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Situation and Outlook

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Wheat Outlook

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2017 Winter Wheat Plantings Lowest in 108 Years; 2016/17 Ending Stocks Raised on Lower Seed, Feed and Residual Use

Wheat Chart Gallery will be updated on January 17, 2017.

The next release is February 13, 2017.

Approved by the World Agricultural Outlook Board.

The *Winter Wheat and Canola Seedings* report revealed 2017 winter wheat seedings to be the second-lowest on record and the lowest since 1909. This results in an 8-million-bushel cut to 2016/17 seed use, now projected at 61 million. The *Grain Stocks* report informs updated domestic use estimates and, in combination with rising wheat prices, provides support for a 35-million-bushel reduction in 2016/17 feed and residual use. With no changes made to wheat production and all wheat trade projections, seed and feed and residual use adjustments underpin an increase in 2016/17 ending stocks, raised 43 million this month and remaining at the highest level since 1987/88.

Projected 2016/17 record world-wheat production is up this month, with increases in Argentina, Russia, and the European Union (EU). Wheat consumption and stocks are projected higher, while record-high wheat trade is increased further for the July-June international trade year.

Domestic Outlook

2016/17 U.S. Wheat Ending Stocks Raised; Feed and Residual Lowered

With the release of three key USDA NASS reports this month, a number of U.S. all wheat and wheat by class balance sheet adjustments were made. Most notably, 2016/17 ending stocks are raised slightly more than 43 million bushels to 1143.4 million, the highest level since 1987/88, when ending stocks reached 1260.8 million. Higher ending stocks are projected, in part, based on reduced feed and residual use, down 35 million bushels to 225 million. The feed and residual reduction is attributable to slower than expected movement of lower-protein, mainly Hard Red Winter (HRW), wheat into feeding channels, which is itself due to abundance of corn and the rising relative cost of feed wheat. Marketing may have been slowed in recent weeks due to bitterly cold and snowy weather that is reported to have delayed rail car loadings; during weeks 46-52 of 2016 when grain rail traffic largely fell below 2014 levels.

Seed use estimates for the current marketing year are updated this month and reflect winter wheat planted area for the 2017/18 marketing year, as reported in the NASS *Winter Wheat and Canola Seedings* report. With winter wheat planted area for 2017/18 projected at just 32.39 million acres, a 3.75 million acre drop year-to-year, seed use in 2016/17 is lowered 8 million bushels to 61 million. All wheat imports, exports and food use are unchanged this month.

2017 Winter Wheat Seedings Lowest in 108 Years

After consecutive years of low prices and sizable carryouts, U.S. farmers have opted to plant the second lowest number of winter wheat acres on record, and the smallest number in 108 years. Winter wheat sowings for the current marketing year (2016/17) were well below average and, at the time, the sixth lowest on record. With a 10 percent year-to-year decline, winter wheat sowing for 2017/18 are estimated at just 32.4 million acres. HRW plantings are reduced 3.3 million acres (12 percent) from 2016, to 23.3 million acres. Plantings in most HRW growing States are down and are record-low in Nebraska and Utah. Winter wheat plantings in Kansas alone are down 1.1 million acres. Other sizable year-to-year reductions in planted area are projected for Montana (down 350,000 acres), Oklahoma (down 500,000 acres) and Texas (down 500,000 acres).

In the majority of reporting States, the wheat crop is reported to be in good to excellent condition at the end of December. However, in Kansas, a lack of moisture followed by a period of deep cold has reduced winter wheat condition ratings to below normal and far below last year. Just 44 percent of the winter wheat crop in the State is rated good (42 percent) to excellent (2 percent), in contrast to 96 percent rated similarly at the same time a year prior. Last year, the production-reduction effects of lower year-to-year HRW planted area were more than offset by record yields. Based on the conditions ratings to date, yields are not expected to repeat the same performance in 2017/18.

2016/17 Winter Wheat Production, By Class

Hard red winter (HRW) wheat production, forecast at 1,081.7 million bushels, is unchanged from December but up 251 million bushels from a year ago. Record-high HRW yields bolstered production in the 2016/17 marketing year, even as planted area declined from the prior year. Soft red winter (SRW) wheat production is forecast at 345 million bushels, unchanged from December, but down nearly 14 million bushels from last year due to a combination of lower harvested area and lower yields. White winter wheat production for 2016 is forecast to total 244.6 million bushels, up nearly 60 million bushels

from a year ago. The planted and harvested areas, production, and yield for white winter wheat are as follows (hard white winter = HWW and soft white winter = SWW):

| 2016 | HWW | \mathbf{SWW} |
|---------------------------------------|---------------|----------------|
| Planted area (million acres) | 0.515 | 3.016 |
| Harvested area (million acres) | 0.474 | 2.908 |
| Yield (bushels/acre) | 53.7 | 75.4 |
| Production (million bushels) | 25.476 | 219.136 |
| | | |
| 2015 | HWW | \mathbf{SWW} |
| Planted area (million acres) | 0.48 | 2.934 |
| · · · · · · · · · · · · · · · · · · · | | |
| Harvested area (million acres) | 0.422 | 2.812 |
| Yield (bushels/acre) | 0.422 38.1 | 2.812 60.1 |

Balance Sheet Changes

For 2015/16, the balance sheet updates this month are limited to ending stocks for HRW and durum, based on new NASS data releases. These minor changes, documented in the Wheat Data section of the USDA ERS website, result in a slightly reduced beginning stocks estimate for 2016/17. With no changes made to all wheat production and imports, total 2016/17 supply is lowered by, 86,000 bushels, the amount equivalent to the change in carry-in. Ahead of the next USDA NASS *Grain Milling* report, no adjustments to marketing year or quarterly food use are made this month. Seed use is lowered 8 million bushels to 61 million on the basis of revised out-year winter wheat planted area expectations and seed use associated with the baseline out-year projections for durum and other spring wheat.

Feed and residual use is lowered 35 million bushels this month to 225 million. Nearly 70 percent of the 2016/17 wheat crop has been marketed through November with limited reports of wheat use for feed, despite the HRW crop having lower protein levels which make the grain easier to incorporate into feed rations. When coupled with recent increases in cash prices which reduce the competitiveness of wheat as a feed ingredient relative to corn in regional cash markets where feeding is most likely to be observed, there is ample downward pressure on the feed component of the feed and residual category. Also, HRW exports have ticked up-relative to expectations-in recent weeks, increasing the importance of a non-feed outlet for the crop.

In recognition of higher-than-normal proportion of #4 and #5 grade durum and vomitoxin (DON) levels in areas of the Northern Plains, durum feed and residual is raised 5 million bushels this month. These quality issues contribute to expectations that non-milling quality durum has or will make its way into livestock feeding channels.

