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# FAPRI 2006
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# Abbreviations and Acronyms

This list of abbreviations and acronyms used in the *Agricultural Outlook* is provided for the convenience of our readers. Commonly used abbreviations and acronyms typically are not spelled out in the text.

| | |
|---|---|
| a | acre |
| AI | avian influenza |
| AWP | adjusted world price |
| BSE | bovine spongiform encephalopathy |
| bu | bushel |
| CAP | Common Agricultural Policy |
| CBO | Congressional Budget Office |
| CCC | Commodity Credit Corporation |
| CCPs | countercyclical payments |
| CIF | cost, insurance, and freight |
| CIS | Commonwealth of Independent States |
| CMO | Common Market Organization |
| CPI | Consumer Price Index |
| CRP | Conservation Reserve Program |
| cwt | hundredweight |
| DPs | direct payments |
| EU | European Union (enlarged) |
| EU-15 | 15 member states of the European Union |
| EU NMS | European Union New Member States |
| FAPRI | Food and Agricultural Policy Research Institute |
| FMD | foot-and-mouth disease |
| FOB | free on board |
| FSRIA | Farm Security and Rural Investment Act (2002 farm bill) |
| FY | fiscal year |
| GDP | gross domestic product |
| ha | hectare |
| HFCS | high-fructose corn syrup |
| kg | kilogram |
| LDPs | loan deficiency payments |
| mha | million hectares |
| MILC | Milk Income Loss Contract |
| mmt | million metric tons |
| mt | metric ton |
| NAFTA | North American Free Trade Agreement |
| NFD | nonfat dry (milk) |
| OECD | Organization for Economic Cooperation and Development |
| OTMS | Over Thirty Month Scheme |
| SFP | Single Farm Payment (CAP reform) |
| SPS | sanitary and phytosanitary |
| tmt | thousand metric tons |
| TRQ | tariff rate quota |
| USDA | U.S. Department of Agriculture |
| WMP | whole milk powder |
| WTO | World Trade Organization |

# Marketing Year Definitions

## U.S. Marketing Year Definitions for Specified Commodities

Barley: June 1 to May 31.
Corn for Grain: September 1 to August 31.
Cotton: August 1 to July 31.
Oats: June 1 to May 31.
Peanuts: August 1 to July 31.
Rice: August 1 to July 31.
Sorghum for Grain: September 1 to August 31.
Soybeans: September 1 to August 31.
Sugar: October 1 to September 30.
Sunflower: September 1 to August 31.
Wheat: June 1 to May 31.

Livestock and Dairy complex: years are calendar years.

Government outlays are on a fiscal-year basis (Oct. 1—Sept. 30, with the *second* year being the one used as an identifier—for example, FY 2006 = Oct. 1, 2005—Sept. 30, 2006).

Farm income data are on a calendar-year basis.

## International Marketing Year Definitions for Specified Commodities

Grains, rice, oilseeds, and cotton: USDA-FAS PS&D data are used, which are in local marketing years. Local marketing years differ by country and by commodity. The first year listed is the beginning year of a country's local marketing year for that commodity (for example, 1990/91 represents local marketing year starting in 1990 and ending in 1991), except in the case of southern hemisphere countries, which use the second year to denote the beginning of the local marketing year.

Sugar: the year listed is the last year of the countries' local marketing year (for example, 1990 represents 1989/90).

Livestock and Dairy complex: years are calendar years.

# Executive Summary

The *FAPRI 2006 U.S. and World Agricultural Outlook* presents projections of world agricultural production, consumption, and trade under average weather patterns, existing farm policy, and policy commitments under current trade agreements and custom unions. Despite continued high energy prices, world economic growth is expected to remain strong in the coming decade, above 3% per annum. Other major drivers of the 2006 baseline include new bio-energy policies in several large countries, EU sugar policy reform, sanitary and phytosanitary (SPS) shocks in livestock and poultry markets, and movements in the exchange rate.

The depreciation of the U.S. dollar against currencies in industrialized countries continues and then tapers in the second half of the outlook. This gain in U.S. competitiveness is offset somewhat when Australia, Canada, and the EU—strong competitors in crop markets—recover from weather shocks. The U.S. dollar appreciates in nominal terms against most Latin American currencies, decreasing U.S. competitiveness in the short term relative to these countries. The effects are especially acute in meat markets, since the Latin America region has benefited from the bovine spongiform encephalopathy (BSE) crisis in North America.

New policy developments and high fossil energy costs are expected to boost ethanol and biodiesel markets in Brazil, the U.S., the EU, and Asia. Industry thus expands its use of oilseeds, grains, and sugarcane, sustaining those commodities' prices. Ethanol trade is projected to double in the next decade, increasing from 0.65 to 1.20 billion gallons. The world ethanol price increases by 1.8%, reaching $1.32 per gallon in 2015.

SPS issues continue to affect production, consumption, and trade of meat products in the short run. Major meat export destinations were lost after a U.S. case of BSE was confirmed in 2004. The U.S. share of total meat trade fell by 7 percentage points. Recent developments in meat trade include opening of the Canadian border, new BSE cases in Canada and Japan, new disruptions in the Japanese market for U.S. beef, cases of foot-and-mouth disease in South America, and the threat of worldwide spread of avian influenza. With continuing strong growth in pork and poultry exports, coupled with the reopening of the Japanese beef market, the United States is expected to regain 4 percentage points in its share of meat trade by 2010.

World pork production benefits from SPS trade shocks in beef and broiler markets. World pork production reaches 113.1 million metric tons, and trade reaches 6.51 million metric tons by 2015/16. The EU loses market share, while all other major competing exporters, including Canada, the U.S., and Brazil, gain market share.

Grain prices remain high, given strong import demand on world markets. Wheat prices remain above $150 per metric ton. World rice reaches $334 per metric ton in 2015. Corn, sorghum, and barley prices steadily increase, from the $90-$94 range to the $117-$134 range per metric ton. The U.S. and Argentina benefit from these strong world market conditions. The U.S. corn market share increases 10 percentage points by 2015/16.

Concentration in soybean production is deepening, with Argentina, Brazil, and the U.S. increasing their combined production share from 82% to 84% of world production. World soybean production reaches 277 million metric tons by 2015/16, a 24% increase from 2005/06. Brazil overtakes the United States as the largest soybean producer and exporter in the world, in 2012/13 holding a 34% share of world production and a 51% share of world trade by 2015/16. China, the world's largest importer of soybeans, expands its imports from 41% to 52% of total world imports by 2015/16.

In the dairy sector, growth in the use of milk powder in Asia allows the U.S. to expand its net exports by 88%. Australia, New Zealand, and the EU-15 account for 68% of total cheese exports, and this proportion remains stable throughout the outlook. Argentina and Ukraine become increasingly important players in international cheese markets, accounting for 15.5% of total exports by 2015. Strong demand drives the world cheese trade to increase by 30%. Stable growth occurs in per capita cheese consumption worldwide. Cheese consumption increases most in countries with substantial domestic production, such as the EU, Australia, New Zealand, and Argentina.

# Overview of the 2006 U.S. and World Outlook

**The Macroeconomic Environment**

FAPRI baseline projections depend on two major external factors: macroeconomic assumptions and agricultural and trade policy assumptions. Macroeconomic projections used in the 2006 FAPRI baseline were obtained from Global Insight. The macro projections call for continued solid global economic growth above 3% per annum despite energy prices remaining at high levels for the outlook period.

As in 2004, NAFTA economies grew at a solid pace in 2005, with growth of 2.9% for Canada, 3.1% for Mexico, and 3.7% for the United States, and are projected to continue to grow in the coming decade, with average annual growth rates of 2.6%, 4%, and 3%, respectively. Price inflation is expected to remain moderate during the outlook period.

The outlook for the Asian economies is strong, with a projected average annual real growth rate of 3.7%, and with high growth rates (5% to 7.4%) predicted for China, Vietnam, Thailand, and India for the decade. Japan's outlook remains positive; its economy grew by 2.4% in 2005 and is projected to grow by 1.7% annually for the outlook period. Inflation remains low in most of Asia.

Argentina's GDP grew by 8.7% in 2005 and is expected to grow at around 4% annually until 2014. Brazil's economy grew moderately (2.7%) in 2005; it picks up during the coming decade at about 3.7% per year. The Latin America region grows at a 3.9% average annual rate during the outlook period. Price inflation is expected to be moderate in most of Latin America, except in Venezuela.

The economic growth convergence between old Europe and the NMS continued in 2005, with the former growing 1.5% and the latter 4.1%. This convergence will continue during the next decade, with the NMS growing more than twice as fast as the EU-15 (4.2% versus 1.9% per year). Most members of the EU-25 experience a moderate currency appreciation against the U.S. dollar in the coming decade, reducing their competitiveness.

Most major currencies appreciated against the dollar in 2005 and do so again in 2006. After that, Latin American currencies, including the Brazilian real, depreciate in nominal and real terms. The Argentine peso is the notable exception; it depreciates nominally but appreciates in real terms over the whole decade because price inflation is significantly higher than in the United States. Outside Latin America the outlook calls for a continued weak U.S. dollar until 2015. A weaker dollar benefits U.S. agricultural exports by reducing the price of U.S. products in terms of foreign currency.

**Agricultural and Trade Policy Assumptions**

Regarding U.S. farm policy, the baseline incorporates provisions of the Deficit Reduction Act of 2005. The share of direct payments available before planting is reduced from 50% to 22%; total payments are unaffected. The Deficit Reduction Act extends the MILC program for two years, eliminates the Cotton Step 2 program, and limits conservation spending. Provisions of the Farm Security and Rural Investment Act (the 2002 farm bill) and the Deficit Reduction Act are assumed to continue throughout the baseline. Loan rates, target prices, and direct payment rates are all held constant between 2005/06 and 2015/16.

In 2005, the international policy environment included the continuing implementation of the 2003 European reforms with enlargement to 10 EU NMS and CAP reform to further decouple farm support from production decisions. Decoupling will be completed in 2007 and take the form of a SPF. The major policy change in the EU was the reform of the Common Market Organization for sugar adopted in February 2006. The reforms cover the period 2006/07 to 2014/15. The institutional price for white sugar will be cut by 36% over four years beginning in 2006/07. The minimum beet price will be reduced by 39.5% over the same period. Direct payments will be made to beet farmers as part of the SFP to compensate for 64.2% of income loss due to the price cut. No mandatory production quota cuts were applied, but reductions in production quotas will occur through a voluntary restructuring buy-up scheme lasting four years with payments to encourage factory closure and the renunciation of quota. The "A" and "B" production quotas will be merged into a single quota and kept at the current 17.4 mmt of white sugar. For countries that produced "C" sugar (above quota sugar) during 2004/05, an additional

amount of 1.1 mt will be made available against a one-time payment of €730/ton. The intervention system will be abolished after a four-year phase-out period and replaced by a reference price.

SPS shocks and trade restrictions in meat markets associated with BSE in North America, FMD in Latin America, and AI in Asia continued in 2005. The FAPRI baseline incorporates all shocks and resulting trade bans that occurred up to January 22, 2006. The more recent SPS shocks and policy changes regarding AI in Western Europe and FMD in Argentina are not incorporated in the 2006 FAPRI baseline. Similarly, no AI contamination was assumed for the United States despite expectations of potential AI invasion. These SPS shocks will remain a factor in the short-run outlook as the market recovers from them.

Energy policies are becoming prominent. Examples include the 2005 U.S. Energy Policy Act, the 2003 Renewable Fuels Directive of the EU, and new mandates in Brazil to increase fuel blends of biodiesel by 2008 and 2013 as well as new financing and tax incentives for biodiesel production. These policies have contributed to the emergence of biofuel markets. To reflect this emergence, the 2006 FAPRI outlook introduces an international ethanol baseline and some basic coverage of biodiesel in several countries (see Box 1 on biofuel policy and market developments on pages 6-7).

The 2006 outlook includes policy tables covering border tariffs and TRQs, export subsidies, and domestic policy interventions used in the FAPRI model. An extended policy database is available on our Web site and is updated once a year in the spring (www.fapri.iastate.edu/tools/).

## The Outlook for U.S. Agriculture

### Crops

Increasing production costs and large supplies are major factors in U.S. crop markets in 2006. Higher prices for fuel, fertilizer, and other inputs increase farm production costs and discourage production of input-intensive crops. Back-to-back large crops of corn, soybeans, and cotton in 2004 and 2005 have put downward pressure on prices.

While supply-side factors explain much of the current market situation, the longer-term outlook is strongly affected by demand-side factors. Growth in ethanol production is expected to result in increases in corn prices and production, with numerous spillover effects on other commodities. Export demand growth is also an important factor for many crops, although competition from producers in South America and elsewhere is likely to temper the expansion of U.S. exports.

Ethanol production more than doubled between 2001 and 2005, and baseline production doubles again by 2013. Higher petroleum prices and the Energy Policy Act of 2005 both encourage more rapid expansion of the industry than projected a year ago. By 2007/08, the use of corn to produce ethanol exceeds U.S. corn exports. Recent USDA estimates suggest that ethanol production could increase even more rapidly than indicated in the FAPRI baseline. After 2006, producers shift acreage from soybeans, wheat, and other crops to corn. Increased availability of corn by-products limits growth in the use of both grain and oilseed meals in feed rations, and higher corn prices translate into lower government farm program payments (see Box 1).

Unless yields are lower than projected in South or North America, large supplies are likely to weigh heavily on soybean markets through 2006/07. If soybean acreage increases as projected in 2006, even strong growth in the use of U.S. soybeans may be insufficient to avoid a downturn in prices. Longer term, competition with corn for land and with South America for exports is likely to limit the scope for expansion of the U.S. soybean industry.

U.S. wheat prices have been stable in recent years, and no major price movements are projected in the near term under baseline assumptions of average yields and demand conditions. In later years, stagnant wheat production and a slight increase in wheat export demand contribute to a modest increase in projected wheat prices.

Strong export demand from China has allowed a slight increase in cotton prices in 2005/06, in spite of very large U.S. supplies. Growth in Chinese and world demand will be a key factor in the long-run outlook for the U.S. cotton sector. A shrinking domestic milling industry means that exports account for 79% of use of U.S. cotton by 2015/16.

### Livestock, Poultry, and Dairy

Prices for cattle, hogs, chickens, and milk were all

unusually strong in 2004 and 2005. Supply is increasing in response to those high prices, and the result is expected to be lower prices for all four products in 2006. Longer-term prospects depend on production cycles and consumer demand shifts. Disease outbreaks can disrupt markets, as shown repeatedly in recent years.

U.S. cattle inventories have entered an expansion phase that is projected to last until 2012, and the result is likely to be lower cattle prices. Strength in domestic consumer demand for beef was a significant factor in the high cattle and beef prices between 2003 and 2005, and the future price outlook is sensitive to demand shifts. The baseline assumes a steady recovery in U.S. beef exports, but there is much uncertainty about how fast consumers in Japan, South Korea, and elsewhere will resume purchases of U.S. beef because of concerns about BSE.

After two years of high hog prices, pork production is projected to increase enough in 2006 and 2007 to result in significantly lower prices for barrows and gilts. Prices move cyclically in later years. Pork exports increased dramatically in 2004 and 2005, but future growth is projected to slow because of strong continued competition from Canadian pork and resumed competition from U.S. beef.

