WTO TRQs less a shortfall projected at 99,208, as well as imports under several Free Trade Agreements with sugar import provisions. Re-export imports are projected at 175,000 STRV, imports from Mexico at 1.758 million, and high-tier tariff imports at 15,000.

Deliveries for human consumption for 2016/17 are projected at 12.080 million STRV, an increase of 0.7 percent relative to 2015/16. The estimate of 2015/16 deliveries is increased by 45,000 STRV to 12.0 million based on share-to-date analysis of deliveries of sugar processed in the United States and expected direct consumption imports.

Mexico sugar production for 2016/17 is projected at 6.1 million metric tons (MT), slightly below the estimate of 6.184 million for 2015/16. Sugar deliveries for human consumption are projected at 4.398 million MT, slightly above 2015/16. Sugar deliveries for Mexico's sugar-containing products export program (IMMEX) are projected at 254,717 MT, the same level now projected for 2015/16 after Mexico cut off duty-free imports from the United States that benefitted from the U.S. re-export import program. Exports to the United States are projected at 1.505 million MT, as per the limit set in the December 2014 Countervailing Duty Suspension Agreement.

**LIVESTOCK, POULTRY, AND DAIRY:** Total U.S. red meat and poultry production in 2017 is projected to be above 2016. Beef production is forecast higher as larger 2015 and 2016 calf crops are expected to support year-over-year increases in cattle placements in late 2016 and early 2017. Marketings of fed cattle are forecast higher during 2017 while carcass weights are expected to increase with good forage conditions and lower feed costs. Pork production is expected to increase with larger hog supplies and heavier carcass weights. A modest expansion of farrowings is expected during the latter part of 2016 and early 2017, and continued growth in pigs per litter will support larger pig crops. Broiler production is forecast higher as the industry continues its current expansion path. Turkey production will continue to increase during 2017, but not at the rate of growth expected for 2016 when the sector is rebuilding following the outbreak of Highly Pathogenic Avian Influenza (HPAI) in 2015. Egg production for 2017 is forecast to expand as the egg sector continues to recover from the effects of HPAI.

The total red meat and poultry production forecast for 2016 is lowered from last month as production forecasts for beef, and poultry are reduced. Pork is raised on the pace of slaughter, but beef production is reduced on lowered first-half carcass weights. Broiler production is adjusted to reflect first quarter data. Turkey production is reduced on a slower expected pace of recovery from HPAI. Egg production for 2016 is raised on higher expected first-half production.

Red meat and poultry exports are expected to increase in 2017 with expanding production and moderating prices; conversely, imports of beef are expected to decline. For 2016, the beef trade forecast is adjusted to reflect March trade data; no change is made to the forecast. The pork export forecast is adjusted to reflect March data; imports are reduced on the slow pace of trade to date. Broiler exports are forecast weaker on a slower expected pace of recovery in the first half of the year. Turkey exports are adjusted for March data.

For 2017, prices of fed cattle, hogs, broilers, and turkeys are all forecast below 2016 as supplies of meat are forecast higher. Egg prices are forecast higher on firm demand. As for 2016, the fed cattle price forecast is lowered from last month as prices have weakened and cattle supplies remain relatively large. The annual average hog price is unchanged from last month. Broiler and turkey prices are forecast higher as prices remain strong with slower expected growth in production. Egg prices are lowered.

Milk production for 2017 is forecast higher as improved forage availability and continued favorable feed costs are expected to support gains in milk per cow. Cow numbers are expected to remain near 2016 levels. Commercial exports on both a fat and skim-solids basis are forecast higher as expected tighter world supplies and increasing demand lead to expanded export opportunities. Imports are forecast lower as domestic production increases. With stronger domestic and export demand, cheese, nonfat dry milk (NDM), and whey prices are forecast higher but butter prices are forecast lower. The Class III price is forecast higher on stronger cheese and whey prices, and the Class IV price is forecast higher as a weaker butter price is more than offset by the higher NDM price. The all milk price is forecast higher than 2016 at \$15.25 to \$16.25 per cwt.

Milk production in 2016 is forecast higher than last month, as the cow inventory is expected to expand slightly and growth in milk per cow during the first half of the year is forecast higher. Imports are raised on both a fat and skim-solids basis; exports on a fat basis are raised but are unchanged on a skim-solids basis. Cheese, butter, and NDM prices are forecast lower on weaker demand and larger supplies, but whey prices are raised. Both Class III and Class IV prices are reduced. The milk price is forecast lower at \$14.60 to \$15.10 per cwt.

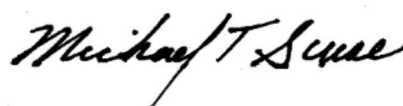
**COTTON:** A projected 2016/17 U.S. cotton crop of 14.8 million bales is expected to boost next season's ending stocks well above the beginning level. Production is anticipated to rise 15 percent from 2015/16, based on 9.6 million planted acres as indicated in *Prospective Plantings*, combined with below-average abandonment, due to relatively favorable moisture, and average yields. Domestic mill use is projected stable at 3.6 million bales, while exports are expected to rise to 10.5 million, on higher available supplies and more marketable qualities. Ending stocks are projected at 4.7 million bales, or one-third of total use. The preliminary range for the marketing year average price received by producers is 47.0 to 67.0 cents per pound.

For 2015/16, U.S. cotton production is increased marginally. The export forecast is reduced to 9.0 million bales, reflecting lower-than-anticipated export sales to date, with ending stocks raised accordingly.

The world 2016/17 cotton projections show a decline in stocks of more than 6.0 million bales, as consumption exceeds production for the second consecutive season. Global production is expected to rise nearly 5 percent, despite marginally lower area, as yields recover from weather and pest pressures that affected crops in 2015/16. Production is forecast to rise mainly in Pakistan, the United States, India, and Turkey, partially offset by a 1.3-million-bale reduction for China. Global consumption is projected to rise 1.6 percent, as prices overall remain low and mills in China gain access to domestic cotton at more competitive prices. Projected world trade is lowered slightly from 2015/16 as increased production, especially in Pakistan, reduces reliance on imports. Ending stocks are projected at 96.5 million bales, 87 percent of world consumption. Falling China stocks exceed the projected global decline while stocks outside of China show a slight increase. Despite the projected decrease, China stocks are equivalent to nearly 170 percent of China's total disappearance.

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<p><b>In 2016, the WASDE report will be released on Jun. 10, Jul. 12, Aug. 12, Sep. 12, Oct. 12, Nov. 9, Dec. 9.</b></p>
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**World and U.S Supply and Use for Grains 1/  
Million Metric Tons**

<b>World</b>		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
Total Grains 4/	2014/15	2509.91	3030.03	393.78	2455.04	574.99
	2015/16 (Est.)	2462.69	3037.68	372.01	2443.81	593.87
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	2506.33	3100.20	375.05	2495.22	604.99
Wheat	2014/15	726.94	921.13	164.14	704.59	216.54
	2015/16 (Est.)	734.05	950.59	166.87	707.68	242.91
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	726.99	969.90	163.92	712.56	257.34
Coarse Grains 5/	2014/15	1304.25	1515.83	185.64	1271.76	244.07
	2015/16 (Est.)	1258.15	1502.22	163.76	1257.68	244.54
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	1298.63	1543.17	170.48	1302.14	241.03
Rice, milled	2014/15	478.72	593.06	44.00	478.68	114.38
	2015/16 (Est.)	470.49	584.87	41.38	478.44	106.43
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	480.71	587.14	40.66	480.53	106.61
<b>United States</b>						
Total Grains 4/	2014/15	439.49	499.16	83.13	347.06	68.98
	2015/16 (Est.)	428.85	505.58	76.54	350.57	78.47
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	443.96	530.07	81.61	360.04	88.41
Wheat	2014/15	55.15	75.28	23.25	31.55	20.48
	2015/16 (Est.)	55.84	79.58	21.23	31.74	26.61
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	54.37	84.52	23.81	32.71	27.99
Coarse Grains 5/	2014/15	377.23	414.96	56.67	311.35	46.95
	2015/16 (Est.)	366.90	417.59	52.14	314.98	50.48
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	382.26	436.08	54.21	323.04	58.82
Rice, milled	2014/15	7.11	8.91	3.21	4.16	1.55
	2015/16 (Est.)	6.11	8.41	3.18	3.85	1.38
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	7.34	9.47	3.59	4.29	1.60

1/ Aggregate of local marketing years. 2/ Based on export estimate. See individual commodity tables for treatment of export/import imbalances. 3/ Total use for the United States is equal to domestic consumption only (excludes exports). 4/ Wheat, coarse grains, and milled rice. 5/ Corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains).



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## World and U.S. Supply and Use for Grains, Continued 1/

## Million Metric Tons

Foreign 3/		Output	Total Supply	Trade 2/	Total Use	Ending Stocks
Total Grains 4/	2014/15	2,070.42	2,530.87	310.66	2,107.98	506.02
	2015/16 (Est.)	2,033.84	2,532.10	295.47	2,093.24	515.41
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	2,062.37	2,570.13	293.44	2,135.17	516.58
Wheat	2014/15	671.80	845.85	140.90	673.03	196.06
	2015/16 (Est.)	678.21	871.01	145.64	675.94	216.29
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	672.63	885.38	140.10	679.84	229.35
Coarse Grains 5/	2014/15	927.01	1,100.87	128.97	960.42	197.12
	2015/16 (Est.)	891.25	1,084.64	111.63	942.71	194.06
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	916.37	1,107.09	116.27	979.09	182.21
Rice, milled	2014/15	471.62	584.15	40.79	474.53	112.83
	2015/16 (Est.)	464.38	576.46	38.20	474.59	105.05
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	473.38	577.66	37.07	476.24	105.01

1/ Aggregate of local marketing years. 2/ Based on export estimate. See individual commodity tables for treatment of export/import imbalances. 3/ Total foreign is equal to world minus United States. 4/ Wheat, coarse grains, and milled rice. 5/ Corn, sorghum, barley, oats, rye, millet, and mixed grains.

## World and U.S. Supply and Use for Cotton 1/

## Million 480-lb. Bales

		Output	Total Supply	Trade 2/	Total Use 3/	Ending Stocks
World	2014/15	119.07	222.31	35.35	110.12	112.45
	2015/16 (Est.)	99.55	212.00	34.17	109.03	102.84
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	104.36	207.20	33.11	110.78	96.48
United States	2014/15	16.32	18.68	11.25	3.58	3.70
	2015/16 (Est.)	12.89	16.63	9.00	3.60	4.00
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	14.80	18.81	10.50	3.60	4.70
Foreign 4/	2014/15	102.75	203.63	24.11	106.55	108.75
	2015/16 (Est.)	86.66	195.37	25.17	105.43	98.84
	2016/17 (Proj.)	NA	NA	NA	NA	NA
	Apr					
	May	89.56	188.39	22.61	107.18	91.78

1/ Marketing year beginning August 1. 2/ Based on export estimate. 3/ Includes mill use only. 4/ Total Foreign is equal to world minus United States. See global cotton tables for treatment of export/import imbalances. \* Planted area based on March 31 Prospective Plantings. Harvested area based on the previous 10-year average abandonment by region, with the Southwest estimated at 12 percent due to favorable moisture. Yield per harvested acre based on the previous 3-year average by region.