| Table 1 - W | heat supply an | d utilization at a | glance (2016/1 | 7), January | 2017 | |
|---------------------|--------------------------------|--------------------------|-------------------------------|------------------|----------------------------|---|
| Direction of change | Balance Sheet Item | Last Month (December) | Current Month (January) | Previous Year | Change from previous month | Comments |
| ltem | | | | | | May-June Marketing Year |
| | Area Planted (Mil. Ac) | 50.154 | 50.154 | 54.999 | 0 | |
| | Area Harvested (Mil. Ac) | 43.89 | 43.89 | 47.318 | 0 | |
| | Yield Bu. | 52.6 | 52.6 | 43.6 | 0 | |
| Supply | | | 1 | Million bushe | ls | |
| | Beginning Stocks | 975.689 | 975.602 | 752.394 | -0.087 | Slight NASS reduction to 2015/16 ending stocks, 2016/17 carryin due to very slight decrease in Q3 15/16 durum and HRW ending stocks revison |
| | Production | 2309.675 | 2309.675 | 2061.939 | 0 | No NASS update to 2016/17 All Wheat production |
| | Import | 125 | 125 | 112.912 | 0 | No All Wheat Change, HRW (-1), HRS (-2), SRW (+4), durum (-1), based on pace of trade through Q2 and U.S. Census sales data. |
| 1 | Supply, Total | 3410.364 | 3410.3 | 2927.2 | -0.087 | |
| Demand | | | I | Million bushe | ls | |
| | Food | 963.0 | 963.0 | 957.4 | 0 | No change ahead of February USDA-NASS milling report |
| 1 | Seed | 69.0 | 61.0 | 67.2 | -8 | Based on revised planted area expectations for 2017/18 crop informed by the NASS <i>Winter Wheat and Canola Seedings</i> report |
| 1 | Feed and Residual | 260.0 | 225.0 | 152.2 | -35 | Lower-than-expected Sept-Dec disappearance; rising wheat-corn price ratio; ample stocks of competing feeds |
| 1 | Domestic, Total | 1292.0 | 1249.0 | 1176.6 | -43 | |
| | Exports | 975.0 | 975.0 | 775.1 | 0 | Based on pace of sales in Q1, trade expansion for HRW (+15) and HRS (+10 bu.) |
| 1 | Use, Total | 2267.0 | 2224.0 | 1952.0 | -43 | Carry through of seed use and feed and residual changes |
| 1 | Ending Stocks | 1143.0 | 1186.3 | 975.6 | 43.277 | Reduced domestic use builds '16/17 ending stocks |
| Source: US | DA, World Agric | ultural Outlook Boa | ard. | | | |

All Wheat Price Moves Upward

Encouraged by higher cash prices, farmers are reported to be increasing marketings of their stored wheat crops. The season average farm price was raised by 10 cents this month to \$3.80 per bushel. With the majority of the 2016/17 crop marketed to date, the price range is narrowed by a 15-cent increase on the low end and a 5-cent increase on the high-end.

Loan Deficiency Payments Provide Support during Period of Low Wheat Prices

When wheat prices posted at county elevators (e.g., posted county prices) fall below the county and classspecific marketing assistance loan rate announced annually each spring by the USDA, local growers are considered to be eligible to receive Loan Deficiency Payments (LDPs) on their wheat. With 2016/17 all wheat prices reaching decade lows in many regions, a number of producers have been able to benefit from government support, including the LDP program. This is the first time LDPs have been made for wheat since the 2010/11 marketing year. USDA reports that LDPs in the 2016/17 marketing year to date are \$114.5 million and well short of the record-large \$854.7 million in the 1998/99 marketing year. Posted county prices have been particularly low for HRW, and in the 2016/17 marketing year, LDPs to date have been confined to HRW. Payments have been made on a total of 551.2 million bushels of wheat with an average LDP of almost 19 cents per bushel. Per bushel payments (to date) are highest in Oklahoma, at near 26 cents per bushel. By far, the largest number of bushels receiving an LDP are found in Kansas. To date, about 271.5 million bushels of wheat or about 58 percent of the total volume of wheat produced in the State and during the current marketing year has received an LDP.

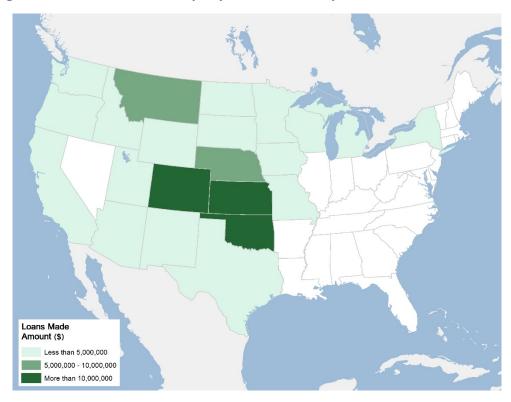


Figure 1: USDA Loan Deficiency Payments received by wheat farmers in 2016/17, to date

Source: USDA, Farm Services Agency

International Outlook

World Wheat Production Record Continues to Increase

World wheat record-high production in 2015/16 is projected to reach 751.3 million tons, up 1.4 million this month, surpassing last year's record by 15.8 million tons.

In Argentina, wheat production for 2016/17 is up 0.6 million tons to 15.0 million, the highest in 5 years. Although unusually wet conditions delayed wheat planting in Argentina last August, the abundance of moisture ensured a high level of subsoil moisture that allowed wheat to hold well through dryness in November and the first part of December.

In Russia, wheat production for 2016/17 is up 0.5 million tons to 72.5 million, as the Russian Government statistical agency reported the so-called "clean weight" of wheat output (as opposed to "bunker weight," clean weight measures grain output after it has been adjusted for standard moisture and cleaned). The agency actually reported 73.0 million tons of wheat harvested, but this number includes the Crimea, which officially is part of Ukraine, and where wheat output is projected to be 0.8 million tons.

Another small increase is made for the European Union (EU), where wheat production in 2016/17 is projected slightly up by 0.4 million tons to 144.3 million. The increase is based on an official revision of harvest results. For more information and a visual display of this month's changes in wheat production see table A and map A.

| Tal | ble A - Wheat p | roductio | n at a glaı | nce (201 | 6/17), January 2017 | | |
|-----|-------------------|-----------|--------------|---------------------|---|--|--|
| | Country or region | Crop year | Production | Change ¹ | Comments | | |
| | | | Million tons | | | | |
| 1 | World | | 752.7 +1.4 | | An increase in record-high world wheat production, up 17.2 million tons compared to previous record of 2015/16. | | |
| 1 | Foreign | | 689.8 | +1.4 | | | |
| | United States | June-May | 62.9 | No change | See section on U.S. domestic wheat. | | |
| 1 | Argentina | Dec-Nov | 15.0 | +0.6 | Although unusually wet conditions affected wheat planting back in August, wheat area ended up higher than expected before as was recently reported by the Government. Virtually all wheat has been harvested in Argentina with higher-than-projected reported yields. | | |
| 1 | Russia | July-June | 72.5 | +0.5 | Preliminary harvest results were issued by the Russian statistical agency ROSSTAT. Crimean wheat output (0.8 million tons) is deducted from the result. | | |
| 1 | European Union | July-June | 144.3 | +0.4 | At this point, the increase is a fine-tuning of the European wheat area and output. This month, small changes are made for Germany, Austria, Bulgaria, and the U.K. | | |

¹Change from previous month. Changes of less than 0.2 million tons are also made for several countries; see map A. Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

European Union 0.35 Wheat Production -0.02 Bolivia Change (Million tons) 0.002 -0.12 -0.11 - -0.02 South Africa No Change Uruguay -0.12 0.0 - 0.1 0.11 0.2 - 0.3 0.4 - 0.6

Map A – Wheat production changes for 2016/17, January 2017

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

Wheat Use Slightly Up

Global consumption of wheat in 2016/17 is up fractionally this month to 739.9 million. Ample supplies of low-quality, competitively priced wheat encourage additional wheat feeding in wheat-producing and importing countries. Foreign feed and residual wheat use is forecast up 0.5 million tons this month, with higher feed use projected for Canada and Vietnam. Food use in projected to increase in India (see COUNTRY FOCUS – INDIA below) as well as in Brazil and Bangladesh.

At-a-glance information on this month's changes in wheat domestic consumption is presented in table B.

| Tal | ole B - Wheat d | lomestic con | sumption | at a glance (2016/17), January 2017 |
|-----|-------------------|----------------------|---------------------|--|
| | Country or region | Domestic consumption | Change ¹ | Comments |
| | | Million t | ons | |
| 1 | World | 739.9 | +0.1 | Includes both feed and residual use as well as food, seed, and industrial (FSI) use. |
| 1 | Foreign | 705.9 | +1.3 | Includes both feed and residual use as well as food, seed, and industrial (FSI) use. |
| 1 | United States | 34.0 | -1.2 | See section on U.S. domestic wheat. |
| 1 | India | 96.8 | +0.7 | The Government has adjusted the applied tariff for wheat to facilitate private-sector imports and moderate open market prices. The tariff was reduced from 25 to 10 percent in September 2016, and then to zero in early December 2016. Higher-quality additional imported wheat is expected to be used for milling purposes to blend with lower-quality domestic wheat. See also "COUNTRY FOCUS-INDIA". |
| 1 | Canada | 10.2 | +0.3 | Further increase in feed use in Canada is expected. Exports are projected lower as more reduced-quality wheat is expected to be used for feeding purposes. |
| 1 | Brazil | 11.5 | +0.2 | Food use of wheat is projected higher this month, as the country is expected to import more higher-quality wheat for milling purposes. |
| 1 | Vietnam | 3.2 | +0.2 | With feed-quality wheat prices at historical lows, the country's pace of imports is high. Additional wheat from Australia and Argentina is expected to be partly used for food, and partly to expand wheat feeding for both animals and aquaculture. It should be noted that the feed and residual use category by definition includes unaccounted-for-wheat sent to neighboring countries. |
| 1 | Bangladesh | 6.5 | +0.1 | Food use is up this month, reflecting a high pace of wheat imports, mainly from Russia, Ukraine, Canada, and Australia. |

¹Change from previous month.