Chicken production registered a second straight year of rapid expansion in 2005, but demand growth helped sustain above-average wholesale prices. With increasing domestic supplies of all meats and poultry in 2006, chicken prices decline to more normal levels. Avian influenza continues to be a potential issue that could affect global supply and demand for poultry, with implications for all meats and feeds.

High milk prices in 2004 and 2005 have resulted in large increases in milk production in 2005 and 2006. Milk prices have declined in response, which in turn is expected to moderate the pace of future increases in supply. While baseline prices remain in a relatively narrow range, the volatility that has characterized dairy markets in recent years is likely to continue. Export sales of nonfat dry milk have provided support to the market in recent years, and the baseline reflects further export increases.

**Farm Income and Other Aggregate Indicators**

Net farm income in 2005 declined from the 2004 record, largely because of increased production costs. An even larger decline in net farm income is projected for 2006, as crop and livestock receipts and government payments all decline and production costs increase another $7 billion. After a slight further decline in 2007, net farm income generally increases in nominal terms but declines slightly in real terms after correcting for inflation.

Government farm program outlays by the CCC increased dramatically in FY 2005, as lower prices for corn and other commodities translated into increased expenditures under the marketing loan and CCP programs. Net CCC outlays are estimated to increase slightly in FY 2006, as corn program expenses alone exceed $9 billion. As prices for most commodities increase in later years, net government outlays decline.

Food price inflation exceeded 3% in 2004 but declined to a more normal 2.4% in 2005. Given the projected moderation in meat and milk prices, the food CPI increases less than 2% in 2006 and again in 2007. Over the baseline period as a whole, food price inflation is slightly slower than the overall inflation rate.

**Alternative Baseline Projections**

The figures reported in this publication are based on a single set of assumptions about the weather, the economy, and other factors that affect commodity supply and demand. FAPRI also has developed a stochastic baseline of U.S. agricultural markets that estimates market outcomes under a wider range of assumptions. In essence, FAPRI develops 500 related baselines that share some assumptions, such as a continuation of current government policies, but that differ in their assumptions about crop yields, production costs, export demand conditions, and other factors.

Results of the stochastic baseline analysis are summarized in the FAPRI 2006 U.S. Briefing Book available at www.fapri.missouri.edu. That publication provides average results from the 500 related baselines. For most variables, those average results from the stochastic analysis are very similar to the estimates reported in this publication. Major exceptions are government farm program outlays and net farm income. Because of the nature of U.S. farm programs, average government spending and average farm income under a range of possible market outcomes are systematically greater than under the assumptions of the baseline reported here.

# Box 1: The Emergence of Biofuel Markets

**The U.S. Ethanol Market**

Following significant technical progress and major investments in new plants, U.S. ethanol production doubled between 2000 and 2004, with major consequences for both energy and agricultural markets. The Energy Policy Act of 2005 encourages further expansion of ethanol production by mandating the use of 7.5 billion gallons of renewable fuels by 2012. Higher fossil fuel prices also contribute to the expansion of the U.S. ethanol market. Ethanol prices at the plant typically exceed those of unleaded gasoline. The 51¢-per-gallon tax benefit for ethanol makes it price-competitive at the pump. Given Global Insight forecasts of petroleum product prices, both gasoline and ethanol prices are projected to decline slightly between 2006 and 2012. Gross margins for ethanol producers are at historic highs but are expected to decline as corn prices increase and ethanol prices fall. Increased production of ethanol translates into increased production of corn co-products for use as livestock feed. Most of the projected growth in ethanol production occurs in dry mill plants, where distillers' grains are the co-product. Estimated domestic feed use of corn co-products now exceeds that of wheat, sorghum, barley, and oats combined.

In summer 2005, FAPRI analyzed the impact of the implementation of the Energy Policy Act. Relative to the January 2005 FAPRI baseline outlook, the Act increased the estimated amount of corn used to produce ethanol over the 2010/11-2014/15 period by an annual average of 632 million bushels. Corn production increased while corn exports, feed consumption, and stocks declined. Corn prices increased by roughly 5% above baseline levels, with smaller price increases for other grains. In contrast, increased ethanol production resulted in more production and lower prices of corn by-products. These by-products displace both corn and soybean meal in livestock rations, contributing to a 10% reduction in soybean meal prices. Livestock and poultry sector effects were small in aggregate and depended on the composition of feed rations. The taxpayer cost of farm programs was reduced by $1.0 billion per year between 2011 and 2015. Increases in ethanol consumption could reduce tax revenue, given differences in the tax treatment of ethanol and regular gasoline. Net farm income exceeded baseline levels by nearly $300 million per year on average over the 2011-2015 period. Higher corn receipts were partially offset by lower government payments. (See the full report at http://www.fapri.missouri.edu/outreach/publications/2005/FAPRI_UMC_Report_10_05.pdf.)

In this year's outlook, ethanol production grows even more rapidly than estimated in the Energy Policy Act report. Projected U.S. production of ethanol alone exceeds the levels of renewable fuel use mandated by the Act, and expanded use of biodiesel and imported ethanol makes it even more likely that the targets will be exceeded. The pace of plant construction has been more rapid than anticipated earlier. The 2006 outlook assumes significantly higher prices for petroleum and gasoline than did the 2005 outlook, and these higher prices contribute to higher ethanol prices and increased profitability for ethanol producers.

**World Biofuel Markets**

Ethanol, the dominant biofuel in world markets, is gaining importance as an alternative fuel source as part of the renewable fuels initiative adopted by a number of countries. In addition to energy supply and environmental concerns, ethanol is gaining favor as an alternative use for feedstock. Currently, this ethanol push is policy driven, particularly through the U.S. Energy Policy Act, the Renewable Fuels Directive of the EU, and fuel mandates in Brazil. Brazil has led the way in using ethanol as an alternative fuel, drawing on its ability to produce ethanol inexpensively from sugarcane. The U.S. is the second-largest producer of ethanol after Brazil, followed by China and India.

The world ethanol price (the Brazilian price for anhydrous ethanol) increased by 26.2% in 2005, to $1.29 per gallon, reflecting increased demand for ethanol and high gasoline prices. The ethanol price is expected to decline in the coming years following the projected decline in gasoline prices. It begins to increase in 2010 as the demand for ethanol grows faster than production. By 2015, the world ethanol price increases by 1.8%, to $1.32 per gallon.

**Brazil**

Brazil has been using ethanol derived from sugarcane as fuel since 1903. In 1931, the Brazilian government mandated a 5% ethanol blend in gasoline. Prompted by the 1973 oil crisis, Brazil launched PROALCOOL, the National Alcohol Program, to encourage the use of fuel ethanol. Under this program, fuel ethanol production increased dramatically. In 1979, Brazil introduced

the large-scale production of alcohol-driven cars and light vehicles. Although the program lost ground during the late 1980s with the discovery of large oil deposits and the fall in international oil prices, the program regained its former vitality in recent years. Currently, Brazil mandates a 20%-25% ethanol blend in gasoline.

Production and consumption increased, respectively, to 4.8 and 4.2 billion gallons in 2005 and are projected to increase by 37.5% and 27.5% by 2015, as the dramatic rise in the use of flex-fuel cars boosts ethanol consumption in Brazil. Flex-fuel vehicles run on any mixture of hydrous alcohol, anhydrous alcohol, and gasoline. Sales of flex-fuel cars increased by 583% between 2003 and 2004, and the market share of flex-fuel vehicles rose from 20% in 2004 to 54% in 2005. Ethanol exports increase to 1.2 billion gallons by 2015, making Brazil the largest exporter of ethanol in the emerging world market.

Brazil has also started to focus on biodiesel development to reduce further its dependence on imported oils, which account for more than 80% of domestic petroleum consumption. In 2002, a new biodiesel fuel research program was initiated by the Brazilian government. In January 2005, the government mandated a 2% blend of biodiesel (B2) by 2008 and a B5 blend for all diesel sold in the nation by 2013 (Law 11.097/2005). In addition, financing and tax incentives for biodiesel production were offered in May 2005 (Law 11.116/2005). Brazil has diverse biodiesel production sources (soybean oil, sunflower oil, palm oil, and castor oil). Soybean oil, however, is believed to be the most competitive and efficient source for Brazilian biodiesel production. The future relative contribution of each type of oil to biodiesel production is uncertain. FAPRI projects a modest amount of soybean oil for biodiesel in 2008/09[1] (0.3 mmt) and increases the projection to 1 mmt at the end of the baseline period.

**EU-15**

Europe has a potential market for ethanol and biodiesel because of its targets for renewable fuels. According to the Renewable Fuels Directive of 2003, member states were to try to achieve a 2% share of renewables by the end of 2005 and a 5.75% share by the end of 2010. The directive will result in increased production of biodiesel and ethanol, but targets are unlikely to be achieved. The CAP reform of 2003 introduced a carbon credit of 45 euros per hectare to growers of energy crops, including biodiesel and bioethanol. Sugar beet became eligible for the carbon credit under the 2005 Common Market Organization sugar reforms.

The 2003 Renewable Fuels Directive increased ethanol production in the EU-15 to about 543 million gallons in 2005. EU-15 ethanol production is projected to continue its upward trend, reaching 831 million gallons in 2015, a 53% increase. EU-15 ethanol consumption increased by 40.7% in 2005, to 535 million gallons. Since consumption grows faster than production, the EU-15 becomes a net importer of ethanol, from net exports of 9 million gallons in 2005 to net imports of 121 million gallons by 2015.

The significant development of the EU biodiesel industry in the last 10 years makes the EU the global leader in biodiesel production. In the EU, the primary source of biodiesel is rapeseed oil. FAPRI takes into account the impact of the directive on rapeseed oil demand and projects that EU industrial use of rapeseed oil increases by 48% over the next decade, to 4.9 mmt in 2015/16. The EU became a net importer of rapeseed oil in 2005/06.

**Japan**

Japanese net imports of ethanol are expected to reach nearly 155 million gallons in 2006 and 258 million gallons in 2015. The main drivers of the growing support for the use of fuel ethanol in Japan are continuing growth in CO2 emissions, support of the Kyoto Protocol, and agricultural and energy policies. Japan permitted the use of 3% ethanol in gasoline in August 2003. With more widespread use of ethanol, Japan is likely to emerge as a major importer of fuel ethanol in the future.

**China**

China started to promote the use of ethanol-blended gasoline in 2000 and carried out experiments in some cities in 2002. Currently, nine provinces blend gasoline with 10% ethanol. China is now the world's third-largest ethanol producer, with the capacity to produce around 317 million gallons a year. At present, just over half that capacity is being utilized. China becomes a net importer of ethanol in 2009, and its net imports are expected to reach 72 million gallons in 2015.

[1] Because of the structure of data sources, ethanol is reported in calendar years while biodiesel is reported in marketing years.

## The Outlook for World Agriculture

### Wheat

The world wheat price is projected to decrease to $157.5 per mt in 2006/07 as world production expands. The Gulf FOB wheat price grows to $178.2 per mt by 2015/16 as growth in world demand puts pressure on world markets. In 2005/06, world wheat area is lower because of declines in Australian, Argentine, and EU wheat areas. Wheat area is projected to increase in 2006/07, with the main sources of increase coming from recoveries in Australia and Argentina. In the later years, production increases come from yield growth.

Per capita consumption of wheat continues to decline but population growth offsets this trend and food use reaches 557.2 mmt in 2015/16 while feed use reaches 113.8 mmt in 2015/16. Consumption grows 0.8% annually on average, with the main source of the demand increase coming from Asian, Middle Eastern, and African countries. In 2006/07, world wheat net trade increases to 93 mmt because of the lower price, which increases food demand. Trade grows 1.8% annually on average, reaching 105.7 mmt in 2015/16. U.S. market share decreases as competing suppliers increase their market shares.

Wheat area in Australia is projected to recover in 2006/07, increasing production to 25.3 mmt and net exports to 18 mmt. As production grows more than consumption, net exports increase to 19.8 mmt in 2015/16. Canadian wheat area declines over the next 10 years, so yield growth is the driver of the production increase. Domestic consumption reaches 11.2 mmt in 2015/16, primarily driven by the growth in feed use. Net exports increase to 16.6 mmt in 2006/07, as higher beginning stocks increase the supply, but they eventually decrease to 15.7 mmt by 2015/16, as production cannot keep up with consumption. In 2005/06, EU-15 production decreases with the return to an average yield level and the decline in area. In 2006/07, production increases to 101 mmt because of yield growth. In the remaining years, the main source of the production increase is yield growth, as wheat area increases only slightly over the next 10 years. Net exports reach only 8.3 mmt in 2015/16, hindered by the strong euro.

In Argentina, both area and yield are projected to recover, increasing production to 15.2 mmt in 2006/07 and net exports to nearly 10 mmt. Consumption grows 0.9% on average annually, reaching 5.7 mmt in 2015/16. Aided by the nominal devaluation of the peso, production growth, and a meager consumption increase, Argentine net exports reach 12.9 mmt in 2015/16.

In 2005/06, China's wheat net imports decrease dramatically, to 1 mmt, because of the increase in production and release of stocks. The persistent decline in available stocks has decreased the supply of wheat. Consequently, regardless of the increase in production and decreasing per capita consumption, China is projected to remain a wheat net importer over the next 10 years. Net imports reach 2.1 mmt in 2015/16.

### Coarse Grains

The world coarse grain area is lower in 2005/06 because of declines in barley and sorghum area. It is expected to decrease slightly in 2006/07 with reductions in corn and sorghum areas. After that, it increases steadily, reaching 245.7 mha in 2015/16, driven by increases in corn area, especially in the U.S. and Latin American countries, where it has a higher rate of return relative to other crops.

In 2005/06, corn production decreases as yields in the world return to their average levels. However, the high stock levels, reminiscent of the high production in 2004/05, increase the world corn supply, decreasing the price to $90.16 per mt. In 2006/07, world corn consumption increases more than production and the Gulf FOB corn price increases to $98.41 per mt. Consumption increases by more than 98 mmt over the next 10 years, driven by an increase in feed use from the livestock sector, especially in Asian and Latin American countries. Growth in both per capita consumption and population contributes to the increase in food demand.

The increase in demand translates into higher world net trade of corn, which is projected to increase to 88.8 mmt in 2015/16. The U.S. captures an increasing portion of this demand. Its market share increases from 62.2% in 2005/06 to 71.7% in 2015/16. In the next decade, the main U.S. competitors in the corn market, including Argentina and South Africa, increase their production, but their share in world production increases very slightly. Both Argentina and South Africa increase their production by 3 mmt over the next 10 years. Argentine net exports reach 13 mmt in 2015/16, capturing 14.7% of the market. South African net

exports increase in 2006/07 to 1.2 mmt and decrease in the outer years because of higher domestic feed use.

The expansion of EU NMS production is limited because the set-aside policy starts in 2009/10. The EU NMS increases its production and net exports significantly in 2005/06, capturing a larger share of the market. However, in 2006/07, with lower production and net exports, its market share decreases and continues to decrease slightly over the next 10 years.

Once a large net exporter of corn, China is projected to become a net importer in 2011/12. Growth in the livestock sector increases feed use by 17.4 mmt over the next decade. Production growth meets only part of this growing demand, as the increase in corn area is limited. Stocks have decreased considerably in the last few years, decreasing the stocks-to-use ratio. By 2015/16, the stocks-to-use ratio drops to 17%.