## WASDE - 553 - 10

**World and U.S. Supply and Use for Oilseeds 1/  
(Million Metric Tons)**

<b>World</b>		Output	Total Supply	Trade	Total Use 2/	Ending Stocks	
Oilseeds	2014/15	536.98	614.51	146.98	439.88	92.25	
	2015/16 (Est.)	522.66	614.91	151.24	450.23	84.95	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	533.82	618.77	156.08	460.66	76.89
	Oilmeals	2014/15	299.63	313.74	85.25	294.48	15.75
		2015/16 (Est.)	309.10	324.85	89.26	307.00	15.09
2016/17 (Proj.)		Apr	NA	NA	NA	NA	NA
		May	317.04	332.13	92.40	316.70	13.37
Vegetable Oils	2014/15	177.13	198.27	76.59	172.36	20.16	
	2015/16 (Est.)	179.82	199.98	76.52	178.52	18.31	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	185.49	203.79	78.43	183.85	16.87
<b>United States</b>							
Oilseeds	2014/15	116.03	121.82	51.14	55.11	6.76	
	2015/16 (Est.)	116.05	124.06	48.19	54.95	12.81	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	112.92	127.00	52.35	56.27	10.20
Oilmeals	2014/15	43.27	47.42	12.18	34.95	0.29	
	2015/16 (Est.)	42.52	47.06	10.73	36.00	0.34	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	43.64	48.28	11.19	36.75	0.34
Vegetable Oils	2014/15	10.94	16.13	1.17	13.75	1.21	
	2015/16 (Est.)	11.12	16.79	1.17	14.12	1.50	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	11.30	17.18	1.33	14.56	1.29
<b>Foreign 3/</b>							
Oilseeds	2014/15	420.95	492.69	95.84	384.78	85.49	
	2015/16 (Est.)	406.61	490.85	103.06	395.27	72.14	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	420.90	491.77	103.74	404.39	66.69
Oilmeals	2014/15	256.36	266.32	73.07	259.53	15.46	
	2015/16 (Est.)	266.58	277.79	78.54	271.01	14.76	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	273.40	283.85	81.22	279.95	13.04
Vegetable Oils	2014/15	166.20	182.14	75.41	158.61	18.95	
	2015/16 (Est.)	168.70	183.19	75.34	164.40	16.81	
	2016/17 (Proj.)	Apr	NA	NA	NA	NA	NA
		May	174.19	186.61	77.10	169.28	15.58

1/ Aggregate of local marketing years with Brazil and Argentina on an Oct.-Sept. year. 2/ Crush only for oilseeds. 3/ Total Foreign is equal to World minus United States.

WASDE - 553 - 11

U.S. Wheat Supply and Use 1/

	2014/15	2015/16 Est.	2016/17 Proj. Apr	2016/17 Proj. May
			<i>Million Acres</i>	
Area Planted	56.8	54.6	NA	49.6 *
Area Harvested	46.4	47.1	NA	42.8 *
			<i>Bushels</i>	
Yield per Harvested Acre	43.7	43.6	NA	46.7 *
			<i>Million Bushels</i>	
Beginning Stocks	590	752	NA	978
Production	2,026	2,052	NA	1,998
Imports	149	120	NA	130
Supply, Total	2,766	2,924	NA	3,106
Food	958	960	NA	963
Seed	79	66	NA	69
Feed and Residual	122	140	NA	170
Domestic, Total	1,159	1,166	NA	1,202
Exports	854	780	NA	875
Use, Total	2,014	1,946	NA	2,077
Ending Stocks	752	978	NA	1,029
Avg. Farm Price (\$/bu) 2/	5.99	4.90	NA	3.70 - 4.50

U.S. Wheat by Class: Supply and Use

Year beginning June 1		Hard Red Winter	Hard Red Spring	Soft Red Winter	White	Durum	Total
				<i>Million Bushels</i>			
2015/16 (Est.)	Beginning Stocks	294	212	154	67	26	752
	Production	827	564	359	219	82	2,052
	Supply, Total 3/	1,127	831	532	293	141	2,924
	Domestic Use	471	283	233	100	78	1,166
	Exports	230	250	120	145	35	780
	Use, Total	701	533	353	245	113	1,946
	Ending Stocks, Total	425	298	179	48	28	978
	Ending Stocks, Total	427	296	178	47	28	976

Note: Totals may not add due to rounding. 1/ Marketing year beginning June 1. 2/ Marketing-year weighted average price received by farmers. 3/ Includes imports. \* Planted acres reported in the March 31, 2016, "Prospective Plantings." Harvested acres and yield for other spring wheat and Durum are projected using 10-year harvested-to-planted ratios by state and 1985-2015 yield trends by state (except for Arizona, California, and Idaho Durum). Winter wheat harvested acres and yield reported in the May 10, 2016, "Crop Production."

\*\*\*\*\*  
Wheat-by-class projections for 2016/17 will first be published in the July 12, 2016, WASDE.  
\*\*\*\*\*

## WASDE - 553 - 12

## U.S. Feed Grain and Corn Supply and Use 1/

<b>FEED GRAINS</b>	2014/15	2015/16 Est.	2016/17 Proj. Apr	2016/17 Proj. May
		<i>Million Acres</i>		
Area Planted	103.5	103.1	NA	106.7 *
Area Harvested	93.1	93.0	NA	95.9 *
		<i>Metric Tons</i>		
Yield per Harvested Acre	4.05	3.94	NA	3.98
		<i>Million Metric Tons</i>		
Beginning Stocks	34.3	46.9	NA	50.4
Production	377.1	366.6	NA	382.1
Imports	3.2	3.5	NA	3.1
Supply, Total	414.5	417.1	NA	435.6
Feed and Residual	139.5	139.0	NA	146.2
Food, Seed & Industrial	171.4	175.5	NA	176.4
Domestic, Total	310.9	314.5	NA	322.6
Exports	56.7	52.1	NA	54.2
Use, Total	367.6	366.6	NA	376.8
Ending Stocks	46.9	50.4	NA	58.8
<b>CORN</b>				
		<i>Million Acres</i>		
Area Planted	90.6	88.0	NA	93.6 *
Area Harvested	83.1	80.7	NA	85.9 *
		<i>Bushels</i>		
Yield per Harvested Acre	171.0	168.4	NA	168.0 *
		<i>Million Bushels</i>		
Beginning Stocks	1,232	1,731	NA	1,803
Production	14,216	13,601	NA	14,430
Imports	32	55	NA	40
Supply, Total	15,479	15,387	NA	16,273
Feed and Residual	5,323	5,250	NA	5,550
Food, Seed & Industrial 2/	6,560	6,610	NA	6,670
Ethanol & by-products 3/	5,200	5,250	NA	5,300
Domestic, Total	11,883	11,860	NA	12,220
Exports	1,864	1,725	NA	1,900
Use, Total	13,748	13,585	NA	14,120
Ending Stocks	1,731	1,803	NA	2,153
Avg. Farm Price (\$/bu) 4/	3.70	3.50 - 3.70	NA	3.05 - 3.65

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for corn and sorghum; June 1 for barley and oats. 2/ For a breakout of FSI corn uses, see Feed Outlook table 5 or access the data on the Web through the Feed Grains Database at [www.ers.usda.gov/data-products/feed-grains-database.aspx](http://www.ers.usda.gov/data-products/feed-grains-database.aspx). 3/ Corn processed in ethanol plants to produce ethanol and by-products including distillers' grains, corn gluten feed, corn gluten meal, and corn oil. 4/ Marketing-year weighted average price received by farmers. \* Planted acres reported in the March 31, 2016, "Prospective Plantings." For corn, harvested acres projected based on historical abandonment and use for silage. Projected yield based on a weather adjusted trend model that assumes normal mid-May planting progress and summer weather. (For an explanation of the yield trend model see Westcott and Jewison, Weather Effects on Expected Corn and Soybean Yields, USDA-ERS, Feed Outlook No. (FDS-13G-01), July 2013, [www.ers.usda.gov/publications/fds-feed-outlook/fds-13g-01.aspx](http://www.ers.usda.gov/publications/fds-feed-outlook/fds-13g-01.aspx).)

## WASDE - 553 - 13

## U.S. Sorghum, Barley, and Oats Supply and Use 1/

SORGHUM	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Apr	May
	<i>Million Bushels</i>			
Area Planted (mil. acres)	7.1	8.5	NA	7.2 *
Area Harvested (mil. acres)	6.4	7.9	NA	6.3 *
Yield (bushels/acre)	67.6	76.0	NA	65.0 *
Beginning Stocks	34	18	NA	65
Production	433	597	NA	407
Imports	0	5	NA	1
Supply, Total	467	620	NA	473
Feed and Residual	81	115	NA	100
Food, Seed & Industrial	15	125	NA	100
Total Domestic	96	240	NA	200
Exports	353	315	NA	220
Use, Total	449	555	NA	420
Ending Stocks	18	65	NA	53
Avg. Farm Price (\$/bu) 2/	4.03	3.15 - 3.35	NA	2.85 - 3.45
<b>BARLEY</b>				
Area Planted (mil. acres)	3.0	3.6	NA	3.1 *
Area Harvested (mil. acres)	2.5	3.1	NA	2.7 *
Yield (bushels/acre)	72.7	68.9	NA	71.0 *
Beginning Stocks	82	79	NA	97
Production	182	214	NA	193
Imports	24	20	NA	20
Supply, Total	287	313	NA	310
Feed and Residual	43	50	NA	50
Food, Seed & Industrial	151	153	NA	153
Total Domestic	194	203	NA	203
Exports	14	13	NA	15
Use, Total	209	216	NA	218
Ending Stocks	79	97	NA	92
Avg. Farm Price (\$/bu) 2/	5.30	5.50	NA	4.30 - 5.10
<b>OATS</b>				
Area Planted (mil. acres)	2.8	3.1	NA	2.8 *
Area Harvested (mil. acres)	1.0	1.3	NA	1.0 *
Yield (bushels/acre)	67.9	70.2	NA	66.0 *
Beginning Stocks	25	54	NA	60
Production	70	90	NA	68
Imports	107	90	NA	95
Supply, Total	202	233	NA	223
Feed and Residual	70	95	NA	90
Food, Seed & Industrial	77	77	NA	78
Total Domestic	147	172	NA	168
Exports	2	2	NA	2
Use, Total	149	174	NA	170
Ending Stocks	54	60	NA	53
Avg. Farm Price (\$/bu) 2/	3.21	2.15	NA	1.70 - 2.10

Note: Totals may not add due to rounding. 1/ Marketing year beginning September 1 for sorghum; June 1 for barley and oats. 2/ Marketing-year weighted average price received by farmers. \* Planted acres reported in the March 31, 2016, "Prospective Plantings." Harvested area - For sorghum, harvested acres are based on the average harvested-to-planted ratio for 2010-2015, excluding the 2011 low. For barley and oats, harvested acres are based on the 5-year average harvested-to-planted ratios, 2011-2015. Yield - For sorghum the projected yield is based on the average for 1990-2015 excluding years that are more than 1 standard deviation from the mean for the period. For barley and oats, projected yields are based on the 1990-2015 trends. Yields shown reflect production rounding.