Note: Wheat food use is also slightly adjusted for Angola and Moldova based on trade changes.

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

Foreign Wheat Ending Stocks Unchanged

The projected expansion of world wheat supplies exceeds higher projected consumption, such that estimates for global ending stocks are up. Stocks are now projected to increase the record to 253.3 million tons, up 1.2 million. Multiple changes in stocks are made this month as a result of specific countries' production and trade revisions, but the resulting foreign wheat ending stocks are unchanged.

At-a-glance information for this month's changes in wheat ending stocks is presented in table C and map C.

| Tal | ole C - Wheat e | nding sto | cks at a g | lance (2016/17), January 2017 | | |
|-----|-------------------|------------|---------------------|---|--|--|
| | Country or region | End stocks | Change ¹ | Comments | | |
| | | Million | tons | | | |
| | World | 253.3 | +1.2 | World wheat ending stocks are projected to decline fractionally. The record- high stocks are currently projected up 11.6 million tons on the year. | | |
| | Foreign | 221.0 | No change | Changes in stocks for individual countries are fully offsetting. | | |
| 1 | United States | 32.3 +1.2 | | See section on domestic U.S. wheat. | | |
| 1 | Australia | 6.7 | - 0.7 | Increase in projected wheat exports for 2016/17 and lower beginning stocks. | | |
| 1 | Ukraine | 2.8 | - 0.2 | Higher projected wheat exports. | | |
| 1 | Argentina | 0.7 | - 0.2 | Lower beginning stocks, while higher production is fully offset by increased exports. | | |
| 1 | Canada | 6.2 | +0.2 | Higher projected wheat feed use is only partly offset by a decline in exports, leaving more to stocks. | | |
| 1 | Russia | 10.6 | +0.5 | Increase in projected wheat supplies. | | |

¹Change from previous month. Smaller changes are made for a number of countries; see map C.

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

Russia Canada Belarus European Ukraine Union Moldova Azerbaijan Morocco Bangladesh Algeria Egypt Mauritania Sudar Thailand Senegal Vietnam Guinea Ghana Wheat Stocks Tanzania Change Brazil (Million tons) Angola Bolivia -0.67 Paraguay -0.66 - -0.14 South -0.13 - 0.0 Africa Chile Űruguay No Change Argentina 00-02 0.3 - 0.5 0.6 - 1.2

Map C – Wheat ending stocks changes for 2016/17, January 2017

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

World Wheat Record Trade Continues To Rise

Projected record world wheat trade for the international 2016/17 July-June trade year is further increased this month by 1.6 million tons, to 177.0 million. Competition among exporters is getting tougher. Wheat-importing countries are taking advantage of the "buyer" wheat market to stock up on additional wheat supplies.

India is projected to import additional 0.7 million tons of wheat to reach the level of 3.7 million tons of imports not seen since 2006. See the narrative on India below.

COUNTRY FOCUS - INDIA

Uncertainty in India's Near Term Wheat Import Outlook

(Submitted by Maurice Landes, ERS/USDA, mlandes@ers.usda.gov)

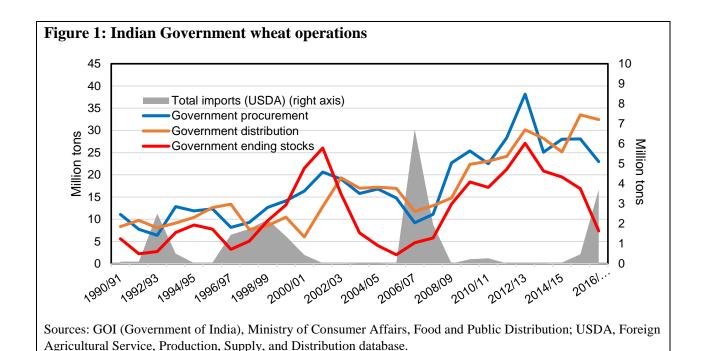
Historically, India's wheat trade has been cyclical. Periods of good harvests tend to boost government procurement, ease consumer demand for subsidized wheat, and build stocks above food security targets, leading to occasional exportable surpluses. Government policy typically responds to stock surpluses with relatively small adjustments to the support price. Periods of weaker price incentives and/or weather-reduced harvests tend to reduce procurement, boost demand for subsidized wheat, and deplete stocks, leading to occasional Government imports. Government policy has then typically responded to the shortage with relatively large increases in the support price, contributing to the next cyclical stock buildup. With consecutive years of weather-damaged wheat crops in 2015 and 2016 leading to reduced government procurement, wheat stocks are currently approaching a cyclical low. Declining stocks have led to a surge in wheat imports in the 2016/17 marketing year, and questions about potential for additional near-term import demand.

Continued on next page.

Several factors add uncertainty to the outlook assessment:

- It is unusual for there to be such a *large discrepancy between the government (93.5 million tons) and trade estimates (85-87 million) of the size of the 2016 wheat crop*. Low procurement and firm open market prices have added credence to the lower trade estimates—and to prospects for larger imports—but there is still an unusual degree of uncertainty about open market supplies.
- India's new National Food Security Act (NFSA) has finally been implemented in most states during 2016/17, and it is unclear to what extent this may affect the amount of subsidized wheat actually distributed from Government stocks. Under previous policy, quantities distributed tended to fluctuate depending on the size of Government stocks and market price conditions. Under the NFSA, ration amounts are now legally guaranteed and the subsidized prices are much lower. Although the targeted total volume of subsidized wheat to be distributed under the NFSA is similar to what was distributed in recent years under the old policy, the Government may have less flexibility to adjust Government distribution levels as stocks decline.
- In a significant change from past management of wheat shortages, the Government has adjusted the applied tariff for wheat to facilitate private sector imports and moderate open market prices. The tariff was changed from 25 to 10 percent in September 2016, and then to zero in early December 2016. So far, all of the 3.7 million tons of imports that are forecast to arrive in 2016/17 are expected to be by the private sector. It is uncertain to what extent these private imports will moderate demand for wheat from Government stocks through its open market sales to flour millers and, hence, the need for the Government to import additional quantities of wheat.
- Stability in consumer prices of food staples and support of farm prices are both important, if conflicting, political priorities in India that have historically required policymakers to strike a balance. Farmers in major wheat-producing states such as Uttar Pradesh, Punjab, and Haryana are highly reliant on the Government support price, but support prices can also influence prices faced by consumers for open market supplies. With upcoming elections in key States, including the largest state of Uttar Pradesh, it is unclear how the policy debate will be resolved under current circumstances. In recent years, meeting low consumer price inflation targets has become an increasingly important macroeconomic policy objective, a fact that may argue for the Government to take steps, including wheat imports, to ensure consumer price stability. However, the Government may prefer not to undertake imports on its own account, with a possible backlash from wheat producers, until after the April-June 2017 wheat harvest.

Continued on next page.