The world sorghum price increases in 2006/07 to $105 per mt; thus, world net trade decreases slightly in 2006/07. With the increase in the world sorghum price over the next 10 years, world net trade does not reach its former levels. Japanese net imports are stable at 1.3 mmt in 2015/16. Mexican net imports of sorghum reach 3.5 mmt by 2015/16. The U.S. gains market share by 2015/16 at the expense of Argentina and Australia.

World barley production increases in 2006/07, but lower stock levels decrease the world barley supply, increasing the barley price to $106.4 per mt. Net trade reaches 20.5 mmt in 2015/16, fueled by growth in Asian demand. China has the largest increase in net imports, with levels reaching 3.4 mmt in 2015/16. The EU-15 net exports of barley reach 4.6 mmt in 2015/16. Australian and Canadian net exports are 4.8 mmt and 2 mmt, respectively, in 2015/16. Lower consumption increases Ukrainian net exports to 4.2 mmt in 2006/07, but levels decrease later because of higher feed use. Russian net exports recover in the next decade, reaching 2.6 mmt in 2015/16.

**Rice**

Tight exportable supplies across Asia and record low world rice stocks have resulted in sharply higher Thai export prices in 2004/05 and 2005/06. The Thai 100% B price is $293 per mt in 2005/06 but is expected to weaken to $251 per mt in 2006/07 as world rice supplies increase. Global rice area is expected to increase from just under 152 mha in 2005/06 to 153 mha in 2006/07 and remain there until 2015. Production is projected to increase by 452 mmt during the same period, as yields in many countries recover from the previous year's declines. Nearly 66% of the projected net growth in total rice production over the next decade comes from China, India, Bangladesh, Thailand, and Vietnam. Strong consumption, coupled with stocks liquidation by China and India, keeps the stocks-to-use ratio near 17% over the baseline.

Global rice consumption declines slightly, to 414 mmt, in 2005/06, as per capita rice use declines by nearly 1%, faster than the rate of world population growth. Total global rice consumption in 2006/07 is projected to increase to 417 mmt, mainly because of population growth. World per capita consumption of rice is expected to continue to decline, driven by urbanization, income growth, aging population, and diet diversification in a number of Asian countries. Global consumption is expected to grow at 0.8% during the outlook period. Of the projected net gain in world rice consumption over the same period, 61% is attributed to India, Indonesia, Bangladesh, China, Vietnam, Philippines, Nigeria, and Egypt.

Total world rice trade in 2005/06 is 29.0 mmt, up 5.0% from the previous year's level. The increases in exports from the U.S., Australia, and Pakistan offset substantial declines in shipments from India, Vietnam, and Thailand. Total rice trade expands by 5.5% in 2006/07 and is expected to continue to grow by 1.7% per year over the baseline, as global trade liberalization efforts continue. Thailand, Vietnam, and India are projected to capture the growth in world rice exports over the next decade. Projected major net importers include Indonesia, Iran, Bangladesh, Nigeria, Mexico, Malaysia, Saudi Arabia, Turkey, and Ivory Coast.

**Oilseeds**

The world prices of soybean and sunflower have weakened this year under the pressure of high supplies while the rapeseed price has increased because of strong EU biodiesel demand. For 2006/07, another price decline for soybeans is expected despite the production adjustment. This correction leads to a price rebound for soybeans in 2007/08. In the long run, all oilseed prices are expected to remain within their established relationships.

World oilseed area expands 1% in 2005/06 despite a weaker price last season, primarily because of sunflower area expansion from corn acreage in the CIS. Total area increases by 10% throughout the projection period. Seventy-six percent of this increase is due to soybean area expansion in South America. The expected expansion of the oilseed area is caused by increased worldwide demand for protein meals for livestock feed and vegetable oils for human consumption and industrial uses.

Total oilseed production reaches 416 mmt in 2015/16, driven by growth in both area and yields. Oilseed crush increases 27% to meet the rising demand for oilseed meal and oil. Strong income growth in developing countries increases the demand for vegetable oils and livestock products, which increases the demand for oilseed oils and meals. Each importing country's domestic policy and crushing capacity dictate whether oilseeds or oilseed products are imported. Considering these factors, world oilseed trade is projected to increase by 32% while meal trade and oil trade increase 31% and 42%, respectively, by 2015/16.

World soybean production reaches 277 mmt by 2015/16, an increase of 24% over the current year. In 2012/13, Brazil overtakes the U.S. as the largest soybean producer in the world. At the end of the outlook period, Brazil holds a 34% share while the U.S. share drops to 30%. World soybean production is primarily dominated by Argentina, Brazil, and the U.S. (85% combined) over the outlook period. By 2015/16, soybean areas in Argentina and Brazil combined increase 13.6 mha while areas in the U.S., China, and India fall by a total of 1.7 mha.

Soybeans primarily account for the growth in import demand, followed by rapeseed and sunflower seed. The majority of the increase in soybean imports occurs in China and in numerous smaller importing countries in the Middle East and North Africa. China strengthens its position as the largest importer of soybeans because of strong per capita oil demand, demand for meal from the livestock sector, and Chinese grain policies. Chinese soybean net imports rise from 28 mmt in 2005/06 to 48 mmt in 2015/16. The EU's import share decreases from 23% to 15% over the next decade, as the EU imports processed products rather than beans. Brazil captures a 51% share of the trade while the U.S. soybean export share falls to 27% during the outlook period. World rapeseed consumption increases by 22% throughout the baseline, stimulated by emerging demand for biodiesel in the EU. Canada remains the leading exporter in the world market: about 74% of world exports originate there.

Oilseed meal consumption increases sharply, from 191 mmt to nearly 244 mmt by the end of the projection period. The highest absolute increase is expected in soy meal consumption, which grows by 43 mmt. By 2010/11, China surpasses the EU as the largest soybean meal consumer in the world. Driven by strong expansion in its livestock sector, China consumes an additional 15 mmt by 2015/16. U.S. consumption increases 1.2% annually, but the U.S. share of world consumption falls slightly. Soy meal also accounts for the majority of the growth in oilseed meal trade. Argentina is the leading exporter, supplying 30 mmt of soy meal over the next decade, while the EU is the dominant importer, with 28 mmt of imports.

Increasing incomes in developing countries play a crucial role in the 35 mmt increase in vegetable oil consumption by 2015/16. On a per capita basis, world vegetable oil consumption is expected to increase by an average of 0.3 kg per person annually over the baseline. Annual average world soybean oil consumption grows by 2.9%, followed by rapeseed and sunflower oil consumption with an annual growth of 2.0% and 1.7%, respectively. Palm and palm kernel oil demands also expand strongly on average at around 3.9% and 3.6% annually. Despite its focus on domestic production of meal and oil, China is expected to increase vegetable oil imports by 76% because of strong per capita consumption growth over the baseline. China surpasses India to take the leading role in soybean oil imports in 2005/06, and by 2015/16 it imports 3.6 mmt. China also dominates the palm oil imports in the world market. Chinese palm oil imports expand from 4.8 mmt in 2005/06 to 8.8 mmt in 2015/16.

**Cotton**

Improving yields and consolidation of mills have been dominant drivers of world cotton markets since 2004/05 and will continue to have an impact over the outlook.

Yields over the last two seasons were sizable: the 2005/06 world cotton yield of 711 kg/ha is second

only to the previous season's 732 kg/ha. After stagnant yields in the 1990s, yields worldwide appear to be advancing, with progress being made in the world's largest producing countries. Yields in China, Brazil, Uzbekistan, and the United States are at or above world levels; however, India, the country with the largest cotton area under cultivation, has yields that are less than half of those countries' levels and has plenty of room for growth.

With world cotton area in 2004/05 at the highest level since 1995/96, retreating only modestly to 34.9 mha in 2005/06, and combined with near record yields, production reaches an impressive 24.8 mmt, second only to last year's 26.2 mmt. With the last two seasons producing the largest two cotton crops in history, the anticipated 2005/06 A-index price of $1,288 per mt is above last year's level of $1,180 per mt. Even with large supplies, prices have been supported by surging world demand after the phasing out of textile quotas under WTO agreements. World mill use exceeds production in 2005/06, reaching 25.3 mmt. World mill use is expected to reach just under 30 mmt by 2015/16.

Textile quota elimination has resulted in concentration of world cotton spinning in a small number of countries. China, India, Pakistan, and Turkey account for 68% of world mill use in 2005/06 and expand to 76% of world mill use by 2015/16. While some of this gain in mill use has come from declines in the U.S. and Europe, developing countries will continue to see their growth in mill use slow or even decline. China offers the best opportunity for the world's cotton exporters; surging mill use and a shortfall in Chinese supplies imply an increased dependence on the country's imports. With domestic mill use declining, the United States will be looking for export markets for cotton and will face continued competition from expanding area in Brazil.

**Sugar**

World sugar production, consumption, and net trade in raw sugar equivalence increase by 16.8%, 17.9%, and 13.9%, respectively, between 2005/06 and 2015/16. The world raw sugar price increased by 33.3% in 2004/05 as a result of strong demand and production shortfalls. World sugar stocks have been declining for the past four years. The raw sugar price increases by 16.6% in 2005/06 as expectations of a tight market continue. The sugar price reaches 14.7¢ per pound by 2015/16 as production is reduced in the EU and more sugarcane is diverted to ethanol production, particularly in Brazil.

Brazil remains a dominant force in the world sugar market, given continued record sugar production and the country's potential for expansion. Brazilian net exports reach 22.2 mmt by 2015/16. Australian sugar production decreases in 2005/06 because of declining area and adverse weather. With government financial support and favorable sugar prices, sugar production and net exports in Australia are projected to increase by 19.7% and 16.3%, respectively, between 2005/06 and 2015/16. Weather conditions also reduce Thailand's sugar production by 16.5% in 2005/06. Thai sugar production and net exports are projected to increase by 90.6% and 111.9%, respectively, between 2005/06 and 2015/16. The implementation of the EU sugar reforms results in a drastic reduction in EU sugar beet production and a trade reversal in the EU from a major sugar exporter to a net importer; imports total 3.6 mmt by the end of the projection period.

Russia and Ukraine combined are projected to lower sugar imports in the coming decade, as domestic production increases by 18.5% while consumption increases by 2.3% by 2015/16. In India, sugar production recovers in 2005/06, increasing by 29.7%. India is projected to become a small net exporter of sugar during the projection period.

**Livestock and Poultry**

For the last three years, SPS issues have affected the world meat market, and they will remain a factor in the short-run outlook as the market recovers from these shocks. Following the lead of Japan, several countries are opening their borders. Hence, the outlook for the world meat sector in the next decade shows recovery, with increases in consumption, production, and trade. The main driver on the demand side is solid and sustained economic growth in many regions, ranging from 3.4% to 6.6%. Per capita consumption of beef, pork, and poultry increases by 6.8 kg between 2005 and 2015. Meat production capacity also continues to expand. Structural transformation has raised productivity and efficiency and several policy and institutional changes around the globe have improved the functioning of world markets.

Rising meat demand fuels a 20.4% growth in total meat production over the next decade. Income and population growth and various production constraints enable consumption to rise faster than production in many countries, prompting these countries to satisfy their excess demand with low-cost imports. Total meat trade increases by 25.6% in the next decade.

The BSE case in Canada drove the U.S. beef price to record highs in 2003, and prices remained high through 2005, at $87.3/cwt, despite a U.S. case of BSE. Demand adjustments also drove pork and broiler prices higher in 2004, by 33.1% and 19.6%, respectively. Meat prices drop in the short run and recover later in the decade.

Low-cost producers in the Americas capture a growing share of international meat trade throughout the baseline. Beef exports from the United States and Canada were compromised in the short run because of food safety issues. This drove the U.S. share of total meat trade to a low 19.6% in 2004. The United States regains 4 percentage points in market share by 2010 and maintains its share the rest of the decade. The devaluation of its currency by 2.3%, coupled with strategic investment in infrastructure in the grain-rich Center-West regions, improves Brazil's competitive edge relative to other meat exporting countries, allowing it to garner around 4.2 to 7.4 additional percentage points of market share in each of the meat categories.

**Beef**

This outlook assumes that there is recovery from BSE in the short run. The weak meat trade in 2004 was primarily due to the meager 0.4% growth in beef trade over the last two years. Over the rest of the decade, beef trade recovers and grows by an average rate of 3.0%, ending at 8.6 mmt in 2015. Beef production grows by 1.7%, reaching 61.9 mmt in 2015.

The excess beef demand in the outlook comes from three sources. First is the demand recovery from BSE in the short run, such as in Japan and South Korea. Second is the income- and population-driven demand expansion in countries such as Egypt, Indonesia, Mexico, the Philippines, and Russia. Third is demand from trade reversals—changing from an exporter to an importer—such as happened in China and the EU.

The U.S. BSE case in 2004 drove Japan's net imports to their lowest level in the last decade. With the agreement to resume trade finalized, Japan's continuing decline in production and growth in consumption fuel a net import expansion of 6.1%. South Korea's beef net imports also dropped in 2004 because of BSE. With the opening of its market, South Korea's net imports recover to pre-crisis levels in three years and continue to grow over the rest of the period.

China traditionally has been a net exporter of beef, with declining exports but small imports. With severe constraint of improved grazing area and poor animal genetics, production growth falls behind consumption. As a result, China becomes a net importer of beef, at 431 tmt, in 2015.

Mexico's net imports in 2004 were 43.8% lower than the pre-BSE level in 2002. Despite the country's shrinking cattle inventory, domestic production responded to the crisis with a 7.6% increase to fill the supply deficit in 2004. However, growth in disposable income and population continue to drive an expansion of beef demand. After the pre-BSE net import level is exceeded in 2010, net imports continue to grow at 6.2%. Mexico's feeder cattle export to the United States declines slightly in the medium term, as the border with Canada is opened and the U.S. cattle price is lower.

Russia introduced a beef quota, with an in-quota rate of 15% and an out-quota rate of 60%. Despite the quota, a continuing deficit due to fast growth in consumption causes expansion of net imports to peak in 2009 at 862 tmt to meet a shortfall in production.

The EU was already a small net importer in 2003 and continues in this position for the rest of the decade. Beef production declines over the baseline by 0.6%, driven by lower dairy cattle production. After maximum decoupling of support in the beef sector beginning in 2007, production declines even faster, at a rate of 0.9%. For the 10 EU NMS, a binding dairy quota limits their beef surplus.

Resumption of Canada's boneless meat exports from animals less than 30 months of age and a 59.5% decline in imports resulted in a net export in 2004 that was actually 48.3% higher than before the BSE crisis. The new USDA "minimal risk region rule" and the abnormal animal inventory build-up allow meat exports to expand further in the short run. After the impact of the BSE case wanes, exports grow at a normal pace of 4.6% for the rest of the decade.

Producers in Oceania and South America benefited from the ban of North American beef in many importing countries. After declining by 7.6%, exports recover in 2004 as Australia exploits markets closed to U.S. beef; they continue to grow at 2.6% annually for the rest of the decade. Driven by the growing Asian demand for quality beef, Australia's feedlot capacity expanded and reached 1 million head. Exports of live animals grow by 12.9% annually, reaching 1.3 million head in 2015. Australia loses 1.5 points of market share as North American exporters recover their markets. The timing of recovery from droughts in the early 2000s allowed New Zealand exports to expand in 2003/04 by 12.9%. Exports continue to grow over the rest of the decade at 2.0% annually, reaching 677 tmt in 2015.