## WASDE - 553 - 14

**U.S. Rice Supply and Use 1/  
(Rough Equivalent of Rough and Milled Rice)**

TOTAL RICE	2014/15	2015/16 Est.	2016/17 Proj.	2016/17 Proj.
			Apr	May
		<i>Million Acres</i>		
Area Planted	2.95	2.61	NA	3.06 *
Area Harvested	2.93	2.58	NA	3.03 *
		<i>Pounds</i>		
Yield per Harvested Acre	7,576	7,470	NA	7,618 *
		<i>Million Hundredweight</i>		
Beginning Stocks 2/	31.8	48.5	NA	43.4
Production	222.2	192.3	NA	231.0
Imports	24.7	23.5	NA	24.0
Supply, Total	278.7	264.4	NA	298.4
Domestic & Residual 3/	129.9	121.0	NA	135.0
Exports, Total 4/	100.3	100.0	NA	113.0
Rough	34.0	33.0	NA	35.0
Milled (rough equiv.)	66.3	67.0	NA	78.0
Use, Total	230.2	221.0	NA	248.0
Ending Stocks	48.5	43.4	NA	50.4
Avg. Milling Yield (%) 5/	70.50	70.00	NA	70.00
Avg. Farm Price (\$/cwt) 6/	13.40	12.20 - 12.60	NA	11.30 - 12.30

**LONG-GRAIN RICE**

Harvested Acres (mil.)	2.20	1.84		
Yield (pounds/acre)	7,407	7,218		
Beginning Stocks	16.2	26.5	NA	22.5
Production	162.7	133.0	NA	181.0
Supply, Total 7/	200.0	179.5	NA	224.0
Domestic & Residual 3/	102.7	88.0	NA	105.0
Exports 8/	70.8	69.0	NA	81.0
Use, Total	173.5	157.0	NA	186.0
Ending Stocks	26.5	22.5	NA	38.0
Avg. Farm Price (\$/cwt) 6/	11.90	10.80 - 11.20	NA	9.50 - 10.50

**MEDIUM & SHORT-GRAIN RICE**

Harvested Acres (mil.)	0.74	0.73		
Yield (pounds/acre)	8,080	8,103		
Beginning Stocks	13.3	20.2	NA	19.0
Production	59.6	59.3	NA	50.0
Supply, Total 7/	76.8	83.0	NA	72.5
Domestic & Residual 3/	27.1	33.0	NA	30.0
Exports 8/	29.5	31.0	NA	32.0
Use, Total	56.7	64.0	NA	62.0
Ending Stocks	20.2	19.0	NA	10.5
Avg. Farm Price (\$/cwt) 1/ 6/ 9/	18.30	15.40 - 16.00	NA	15.40 - 16.40
California 10/	21.60	17.90 - 18.50	NA	17.50 - 18.50
Other States 1/	14.40	11.10 - 11.70	NA	10.50 - 11.50

Note: Totals may not add due to rounding. 1/ Marketing year beginning August 1. 2/ Includes the following quantities of broken kernel rice (type undetermined) not included in estimates of beginning stocks by type (in mil. cwt): 2014/15-2.3; 2015/16-1.9; 2016/17-1.9. 3/ Residual includes unreported use, processing losses, and estimating errors. Use by type may not add to total rice use because of the difference in broken between beginning and ending stocks. 4/ Includes rough rice and milled rice exports. Milled rice exports are converted to an equivalent rough basis. 5/ Expressed as a percent, i.e., the total quantity of whole kernel and broken rice produced divided by the quantity of rough rice milled. The 2014/15 and 2015/16 milling yield is based on the Farm Service Agency (FSA) warehouse stored loan data for long, medium, and short grain rice. The 2016/17 milling yield is calculated using the previous five-year Olympic average--2011/12-2015/16. 6/ Marketing-year weighted average price received by farmers. 7/ Includes imports. 8/ Exports by type of rice are estimated. 9/ The medium/short-grain season-average- farm price (SAFP) largely reflects rice that is marketed through price pools in California. The pool price is not final until all the rice in the pool is marketed for the crop year. Therefore, SAFP forecasts based on the average of NASS monthly prices and the final price may differ. For example, the average difference between the August WASDE SAFP forecast and the final price has averaged \$1.65 per cwt from 2008/09-2013/14, with a high of \$3.50 per cwt in 2008/09 and a low of \$0.60 per cwt in 2009/10. 10/ Marketing year beginning October 1. \* Planted acres reported in March 31, 2016, "Prospective Plantings." Harvested acres are estimated using the average harvested-to-planted ratios by rice class, 2011-2015. Projected yield is based on linear trend analysis by rice class for the period 1990/91 to 2015/16.



## WASDE - 553 - 16

## U.S. Sugar Supply and Use 1/

	2014/15	2015/16 Est.	2015/16 Est.	2016/17 Proj.
		Apr	May	May
	<i>1,000 Short Tons, Raw Value</i>			
Beginning Stocks	1,810	1,809	1,815	1,743
Production 2/	8,656	8,792	8,933	8,710
Beet Sugar	4,893	4,998	5,064	5,090
Cane Sugar	3,763	3,794	3,869	3,620
Florida	1,981	2,091	2,166	1,970
Hawaii	146	165	165	40
Louisiana	1,513	1,423	1,423	1,495
Texas	123	115	115	115
Imports	3,553	3,209	3,231	3,479
TRQ 3/	1,536	1,595	1,617	1,531
Other Program 4/	471	300	300	175
Other 5/	1,546	1,314	1,314	1,773
Mexico	1,532	1,299	1,299	1,758
Total Supply	14,019	13,809	13,978	13,932
Exports	185	100	100	50
Deliveries	12,019	12,090	12,135	12,225
Food 6/	11,888	11,955	12,000	12,080
Other 7/	131	135	135	145
Miscellaneous	0	0	0	0
Total Use	12,204	12,190	12,235	12,275
Ending Stocks	1,815	1,619	1,743	1,657
Stocks to Use Ratio	14.9	13.3	14.2	13.5

1/ Fiscal years beginning Oct 1. Historical data are from FSA "Sweetener Market Data" (SMD). 2/ Production projections for 2015/16 and 2016/17 are based on Crop Production and processor projections where appropriate. 3/ For 2016/17, WTO raw sugar TRQ shortfall (99). For 2015/16, WTO raw sugar TRQ shortfall (28). 4/ Includes sugar under the re-export and polyhydric alcohol programs. 5/ For 2014/15, other high-tier (15) and other (0). For 2015/16, other high-tier (15) and other (0). For 2016/17, other high-tier (15) and other (0). 6/ Combines SMD deliveries for domestic human food use and SMD miscellaneous uses. 7/ Transfers to sugar-containing products for reexport, and for nonedible alcohol, feed, and ethanol.

## Mexico Sugar Supply and Use and High Fructose Corn Syrup Imports 1/

		Beginning Stocks	Production	Imports	Domestic 2/	Exports	Ending Stocks
		<i>1,000 Metric Tons, Actual Weight</i>					
Sugar	2015/16 Est.						
	Apr	811	6,056	70	4,656	1,121	1,160
	May	811	6,184	70	4,586	1,121	1,358
2016/17 Proj.	Apr	NA	NA	NA	NA	NA	NA
	May	1,358	6,100	10	4,652	1,515	1,301

1/ HFCS consumption by Mexico (1,000 metric tons, dry basis): Oct-Sep 2014/15 = 1,444; Oct-Mar 2014/15 = 676, Oct-Mar 2015/16 = 680. Footnote source: Comité Nacional para el Desarrollo Sustentable de la Cana de Azúcar. 2/ Includes domestic consumption, Mexico's products export program (IMMEX), and any residual statistical discrepancies. IMMEX: 2015/16 (255 est), 2016/17 (255 proj). Statistical Adjustment: 2014/15 (-54), 2015/16 (0), 2016/17 (0).



## WASDE - 553 - 17

## U.S. Cotton Supply and Use 1/

	2014/15	2015/16 Est.	2016/17 Proj. Apr	2016/17 Proj. May
Area				
			<i>Million Acres</i>	
Planted	11.04	8.58	NA	9.56 *
Harvested	9.35	8.07	NA	8.80 *
			<i>Pounds</i>	
Yield per Harvested Acre	838	766	NA	807 *
			<i>Million 480 Pound Bales</i>	
Beginning Stocks	2.35	3.70	NA	4.00
Production	16.32	12.89	NA	14.80
Imports	0.01	0.04	NA	0.01
Supply, Total	18.68	16.63	NA	18.81
Domestic Use	3.58	3.60	NA	3.60
Exports, Total	11.25	9.00	NA	10.50
Use, Total	14.82	12.60	NA	14.10
Unaccounted 2/	0.16	0.03	NA	0.01
Ending Stocks	3.70	4.00	NA	4.70
Avg. Farm Price 3/	61.3	58.0	NA	47.00 - 67.00

Note: Reliability calculations at end of report. 1/ Upland and extra-long staple; marketing year beginning August 1. Totals may not add due to rounding. 2/ Reflects the difference between the previous season's supply less total use and ending stocks. 3/ Cents per pound for upland cotton. \*Planted area as reported in March 31, 2016 Prospective Plantings. Harvested area based on 10-year average abandonment by region, with the Southwest adjusted to 12 percent to reflect favorable moisture conditions. Yield per harvested acre based on 3-year average yields by region.

## WASDE - 553 - 18

**World Wheat Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	194.18	726.94	158.84	130.82	704.59	164.14	216.54
United States	16.07	55.15	4.07	3.33	31.55	23.25	20.48
Total Foreign	178.12	671.80	154.77	127.49	673.04	140.90	196.06
Major Exporters 4/	27.39	223.32	6.66	61.85	146.13	81.47	29.78
Argentina	2.49	14.00	0.04	0.30	6.35	5.30	4.87
Australia	4.56	23.08	0.16	3.80	7.20	16.59	4.00
Canada	10.41	29.42	0.49	3.75	9.08	24.16	7.08
European Union 5/	9.94	156.83	5.98	54.00	123.50	35.42	13.82
Major Importers 6/	100.19	197.40	84.75	29.88	262.21	7.64	112.49
Brazil	1.89	6.00	5.37	0.30	10.70	1.69	0.87
China	65.27	126.21	1.93	16.00	116.50	0.80	76.11
Sel. Mideast 7/	12.13	17.66	21.26	4.45	36.10	1.52	13.44
N. Africa 8/	13.80	17.01	25.23	2.48	42.65	0.61	12.78
Pakistan	2.19	25.98	0.75	1.00	24.50	0.70	3.72
Southeast Asia 9/	3.43	0.00	19.85	4.76	18.52	0.95	3.82
Selected Other							
India	17.83	95.85	0.05	4.50	93.12	3.41	17.20
FSU-12	15.73	112.74	7.68	24.65	75.86	40.20	20.08
Russia	5.18	59.08	0.33	13.00	35.50	22.80	6.29
Kazakhstan	1.99	13.00	0.60	2.00	6.80	5.54	3.25
Ukraine	3.67	24.75	0.03	4.00	12.00	11.27	5.18
<b>2015/16 Est.</b>							
World 3/	216.54	734.05	164.50	133.89	707.68	166.87	242.91
United States	20.48	55.84	3.27	3.81	31.74	21.23	26.61
Total Foreign	196.06	678.21	161.23	130.08	675.94	145.64	216.29
Major Exporters 4/	29.78	223.41	7.14	66.50	150.98	80.00	29.35
Argentina	4.87	11.30	0.01	0.10	6.15	8.50	1.53
Australia	4.00	24.50	0.15	3.80	7.23	16.50	4.93
Canada	7.08	27.60	0.49	3.60	8.80	22.50	3.86
European Union 5/	13.82	160.01	6.50	59.00	128.80	32.50	19.03
Major Importers 6/	112.49	204.32	87.22	25.86	261.49	6.62	135.93
Brazil	0.87	5.54	6.00	0.30	10.20	1.30	0.91
China	76.11	130.19	3.00	10.50	112.00	1.00	96.30
Sel. Mideast 7/	13.44	18.82	18.97	4.60	37.19	0.54	13.51
N. Africa 8/	12.78	19.91	27.30	2.28	43.53	0.85	15.62
Pakistan	3.72	25.10	0.03	0.80	24.40	0.60	3.85
Southeast Asia 9/	3.82	0.00	21.83	6.49	20.78	0.96	3.91
Selected Other							
India	17.20	86.53	0.50	4.20	88.73	1.00	14.50
FSU-12	20.08	117.60	7.84	25.73	78.03	48.33	19.16
Russia	6.29	61.04	0.80	14.00	37.00	24.50	6.63
Kazakhstan	3.25	13.75	0.08	2.10	6.90	7.50	2.67
Ukraine	5.18	27.27	0.05	4.50	12.50	15.50	4.50

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, and the European Union. 5/ Trade excludes intra-trade. 6/ Brazil, China, Japan, Mexico, N. Africa, Pakistan, selected Middle East, and Southeast Asia. 7/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 8/ Algeria, Egypt, Libya, Morocco, and Tunisia. 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 553 - 19