Despite Strong Performance, U.S. Exports are Unchanged

The U.S. wheat export forecast for 2016/17 is unchanged this month at 26.0 million tons. Exports have been strong in the first months of the season. However, the still-strong U.S. dollar and ample wheat supplies in all major wheat-exporting countries are expected to slow down the U.S. pace of exports. A special challenge is coming from Argentina, which is becoming the most competitive wheat supplier in all parts of the world and is quickly gaining market share. For at-a-glance information on this month's changes in wheat trade with country-specific details, see table D, and map D1 (wheat exports) and map D2 (imports).

| Tal | ble D - Wheat t | rade at a g | lance (20 | 016/17), January 2017 |
|-----|--------------------|-------------|---------------------|---|
| | Country or region | Trade | Change ¹ | Comments |
| | | Million | tons | July-June international trade year |
| 1 | World | 177.0 | +1.6 | |
| 1 | Foreign | 151.0 | +1.6 | |
| Wh | eat Exports (2016 | /17) | | |
| 1 | United States | 26.0 | No change | Despite strong export commitments, U.S. wheat export prospects are unchanged, reflecting increased competitor supplies and the somewhat slowing pace of sales. |
| 1 | Argentina | 9.0 | +0.8 | The increase is based on the strong pace of wheat export shipment in October-November, the last months of the Argentine 2015/16 local marketing year that ends in November. The December-November marketing year overlaps with the 2016/17 international trade year that starts in July. Argentine wheat is currently the cheapest among major competitors. |
| 1 | Australia | 23.5 | +0.5 | Record-high projected wheat output, ample exportable supplies, and declining domestic prices make Australia highly competitive. In addition to its traditional destinations, Australia is expected to become a primary supplier of milling wheat to India. |
| 1 | European Union | 25.5 | +0.5 | Higher exportable supplies of wheat projected this month. |
| 1 | Canada | 21.0 | -0.5 | The decline is supported by the pace of exports, which is high, but not sufficient to reach the previously projected level. Share of lower-quality wheat in Canadian supplies is high this season, and competition in this segment of the wheat market is strong. |
| Wh | eat Imports (2016/ | 17) | | |
| 1 | India | 3.7 | +0.7 | The Government has adjusted the applied tariff for wheat to facilitate private sector imports and moderate open market prices. The tariff was reduced from 25 to 10 percent in September 2016, and then to zero in early December 2016. See "COUNTRY FOCUS—INDIA" on the uncertainty in India's near-term wheat import outlook. |
| 1 | Vietnam | 3.6 | +0.3 | Very high pace of imports from Australia and Argentina. |
| 1 | Bangladesh | 5.3 | +0.2 | Higher pace of wheat imports from Russia, Ukraine, Canada, and Australia in recent months. Prospects of even cheaper wheat purchases from Australia with its record-high crop. |
| 1 | Brazil | 7.3 | +0.3 | Higher pace of wheat imports from Argentina, United States, and Paraguay. Wheat output in Brazil is expected to have a large share of low-quality crop, and Brazilian millers need higher-quality wheat for blending purposes. |
| 1. | · | | | |

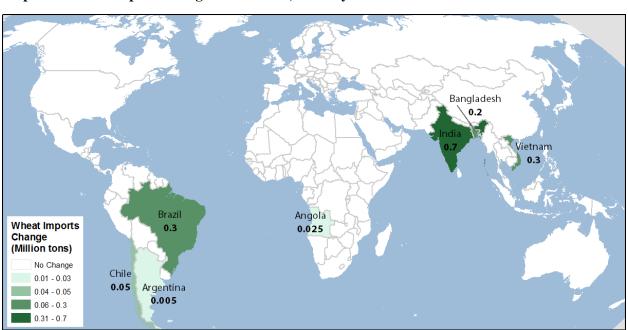
¹Change from previous month. Smaller changes for wheat exports and imports are made for a number of countries; see maps D1 and D2.

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

Canada Europeag -0.5 Jkraine Union 0.2 Moldova 0.15 Morocco -0,15 Wheat Exports (Million tons) -0.50 -0.49 - -0.15 -0.14 - -0.01 Uruguay 0.05 No Change 0.1 entina 0.2 0.3 - 0.8

Map D1 - Wheat exports changes for 2016/17, January 2017

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

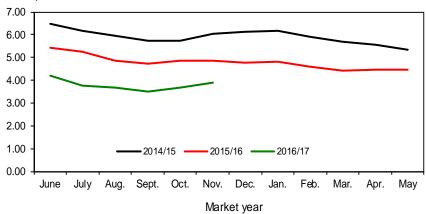


Map D1 – Wheat imports changes for 2016/17, January 2017

Source: USDA, Foreign Agricultural Service, Production, Supply, and Distribution online database.

Figure 1
All wheat average prices received by farmers

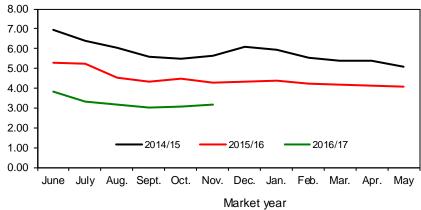
Dollars per bushel



Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Figure 2
Hard red winter wheat average prices received by farmers

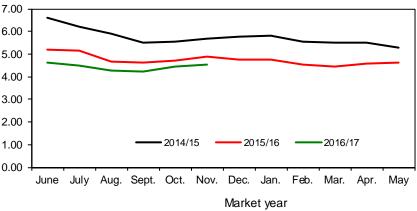
Dollars per bushel



Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

 $\label{eq:Figure 3} \textbf{Hard red spring wheat average prices received by farmers}$

Dollars per bushel



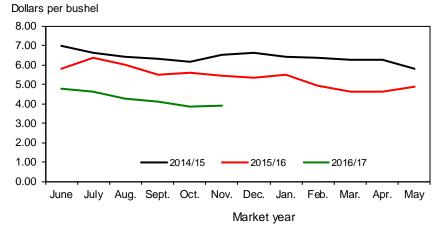
Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Figure 4
Soft red winter wheat average prices received by farmers

Dollars per bushel
6.00
5.00
4.00
3.00
2.00
1.00
June July Aug. Sept. Oct. Nov. Dec. Jan. Feb. Mar. Apr. May
Market year

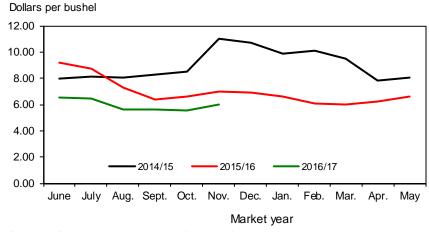
Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Figure 5
Soft white wheat average prices received by farmers



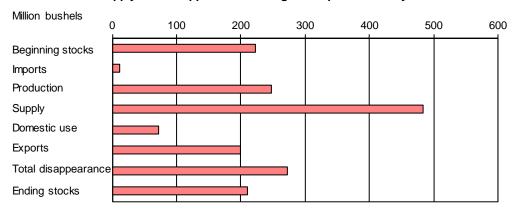
Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Figure 6 **Durum wheat average prices received by farmers**



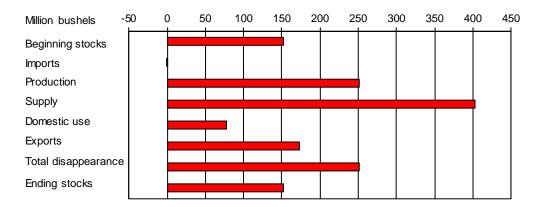
Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Figure 7
All wheat: U.S. supply and disappearance change from prior market year



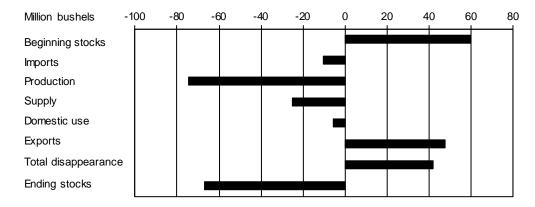
Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates.