Argentine exports jumped by 65.2% in 2004. Herd rebuilding thereafter softens short-term exports but expands exports in the outer years. Nominal currency devaluation throughout the next decade helps Argentina's competitiveness, and the country gains another 1.8 points of market share. Improvement in productivity (breeding and feeding programs), favorable domestic policies (credit, infrastructure, and fiscal incentives), aggressive promotion, and weakening currency enhance Brazil's competitiveness. Brazil's beef exports grow in the next decade by 2.7%, improving that country's market share by 6.9 points.

**Pork**

Benefiting from trade shocks from BSE, FMD, and AI in the beef and broiler industries, pork trade grows the strongest in 2004 at 10.2% and grows another 9.4% in 2005. Pork trade grows by 2.4% annually over the projection period, reaching 6.5 mmt in 2015. Pork production increases at a rate of 1.9%, reaching 113.1 mmt in 2015.

With both beef and broiler imports restricted because of BSE and AI, respectively, Japanese pork imports increased by 14.9% in 2004. Over the rest of the decade, net imports grow by 1.8%. Taiwan's WTO accession dampens production increases while imports expand by 8.5%. For China, with the reduction of duties from 20% to 12% and with the opening of distribution businesses to foreign firms, the slight edge in the growth of consumption over production is met by more imports, which reach 186 tmt in 2015. South Korea's consumption growth is supplied by more net imports, which grow at 2.1%.

Improved consumer purchasing power and population growth caused pork consumption in Mexico to increase by 9.4% in 2004. Despite some industry integration, a limited supply of cheap feeds and credit problems keep growth in domestic production lagging behind consumption, increasing pork imports by 3.0%.

Russia's pork quota has an in-quota rate of 15% and an out-quota rate of 80%. Russia attracts more investments in swine production, causing pork production to expand by 2.2% annually. With a weak recovery in consumption, pork imports decline by 1.4%.

Expansion in processing capacity contributes to Canada's pork sector growth of 3.0%. Canada's net exports grow by 5.1% annually, translating into a 1.9 point gain in market share. Also, Canada matched the growing demand for feeder pigs by U.S. Midwestern producers with increased investment in weaner pig operations. Canada's export of live hogs to the United States reaches 10.4 million head in 2015, more than half of which are expected to be feeder pigs.

The EU's pork net exports increased in 2004 by 8.7% as exports of beef and broiler from other countries were restricted because of SPS concerns. Strict environmental regulations and animal welfare requirements limit the EU's (especially the EU-15's) long-term capacity, and production grows by only 0.7% annually. As a result, the EU's market share drops by 3.3 points.

Strong domestic and export demand fuels a 3.1% annual expansion in Brazil's pork sector. Improvement in productivity (breeding and feeding programs), favorable domestic policies (credit, infrastructure, fiscal), and a weakening currency improve Brazil's competitiveness in the world pork market. Brazil's market share expands by 4.2 points.

**Poultry**

The AI outbreak, particularly in Asia, has caused the poultry market to post a weak growth in trade of only 0.6% in 2004. Recovery from AI allows poultry trade to grow at a rate of 2.2% over the rest of the decade.

The two countries hit hardest by the AI outbreak in Asia were China and Thailand. China's broiler

imports and exports dropped by 61.6% and 37.2%, respectively. In the next decade, as growth in production falls short of consumption, China's net imports reach 362 tmt in 2015. In Thailand, poultry exports were reduced by more than half in 2004. A focus on cooked and higher-valued products allows Thailand to recover 1.6 points of market share in the outer period.

With its border closed to Chinese and Thai broiler exports, Japan saw net imports decline by 16.0% in 2004, but the country's import level recovers in the outer period. Also, modest economic growth raises combined broiler net imports in South Korea, Indonesia, and the Philippines from 77 tmt to 277 tmt.

Policy changes in Taiwan, Russia, and Mexico also affected the poultry market. WTO accession eliminated Taiwan's quota in 2005 and replaced it with a tariff of 20%. As a result, poultry imports increase 16.2%. Russia; poultry import quota is set at 1.05 mmt, with nothing in excess allowed. As a result, net imports fell by 10.5% in 2003 and by another 11.2% in 2004 as confusion in the quota implementation rules impeded entry of products. Imports do not reach the quota until 2006; they remain at that level for the rest of the decade. Despite a new TRQ under NAFTA, Mexico continues to fill its shortfall in domestic production through net imports, which increase by 4.6% annually.

With the EU's limited long-term prospects and with Thailand's SPS challenges, Brazil is poised to gain 7.4 points of additional market share in the next decade. Strong exports and domestic demand drive the growth in Brazil's poultry sector. Large investments in broiler production in the grain-rich Center-West region have been encouraged by fiscal incentives and subsidies from local governments. As a result, production increases by 2.5%. Devaluation of the Brazilian currency and export market promotion enable Brazil to increase its poultry net exports by 1.8%.

**Dairy**

World milk production grows 1.7% annually over the next decade, with the most rapid growth occurring in China, India, Argentina, Brazil, Uruguay, Australia, and New Zealand. Despite a rising availability of milk in many importing countries, dairy product trade expands substantially for the next decade, especially of cheese, which increases 30%. As implementation of CAP reforms leads to stagnation in EU butter and NFD exports, Australia, New Zealand, Argentina, the U.S., and India expand to compensate for the reduction in international supplies from the EU. Strong demand driven by income growth, population growth, and urbanization, along with gradual growth in global supplies, puts upward pressure on prices over the baseline.

Leading dairy exporters Australia and New Zealand enjoy continued export growth. Relief from drought conditions prompts Australian milk output to recover in 2006, and production reaches pre-drought levels in 2008. Milk production in Australia grows 2.6% annually over the long term, generated by growth in both cow numbers and yields. Exports of cheese and WMP grow by 6% and 7%, respectively, during the outlook period. New Zealand's milk production continues to be adversely affected by poor weather in 2006; it starts to recover from 2007 on, growing 1.4% annually. Consequently, New Zealand's exports of dairy products grow, especially of cheese and WMP. Australia and New Zealand's NFD exports stagnate because of their lower profitability; their market share decreases from 34% to 29%.

North American milk production increases 12.8% in the next decade, reaching 110 mmt by 2015. About 87.8% of the growth occurs in the U.S., and Mexico accounts for the remainder. Supply controls constrain Canadian milk production. While Australia and New Zealand hold up their NFD exports, U.S. NFD export increases from 301 tmt to 567 tmt in the next decade.

Continued devaluation of the Argentine peso, a recovering economy, and firm world dairy prices drive the recovery of the Argentine dairy sector from 2004 onward. Milk output increases 3.6% annually throughout the baseline and boosts output of dairy products by an average of 2% to 6% annually. Argentina steadily increases its dairy exports, especially of cheese and milk powder. Uruguay's milk supply expands 4% annually. A modest growth in consumption enables Uruguay to increase exports of dairy products, especially of cheese, which increases 69.4% over the baseline.

Milk production in the EU, which is restricted by milk quotas, averages 142.8 mmt during the baseline. Cow inventories continue to decline while milk yield per cow increases at the same pace. Because of the decrease in intervention prices for butter and NFD,

higher returns from cheese production, and restricted milk supply, some milk is diverted from butter and NFD into cheese production. Cheese production rises 8.4% over the baseline, while butter and NFD production decrease 3% and 2%, respectively. During the baseline, fluid milk consumption declines while cheese consumption increases in both the EU-15 and EU NMS. The steady growth in domestic cheese consumption absorbs the bulk of the increase in cheese production, limiting the growth in cheese exports at the beginning of the baseline. As more milk is shifted to cheese production, cheese exports from the EU-15 and EU NMS increase 1.1% and 0.9% annually, respectively, from 2009 onward.

Russian milk output increases 1% annually over the baseline, with yields increasing enough to overcome herd declines and accommodate growth in fluid milk consumption as well as increased output of all four major dairy products. The growth in butter and NFD production catches up to the growth in consumption and consequently stabilizes Russia's butter and NFD imports throughout the baseline. As the most profitable dairy business, production of cheese in Ukraine continues to increase. Ukrainian milk production remains stable, near 13 mmt, for much of the baseline. Growing domestic demand and weaker Russian import demand for butter and milk powders hamper growth in Ukrainian dairy product exports over the medium term.

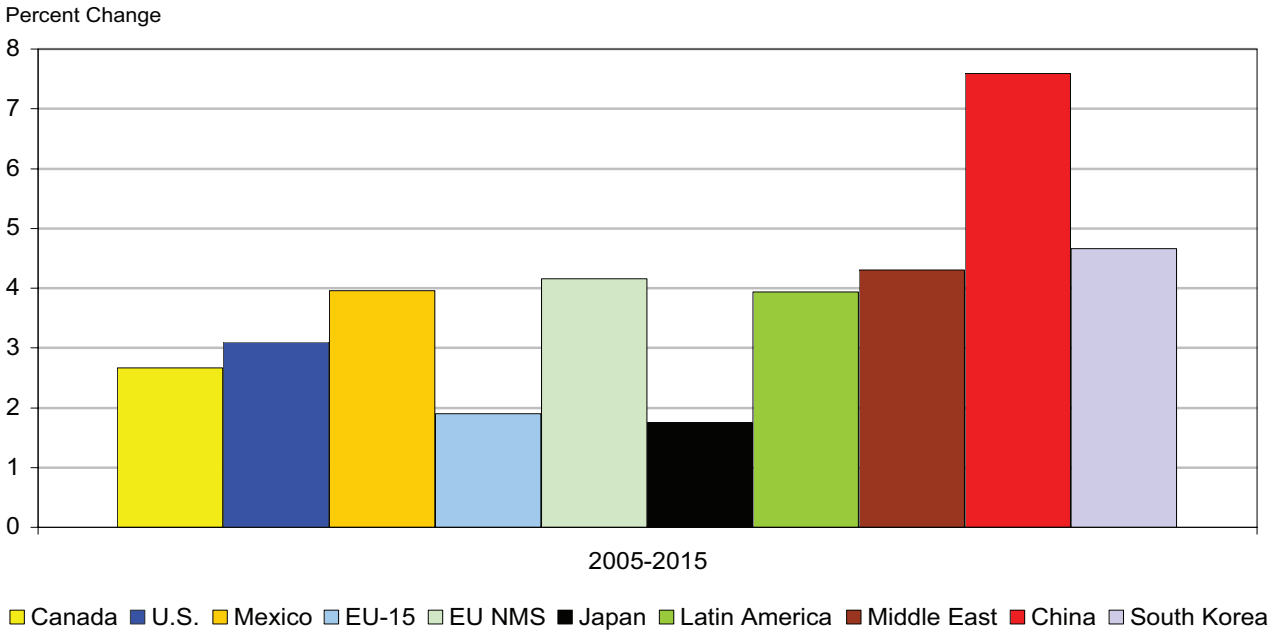
Strong economic growth, changing diets, and population growth all contribute to a steady expansion in Asian dairy consumption. To meet domestic demands for dairy products, China and India significantly increase milk production. The Chinese government encourages milk production through better genetics and herd management; Chinese cow yields are expected to increase 3% annually, and herd expansion should add 3.9% growth annually. Chinese imports of milk powder are expected to eventually decrease as consumers switch to fluid milk and as powder production expands.

Indian cow milk production grows 1.7%, and buffalo milk grows 4% annually. The latter represents about 60% of milk output and is valued for its high fat content. Roughly 40% of raw milk is directed toward fluid use in India, and the remainder is processed into butter and other fresh products. Indian butter production increases 54%, or 1.5 mmt, accounting for most of the growth in world butter production. India's butter export reaches a record high at 28 tmt in 2008; it then decreases as Indian butter demand grows faster than supply. Indian NFD output, a by-product of butter, increases 76% during the projection period, and NFD export grows 17% annually.

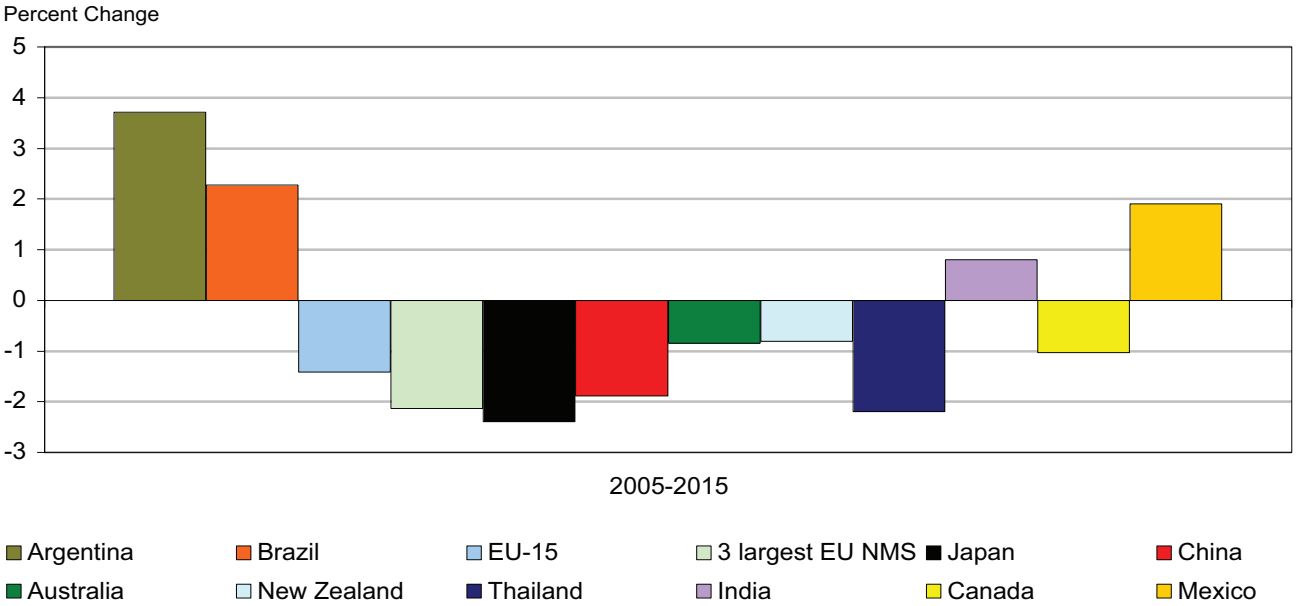
Southeast Asia depends heavily on imports to meet domestic demand. It increases its share of total NFD imports from 32.8% in 2005 to 35.7% in 2015. China and Japan account for about 6.7% of the NFD import market by the end of the baseline. Together, the seven countries of Asia generate virtually all of the growth in NFD trade. While Chinese WMP imports decline, Southeast Asia increases its imports 5.1% annually. Steady growth also occurs in Asian cheese and butter imports. As a leading cheese importing country, Japan's cheese import increases 1.6% annually, reaching 251 tmt in 2015. China, Southeast Asia, and South Korea combined increase their cheese imports 5.7% annually. Total butter imports into China, Japan, South Korea, and Southeast Asia increase 4.8% annually over the baseline.