**World Wheat Supply and Use 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	242.91	726.99	160.16	131.06	712.56	163.92	257.34
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	26.61	54.37	3.54	4.63	32.71	23.81	27.99
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	216.29	672.63	156.62	126.44	679.84	140.10	229.35
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	29.35	224.50	6.14	64.20	149.36	80.50	30.13
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.53	14.50	0.01	0.10	6.30	8.50	1.23
Australia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.93	25.00	0.15	4.00	7.46	17.00	5.62
Canada	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.86	28.50	0.49	3.60	8.80	20.00	4.05
European Union 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	19.03	156.50	5.50	56.50	126.80	35.00	19.23
Major Importers 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	135.93	199.84	85.08	23.79	261.14	6.48	153.23
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.91	5.50	5.80	0.30	10.10	1.00	1.11
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	96.30	130.00	3.20	9.50	110.50	1.00	118.00
Sel. Mideast 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	13.51	19.41	16.83	4.60	37.97	0.54	11.24
N. Africa 8/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	15.62	14.70	27.90	1.78	44.00	0.84	13.38
Pakistan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.85	25.30	0.03	0.80	24.50	0.70	3.97
Southeast Asia 9/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.91	0.00	21.43	5.92	20.60	0.93	3.81
Selected Other								
India	Apr	NA	NA	NA	NA	NA	NA	NA
	May	14.50	88.00	1.00	4.50	91.95	0.40	11.15
FSU-12	Apr	NA	NA	NA	NA	NA	NA	NA
	May	19.16	115.83	7.47	26.33	78.97	43.63	19.87
Russia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	6.63	63.00	0.50	14.50	37.50	24.50	8.13
Kazakhstan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.67	13.00	0.06	2.10	6.90	7.00	1.83
Ukraine	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.50	24.00	0.05	4.50	12.50	11.50	4.55

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, and the European Union. 5/ Trade excludes intra-trade. 6/ Brazil, China, Japan, Mexico, N. Africa, Pakistan, selected Middle East, and Southeast Asia. 7/ Lebanon, Iraq, Iran, Israel, Jordan, Kuwait, Saudi Arabia, Yemen, United Arab Emirates, and Oman. 8/ Algeria, Egypt, Libya, Morocco, and Tunisia. 9/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 553 - 20

**World Coarse Grain Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	211.59	1,304.25	169.99	752.60	1,271.76	185.64	244.07
United States	34.31	377.23	3.42	139.68	311.35	56.67	46.95
Total Foreign	177.27	927.01	166.58	612.92	960.42	128.97	197.12
Major Exporters 4/	25.54	168.15	4.74	82.31	112.65	67.52	18.27
Argentina	3.17	35.73	0.00	9.07	14.23	21.39	3.29
Australia	1.05	11.65	0.00	2.98	4.66	7.19	0.84
Brazil	14.26	87.67	0.82	50.25	60.02	34.51	8.21
Canada	4.65	21.99	1.71	13.81	21.29	3.72	3.34
Major Importers 5/	44.41	257.87	109.70	264.47	346.40	15.95	49.63
European Union 6/	15.57	170.76	8.97	121.33	162.50	13.99	18.81
Japan	1.74	0.17	16.73	12.94	16.93	0.00	1.71
Mexico	3.49	32.69	11.55	24.40	42.08	0.79	4.86
N. Afr & Mideast 7/	13.46	26.73	34.17	51.63	59.55	0.09	14.71
Saudi Arabia	3.91	0.36	11.26	11.55	12.03	0.00	3.50
Southeast Asia 8/	3.97	26.86	12.82	30.69	38.70	1.07	3.90
South Korea	1.87	0.24	10.25	8.08	10.47	0.00	1.89
Selected Other							
China	82.65	222.75	25.70	158.80	229.06	0.02	102.02
FSU-12	7.03	91.60	0.82	42.11	58.15	33.87	7.44
Russia	1.77	40.39	0.09	20.88	31.14	8.67	2.43
Ukraine	3.64	39.39	0.03	11.82	15.43	24.33	3.29
<b>2015/16 Est.</b>							
World 3/	244.07	1,258.15	171.91	764.54	1,257.68	163.76	244.54
United States	46.95	366.90	3.74	139.23	314.98	52.14	50.48
Total Foreign	197.12	891.25	168.17	625.31	942.71	111.63	194.06
Major Exporters 4/	18.27	164.16	6.36	83.73	113.96	59.44	15.38
Argentina	3.29	35.43	0.01	9.17	14.33	21.41	2.99
Australia	0.84	12.58	0.00	3.39	5.07	7.18	1.18
Brazil	8.21	83.46	1.50	51.09	60.87	26.04	6.27
Canada	3.34	25.66	1.13	14.45	21.95	4.10	4.07
Major Importers 5/	49.63	243.94	117.86	268.62	350.40	13.74	47.28
European Union 6/	18.81	151.25	15.50	116.92	157.68	11.79	16.08
Japan	1.71	0.18	16.67	12.81	16.80	0.00	1.76
Mexico	4.86	30.54	12.98	25.32	43.12	1.00	4.26
N. Afr & Mideast 7/	14.71	33.78	30.01	55.19	63.20	0.27	15.03
Saudi Arabia	3.50	0.24	13.01	12.45	12.85	0.00	3.90
Southeast Asia 8/	3.90	27.69	15.32	34.06	42.17	0.69	4.05
South Korea	1.89	0.19	10.09	7.89	10.32	0.00	1.85
Selected Other							
China	102.02	231.78	16.50	167.08	239.43	0.05	110.83
FSU-12	7.44	82.51	0.70	40.58	55.82	29.90	4.92
Russia	2.43	37.43	0.11	20.65	30.14	8.27	1.56
Ukraine	3.29	33.39	0.06	10.65	14.23	20.52	1.99

1/ Aggregate of local marketing years. Coarse grains include corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains). 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, Brazil, and South Africa. 5/ The European Union, Mexico, Japan, selected North Africa and Middle East, South Korea, Southeast Asia, and Taiwan. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 553 - 21

**World Coarse Grain Supply and Use 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	244.54	1,298.63	164.90	786.56	1,302.14	170.48	241.03
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	50.48	382.26	3.34	146.37	323.04	54.21	58.82
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	194.06	916.37	161.55	640.19	979.09	116.27	182.21
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	15.38	178.51	2.70	85.88	116.87	63.39	16.33
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.99	41.89	0.01	9.78	15.44	26.21	3.24
Australia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.18	12.36	0.00	3.32	4.99	7.18	1.38
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	6.27	84.61	1.00	52.15	61.93	24.03	5.93
Canada	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.07	26.07	1.07	14.92	22.53	4.45	4.22
Major Importers 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	47.28	246.90	118.93	274.93	356.70	13.71	42.70
European Union 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	16.08	157.71	13.36	119.75	160.50	12.06	14.59
Japan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.76	0.17	16.52	12.64	16.63	0.00	1.82
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.26	31.23	14.48	26.77	44.67	0.80	4.49
N. Afr & Mideast 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	15.03	28.41	32.67	54.96	62.92	0.17	13.02
Saudi Arabia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.90	0.24	13.01	13.23	13.63	0.00	3.52
Southeast Asia 8/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.05	28.86	14.12	35.31	43.32	0.69	3.03
South Korea	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.85	0.21	10.59	8.29	10.77	0.00	1.88
Selected Other								
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	110.83	225.70	12.20	170.90	246.15	0.03	102.55
FSU-12	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.92	86.73	0.71	41.70	57.08	30.20	5.09
Russia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.56	39.38	0.11	21.13	30.78	8.61	1.65
Ukraine	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.99	34.93	0.06	10.95	14.43	20.33	2.21

1/ Aggregate of local marketing years. Coarse grains include corn, sorghum, barley, oats, rye, millet, and mixed grains (for U.S. excludes millet and mixed grains). 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Australia, Canada, Brazil, and South Africa. 5/ The European Union, Mexico, Japan, selected North Africa and Middle East, South Korea, Southeast Asia, and Taiwan. 6/ Trade excludes intra-trade. 7/ Algeria, Egypt, Iran, Israel, Jordan, Libya, Morocco, Syria, Tunisia, and Turkey. 8/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 553 - 22

**World Corn Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	175.21	1,013.46	125.01	585.71	980.80	141.67	207.88
United States	31.29	361.09	0.80	135.22	301.85	47.36	43.97
Total Foreign	143.92	652.37	124.21	450.49	678.94	94.31	163.90
Major Exporters 4/	17.58	124.33	2.31	60.10	78.10	54.05	12.07
Argentina	1.41	28.70	0.00	6.00	9.30	18.90	1.91
Brazil	13.97	85.00	0.33	48.00	57.00	34.46	7.84
South Africa	2.20	10.63	1.98	6.10	11.80	0.69	2.32
Major Importers 5/	19.40	134.18	69.18	142.14	193.71	5.88	23.17
Egypt	2.40	5.96	7.84	11.50	13.90	0.00	2.30
European Union 6/	6.89	75.78	8.65	59.50	77.88	4.03	9.41
Japan	1.29	0.00	14.66	11.00	14.60	0.00	1.35
Mexico	2.60	25.48	11.27	17.70	34.45	0.78	4.12
Southeast Asia 7/	3.97	26.81	12.78	30.60	38.60	1.07	3.89
South Korea	1.86	0.08	10.17	8.04	10.25	0.00	1.86
Selected Other							0.00
Canada	1.60	11.49	1.56	7.43	12.82	0.42	1.40
China	81.32	215.65	5.52	140.00	202.00	0.01	100.46
FSU-12	3.37	43.80	0.51	18.76	21.48	23.18	3.02
Ukraine	2.40	28.45	0.03	8.00	9.40	19.66	1.82
<b>2015/16 Est.</b>							
World 3/	207.88	968.86	132.66	600.82	968.86	121.33	207.87
United States	43.97	345.49	1.40	133.36	301.25	43.82	45.79
Total Foreign	163.90	623.37	131.26	467.47	667.61	77.52	162.08
Major Exporters 4/	12.07	114.50	4.61	60.50	78.30	44.70	8.17
Argentina	1.91	27.00	0.01	6.00	9.30	18.00	1.61
Brazil	7.84	81.00	1.10	49.00	58.00	26.00	5.94
South Africa	2.32	6.50	3.50	5.50	11.00	0.70	0.62
Major Importers 5/	23.17	115.77	79.45	143.60	194.99	3.09	20.31
Egypt	2.30	6.00	8.25	12.10	14.50	0.01	2.04
European Union 6/	9.41	57.98	15.00	56.00	74.01	1.40	6.98
Japan	1.35	0.00	14.70	11.00	14.60	0.00	1.45
Mexico	4.12	24.00	12.00	18.70	35.50	1.00	3.62
Southeast Asia 7/	3.89	27.64	15.30	34.00	42.10	0.68	4.05
South Korea	1.86	0.08	10.00	7.85	10.10	0.00	1.84
Selected Other							0.00
Canada	1.40	13.60	1.00	8.00	13.40	1.00	1.60
China	100.46	224.58	2.00	153.50	217.50	0.02	109.52
FSU-12	3.02	40.15	0.44	18.46	21.18	20.42	2.01
Ukraine	1.82	23.33	0.05	7.00	8.40	16.00	0.80

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Brazil, and South Africa. 5/ Egypt, the European Union, Mexico, Japan, South Korea, Taiwan, and Southeast Asia. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 553 - 23

**World Corn Supply and Use 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Feed	Domestic Total 2/	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	207.87	1,011.07	128.70	623.43	1,011.90	132.89	207.04
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	45.79	366.54	1.02	140.98	310.40	48.26	54.68
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	162.08	644.53	127.69	482.46	701.49	84.63	152.36
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	8.17	129.00	1.11	62.20	80.70	48.50	9.08
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.61	34.00	0.01	6.60	10.40	23.00	2.22
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	5.94	82.00	0.60	50.00	59.00	24.00	5.54
South Africa	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.62	13.00	0.50	5.60	11.30	1.50	1.32
Major Importers 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	20.31	122.74	78.45	147.55	198.78	4.49	18.24
Egypt	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.04	6.00	8.75	12.65	15.05	0.01	1.73
European Union 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	6.98	64.28	13.00	57.50	75.30	3.00	5.95
Japan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.45	0.00	14.50	10.80	14.40	0.00	1.55
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	3.62	23.50	13.50	19.15	36.05	0.80	3.77
Southeast Asia 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.05	28.81	14.10	35.25	43.25	0.68	3.03
South Korea	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.84	0.08	10.50	8.25	10.55	0.00	1.86
Selected Other								
Canada	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.60	13.75	1.00	8.10	13.60	1.20	1.55
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	109.52	218.00	1.00	160.00	227.00	0.02	101.50
FSU-12	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.01	44.16	0.42	19.49	22.27	21.97	2.36
Ukraine	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.80	26.00	0.05	7.30	8.70	17.00	1.15

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. 3/ World imports and exports may not balance due to differences in marketing years, grain in transit, and reporting discrepancies in some countries. 4/ Argentina, Brazil, and South Africa. 5/ Egypt, the European Union, Mexico, Japan, South Korea, Taiwan, and Southeast Asia. 6/ Trade excludes intra-trade. 7/ Indonesia, Malaysia, Philippines, Thailand, and Vietnam.