Figure 8
Hard red winter wheat: U.S. supply and disappearance change from prior market year



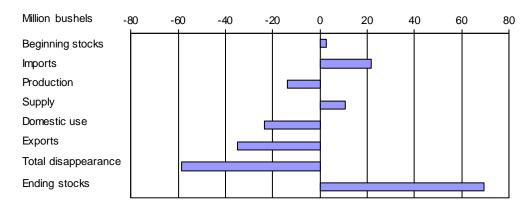
Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates.

 $\begin{tabular}{ll} Figure 9 \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and disappearance change from prior market year \\ \end{tabular} \begin{tabular}{ll} Hard red spring wheat: U.S. supply and U.S.$



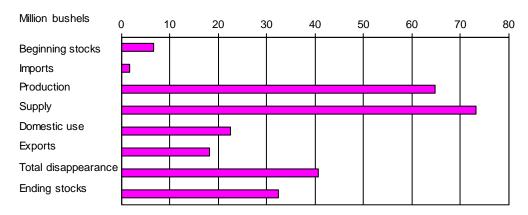
Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates.

Figure 10
Soft red winter wheat: U.S. supply and disappearance change from prior market year



Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates.

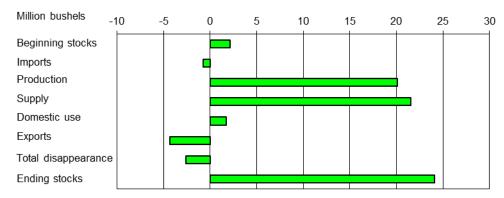
Figure 11
White wheat: U.S. supply and disappearance change from prior market year



Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates.

Figure 12

Durum: U.S. supply and disappearance change from prior market year



Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates.

Table 1--Wheat: U.S. market year supply and disappearance. 1/17/2017

| Item and unit | | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 | 2016/17 |
|------------------------------|--------------------|---------|---------|---------|---------|---------|---------|-----------|
| Area: | | | | | | | | |
| Planted | Million acres | 52.6 | 54.3 | 55.3 | 56.2 | 56.8 | 55.0 | 50.2 |
| Harvested | Million acres | 46.9 | 45.7 | 48.8 | 45.3 | 46.4 | 47.3 | 43.9 |
| Yield | Bushels per acre | 46.1 | 43.6 | 46.2 | 47.1 | 43.7 | 43.6 | 52.6 |
| Supply: | | | | | | | | |
| Beginning stocks | Million bushels | 975.6 | 863.0 | 742.6 | 717.9 | 590.3 | 752.4 | 975.6 |
| Production | Million bushels | 2,163.0 | 1,993.1 | 2,252.3 | 2,135.0 | 2,026.3 | 2,061.9 | 2,309.7 |
| Imports ¹ | Million bushels | 96.9 | 113.1 | 124.3 | 172.5 | 151.3 | 112.9 | 125.0 |
| Total supply | Million bushels | 3,235.6 | 2,969.2 | 3,119.2 | 3,025.3 | 2,767.9 | 2,927.2 | 3,410.3 |
| Disappearance: | | | | | | | | |
| Food use | Million bushels | 925.6 | 941.4 | 950.8 | 955.1 | 958.3 | 957.2 | 963.0 |
| Seed use | Million bushels | 70.7 | 75.6 | 73.1 | 75.6 | 79.4 | 67.2 | 61.0 |
| Feed and residual use | Million bushels | 84.8 | 158.5 | 365.3 | 228.2 | 113.6 | 152.2 | 225.0 |
| Total domestic use | Million bushels | 1,081.1 | 1,175.5 | 1,389.3 | 1,258.8 | 1,151.3 | 1,176.6 | 1,249.0 |
| Exports ¹ | Million bushels | 1,291.4 | 1,051.1 | 1,012.1 | 1,176.2 | 864.1 | 775.1 | 975.0 |
| Total disappearance | Million bushels | 2,372.6 | 2,226.6 | 2,401.4 | 2,435.1 | 2,015.5 | 1,951.6 | 2,224.0 |
| Ending stocks | Million bushels | 863.0 | 742.6 | 717.9 | 590.3 | 752.4 | 975.6 | 1,186.3 |
| Stocks-to-use ratio | | 36.4 | 33.4 | 29.9 | 24.2 | 37.3 | 50.0 | 53.3 |
| Loan rate | Dollars per bushel | 2.94 | 2.94 | 2.94 | 2.94 | 2.94 | 2.94 | 2.94 |
| Contract/direct payment rate | Dollars per bushel | 73.00 | 73.80 | 73.70 | 72.80 | 56.40 | 56.40 | 56.50 |
| Farm price ² | Dollars per bushel | 5.70 | 7.24 | 7.77 | 6.87 | 5.99 | 4.89 | 3.75-3.85 |
| Market value of production | Million dollars | 12,579 | 14,269 | 17,383 | 14,604 | 11,915 | 10,203 | 8,777 |

Latest market year is projected; previous market year is estimated. Totals may not add due to rounding.

Includes flour and selected other products expressed in grain-equivalent bushels.
 U.S. season-average price based on monthly prices weighted by monthly marketings. Prices do not include an allowance for loans outstanding and government purchases.
Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates and supporting materials.

Table 2--Wheat by class: U.S. market year supply and disappearance, 1/17/2017

| | ear, item, and unit | | All wheat | Hard red winter ¹ | Hard red spring ¹ | Soft red winter ¹ | White ¹ | Durum |
|---------|-----------------------------|------------------|-----------|---------------------------------|---------------------------------|---------------------------------|--------------------|--------|
| 2015/16 | | B 4:11: | 55.00 | 00.47 | 40.00 | 7.00 | 4.40 | 4.05 |
| | Planted acreage | Million acres | 55.00 | 29.17 | 12.62 | 7.09 | 4.16 | 1.95 |
| | Harvested acreage | Million acres | 47.32 | 23.22 | 12.33 | 5.89 | 3.96 | 1.91 |
| | Yield | Bushels per acre | 43.58 | 35.77 | 46.03 | 60.92 | 55.70 | 43.96 |
| | Supply: Beginning stocks | Million bushels | 752.39 | 293.74 | 212.00 | 154.00 | 67.00 | 25.66 |
| | Production | Million bushels | 2,061.94 | 830.45 | 567.64 | 359.05 | 220.79 | 84.01 |
| | Imports ² | Million bushels | 112.91 | 6.20 | 48.55 | 18.24 | 6.18 | 33.73 |
| | Total supply | Million bushels | 2,927.25 | 1,130.38 | 828.19 | 531.30 | 293.98 | 143.40 |
| | Disappearance: | | | | | | | |
| | Food use | Million bushels | 957.22 | 391.25 | 251.00 | 153.00 | 83.00 | 78.97 |
| | Seed use | Million bushels | 67.19 | 29.69 | 16.67 | 11.70 | 5.50 | 3.64 |
| | Feed and residual use | Million bushels | 152.16 | 37.45 | 36.09 | 89.97 | -15.01 | 3.66 |
| | Total domestic use | Million bushels | 1,176.57 | 458.39 | 303.75 | 254.67 | 73.49 | 86.27 |
| | Exports ² | Million bushels | 775.08 | 226.46 | 252.47 | 120.00 | 146.81 | 29.33 |
| | Total disappearance | Million bushels | 1,951.64 | 684.85 | 556.22 | 374.67 | 220.30 | 115.60 |
| | Ending stocks | Million bushels | 975.60 | 445.53 | 271.97 | 156.63 | 73.68 | 27.80 |
| 2016/17 | Area: | | | | | | | |
| | Planted acreage | Million acres | 50.15 | 26.59 | 10.95 | 6.02 | 4.19 | 2.41 |
| | Harvested acreage | Million acres | 43.89 | 21.86 | 10.67 | 4.98 | 4.02 | 2.37 |
| | Yield | Bushels per acre | 52.62 | 49.48 | 46.23 | 69.37 | 71.04 | 44.02 |
| | Supply: | | | | | | | |
| | Beginning stocks | Million bushels | 975.60 | 445.53 | 271.97 | 156.63 | 73.68 | 27.80 |
| | Production | Million bushels | 2,309.68 | 1,081.69 | 493.13 | 345.23 | 285.51 | 104.12 |
| | Imports ² | Million bushels | 125.00 | 6.00 | 38.00 | 40.00 | 8.00 | 33.00 |
| | Total supply | Million bushels | 3,410.28 | 1,533.22 | 803.09 | 541.86 | 367.19 | 164.92 |
| | Disappearance: Food use | Million bushels | 963.00 | 375.00 | 267.00 | 155.00 | 86.00 | 80.00 |
| | Seed use | Million bushels | 61.00 | 26.00 | 16.00 | 11.00 | 5.00 | 3.00 |
| | Feed and residual use | Million bushels | 225.00 | 135.00 | 15.00 | 65.00 | 5.00 | 5.00 |
| | Total domestic use | Million bushels | 1,249.00 | 536.00 | 298.00 | 231.00 | 96.00 | 88.00 |
| | Exports ² | Million bushels | 975.00 | 400.00 | 300.00 | 85.00 | 165.00 | 25.00 |
| | Total disappearance | Million bushels | 2,224.00 | 936.00 | 598.00 | 316.00 | 261.00 | 113.00 |
| | Ending stocks | Million bushels | 1,186.28 | 597.22 | 205.09 | 225.86 | 106.19 | 51.92 |