# Charts and Price Projections

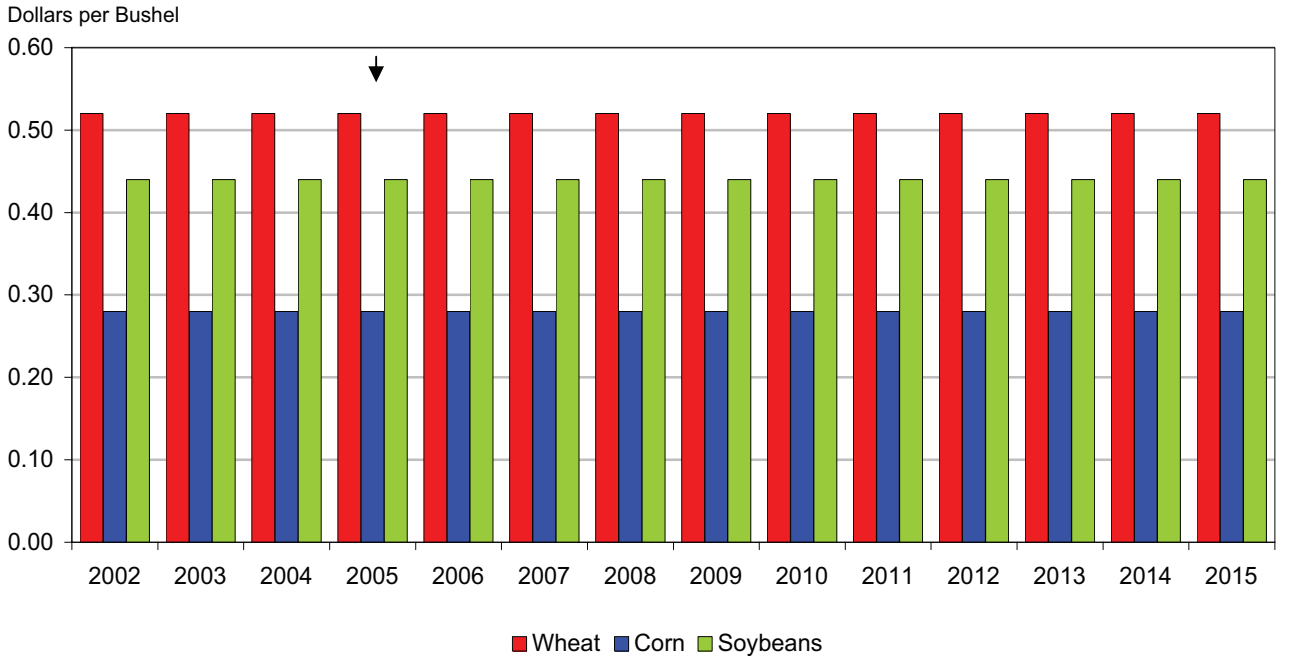
## Average Annual GDP Growth



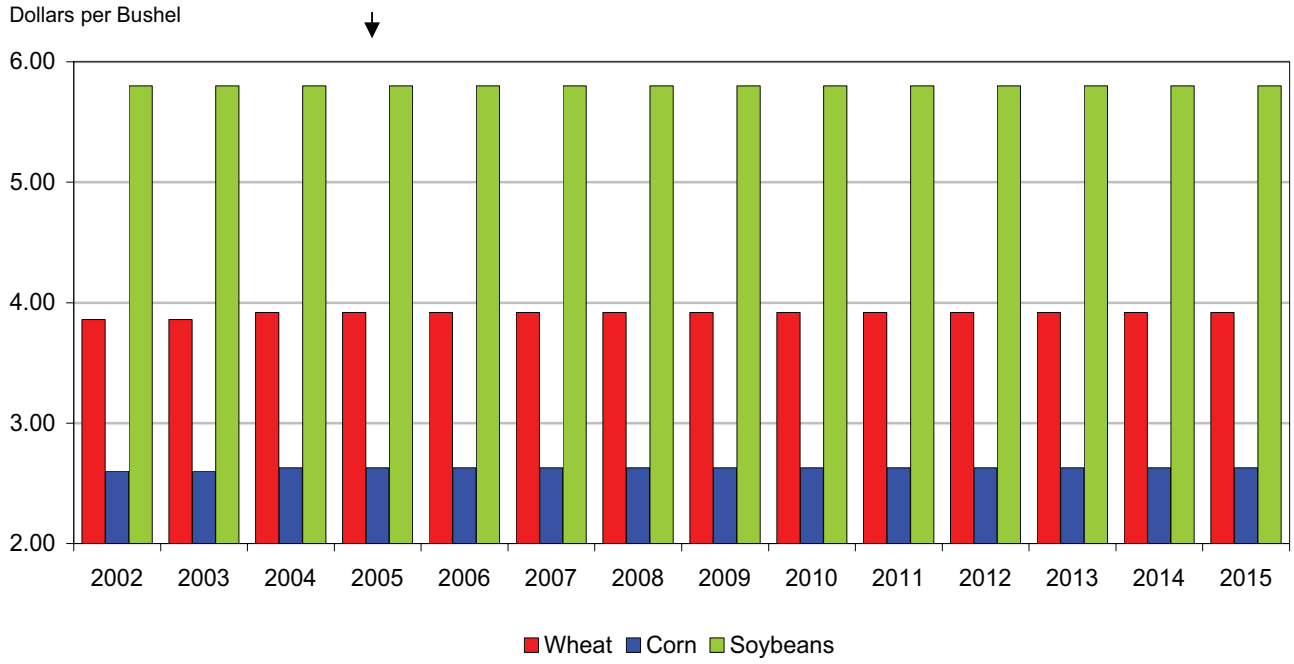

## Average Annual Exchange Rate Growth (local currency per U.S. dollar)



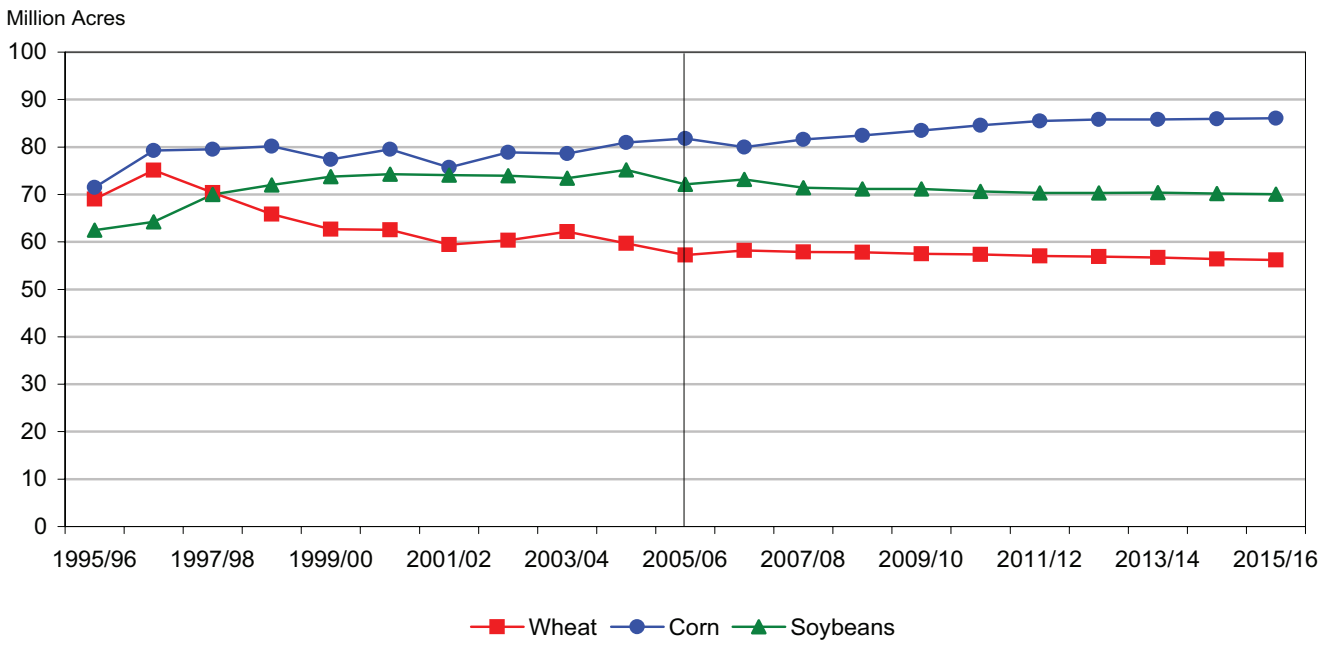
## U.S. Direct Payment Rates



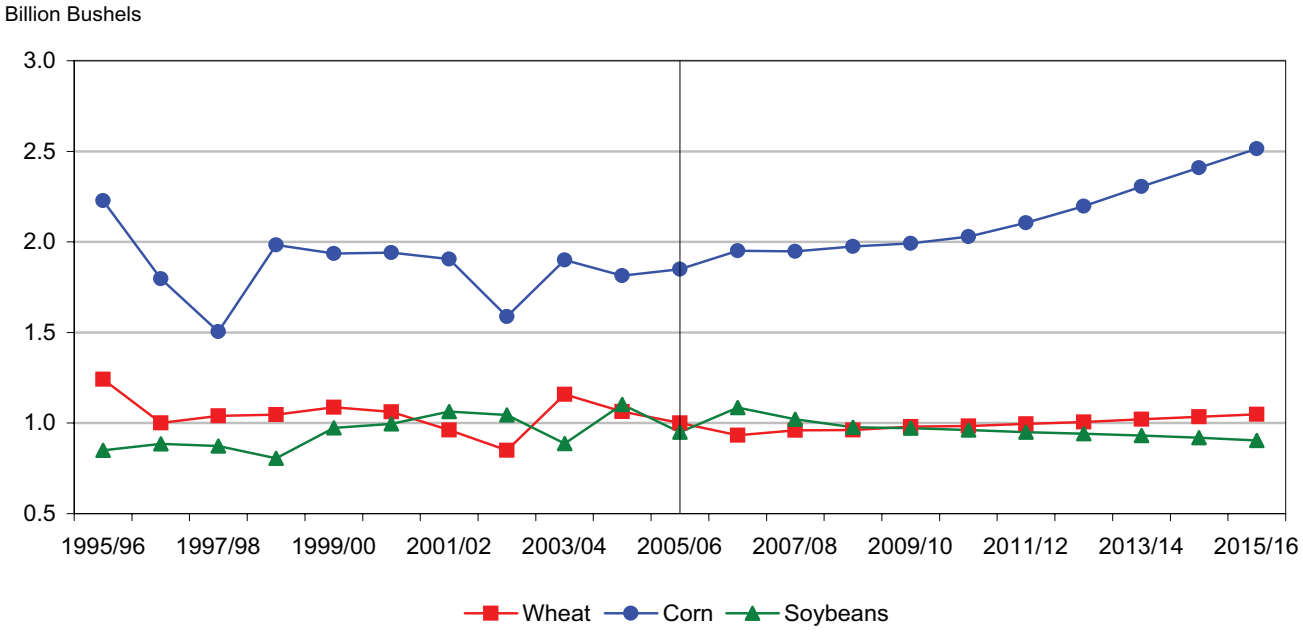

## U.S. Crop Target Prices



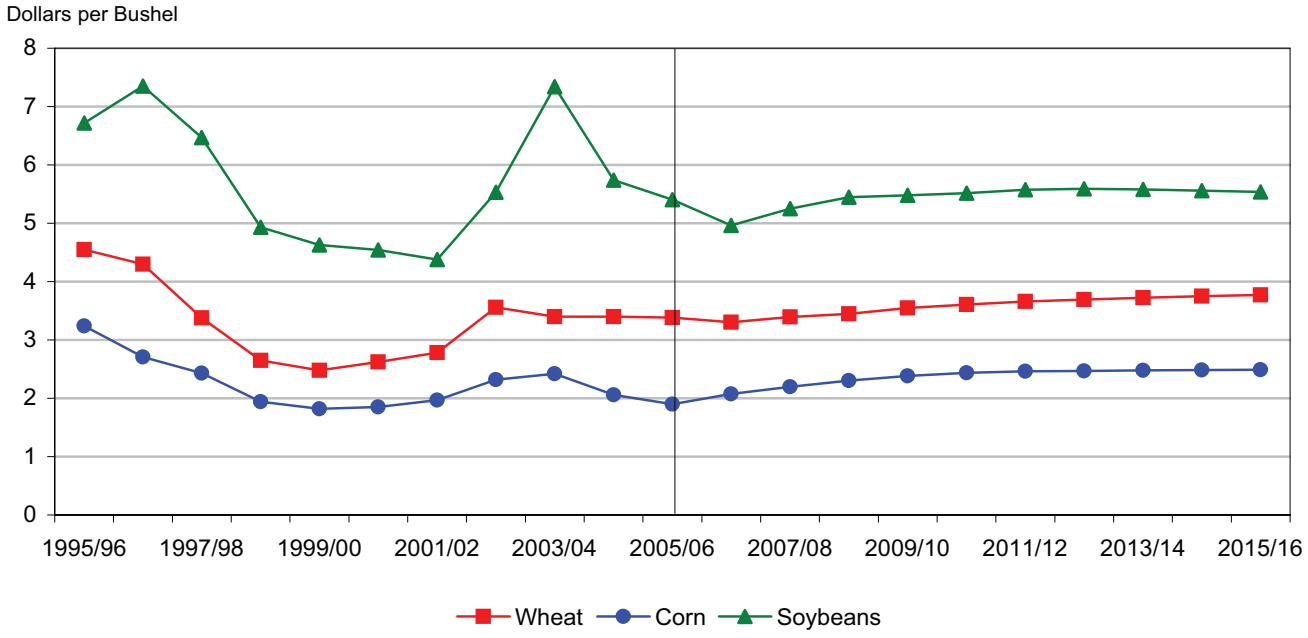