## WASDE - 553 - 24

**World Rice Supply and Use (Milled Basis) 1/  
(Million Metric Tons)**

<b>2014/15</b>	Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	114.34	478.72	40.96	478.68	44.00	114.38
United States	1.03	7.11	0.78	4.16	3.21	1.55
Total Foreign	113.32	471.62	40.17	474.53	40.79	112.83
Major Exporters 4/	37.28	159.30	0.73	133.53	32.62	31.15
India	22.76	105.48	0.00	98.23	12.24	17.77
Pakistan	1.33	6.90	0.03	2.70	4.00	1.56
Thailand	11.90	18.75	0.30	10.60	9.78	10.57
Vietnam	1.30	28.17	0.40	22.00	6.61	1.26
Major Importers 5/	11.35	64.06	13.66	77.20	1.23	10.64
Brazil	0.64	8.47	0.38	7.91	0.93	0.64
European Union 6/	1.16	1.96	1.70	3.32	0.27	1.24
Indonesia	5.50	35.56	1.20	38.30	0.00	3.96
Nigeria	0.86	2.84	3.00	5.70	0.00	0.99
Philippines	1.70	11.92	1.80	13.20	0.00	2.21
Sel. Mideast 7/	1.29	1.98	3.96	6.10	0.00	1.12
Selected Other						0.00
Burma	0.37	12.60	0.00	10.50	1.74	0.74
C. Amer & Carib 8/	0.47	1.81	1.60	3.36	0.01	0.50
China	53.10	144.56	4.70	144.50	0.43	57.44
Egypt	0.60	4.53	0.03	4.00	0.25	0.92
Japan	3.01	7.85	0.64	8.60	0.07	2.82
Mexico	0.15	0.18	0.69	0.86	0.00	0.15
South Korea	0.90	4.24	0.47	4.35	0.00	1.25

**2015/16 Est.**

World 3/	114.38	470.49	39.84	478.44	41.38	106.43
United States	1.55	6.11	0.75	3.85	3.18	1.38
Total Foreign	112.83	464.38	39.10	474.59	38.20	105.05
Major Exporters 4/	31.15	153.60	0.72	133.90	30.20	21.37
India	17.77	103.00	0.00	98.50	9.00	13.27
Pakistan	1.56	6.70	0.02	2.75	4.40	1.13
Thailand	10.57	15.80	0.30	10.80	9.80	6.07
Vietnam	1.26	28.10	0.40	21.85	7.00	0.91
Major Importers 5/	10.64	62.74	14.29	77.04	1.13	9.50
Brazil	0.64	7.60	0.80	7.84	0.75	0.45
European Union 6/	1.24	2.06	1.60	3.38	0.28	1.23
Indonesia	3.96	35.30	2.00	38.10	0.00	3.16
Nigeria	0.99	2.71	2.50	5.40	0.00	0.80
Philippines	2.21	11.35	2.00	13.25	0.00	2.31
Sel. Mideast 7/	1.12	1.89	4.05	6.13	0.00	0.94
Selected Other						0.00
Burma	0.74	12.20	0.00	10.60	1.80	0.54
C. Amer & Carib 8/	0.50	1.63	1.72	3.34	0.02	0.49
China	57.44	145.77	5.00	146.00	0.35	61.86
Egypt	0.92	4.00	0.04	3.80	0.25	0.90
Japan	2.82	7.65	0.70	8.60	0.08	2.49
Mexico	0.15	0.15	0.70	0.87	0.00	0.13
South Korea	1.25	4.33	0.47	4.37	0.00	1.67

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. Total domestic includes both domestic use and unreported disappearance. 3/ World imports and exports may not balance due to differences in some countries. 4/ India, Pakistan, Thailand, and Vietnam. 5/ Brazil, Indonesia, Hong Kong, Cote d'Ivoire, Nigeria, Philippines, selected Middle East, and the EU-28. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.



## WASDE - 553 - 25

**World Rice Supply and Use (Milled Basis) 1/ (Cont'd.)**  
**(Million Metric Tons)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Total /2 Domestic	Exports	Ending Stocks
World 3/	Apr	NA	NA	NA	NA	NA	NA
	May	106.43	480.71	38.59	480.53	40.66	106.61
United States	Apr	NA	NA	NA	NA	NA	NA
	May	1.38	7.34	0.76	4.29	3.59	1.60
Total Foreign	Apr	NA	NA	NA	NA	NA	NA
	May	105.05	473.38	37.82	476.24	37.07	105.01
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA
	May	21.37	157.40	0.67	134.30	28.75	16.39
India	Apr	NA	NA	NA	NA	NA	NA
	May	13.27	105.00	0.00	98.60	8.50	11.17
Pakistan	Apr	NA	NA	NA	NA	NA	NA
	May	1.13	6.90	0.02	2.80	4.25	1.00
Thailand	Apr	NA	NA	NA	NA	NA	NA
	May	6.07	17.00	0.25	11.10	9.00	3.22
Vietnam	Apr	NA	NA	NA	NA	NA	NA
	May	0.91	28.50	0.40	21.80	7.00	1.01
Major Importers 5/	Apr	NA	NA	NA	NA	NA	NA
	May	9.50	65.78	12.40	77.37	1.21	9.10
Brazil	Apr	NA	NA	NA	NA	NA	NA
	May	0.45	8.50	0.60	8.00	0.80	0.75
European Union 6/	Apr	NA	NA	NA	NA	NA	NA
	May	1.23	2.03	1.60	3.42	0.26	1.18
Indonesia	Apr	NA	NA	NA	NA	NA	NA
	May	3.16	36.60	1.25	38.10	0.00	2.91
Nigeria	Apr	NA	NA	NA	NA	NA	NA
	May	0.80	2.70	2.10	5.20	0.00	0.40
Philippines	Apr	NA	NA	NA	NA	NA	NA
	May	2.31	12.00	1.50	13.30	0.00	2.51
Sel. Mideast 7/	Apr	NA	NA	NA	NA	NA	NA
	May	0.94	2.01	4.10	6.15	0.00	0.89
Selected Other							
Burma	Apr	NA	NA	NA	NA	NA	NA
	May	0.54	12.50	0.00	10.70	1.85	0.49
C. Amer & Carib 8/	Apr	NA	NA	NA	NA	NA	NA
	May	0.49	1.72	1.71	3.44	0.02	0.46
China	Apr	NA	NA	NA	NA	NA	NA
	May	61.86	146.50	5.00	145.00	0.30	68.06
Egypt	Apr	NA	NA	NA	NA	NA	NA
	May	0.90	4.00	0.04	3.90	0.25	0.79
Japan	Apr	NA	NA	NA	NA	NA	NA
	May	2.49	7.68	0.70	8.70	0.09	2.09
Mexico	Apr	NA	NA	NA	NA	NA	NA
	May	0.13	0.17	0.75	0.88	0.00	0.17
South Korea	Apr	NA	NA	NA	NA	NA	NA
	May	1.67	4.00	0.41	4.33	0.00	1.74

1/ Aggregate of local marketing years. 2/ Total foreign and world use adjusted to reflect the differences in world imports and exports. Total domestic includes both domestic use and unreported disappearance. 3/ World imports and exports may not balance due to differences in some countries. 4/ India, Pakistan, Thailand, and Vietnam. 5/ Brazil, Indonesia, Hong Kong, Cote d'Ivoire, Nigeria, Philippines, selected Middle East, and the EU-28. 6/ Trade excludes intra-trade. 7/ Selected Middle East includes Iran, Iraq, and Saudi Arabia. 8/ Central American and Caribbean countries.

## WASDE - 553 - 26

World Cotton Supply and Use 1/  
(Million 480-Pound Bales)

2014/15	Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	103.23	119.07	35.73	110.12	35.35	0.11	112.45
United States	2.35	16.32	0.01	3.58	11.25	0.16	3.70
Total Foreign	100.88	102.75	35.72	106.55	24.11	-0.05	108.75
Major Exporters 4/	28.36	52.62	1.74	32.34	20.62	-0.23	29.99
Central Asia 5/	3.76	6.20	3/	2.38	4.67	0.00	2.90
Afr. Fr. Zone 6/	1.39	5.09	3/	0.14	4.33	0.00	2.00
S. Hemis 7/	11.40	11.02	0.18	4.46	7.05	-0.24	11.32
Australia	1.81	2.30	3/	0.04	2.39	-0.10	1.78
Brazil	7.67	7.00	0.02	3.40	3.91	-0.15	7.53
India	11.46	29.50	1.23	24.50	4.20	0.00	13.49
Major Importers 8/	70.69	46.89	31.94	69.86	2.57	0.17	76.92
Mexico	0.58	1.32	0.83	1.85	0.17	0.03	0.69
China	62.71	30.00	8.28	33.00	0.07	0.00	67.92
European Union 9/	0.38	1.64	0.86	0.87	1.62	0.05	0.33
Turkey	1.36	3.20	3.68	6.40	0.24	0.00	1.60
Pakistan	2.48	10.60	0.95	10.60	0.45	0.03	2.95
Indonesia	0.50	0.01	3.35	3.25	0.01	0.00	0.60
Thailand	0.24	3/	1.48	1.48	0.00	0.03	0.22
Bangladesh	1.27	0.12	5.40	5.50	0.00	0.01	1.28
Vietnam	0.50	3/	4.30	4.10	0.00	0.00	0.70
<b>2015/16 Est.</b>							
World	112.45	99.55	33.98	109.03	34.17	-0.06	102.84
United States	3.70	12.89	0.04	3.60	9.00	0.03	4.00
Total Foreign	108.75	86.66	33.94	105.43	25.17	-0.09	98.84
Major Exporters 4/	29.99	48.08	1.53	32.14	22.27	-0.23	25.41
Central Asia 5/	2.90	5.65	3/	2.45	4.01	0.00	2.09
Afr. Fr. Zone 6/	2.00	4.54	3/	0.14	4.77	0.00	1.63
S. Hemis 7/	11.32	10.49	0.23	4.27	7.44	-0.24	10.56
Australia	1.78	2.50	3/	0.04	2.60	-0.10	1.74
Brazil	7.53	6.50	0.05	3.20	4.30	-0.15	6.73
India	13.49	26.80	0.85	24.50	5.75	0.00	10.89
Major Importers 8/	76.92	35.77	30.30	69.09	2.01	0.14	71.75
Mexico	0.69	0.91	0.98	1.90	0.15	0.03	0.50
China	67.92	23.80	4.25	32.50	0.15	0.00	63.32
European Union 9/	0.33	1.28	0.86	0.87	1.22	0.05	0.33
Turkey	1.60	2.65	3.90	6.35	0.23	0.00	1.57
Pakistan	2.95	7.00	3.10	10.25	0.25	0.03	2.53
Indonesia	0.60	0.01	2.80	2.83	0.01	0.00	0.57
Thailand	0.22	3/	1.35	1.33	0.00	0.03	0.22
Bangladesh	1.28	0.12	5.60	5.70	0.00	0.01	1.29
Vietnam	0.70	3/	4.80	4.70	0.00	0.00	0.80