production, are approximations.

Includes flour and selected other products expressed in grain-equivalent bushels.

Source: USDA, National Agricultural Statistics Service, Crop Production and unpublished data; and USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates and supporting materials.

Latest market year is projected; previous market year is estimated. Totals may not add due to rounding.

¹ Area and yield data are unpublished National Agricultural Statistics Service data. Supply and disappearance data, except

Table 3--Wheat: U.S. quarterly supply and disappearance (million bushels), 1/17/2017

| | • | 7 117 | | • | | | Feed and | | Ending |
|------------|----------------|------------|----------|--------------|----------|----------|--------------|----------------------|--------|
| Market yea | ar and quarter | Production | Imports1 | Total supply | Food use | Seed use | residual use | Exports ¹ | stocks |
| 2008/09 | Jun-Aug | 2,512 | 28 | 2,845 | 236 | 1 | 405 | 345 | 1,858 |
| | Sep-Nov | | 28 | 1,886 | 238 | 54 | -124 | 295 | 1,422 |
| | Dec-Feb | | 36 | 1,458 | 219 | 1 | 28 | 170 | 1,040 |
| | Mar-May | | 35 | 1,075 | 233 | 21 | -41 | 206 | 657 |
| | Mkt. year | 2,512 | 127 | 2,945 | 927 | 78 | 268 | 1,015 | 657 |
| 2009/10 | Jun-Aug | 2,209 | 28 | 2,893 | 231 | 1 | 251 | 200 | 2,209 |
| 2000/10 | Sep-Nov | 2,200 | 24 | 2,234 | 237 | 44 | -81 | 252 | 1,782 |
| | Dec-Feb | | 30 | 1,812 | 222 | 1 | 31 | 201 | 1,762 |
| | Mar-May | | 37 | 1,393 | 229 | 21 | -59 | 227 | 976 |
| | Mkt. year | 2,209 | 119 | 2,984 | 919 | 68 | 142 | 879 | 976 |
| | | | | | | | | | |
| 2010/11 | Jun-Aug | 2,163 | 27 | 3,166 | 235 | 1 | 215 | 265 | 2,450 |
| | Sep-Nov | | 24 | 2,473 | 242 | 51 | -63 | 311 | 1,933 |
| | Dec-Feb | | 23 | 1,956 | 221 | 1 | | 308 | 1,425 |
| | Mar-May | | 22 | 1,448 | 228 | 16 | -67 | 407 | 863 |
| | Mkt. year | 2,163 | 97 | 3,236 | 926 | 71 | 85 | 1,291 | 863 |
| 2011/12 | Jun-Aug | 1,993 | 21 | 2,877 | 230 | 5 | 201 | 295 | 2,147 |
| 2011/12 | Sep-Nov | 1,993 | 32 | 2,179 | 244 | 51 | -16 | 238 | 1,663 |
| | • | | | | | | | | |
| | Dec-Feb | | 30 | 1,693 | 231 | 1 | 44 | 217 | 1,199 |
| | Mar-May | 4.000 | 30 | 1,229 | 236 | 19 | -70 | 301 | 743 |
| | Mkt. year | 1,993 | 113 | 2,969 | 941 | 76 | 159 | 1,051 | 743 |
| 2012/13 | Jun-Aug | 2,252 | 26 | 3,020 | 238 | 1 | 403 | 264 | 2,115 |
| | Sep-Nov | | 33 | 2,148 | 247 | 55 | -22 | 198 | 1,671 |
| | Dec-Feb | | 35 | 1,705 | 229 | 1 | 5 | 235 | 1,235 |
| | Mar-May | | 31 | 1,266 | 238 | 15 | -20 | 315 | 718 |
| | Mkt. year | 2,252 | 124 | 3,119 | 951 | 73 | 365 | 1,012 | 718 |
| 2013/14 | Jun-Aug | 2,135 | 36 | 2,889 | 235 | 4 | 422 | 358 | 1,870 |
| 2013/14 | Sep-Nov | 2,133 | 48 | 1,918 | 249 | 53 | -168 | 309 | 1,475 |
| | Dec-Feb | | 43 | 1,517 | 249 | 2 | -108 | 228 | 1,473 |
| | Mar-May | | 42 | 1,104 | 240 | 17 | -1 -25 | 282 | 590 |
| | Mkt. year | 2,135 | 172 | 3,025 | 955 | 76 | 228 | 1,176 | 590 |
| | | | | | | | | | |
| 2014/15 | Jun-Aug | 2,026 | 44 | 2,661 | 239 | 6 | 256 | 253 | 1,907 |
| | Sep-Nov | | 35 | 1,942 | 248 | 49 | -93 | 208 | 1,530 |
| | Dec-Feb | | 37 | 1,566 | 231 | 2 | 8 | 185 | 1,140 |
| | Mar-May | | 36 | 1,176 | 240 | 22 | -58 | 219 | 752 |
| | Mkt. year | 2,026 | 151 | 2,768 | 958 | 79 | 114 | 864 | 752 |
| 2015/16 | Jun-Aug | 2,062 | 27 | 2,841 | 240 | 1 | 298 | 205 | 2,097 |
| | Sep-Nov | _, | 27 | 2,124 | 249 | 45 | -108 | 192 | 1,746 |
| | Dec-Feb | | 34 | 1,780 | 230 | 1 | | 179 | 1,372 |
| | Mar-May | | 25 | 1,397 | 239 | 20 | -37 | 199 | 976 |
| | Mkt. year | 2,062 | 113 | 2,927 | 957 | 67 | 152 | 775 | 976 |
| 2040/47 | lum Arres | 0.040 | 00 | 0.040 | 000 | | 007 | 007 | 0.545 |
| 2016/17 | Jun-Aug | 2,310 | 33 | 3,318 | 238 | 1 | 267 | 267 | 2,545 |
| | Sep-Nov | 0.040 | 29 | 2,574 | 250 | 41 | -30 | 241 | 2,073 |
| | Mkt. year | 2,310 | 125 | 3,410 | 963 | 61 | 225 | 975 | 1,186 |

Date run: 1/17/2017

Latest market year is projected; previous market year is estimated. Totals may not add due to rounding.

¹ Includes flour and selected other products expressed in grain-equivalent bushels.

Source: USDA, World Agricultural Outlook Board, World Agricultural Supply and Demand Estimates and supporting materials.