## U.S. Crop Planted Area



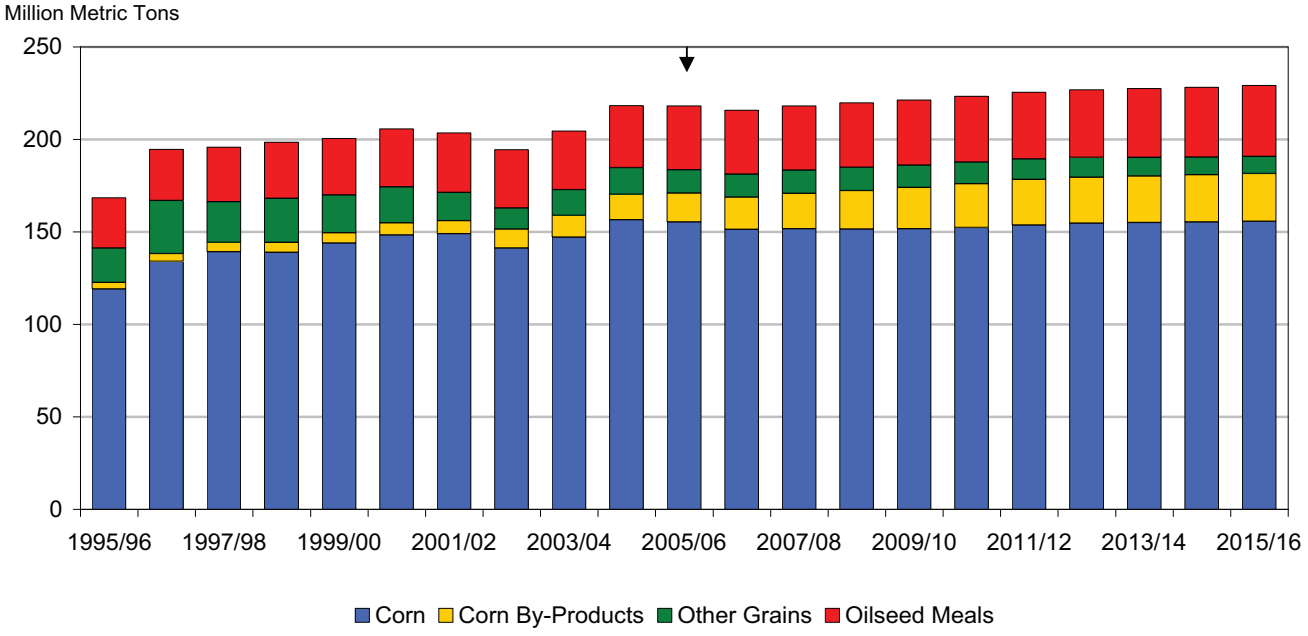

## U.S. Crop Exports



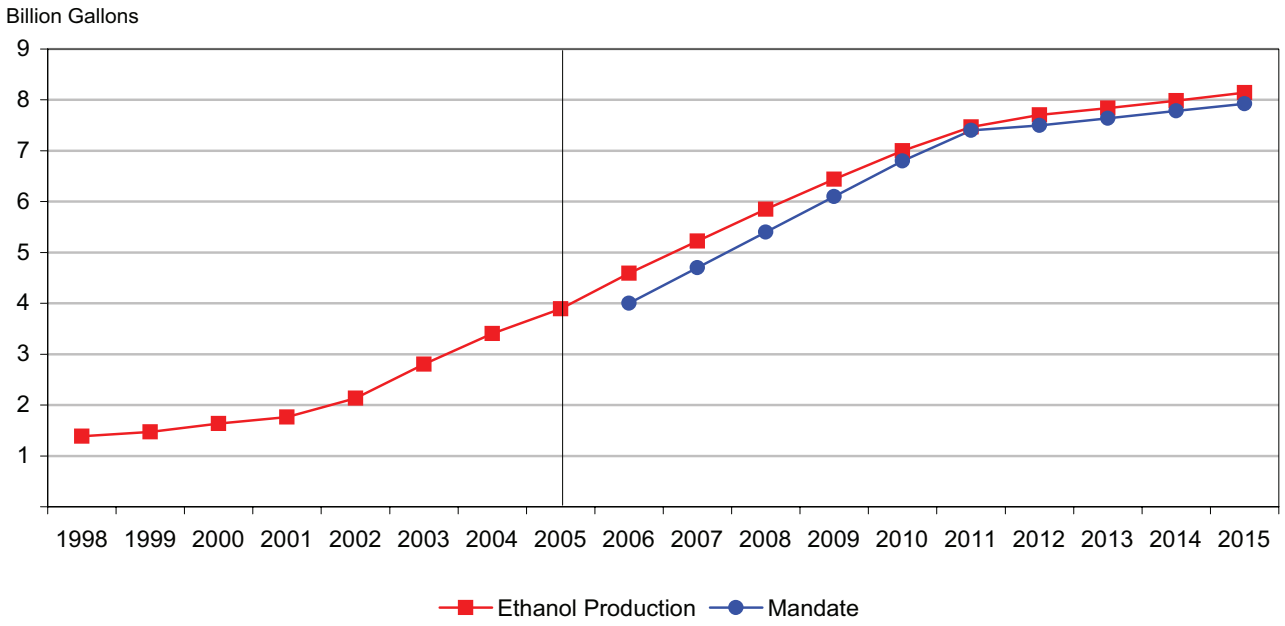
## U.S. Crop Prices



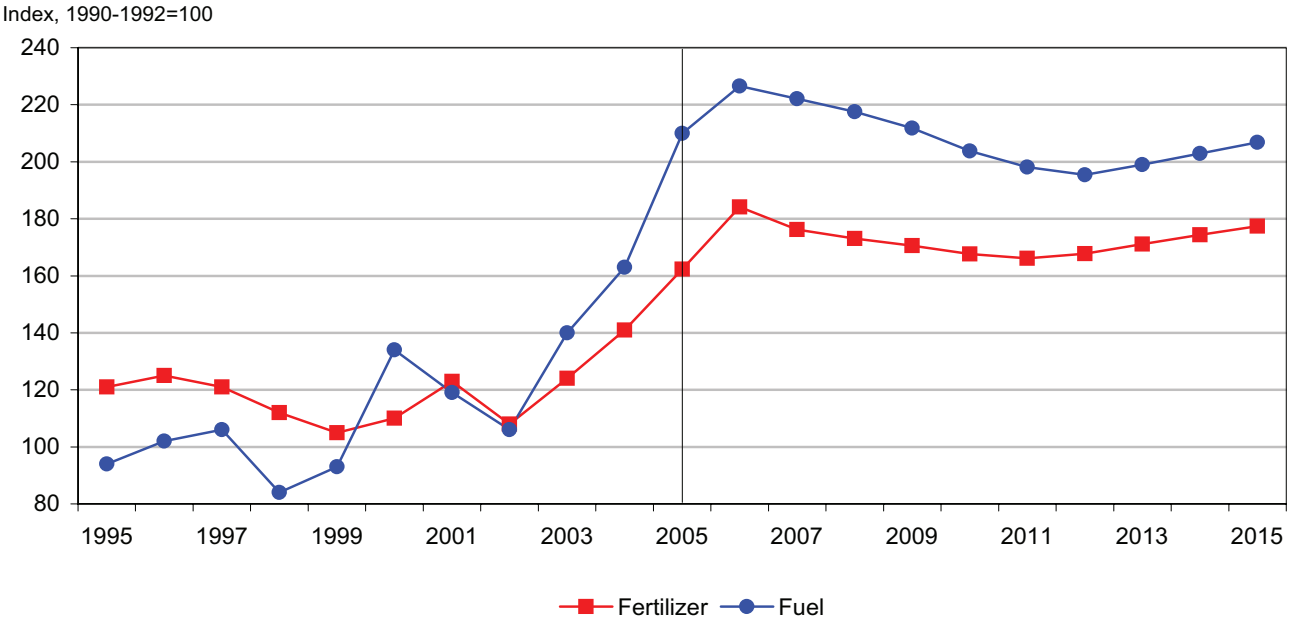

## U.S. Feed and Residual Disappearance



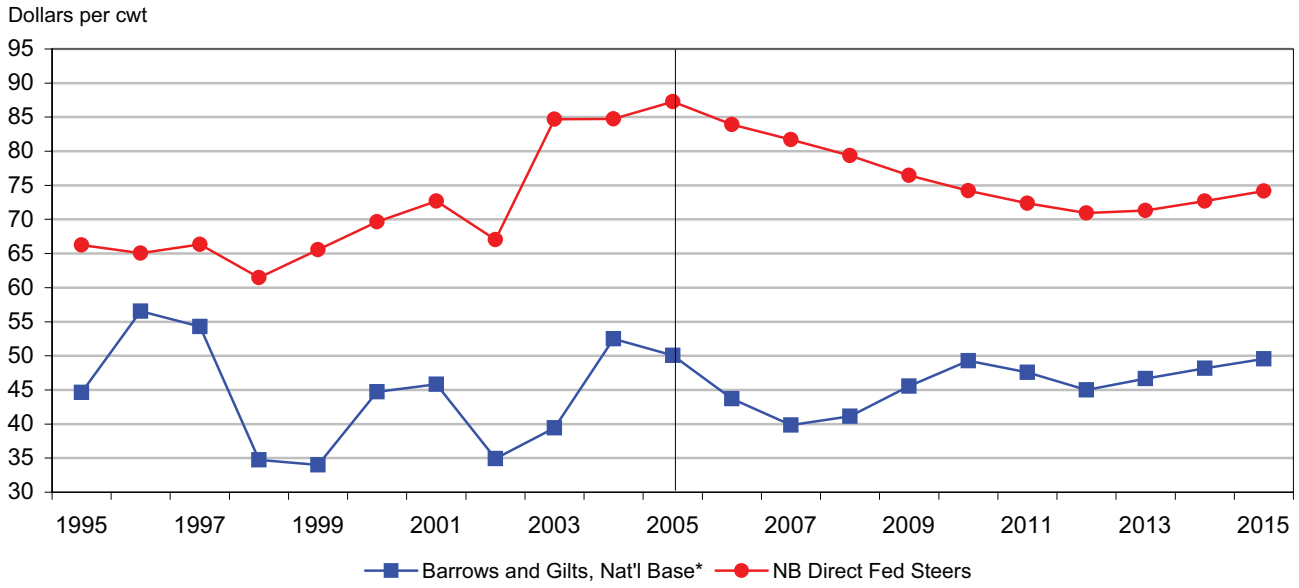
## U.S. Ethanol Production and Renewable Fuel Mandate