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/ Generally reflects cotton lost or destroyed in the marketing channel; for Australia, Brazil, China, and the United States, reflects the difference between implicit stocks based on supply less total use and indicated ending stocks. 3/ Less than 5,000 bales. 4/ Includes Egypt and Syria in addition to the countries and regions listed. 5/ Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. 6/ Benin, Burkino Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

## WASDE - 553 - 27

**World Cotton Supply and Use 1/  
(Million 480-Pound Bales)**

<b>2016/17 Proj.</b>		Beginning Stocks	Production	Imports	Domestic Use	Exports	Loss /2	Ending Stocks
World	Apr	NA	NA	NA	NA	NA	NA	NA
	May	102.84	104.36	33.10	110.78	33.11	-0.08	96.48
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	4.00	14.80	0.01	3.60	10.50	0.01	4.70
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	98.84	89.56	33.09	107.18	22.61	-0.09	91.78
Major Exporters 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	25.41	49.69	1.33	31.95	19.66	-0.23	25.04
Central Asia 5/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.09	5.86	3/	2.48	3.49	0.00	1.99
Afr. Fr. Zone 6/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.63	4.62	3/	0.14	4.51	0.00	1.60
S. Hemis 7/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	10.56	10.61	0.23	4.18	7.53	-0.24	9.92
Australia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.74	2.60	3/	0.04	2.70	-0.10	1.71
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	6.73	6.40	0.05	3.10	4.00	-0.15	6.23
India	Apr	NA	NA	NA	NA	NA	NA	NA
	May	10.89	28.00	0.70	24.50	3.80	0.00	11.29
Major Importers 8/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	71.75	36.96	29.56	70.95	2.07	0.14	65.11
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.50	0.87	1.15	1.90	0.10	0.03	0.50
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	63.32	22.50	4.50	33.50	0.10	0.00	56.72
European Union 9/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.33	1.46	0.85	0.86	1.34	0.05	0.38
Turkey	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.57	3.00	3.55	6.40	0.28	0.00	1.45
Pakistan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	2.53	9.00	1.70	10.50	0.25	0.03	2.45
Indonesia	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.57	0.01	2.75	2.75	0.01	0.00	0.57
Thailand	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.22	3/	1.30	1.28	0.00	0.03	0.22
Bangladesh	Apr	NA	NA	NA	NA	NA	NA	NA
	May	1.29	0.12	5.90	6.00	0.00	0.01	1.30
Vietnam	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.80	3/	5.20	5.10	0.00	0.00	0.91

1/ Marketing year beginning August 1. Totals may not add exactly and trade may not balance due to rounding and other factors. 2/ Generally reflects cotton lost or destroyed in the marketing channel; for Australia, Brazil, China, and the United States, reflects the difference between implicit stocks based on supply less total use and indicated ending stocks. 3/ Less than 5,000 bales. 4/ Includes Egypt and Syria in addition to the countries and regions listed. 5/ Azerbaijan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. 6/ Benin, Burkino Faso, Cameroon, Central African Republic, Chad, Cote d'Ivoire, Mali, Niger, Senegal, and Togo. 7/ Argentina, Australia, Brazil, Lesotho, Paraguay, South Africa, Tanzania, and Zimbabwe. 8/ In addition to the countries and regions listed, includes Hong Kong, Japan, Russia, South Korea, and Taiwan. 9/ Includes intra-EU trade.

## WASDE - 553 - 28

World Soybean Supply and Use 1/  
(Million Metric Tons)

2014/15		Beginning Stocks	Production	Imports	Domestic Crush	Domestic Total	Exports	Ending Stocks
World 2/		62.01	319.73	123.39	263.31	300.90	126.15	78.08
United States		2.50	106.88	0.90	50.98	54.93	50.17	5.19
Total Foreign		59.51	212.85	122.48	212.34	245.97	75.99	72.89
Major Exporters 3/		41.43	169.99	0.32	84.52	91.77	68.70	51.27
Argentina		25.27	61.40	0.00	40.24	44.40	10.57	31.70
Brazil		16.02	97.20	0.31	40.44	43.41	50.61	19.50
Paraguay		0.13	8.10	0.01	3.65	3.69	4.49	0.06
Major Importers 4/		15.29	15.39	105.26	97.91	117.11	0.29	18.54
China		13.88	12.15	78.35	74.50	87.20	0.14	17.03
European Union		0.62	1.83	13.39	13.60	15.07	0.12	0.66
Japan		0.23	0.23	3.00	2.15	3.24	0.00	0.22
Mexico		0.12	0.35	3.82	4.18	4.21	0.00	0.07
<b>2015/16 Est.</b>								
World 2/		78.08	315.86	131.08	279.41	318.17	132.58	74.25
United States		5.19	106.93	0.82	51.17	54.70	47.36	10.89
Total Foreign		72.89	208.92	130.26	228.24	263.48	85.23	63.37
Major Exporters 3/		51.27	166.70	0.36	90.03	97.49	77.60	43.24
Argentina		31.70	56.50	0.05	45.70	50.05	11.40	26.80
Brazil		19.50	99.00	0.30	40.00	43.00	59.50	16.30
Paraguay		0.06	8.80	0.01	4.10	4.14	4.60	0.13
Major Importers 4/		18.54	15.39	110.38	105.84	126.09	0.33	17.88
China		17.03	11.80	83.00	81.80	95.25	0.15	16.43
European Union		0.66	2.20	13.20	13.80	15.32	0.15	0.59
Japan		0.22	0.24	3.10	2.20	3.32	0.00	0.24
Mexico		0.07	0.33	3.95	4.25	4.29	0.00	0.06
<b>2016/17 Proj.</b>								
World 2/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	74.25	324.20	136.02	288.39	327.96	138.31	68.21
United States	Apr	NA	NA	NA	NA	NA	NA	NA
	May	10.89	103.42	0.82	52.12	55.53	51.30	8.29
Total Foreign	Apr	NA	NA	NA	NA	NA	NA	NA
	May	63.36	220.78	135.21	236.27	272.43	87.00	59.92
Major Exporters 3/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	43.24	172.00	0.36	88.75	96.42	78.29	40.89
Argentina	Apr	NA	NA	NA	NA	NA	NA	NA
	May	26.80	57.00	0.05	44.30	48.75	10.65	24.45
Brazil	Apr	NA	NA	NA	NA	NA	NA	NA
	May	16.30	103.00	0.30	40.00	43.10	60.20	16.30
Paraguay	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.13	9.00	0.01	4.20	4.25	4.75	0.14
Major Importers 4/	Apr	NA	NA	NA	NA	NA	NA	NA
	May	17.88	16.03	114.18	110.82	131.62	0.34	16.14
China	Apr	NA	NA	NA	NA	NA	NA	NA
	May	16.43	12.20	87.00	87.00	100.80	0.15	14.68
European Union	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.59	2.40	12.60	13.30	14.87	0.15	0.57
Japan	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.24	0.24	3.10	2.20	3.33	0.00	0.26
Mexico	Apr	NA	NA	NA	NA	NA	NA	NA
	May	0.06	0.37	4.00	4.28	4.33	0.00	0.11

1/ Data based on local marketing years except Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil, Paraguay, and Uruguay. 4/ China, European Union, Japan, Mexico, and Southeast Asia (includes Indonesia, Malaysia, Philippines, Vietnam, and Thailand).

## WASDE - 553 - 29

**World Soybean Meal Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		11.24	207.23	59.99	201.97	63.65	12.85
United States		0.23	40.88	0.30	29.24	11.93	0.24
Total Foreign		11.02	166.35	59.69	172.72	51.72	12.61
Major Exporters 3/		7.73	67.67	0.03	22.29	44.04	9.10
Argentina		4.07	30.93	0.00	2.30	28.58	4.13
Brazil		3.07	31.30	0.02	15.25	14.39	4.75
India		0.59	5.44	0.01	4.74	1.07	0.23
Major Importers 4/		1.54	15.04	35.81	50.54	0.43	1.43
European Union		0.25	10.74	19.25	29.64	0.36	0.25
Southeast Asia 5/		1.10	2.67	14.86	17.49	0.07	1.08
<b>2015/16 Est.</b>							
World 2/		12.85	219.26	64.63	216.81	67.25	12.67
United States		0.24	40.32	0.36	30.21	10.43	0.27
Total Foreign		12.61	178.94	64.26	186.60	56.82	12.40
Major Exporters 3/		9.10	71.25	0.03	23.22	48.50	8.65
Argentina		4.13	35.33	0.00	2.40	32.80	4.25
Brazil		4.75	30.96	0.02	15.80	15.60	4.33
India		0.23	4.96	0.01	5.02	0.10	0.07
Major Importers 4/		1.43	15.48	38.68	53.91	0.46	1.21
European Union		0.25	10.90	20.70	31.24	0.40	0.21
Southeast Asia 5/		1.08	2.91	16.13	19.17	0.06	0.89
<b>2016/17 Proj.</b>							
World 2/	Apr	NA	NA	NA	NA	NA	NA
	May	12.67	226.77	67.74	226.41	69.87	10.91
United States	Apr	NA	NA	NA	NA	NA	NA
	May	0.27	41.25	0.30	30.66	10.89	0.27
Total Foreign	Apr	NA	NA	NA	NA	NA	NA
	May	12.40	185.52	67.45	195.75	58.98	10.63
Major Exporters 3/	Apr	NA	NA	NA	NA	NA	NA
	May	8.65	72.65	0.02	23.85	50.40	7.08
Argentina	Apr	NA	NA	NA	NA	NA	NA
	May	4.25	34.37	0.00	2.48	32.80	3.35
Brazil	Apr	NA	NA	NA	NA	NA	NA
	May	4.33	31.00	0.02	16.20	15.80	3.35
India	Apr	NA	NA	NA	NA	NA	NA
	May	0.07	7.28	0.00	5.17	1.80	0.38
Major Importers 4/	Apr	NA	NA	NA	NA	NA	NA
	May	1.21	15.27	41.20	55.96	0.45	1.26
European Union	Apr	NA	NA	NA	NA	NA	NA
	May	0.21	10.51	21.70	31.79	0.40	0.22
Southeast Asia 5/	Apr	NA	NA	NA	NA	NA	NA
	May	0.89	3.10	17.60	20.59	0.05	0.94

1/ Data based on local marketing years except for Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil, and India. 4/ European Union, Southeast Asia, and Japan. 5/ Indonesia, Malaysia, Philippines, Vietnam, and Thailand.