Table 4--Wheat: Monthly food disappearance estimates (1,000 grain-equivalent bushels), 1/17/2017

| Mkt year a month 1/ | and | Wheat ground for + flour | Food imports ² | + Nonmilled food use ³ - | Food exports ² = | Food use |
|------------------------|-----|-----------------------------|---------------------------|-------------------------------------|-----------------------------|----------|
| 2014/15 | Jun | 74,070 | 2,740 | 2,000 | 1,760 | 77,050 |
| | Jul | 74,244 | 3,035 | 2,000 | 1,866 | 77,413 |
| | Aug | 81,143 | 2,853 | 2,000 | 1,541 | 84,455 |
| | Sep | 78,025 | 2,507 | 2,000 | 1,812 | 80,720 |
| | Oct | 82,617 | 2,941 | 2,000 | 1,825 | 85,733 |
| | Nov | 79,077 | 2,731 | 2,000 | 2,075 | 81,734 |
| | Dec | 74,226 | 2,908 | 2,000 | 1,625 | 77,509 |
| | Jan | 73,996 | 2,815 | 2,000 | 1,661 | 77,150 |
| | Feb | 73,409 | 2,614 | 2,000 | 1,824 | 76,198 |
| | Mar | 77,884 | 3,024 | 2,000 | 2,183 | 80,725 |
| | Apr | 75,805 | 2,889 | 2,000 | 1,681 | 79,012 |
| | May | 77,507 | 2,948 | 2,000 | 1,847 | 80,609 |
| 2015/16 | Jun | 74,155 | 3,374 | 2,000 | 1,760 | 77,769 |
| | Jul | 74,749 | 2,992 | 2,000 | 1,850 | 77,891 |
| | Aug | 81,695 | 2,786 | 2,000 | 1,889 | 84,592 |
| | Sep | 78,556 | 2,771 | 2,000 | 1,928 | 81,399 |
| | Oct | 82,604 | 2,861 | 2,000 | 2,119 | 85,346 |
| | Nov | 79,065 | 2,994 | 2,000 | 2,050 | 82,009 |
| | Dec | 74,215 | 2,873 | 2,000 | 2,118 | 76,969 |
| | Jan | 73,643 | 2,770 | 2,000 | 2,026 | 76,386 |
| | Feb | 73,058 | 2,756 | 2,000 | 1,655 | 76,159 |
| | Mar | 77,511 | 2,851 | 2,000 | 2,146 | 80,216 |
| | Apr | 74,776 | 4,207 | 2,000 | 1,771 | 79,212 |
| | May | 76,456 | 2,836 | 2,000 | 2,023 | 79,268 |
| 2016/17 | Jun | 73,149 | 2,934 | 2,000 | 2,137 | 75,945 |
| | Jul | 74,188 | 2,642 | 2,000 | 1,666 | 77,164 |
| | Aug | 81,082 | 3,196 | 2,000 | 1,856 | 84,422 |
| | Sep | 77,966 | 2,537 | 2,000 | 2,120 | 80,383 |
| | Oct | | 2,969 | | 2,323 | 646 |
| | Nov | | 3,192 | | 2,181 | 1,011 |

¹ Current year is preliminary. Previous year is preliminary through August of current year, estimated afterwards.

Flour Milling Products (MQ311A) and U.S. Department of Commerce, Bureau of Economic Analysis' Foreign Trade Statistics. Subsequent flour milling calculations are based on data from the North American Millers Association.

² Food imports and exports used to calculate total food use. Includes all categories of wheat flour, semolina, bulgur, and couscous and selected categories of pasta.

3 Wheat prepared for food use by processes other than milling.

Estimated food use equals wheat ground for flour plus food imports plus nonmilled food use minus food exports. See http://www.ers.usda.gov/Briefing/Wheat/wheatfooduse.htm for more information.

Source: Data through the 2nd quarter of 2011 was calculated using data from U.S. Department of Commerce, Bureau of the Census'

Table 5--Wheat: National average price received by farmers (dollars per bushel) , 1/17/2017

| Month | All wheat | | Wii | nter | Du | rum | Other | spring |
|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|
| | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 |
| June | 5.42 | 4.20 | 5.20 | 3.97 | 9.16 | 6.50 | 5.20 | 4.61 |
| July | 5.23 | 3.75 | 5.15 | 3.56 | 8.74 | 6.47 | 5.15 | 4.48 |
| August | 4.84 | 3.67 | 4.80 | 3.41 | 7.28 | 5.59 | 4.71 | 4.24 |
| September | 4.72 | 3.49 | 4.64 | 3.25 | 6.36 | 5.62 | 4.68 | 4.22 |
| October | 4.86 | 3.68 | 4.76 | 3.36 | 6.57 | 5.52 | 4.78 | 4.38 |
| November | 4.86 | 3.88 | 4.66 | 3.40 | 6.97 | 6.00 | 4.91 | 4.48 |
| December | 4.75 | | 4.57 | | 6.93 | | 4.80 | |
| January | 4.82 | | 4.63 | | 6.60 | | 4.81 | |
| February | 4.61 | | 4.47 | | 6.08 | | 4.56 | |
| March | 4.40 | | 4.28 | | 6.03 | | 4.47 | |
| April | 4.46 | | 4.31 | | 6.24 | | 4.55 | |
| May | 4.45 | | 4.28 | | 6.57 | | 4.64 | |

Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

Table 6--Wheat: National average prices received by farmers by class (dollars per bushel), 1/17/2017

| Month | Hard red winter | | Soft re | Soft red winter | | Hard red spring | | White | |
|-----------|-----------------|---------|---------|-----------------|---------|-----------------|---------|---------|--|
| | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | |
| June | 5.26 | 3.84 | 4.91 | 4.45 | 5.18 | 4.61 | 5.79 | 4.75 | |
| July | 5.21 | 3.32 | 4.69 | 4.16 | 5.13 | 4.48 | 6.34 | 4.63 | |
| August | 4.55 | 3.15 | 4.54 | 3.92 | 4.67 | 4.25 | 6.00 | 4.24 | |
| September | 4.35 | 3.03 | 4.31 | 3.69 | 4.63 | 4.24 | 5.49 | 4.09 | |
| October | 4.46 | 3.07 | 4.56 | 3.83 | 4.73 | 4.46 | 5.57 | 3.87 | |
| November | 4.30 | 3.15 | 4.37 | 3.85 | 4.88 | 4.54 | 5.44 | 3.92 | |
| December | 4.34 | | 4.52 | | 4.77 | | 5.35 | | |
| January | 4.37 | | 4.48 | | 4.77 | | 5.48 | | |
| February | 4.22 | | 4.54 | | 4.54 | | 4.94 | | |
| March | 4.19 | | 4.21 | | 4.46 | | 4.63 | | |
| April | 4.13 | | 4.38 | | 4.56 | | 4.62 | | |
| May | 4.08 | | 4.52 | | 4.62 | | 4.88 | | |

Source: USDA, National Agricultural Statistics Service, Agricultural Prices.

| Table 7Wheat: Average | cash grain b | hids at principal | markets | 1/17/2017 |
|-----------------------|--------------|-------------------|---------|-----------|
| | | | | |