## U.S. Farm-Level Prices Paid Indices

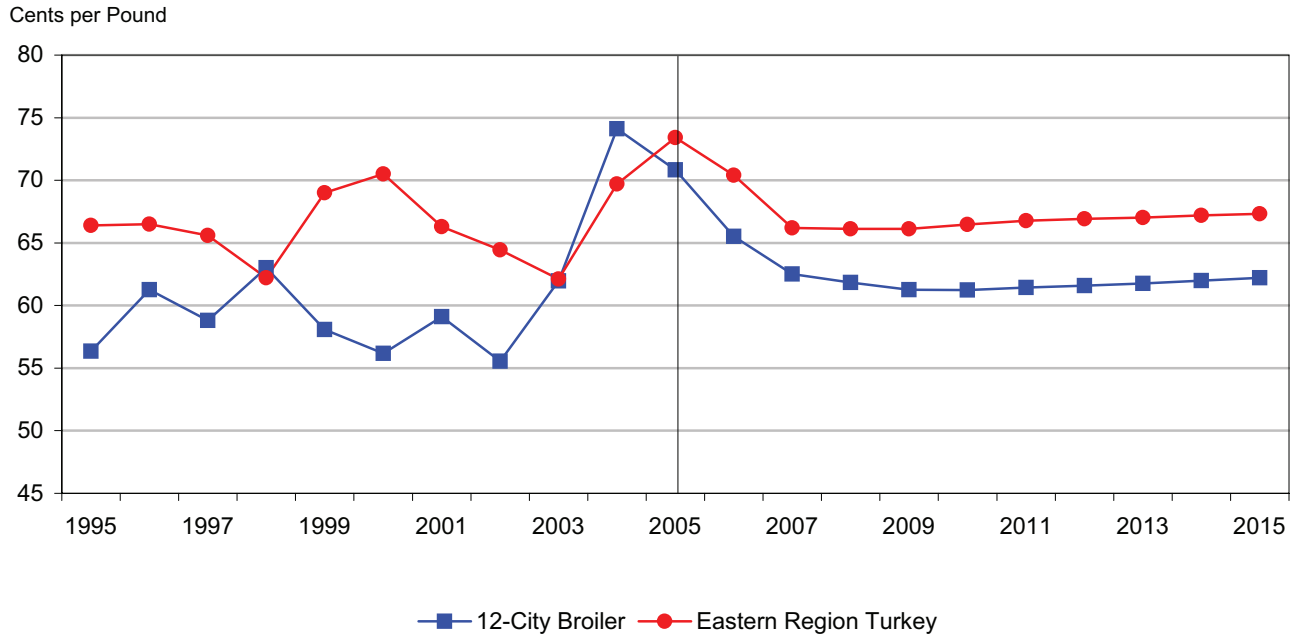


## U.S. Cattle and Barrow and Gilt Prices

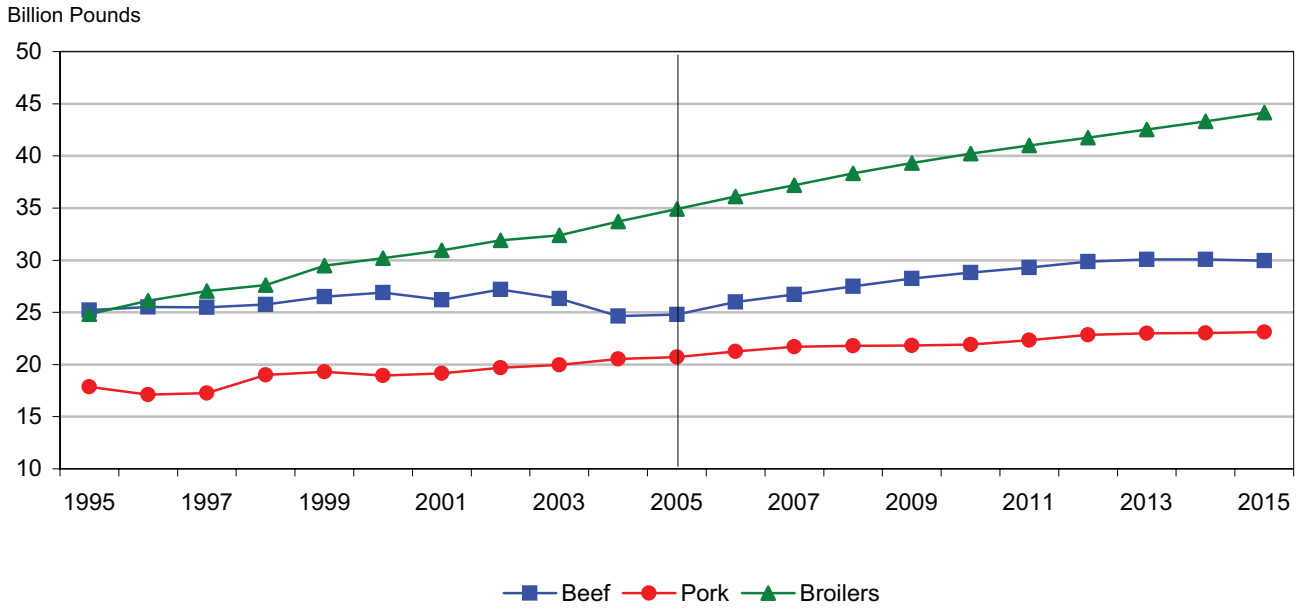



* National Base 51 - 52% Lean Equivalent

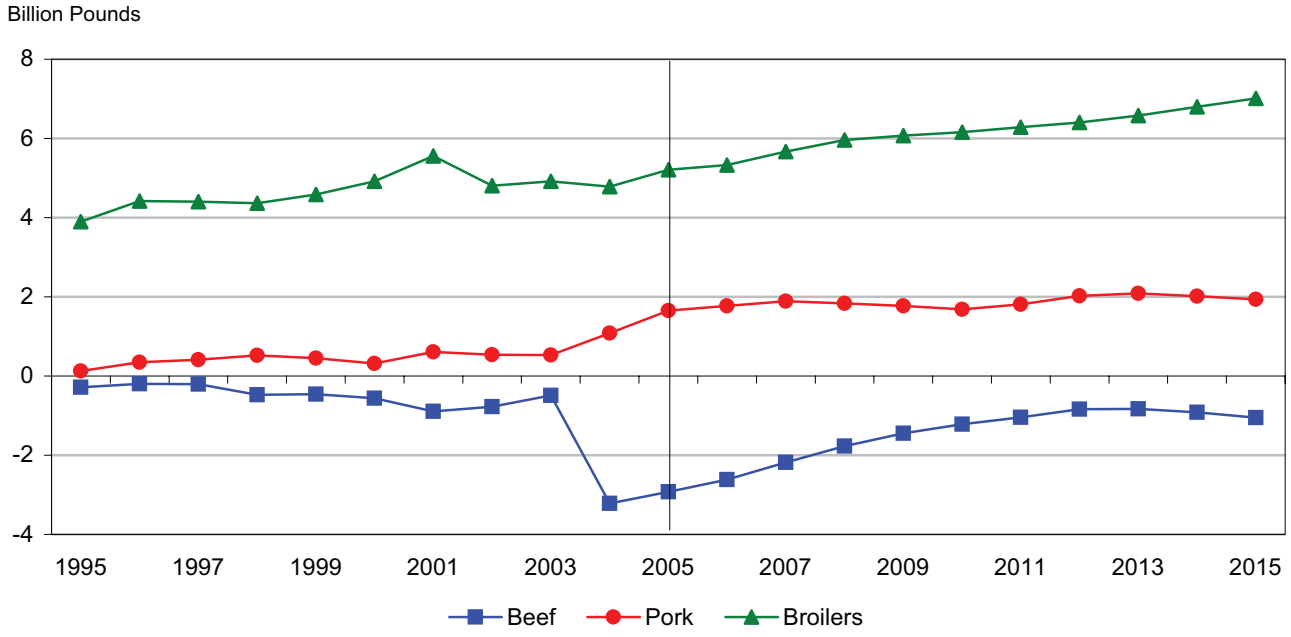
## U.S. Poultry Wholesale Prices



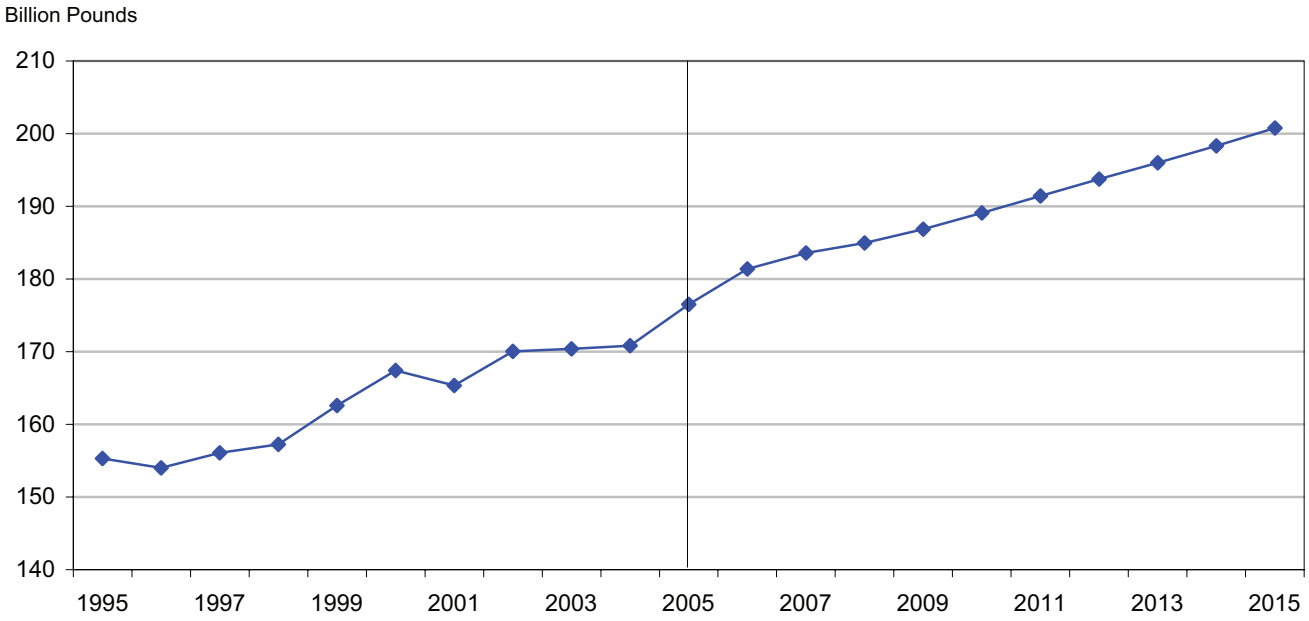
## U.S. Livestock Production



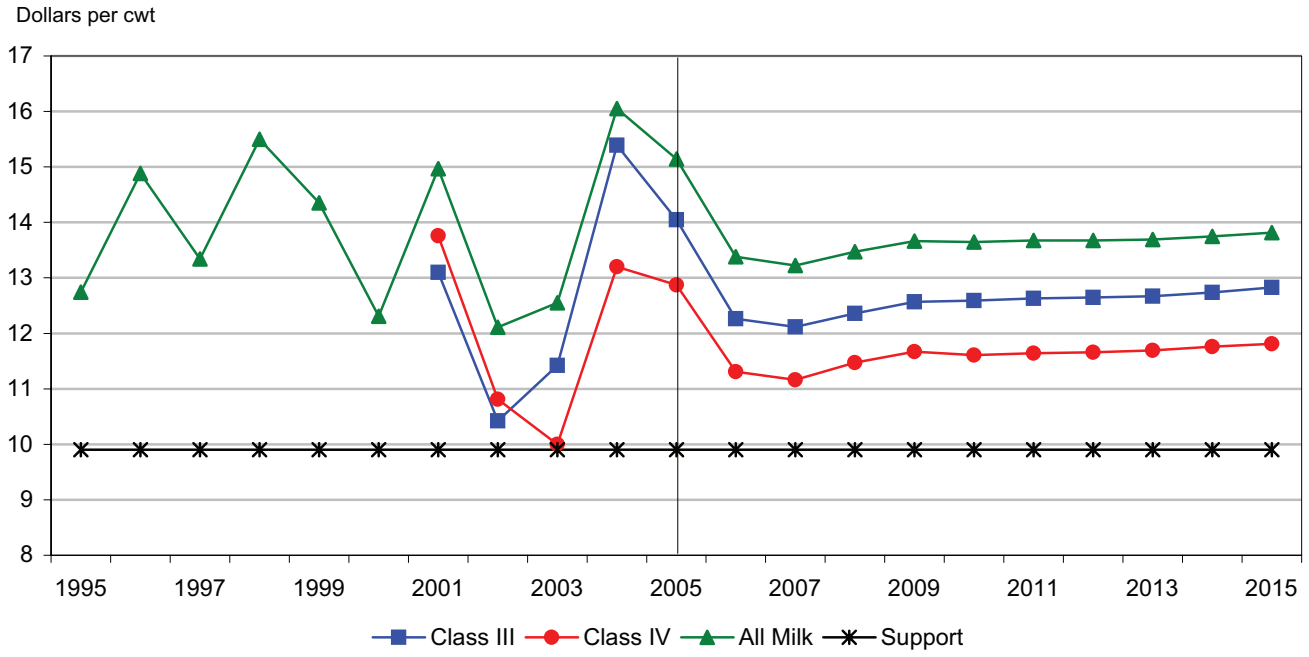

## U.S. Meat Net Exports



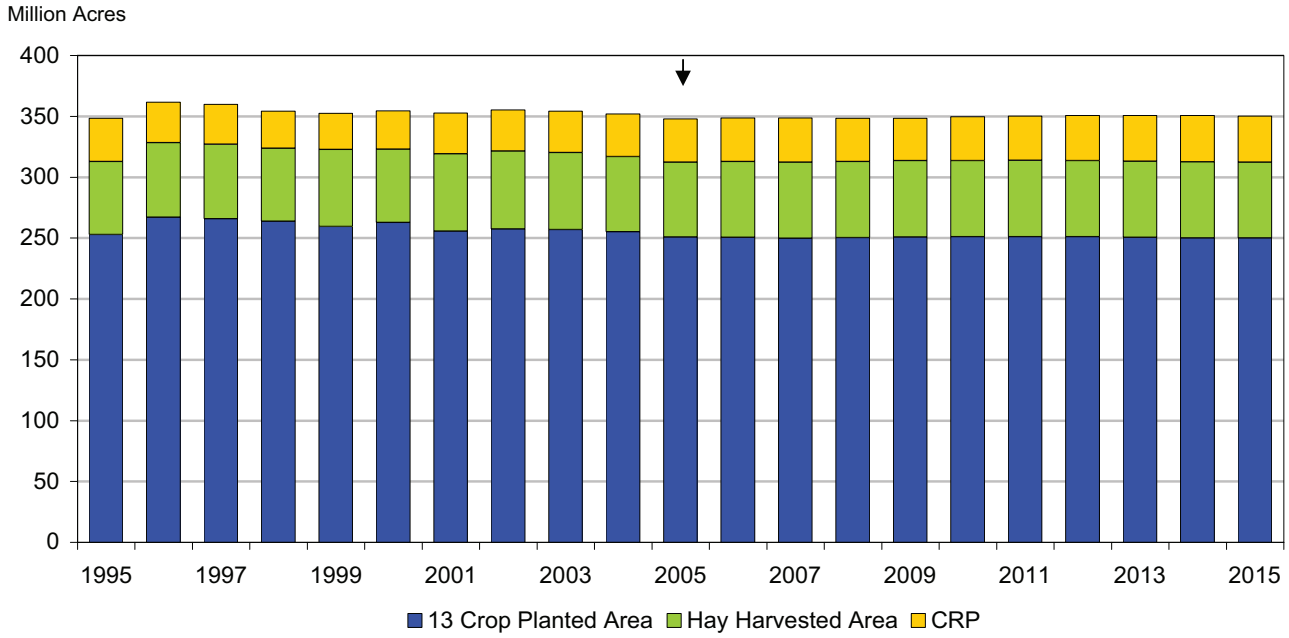
## U.S. Milk Production



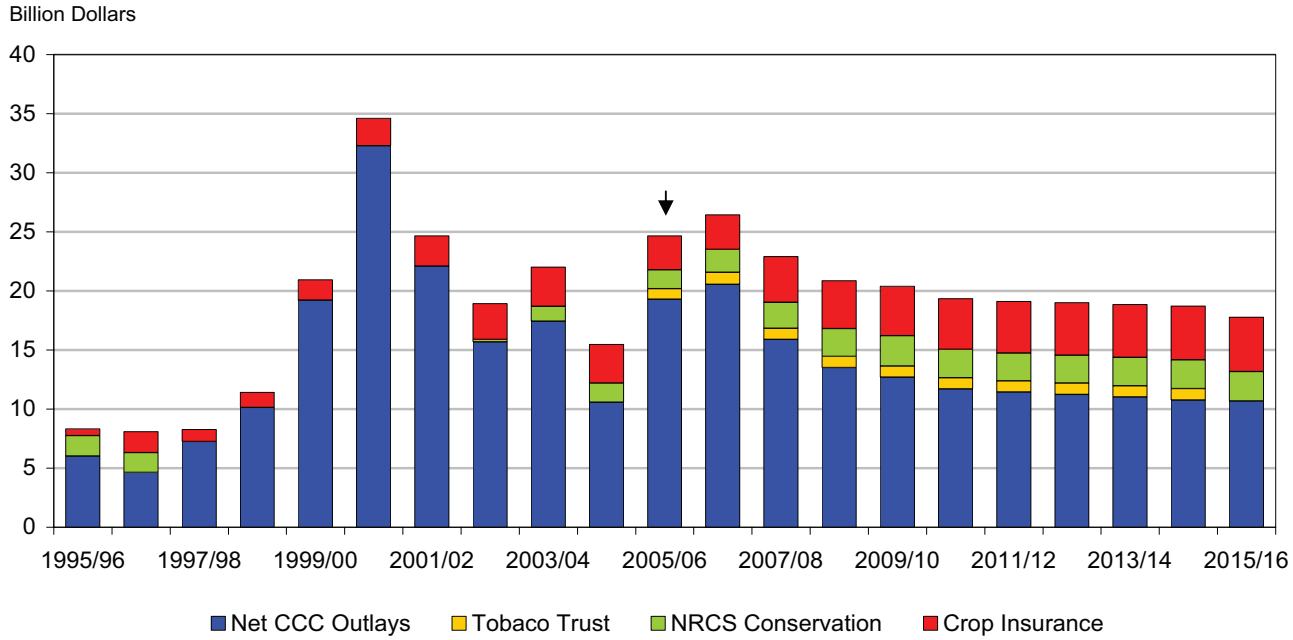

## U.S. Milk Prices



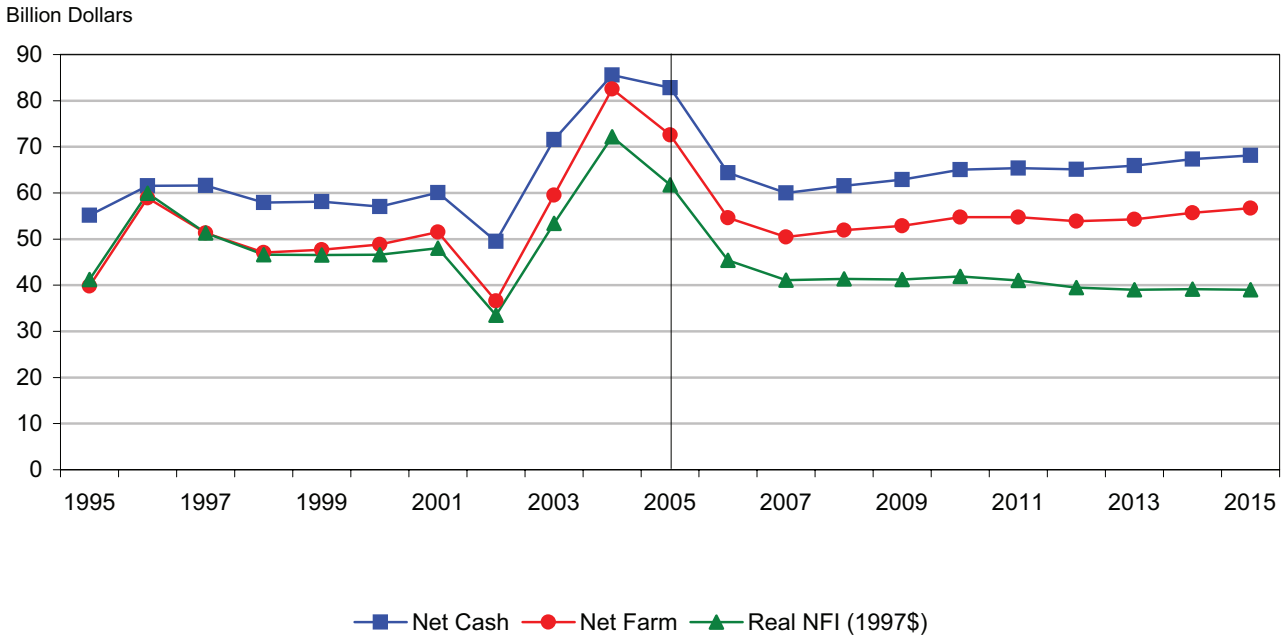