## WASDE - 553 - 30

**World Soybean Oil Supply and Use 1/  
(Million Metric Tons)**

<b>2014/15</b>		Beginning Stocks	Production	Imports	Domestic Total	Exports	Ending Stocks
World 2/		3.61	49.04	10.08	47.96	11.10	3.67
United States		0.53	9.71	0.12	8.60	0.91	0.84
Total Foreign		3.08	39.33	9.96	39.36	10.19	2.83
Major Exporters 3/		0.99	18.03	0.29	10.75	7.61	0.94
Argentina		0.24	7.69	0.02	2.50	5.09	0.35
Brazil		0.39	7.76	0.01	6.30	1.51	0.35
European Union		0.37	2.58	0.25	1.95	1.01	0.24
Major Importers 4/		1.33	15.02	5.21	20.28	0.18	1.10
China		0.97	13.35	0.77	14.20	0.11	0.78
India		0.25	1.20	2.80	4.05	0.00	0.20
North Africa 5/		0.12	0.47	1.64	2.03	0.07	0.13
<b>2015/16 Est.</b>							
World 2/		3.67	52.23	11.32	51.15	12.18	3.89
United States		0.84	9.93	0.14	8.89	0.95	1.07
Total Foreign		2.83	42.29	11.18	42.26	11.23	2.82
Major Exporters 3/		0.94	19.07	0.27	10.86	8.52	0.91
Argentina		0.35	8.77	0.01	2.51	6.13	0.50
Brazil		0.35	7.68	0.01	6.40	1.39	0.25
European Union		0.24	2.62	0.25	1.95	1.00	0.16
Major Importers 4/		1.10	16.23	6.18	22.25	0.19	1.07
China		0.78	14.66	0.82	15.45	0.11	0.69
India		0.20	1.10	3.70	4.75	0.00	0.25
North Africa 5/		0.13	0.47	1.66	2.05	0.08	0.13
<b>2016/17 Proj.</b>							
World 2/	Apr	NA	NA	NA	NA	NA	NA
	May	3.89	53.63	11.07	53.08	11.85	3.67
United States	Apr	NA	NA	NA	NA	NA	NA
	May	1.07	10.03	0.11	9.21	1.09	0.92
Total Foreign	Apr	NA	NA	NA	NA	NA	NA
	May	2.82	43.60	10.96	43.88	10.76	2.75
Major Exporters 3/	Apr	NA	NA	NA	NA	NA	NA
	May	0.91	18.59	0.27	10.97	8.00	0.80
Argentina	Apr	NA	NA	NA	NA	NA	NA
	May	0.50	8.38	0.01	2.52	5.98	0.39
Brazil	Apr	NA	NA	NA	NA	NA	NA
	May	0.25	7.68	0.01	6.50	1.22	0.22
European Union	Apr	NA	NA	NA	NA	NA	NA
	May	0.16	2.53	0.25	1.95	0.80	0.19
Major Importers 4/	Apr	NA	NA	NA	NA	NA	NA
	May	1.07	17.76	5.76	23.22	0.19	1.17
China	Apr	NA	NA	NA	NA	NA	NA
	May	0.69	15.59	0.82	16.20	0.11	0.79
India	Apr	NA	NA	NA	NA	NA	NA
	May	0.25	1.61	3.30	4.90	0.00	0.26
North Africa 5/	Apr	NA	NA	NA	NA	NA	NA
	May	0.13	0.56	1.64	2.12	0.08	0.12

1/ Data based on local marketing years except for Argentina and Brazil which are adjusted to an October-September year. 2/ World imports and exports may not balance due to differences in local marketing years and to time lags between reported exports and imports. Therefore, world supply may not equal world use. 3/ Argentina, Brazil and European Union. 4/ China, India, and North Africa. 5/ Algeria, Egypt, Morocco, and Tunisia.

WASDE - 553 - 31

U.S. Quarterly Animal Product Production 1/

Year and Quarter	Beef	Pork	Red Meat 2/	Broiler	Turkey	Total Poultry 3/	Red Meat & Poultry	Egg	Milk
	<i>Million Pounds</i>							<i>Mil doz</i>	<i>Bil lbs</i>
2015 II	5,856	5,925	11,840	10,021	1,389	11,542	23,382	1,991	53.7
III	6,068	5,958	12,083	10,372	1,352	11,857	23,940	1,929	51.7
IV	6,109	6,457	12,625	9,937	1,458	11,526	24,150	1,980	51.3
Annual	23,698	24,501	48,432	40,048	5,627	46,198	94,630	7,977	208.6
2016 I	5,935	6,230	12,222	10,038	1,434	11,607	23,828	2,041	53.0
II*	6,085	5,965	12,108	10,200	1,450	11,790	23,898	2,060	54.4
III*	6,455	6,170	12,681	10,500	1,500	12,140	24,821	2,085	52.5
IV*	6,335	6,625	13,020	10,300	1,575	12,010	25,030	2,150	52.4
Annual									
Apr Proj.	24,825	24,970	50,027	41,100	6,010	47,650	97,677	8,305	211.8
May Proj.	24,810	24,990	50,031	41,038	5,959	47,547	97,577	8,336	212.4
2017 I*	6,050	6,290	12,398	10,250	1,450	11,830	24,228	2,070	53.3
Annual									
Apr Proj.	NA	NA	NA	NA	NA	NA	NA	NA	NA
May Proj.	25,790	25,640	51,666	42,050	6,125	48,730	100,396	8,475	215.2

\* Projection. 1/ Commercial production for red meats; federally inspected for poultry meats. 2/ Beef, pork, veal and lamb & mutton. 3/ Broilers, turkeys and mature chicken.

U.S. Quarterly Prices for Animal Products

Year and Quarter	Steers 2/	Barrows and gilts 3/	Broilers 4/	Turkeys 5/	Eggs 6/	Milk 7/
	<i>Dol./cwt</i>	<i>Dol./cwt</i>	<i>Cents/lb.</i>	<i>Cents/lb.</i>	<i>Cents/doz.</i>	<i>Dol./cwt</i>
2015 II	158.11	53.20	104.2	108.5	170.3	16.77
III	144.22	54.59	83.7	126.4	235.7	16.97
IV	127.71	44.66	77.2	130.1	174.1	17.73
Annual	148.12	50.23	90.5	116.2	181.8	17.12
2016 I	134.81	44.63	84.6	114.7	121.5	15.70
II*	123-127	49-51	89-91	116-120	77-79	14.25-14.55
III*	118-126	50-54	86-92	110-116	84-90	13.95-14.55
IV*	119-129	41-45	85-93	113-123	101-109	14.65-15.55
Annual						
Apr Proj.	131-137	46-48	84-88	111-117	100-104	15.00-15.50
May Proj.	124-129	46-48	86-90	114-118	96-100	14.60-15.10
2017 I*	118-128	40-44	82-88	107-115	96-104	14.95-15.95
Annual						
Apr Proj.	NA	NA	NA	NA	NA	NA
May Proj.	118-128	42-46	84-91	111-120	108-118	15.25-16.25

\*Projection. 1/ Simple average of months. 2/ 5-Area, Direct, Total all grades 3/ National Base, Live equiv 51-52% lean. 4/ Wholesale, National Composite Weighted Average. 5/ 8-16 lbs, hens National. 6/ Grade A large, New York, volume buyers. 7/ Prices received by farmers for all milk.

## WASDE - 553 - 32

## U.S. Meats Supply and Use

		Beginning Production		Imports	Total Supply	Exports	Ending Stocks	Total Use	Per Capita 2/ 3/	
		stocks	1/							
<i>Million Pounds /4</i>										
Beef	2015	591	23,760	3,370	27,721	2,266	683	24,771	53.9	
	2016 Proj.	Apr	683	24,889	2,900	28,472	2,455	630	25,387	55.0
		May	683	24,874	2,893	28,450	2,464	630	25,356	54.7
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	630	25,854	2,550	29,034	2,580	600	25,854	55.4
Pork	2015	559	24,517	1,111	26,187	4,941	590	20,656	49.8	
	2016 Proj.	Apr	590	24,988	1,180	26,758	5,200	625	20,933	50.2
		May	590	25,006	1,158	26,753	5,198	600	20,955	50.1
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	600	25,656	1,160	27,416	5,300	610	21,506	51.0
Total Red Meat 5/	2015	1,190	48,520	4,695	54,404	7,212	1,320	45,872	104.9	
	2016 Proj.	Apr	1,320	50,120	4,283	55,723	7,663	1,296	46,764	106.4
		May	1,320	50,120	4,293	55,734	7,670	1,271	46,793	106.2
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	1,271	51,756	3,898	56,925	7,890	1,251	47,784	107.5
Broiler	2015	680	39,620	130	40,430	6,319	832	33,279	88.9	
	2016 Proj.	Apr	832	40,660	123	41,616	6,740	665	34,211	90.9
		May	832	40,599	132	41,563	6,723	655	34,185	90.6
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	655	41,600	132	42,387	6,905	715	34,767	91.4
Turkey	2015	193	5,627	45	5,865	533	201	5,131	16.0	
	2016 Proj.	Apr	201	6,010	43	6,254	610	225	5,419	16.8
		May	201	5,959	44	6,204	605	250	5,349	16.5
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	250	6,125	40	6,415	670	250	5,495	16.8
Total Poultry 6/	2015	877	45,769	177	46,822	6,997	1,041	38,785	106.0	
	2016 Proj.	Apr	1,041	47,210	169	48,420	7,486	899	40,035	108.9
		May	1,041	47,107	179	48,327	7,466	914	39,947	108.3
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	914	48,279	174	49,367	7,715	974	40,678	109.4
Red Meat & Poultry	2015	2,066	94,289	4,872	101,227	14,209	2,361	84,657	210.9	
	2016 Proj.	Apr	2,361	97,330	4,452	104,143	15,149	2,195	86,799	215.3
		May	2,361	97,227	4,472	104,061	15,136	2,185	86,740	214.5
	2017 Proj.	Apr	NA	NA	NA	NA	NA	NA	NA	NA
		May	2,185	100,035	4,072	106,292	15,605	2,225	88,462	217.0

1/ Total including farm production for red meats and, for poultry, federally inspected plus non-federally inspected, less condemnations. 2/ Pounds, retail-weight basis for red meat and broilers; certified ready-to-cook weight for turkey. 3/ Population source: Dept. of Commerce. 4/ Carcass weight for red meats and certified ready-to-cook weight for poultry. 5/ Beef, pork, veal, lamb and mutton. 6/ Broilers, turkeys and mature chicken.



## WASDE - 553 - 33

## U.S. Egg Supply and Use

	2014	2015	2016 Proj.	2016 Proj.	2017 Proj.	2017 Proj.
			Apr	May	Apr	May
Eggs	<i>Million Dozen</i>					
Supply						
Beginning Stocks	23.0	23.3	31.1	31.1	NA	25.0
Production	8,431.4	7,977.3	8,305.0	8,336.0	NA	8,475.0
Imports	34.7	123.3	110.0	113.6	NA	60.0
Total Supply	8,489.1	8,123.9	8,446.1	8,480.7	NA	8,560.0
Use						
Exports	393.8	317.6	315.0	315.8	NA	355.0
Hatching Use	980.6	995.6	1,015.0	1,017.3	NA	1,040.0
Ending Stocks	23.3	31.1	26.0	25.0	NA	25.0
Disappearance						
Total	7,091.4	6,779.6	7,090.1	7,122.6	NA	7,140.0
Per Capita (number)	266.6	252.9	263.2	263.6	NA	262.1

## U.S. Milk Supply and Use

	2014	2015	2016 Proj.	2016 Proj.	2017 Proj.	2017 Proj.
			Apr	May	Apr	May
Milk	<i>Billion Pounds</i>					
Production	206.1	208.6	211.8	212.4	NA	215.2
Farm Use	1.0	1.0	1.0	1.0	NA	1.0
Fat Basis Supply						
Beg. Commercial Stocks	11.2	11.2	13.3	13.3	NA	12.9
Marketings	205.1	207.7	210.9	211.4	NA	214.2
Imports	4.3	5.7	7.5	7.7	NA	7.0
Total Cml. Supply	220.6	224.6	231.7	232.4	NA	234.1
Fat Basis Use						
Commercial Exports	12.4	8.8	8.4	8.9	NA	9.1
Ending Commercial Stocks	11.2	13.3	12.7	12.9	NA	12.0
CCC Donations	0.0	0.0	0.0	0.0	NA	0.0
Domestic Commercial Use	196.9	202.5	210.6	210.7	NA	213.0
Skim-solid Basis Supply						
Beg. Commercial Stocks	11.7	13.1	13.9	13.9	NA	14.1
Marketings	205.1	207.7	210.9	211.4	NA	214.2
Imports	5.6	5.9	6.2	6.4	NA	6.2
Total Cml. Supply	222.4	226.7	230.9	231.7	NA	234.5
Skim-solid Basis Use						
Commercial Exports	39.1	37.3	36.2	36.2	NA	37.6
Ending Commercial Stocks	13.1	13.9	14.1	14.1	NA	13.7
CCC Donations	0.0	0.0	0.0	0.0	NA	0.0
Domestic Commercial Use	170.2	175.5	180.6	181.3	NA	183.2

Note: Totals may not add due to rounding.