| Table 7VIIIea | | red winter | No. 1 hard red winter | | No. 1 hard red winter | | No. 1 hard red winter | | |
|---------------|---|-----------------------|---|-----------------------|-----------------------------------|----------------------|--|--------------|--|
| | (ordinary protein) Kansas City, MO (dollars per bushel) | | | orotein) | | (ordinary protein) | | / protein) | |
| | | | Kansas City, MO (dollars per bushel) | | Portland, OR (dollars per bushel) | | Texas Gulf, TX ¹ (dollars per metric ton) | | |
| | (dollars p | ei busilei) | (dollars p | ei busilei) | (dollars p | ei busilei) | (uoliais pei | metric torry | |
| Month | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | |
| June | 6.40 | 5.04 | 6.64 | 5.54 | 6.13 | 5.18 | 209.81 | 176.55 | |
| July | 6.27 | 4.24 | 6.36 | 5.18 | 5.92 | 4.66 | 197.31 | 151.57 | |
| August | 5.70 | 4.15 | 5.86 | 5.32 | 5.44 | 4.62 | 179.68 | 149.18 | |
| September | 5.44 | 4.24 | 5.59 | 5.36 | 5.69 | 4.41 | 172.70 | 150.47 | |
| October | 5.62 | 4.40 | 5.73 | 5.58 | 5.86 | 4.20 | | 152.12 | |
| November | 5.55 | 4.64 | 5.72 | 5.70 | 5.56 | 4.12 | 177.10 | 150.28 | |
| December | 5.60 | 4.56 | 5.79 | 5.76 | 5.46 | | 189.60 | 141.83 | |
| January | 5.46 | | 5.71 | | 5.42 | | 193.64 | | |
| February | 5.28 | | 5.48 | | 5.28 | | 187.03 | | |
| March | 5.34 | | 5.53 | | 5.33 | | 191.43 | | |
| April | 5.22 | | 5.44 | | 5.27 | | 187.39 | | |
| May | 5.08 | | 5.42 | | 5.18 | | 171.78 | | |
| | No. 1 dark northern spring | | No. 1 dark northern spring | | No. 1 dark northern spring | | No. 1 hard amber durum | | |
| | , , | orotein) | ٠. | orotein) | , , | orotein) | Minneapolis, MN | | |
| | | ago, IL er bushel) | | ago, IL er bushel) | | nd, OR er bushel) | (dollars per bushel) | | |
| | (dollars p | ei busilei) | | , | (dollars p | ei busilei) | | | |
| Total | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | |
| June | 6.50 | | 7.56 | | 7.48 | 6.35 | | | |
| July | | | | | 6.71 | 5.82 | | | |
| August | | | | | 6.10 | 5.97 | | | |
| September | | | | | 6.32 | 5.98 | | | |
| October | | | | | 6.53 | 6.34 | | | |
| November | | | | | 6.39 | 6.28 | | | |
| December | | | | | 6.34 | 6.49 | | | |
| January | | | | | 6.15 | | | | |
| February | | | | | 6.09 | | | | |
| March | | | | | 6.11 | | | | |
| April | | | | | 6.27 | | | | |
| May | | | | | 6.27 | | | | |
| | No. 2 soft | red winter | No. 2 soft | red winter | No. 2 soft | red winter | No. 1 s | oft white | |
| | | St. Louis, MO | | Chicago, IL | | Toledo, OH | | Portland, OR | |
| | (dollars per bushel) | | (dollars per bushel) | | (dollars per bushel) | | (dollars per bushel) | | |
| | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | 2015/16 | 2016/17 | |
| June | 5.14 | 4.74 | 5.17 | 4.70 | 5.22 | 4.69 | 2013/10 | 5.46 | |
| July | 5.08 | 4.23 | 5.40 | 4.12 | 5.58 | 4.22 | | 5.07 | |
| August | 4.48 | 3.90 | 5.00 | 3.99 | 5.20 | 4.03 | 5.55 | 4.89 | |
| September | 4.28 | 3.89 | 4.86 | 3.76 | 5.04 | 3.72 | 5.38 | 4.77 | |
| October | 4.45 | 3.89 | 5.02 | 3.82 | 5.25 | 3.90 | 5.49 | 4.65 | |
| November | 4.41 | 4.04 | 4.98 | 3.88 | 5.16 | 3.92 | 5.37 | 4.64 | |
| December | 4.22 | 3.91 | 4.83 | 3.94 | 4.97 | 3.80 | 5.57 | 4.57 | |
| January | 4.22 | J.91 | 4.03 4.75 | 3.94 | 4.93 | 3.60 | 5.31 | 4.57 | |
| February | 4.32 4.70 | | | | 4.93 4.69 | | 5.30 | | |
| March | | | 4.69 4.70 | | | | | | |
| April | 4.74 | | 4.70 | | 4.61 | | 22 | | |
| | 4.79 | | 4.71 | | 4.63 | | 5.33 | | |
| May | 4.64 | | 4.65 | | 4.61 | | 5.34 | | |

-- = Not available or no quote.

1 Free on board.

Source: USDA, Agricultural Marketing Service, State Grain Reports, http://www.ams.usda.gov/AMSv1.0/ams.fetchTemplateData.do?
template=TemplateS&navID=MarketNewsAndTransportationData&leftNav=MarketNewsAndTransportationData&page=LSMarketNewsPageStateGrainReports.

Date run: 1/17/2017 Date run: 1/17/2017

Table 8--Wheat: U.S. exports and imports for last 6 months (1,000 bushels), 1/17/2017

| | | Jun | Jul | Aug | Sep | Oct | Nov |
|-------------|---------------------------------|--------|--------|---------|---------|--------|--------|
| Item | | 2016 | 2016 | 2016 | 2016 | 2016 | 2016 |
| Exports All | All wheat grain | 85,398 | 75,502 | 100,797 | 103,769 | 61,679 | 68,618 |
| | All wheat flour ¹ | 1,710 | 1,338 | 1,401 | 1,669 | 1,870 | 1,770 |
| | All wheat products ² | 460 | 371 | 496 | 480 | 485 | 439 |
| | Total all wheat | 87,567 | 77,210 | 102,694 | 105,917 | 64,034 | 70,827 |
| Imports | All wheat grain | 5,757 | 7,078 | 10,957 | 9,149 | 5,946 | 5,311 |
| | All wheat flour ¹ | 1,266 | 1,058 | 1,339 | 1,180 | 1,272 | 1,327 |
| | All wheat products ² | 1,698 | 1,614 | 1,892 | 1,378 | 1,717 | 1,894 |
| | Total all wheat | 8,721 | 9,750 | 14,187 | 11,707 | 8,934 | 8,532 |

Totals may not add due to rounding.

1 Expressed in grain-equivalent bushels. Includes meal, groats, and durum.

2 Expressed in grain-equivalent bushels. Includes bulgur, couscous, and selected categories of pasta.

Source: U.S. Department of Commerce, U.S. Census Bureau, Foreign Trade Statistics; and ERS calculations using Census trade statistics.

Table 9--Wheat: U.S. exports, Census and export sales comparison (1,000 metric tons)

| | 2014/15 | | 2015/16 | | 2016/17 (as of 01/05/17) | | |
|------------------|-----------|----------|-----------|----------|--------------------------|----------|--------|
| Importing | | | | | | Out- | |
| country | | | | | Shipments | standing | Total |
| Data | | Export | | Export | | Export | |
| source | Census 1/ | sales 2/ | Census 1/ | sales 2/ | | sales 2/ | |
| | | | | | | | |
| Country: | | | | | | | |
| China | 331 | 332 | 609 | 764 | 616 | | 963 |
| Japan | 3,054 | 3,121 | 2,499 | 2,434 | 1,553 | 431 | 1,984 |
| Mexico | 2,842 | 2,721 | 2,503 | 2,318 | 1,539 | 636 | 2,175 |
| Nigeria | 1,790 | 1,904 | 1,457 | 1,401 | 724 | 359 | 1,083 |
| Philippines | 2,376 | 2,338 | 2,077 | 2,118 | 1,651 | 394 | 2,045 |
| Korean Rep. | 1,181 | 1,148 | 1,093 | 1,074 | 629 | 471 | 1,100 |
| Egypt | 156 | 387 | 99 | 42 | 49 | 0 | 49 |
| Taiwan | 983 | 1,002 | 1,129 | 1,034 | 672 | 160 | 832 |
| Indonesia | 691 | 643 | 666 | 608 | 591 | 112 | 703 |
| Venezuela | 457 | 438 | 252 | 239 | 248 | 0 | 248 |
| European Union | 658 | 724 | 831 | 934 | 526 | 0 | 526 |
| Total grain | 22,610 | 22,622 | 20,467 | 19,440 | 14,962 | 6,378 | 21,341 |
| Total (including | | | | | | | |
| products) | 23,249 | 22,693 | 21,117 | 19,544 | 15,053 | 6,463 | 21,515 |
| USDA forecast | | | | | | | |
| of Census | | | | 21,094 | | | 26,535 |

¹ Source: U.S. Department of Commerce, U.S. Census Bureau ² Source: USDA, Foreign Agricultural Service, *U.S. Export Sales*.