## WASDE - 553 - 34

## U.S. Dairy Prices

	2014	2015	2016 Proj. Apr	2016 Proj. May	2017 Proj. Apr	2017 Proj. May
<b>Product Prices 1/</b>			<i>Dollars Per Pound</i>			
Cheese	2.1551	1.6454	1.510- 1.560	1.455- 1.505	NA	1.540- 1.640
Butter	2.1361	2.0670	2.005- 2.085	1.985- 2.065	NA	1.880- 2.010
Nonfat Dry Milk	1.7682	0.9016	0.760- 0.800	0.740- 0.780	NA	0.855- 0.925
Dry Whey	0.6538	0.3804	0.230- 0.260	0.235- 0.265	NA	0.255- 0.285
			<i>Dollars Per Cwt</i>			
<b>Milk Prices 2/</b>						
Class III	22.34	15.80	13.65- 14.15	13.15- 13.65	NA	14.05- 15.05
Class IV	22.09	14.35	12.90- 13.50	12.65- 13.25	NA	13.15- 14.25
All Milk 3/	23.97	17.12	15.00- 15.50	14.60- 15.10	NA	15.25- 16.25

1/ Simple average of monthly prices calculated by AMS from weekly average dairy product prices for class price computations. 2/ Annual Class III and Class IV prices are the simple averages of monthly minimum Federal order milk prices paid by regulated plants for milk used in the respective classes. All milk price is the simple average of monthly prices received by farmers for milk at average test. 3/ Does not reflect any deductions from producers as authorized by legislation.

## WASDE - 553 - 35

## Reliability of May Projections 1/

Note: Tables on pages 35-37 present a record of the May projection and the final Estimate. Using world wheat production as an example, the "root mean square error" means that chances are 2 out of 3 that the current forecast will not be above or below the final estimate by more than 3.2 percent. Chances are 9 out of 10 (90% confidence level) that the difference will not exceed 5.4 percent. The average difference between the May projection and the final estimate is 16.2 million tons, ranging from 1.7 million to 35 million tons. The May projection has been below the estimate 21 times and above 14 times.

	Root mean square error	90 percent confidence interval	Differences between forecast and final estimate				
			Average	Smallest	Largest	Below Final	Above Final
	Percent		Million Metric Tons				
<b>WHEAT</b>							
Production							
World	3.2	5.4	16.2	1.7	35.0	21	14
U.S.	6.5	11.1	2.9	0.0	9.8	18	17
Foreign	3.3	5.7	15.0	1.6	32.9	20	15
Exports							
World	6.0	10.2	5.8	0.1	17.6	24	11
U.S.	12.7	21.5	3.1	0.0	10.2	19	15
Foreign	7.0	11.9	5.4	0.4	17.8	25	10
Domestic Use							
World	2.2	3.7	9.7	0.3	28.0	22	13
U.S.	7.4	12.6	1.8	0.2	6.4	17	18
Foreign	2.1	3.6	9.1	0.2	24.7	23	12
Ending Stocks							
World	10.5	17.9	12.7	0.3	35.9	22	13
U.S.	21.3	36.2	3.6	0.1	14.1	19	16
Foreign	10.7	18.1	10.8	2.5	31.0	21	14
<b>COARSE GRAINS 2/</b>							
Production							
World	3.8	6.5	26.5	1.1	103.6	16	19
U.S.	14.6	24.8	21.1	0.9	103.8	18	17
Foreign	2.8	4.8	14.3	0.2	42.8	15	20
Exports							
World	7.7	13.1	7.5	1.3	17.9	24	11
U.S.	28.4	48.3	8.3	0.1	29.5	14	21
Foreign	14.2	24.2	6.7	0.3	20.8	24	11
Domestic Use							
World	2.1	3.5	15.1	0.4	68.4	17	18
U.S.	6.2	10.5	8.3	0.2	38.4	22	13
Foreign	2.1	3.5	11.5	0.5	32.8	17	18
Ending Stocks							
World	20.9	35.4	22.8	2.6	71.4	21	14
U.S.	57.7	97.8	17.7	1.3	57.6	16	19
Foreign	17.6	29.9	11.8	0.0	33.9	23	12
<b>RICE, milled</b>							
Production							
World	2.5	4.2	7.1	0.0	21.8	20	15
U.S.	7.4	12.5	0.3	0.0	1.0	20	15
Foreign	2.5	4.3	7.1	0.4	22.0	20	15
Exports							
World	9.8	16.7	1.6	0.1	7.5	26	9
U.S.	12.1	20.5	0.3	0.0	1.0	19	12
Foreign	10.5	17.9	1.5	0.2	7.1	26	9
Domestic Use							
World	2.0	3.3	5.0	0.0	19.4	24	11
U.S.	9.6	16.2	0.2	0.0	0.6	13	21
Foreign	2.0	3.4	5.0	0.2	20.0	25	10
Ending Stocks							
World	14.4	24.5	5.1	0.1	17.0	23	12
U.S.	33.8	57.4	0.3	0.0	0.9	19	14
Foreign	15.9	26.9	5.1	0.1	16.7	23	12

1/ Footnotes at end of table.

CONTINUED

## WASDE - 553 - 36

## Reliability of May Projections (Continued) 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
<b>SOYBEANS</b>	<i>Percent</i>			<i>Million Metric Tons</i>			
Production							
World	NA	NA	10.2	1.5	23.1	4	3
U.S.	8.9	15.1	4.3	0.0	12.0	17	18
Foreign	NA	NA	7.2	0.7	16.9	6	1
Exports							
World	NA	NA	6.6	0.6	10.6	6	1
U.S.	15.9	27.1	3.0	0.0	6.8	19	15
Foreign	NA	NA	4.1	0.7	12.3	5	2
Domestic Use							
World	NA	NA	7.2	1.2	12.1	4	3
U.S.	6.6	11.2	2.1	0.2	7.5	21	14
Foreign	NA	NA	6.1	0.2	10.8	4	3
Ending Stocks							
World	NA	NA	8.2	4.6	17.2	3	4
U.S.	61.7	104.7	2.8	0.2	8.4	10	25
Foreign	NA	NA	7.3	1.0	15.7	4	3
<b>COTTON</b>	<i>Million 480-Pound Bales</i>						
Production							
World	6.4	10.9	4.4	0.1	16.7	21	14
U.S.	11.2	19.0	1.6	0.1	5.5	17	18
Foreign	6.5	11.1	3.5	0.1	12.2	20	15
Exports							
World	10.5	17.8	2.2	0.1	12.4	19	16
U.S.	30.7	52.2	1.4	0.1	3.9	21	14
Foreign	13.7	23.3	1.7	0.1	10.4	19	16
Domestic Use							
World	4.6	7.8	3.1	0.1	17.2	13	22
U.S.	9.7	16.5	0.5	0.0	1.4	17	17
Foreign	4.6	7.9	3.0	0.0	16.6	15	20
Ending Stocks							
World	18.4	31.3	6.5	1.0	18.1	24	11
U.S.	44.8	76.1	1.5	0.0	4.3	16	19
Foreign	17.5	29.7	5.5	0.1	17.2	24	11

1/ Marketing years 1981/82 through 2015/16 for grains, soybeans (U.S. only), and cotton. Marketing years 2009/10 through 2015/16 for global and foreign soybeans. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2014/15, and for 2015/16 last month's estimate. 2/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

## WASDE - 553 - 37

## Reliability of United States May Projections 1/

	Differences between forecast and final estimate						
	Root mean square error	90 percent confidence interval	Average	Smallest	Largest	Years Below Final	Years Above Final
<b>CORN</b>	<i>Percent</i>		<i>Million Bushels</i>				
Production	15.5	26.3	746	8	4,010	14	21
Exports	29.6	50.3	298	0	1,100	15	19
Domestic Use	6.6	11.2	325	11	1,538	23	12
Ending Stocks	69.3	117.6	637	41	2,091	16	19
<b>SORGHUM</b>							
Production	20.9	35.5	91	0	228	15	19
Exports	33.5	56.9	46	0	190	16	18
Domestic Use	25.7	43.5	56	0	162	14	20
Ending Stocks	73.4	124.6	52	1	238	13	22
<b>BARLEY</b>							
Production	14.7	24.9	29	1	206	13	22
Exports	73.3	124.4	15	0	92	18	14
Domestic Use	11.7	19.9	31	0	95	16	18
Ending Stocks	21.6	36.7	23	0	78	16	18
<b>OATS</b>							
Production	25.8	43.8	33	1	231	9	26
Exports	116.6	197.8	1	0	8	8	12
Domestic Use	11.1	18.9	22	1	160	13	22
Ending Stocks	34.1	57.9	18	0	77	11	21
<b>SOYBEAN MEAL</b>			<i>Thousand Short Tons</i>				
Production	5.9	10.0	1,367	0	5,344	21	13
Exports	18.6	31.5	1,028	0	2,750	21	13
Domestic Use	4.6	7.9	887	24	4,950	17	18
Ending Stocks	44.2	74.9	57	0	388	11	15
<b>SOYBEAN OIL</b>			<i>Million Pounds</i>				
Production	5.6	9.4	654	18	2,500	24	11
Exports	36.8	62.4	501	25	1,700	20	15
Domestic Use	4.0	6.8	445	8	1,800	21	14
Ending Stocks	38.3	64.9	485	25	1,702	21	14
<b>ANIMAL PROD. 3/</b>			<i>Million Pounds</i>				
Beef	4.1	7.0	778	40	2,727	15	7
Pork	3.5	6.0	537	61	1,722	14	7
Broilers	2.5	4.4	705	80	1,640	10	12
Turkeys	4.2	7.2	178	2	500	12	10
			<i>Million Dozen</i>				
Eggs	1.5	2.6	89	2	230	13	9
			<i>Billion Pounds</i>				
Milk	1.6	2.8	2.2	0.0	6.7	11	9

1/ See pages 35 and 36 for record of reliability for U.S. wheat, rice, soybeans, and cotton. Marketing years 1981/82 through 2015/16 for grains, soybeans, and cotton. Final for grains, soybeans, and cotton is defined as the first November estimate following the marketing year for 1981/82 through 2014/15, and for 2015/16 last month's estimate. Calendar years 1982 through 2015 for meats, eggs, and milk. Final for animal products is defined as the latest annual production estimate published by NASS for 1983-2014.

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## Related USDA Reports

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The *WASDE* report incorporates information from a number of statistical reports published by USDA and other government agencies. In turn, the *WASDE* report provides a framework for more detailed reports issued by USDA's Economic Research Service and Foreign Agricultural Service. For more information on how the *WASDE* report is prepared, go to: <http://www.usda.gov/oce/commodity/wasde>.

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## Supply and Demand Database

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The Foreign Agricultural Service publishes Production, Supply, and Demand Online, a comprehensive database of supply and demand balances by commodity for 190 countries and regions at <http://www.fas.usda.gov/psd/online>. Data for grains, oilseeds, and cotton are updated monthly and data for other commodities are updated less frequently.

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## Foreign Production Assessments

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Preliminary foreign production assessments and satellite imagery analysis used to prepare the *WASDE* report are provided by the Production Estimates and Crop Assessment Division (PECAD) of the Foreign Agricultural Service. PECAD is located at [www.pecad.fas.usda.gov/](http://www.pecad.fas.usda.gov/).

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## Metric Conversion Factors

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**1 Hectare = 2.4710 Acres**

**1 Kilogram = 2.20462 Pounds**

<b>Metric-Ton Equivalent</b>	<b>= Domestic Unit</b>	<b>Factor</b>
Wheat & Soybeans	bushels	.027216
Rice	cwt	.045359
Corn, Sorghum, & Rye	bushels	.025401
Barley	bushels	.021772
Oats	bushels	.014515
Sugar	short tons	.907185
Cotton	480-lb bales	.217720



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