## U.S. Land Use



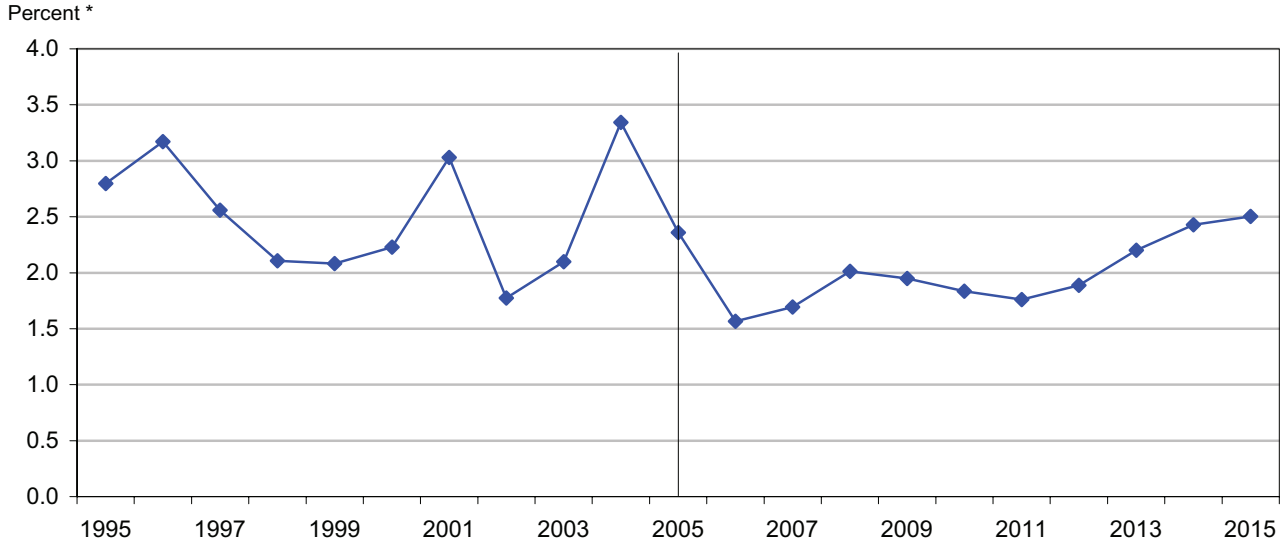

## Mandatory U.S. Government Outlays, Fiscal Year



## U.S. Farm Income

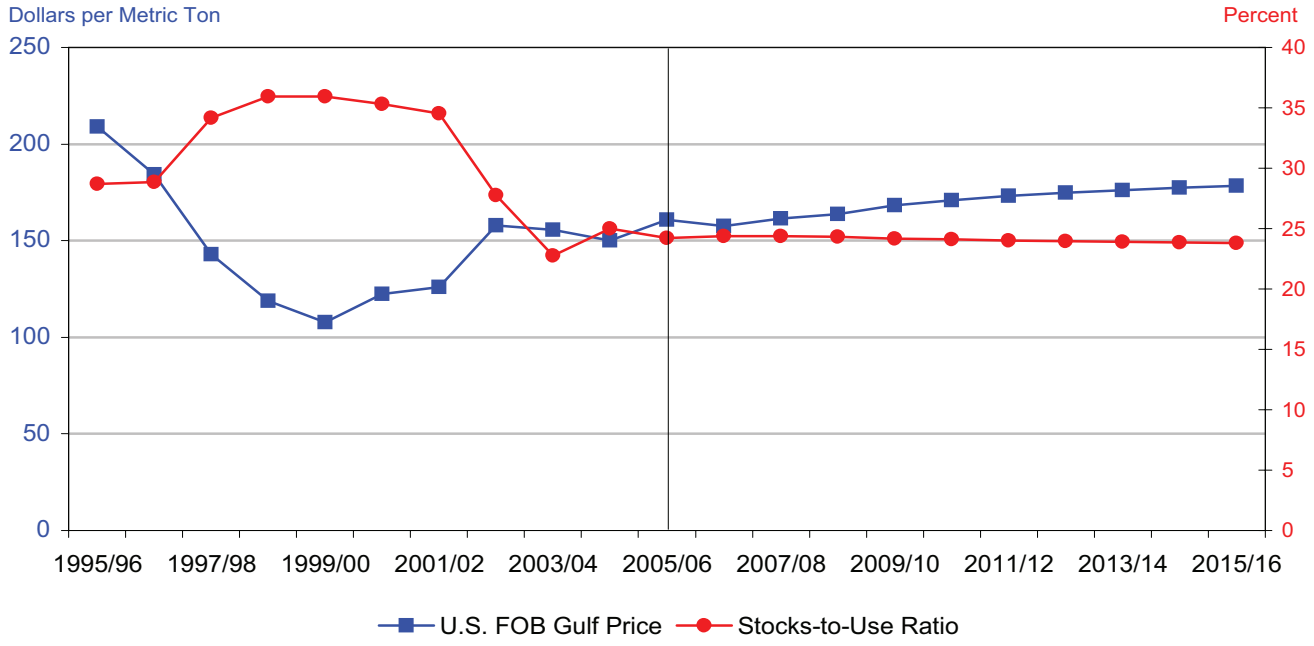



## U.S. Consumer Price Index for Food

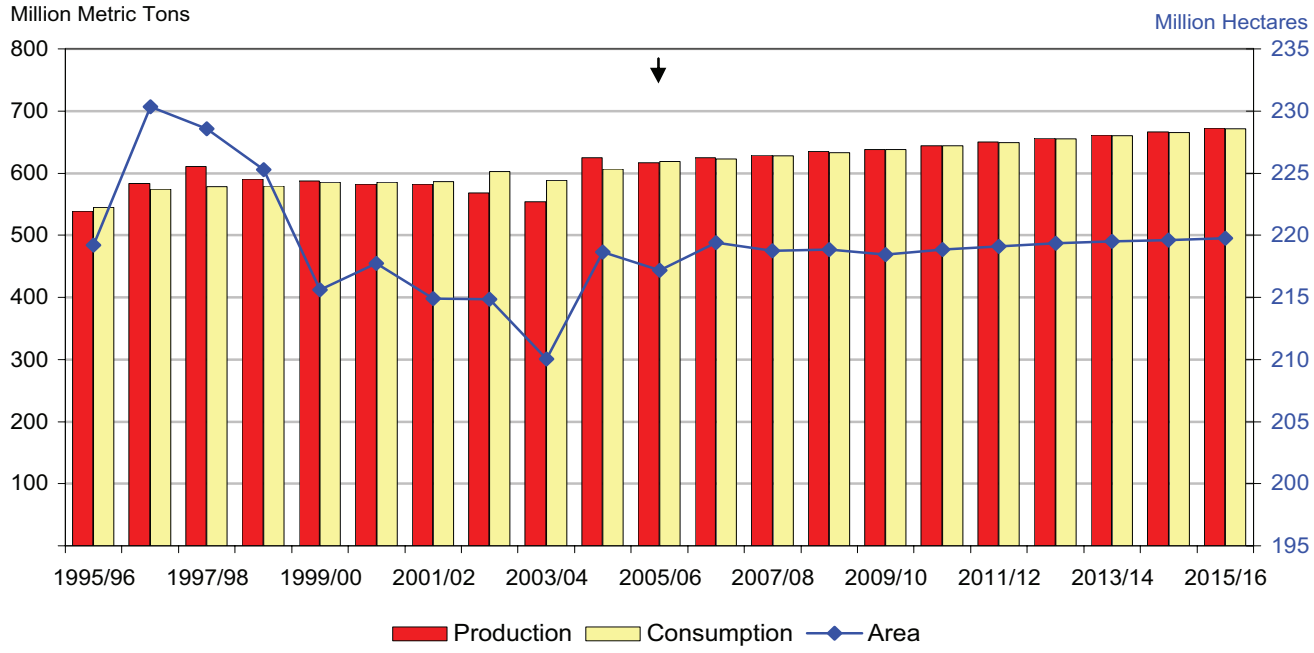



* Percentage increase in CPI for food vs. previous year.

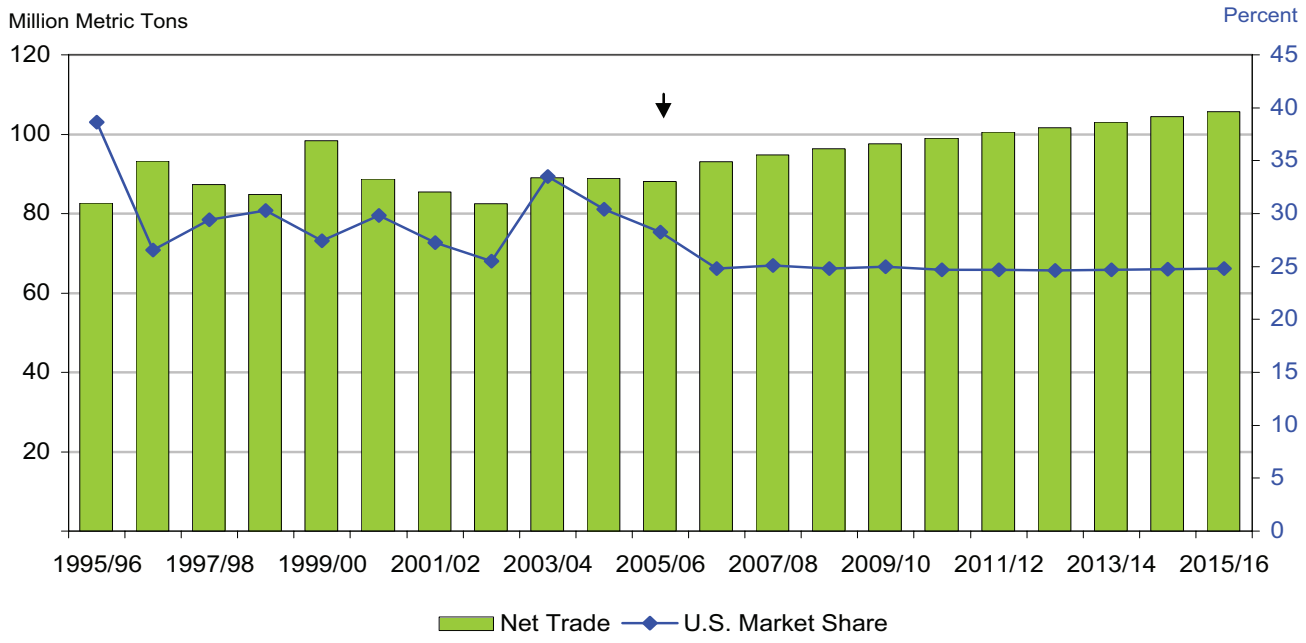
## World Wheat Stocks-to-Use Ratio Versus Price



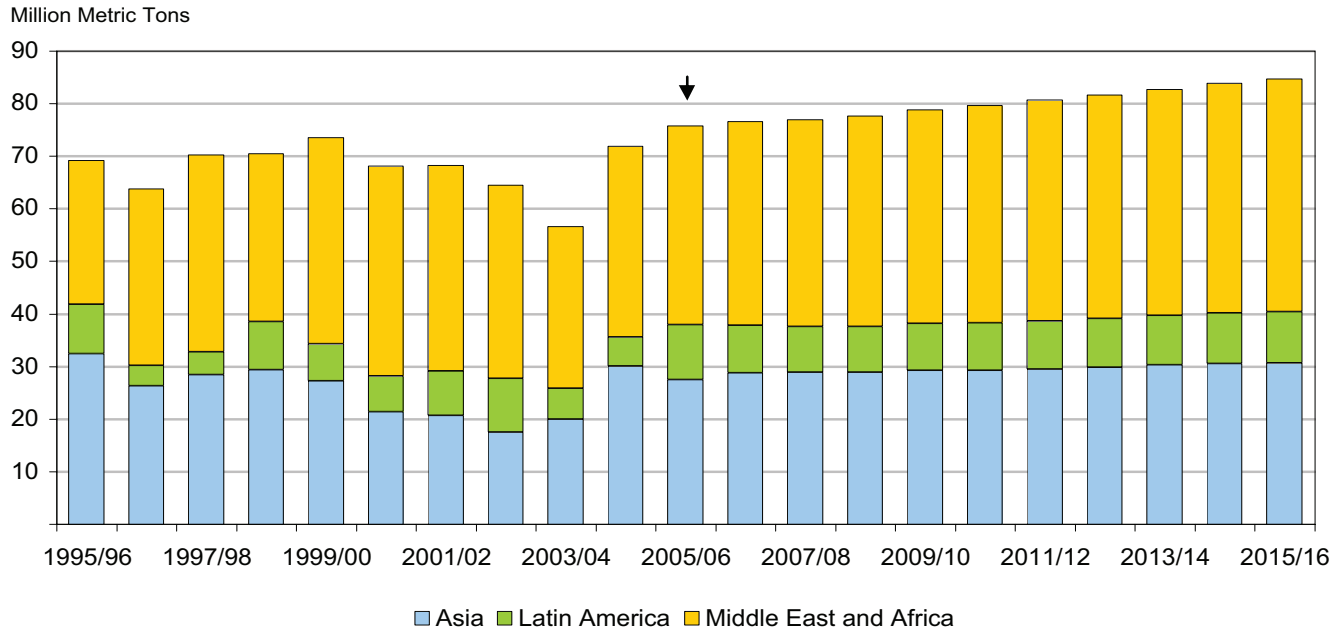

## World Wheat Area Harvested, Production, and Consumption



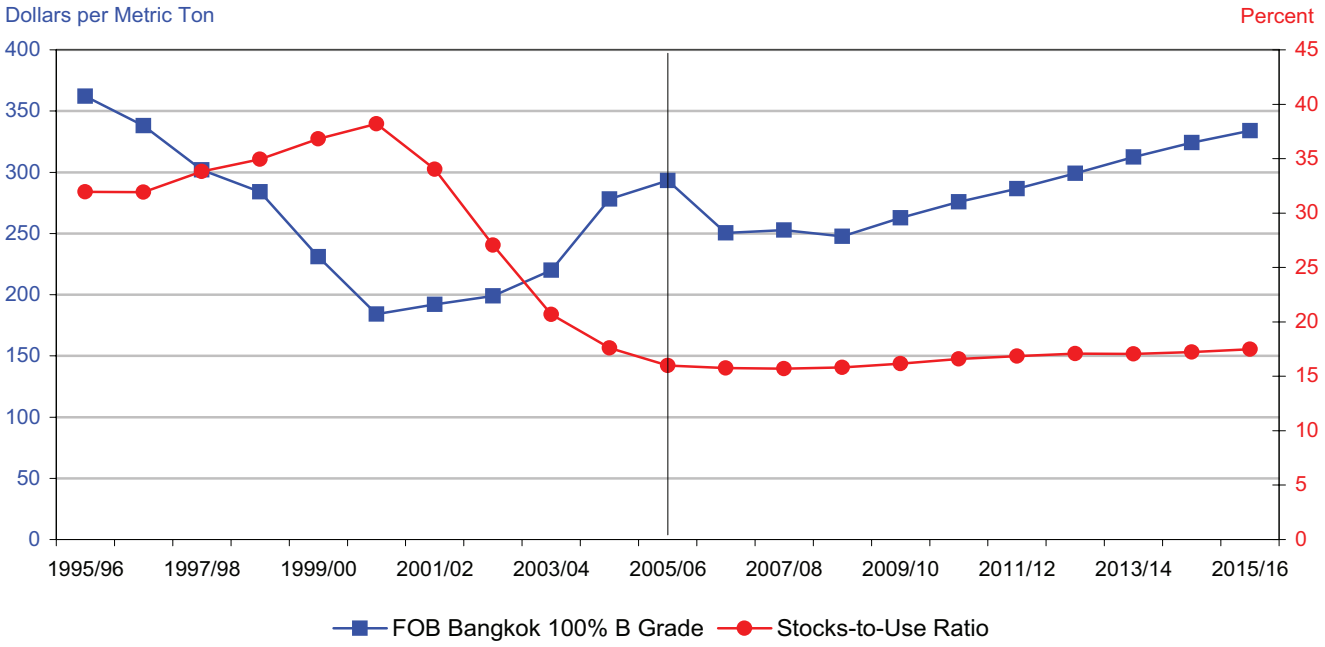
## World Wheat Net Trade and U.S. Market Share



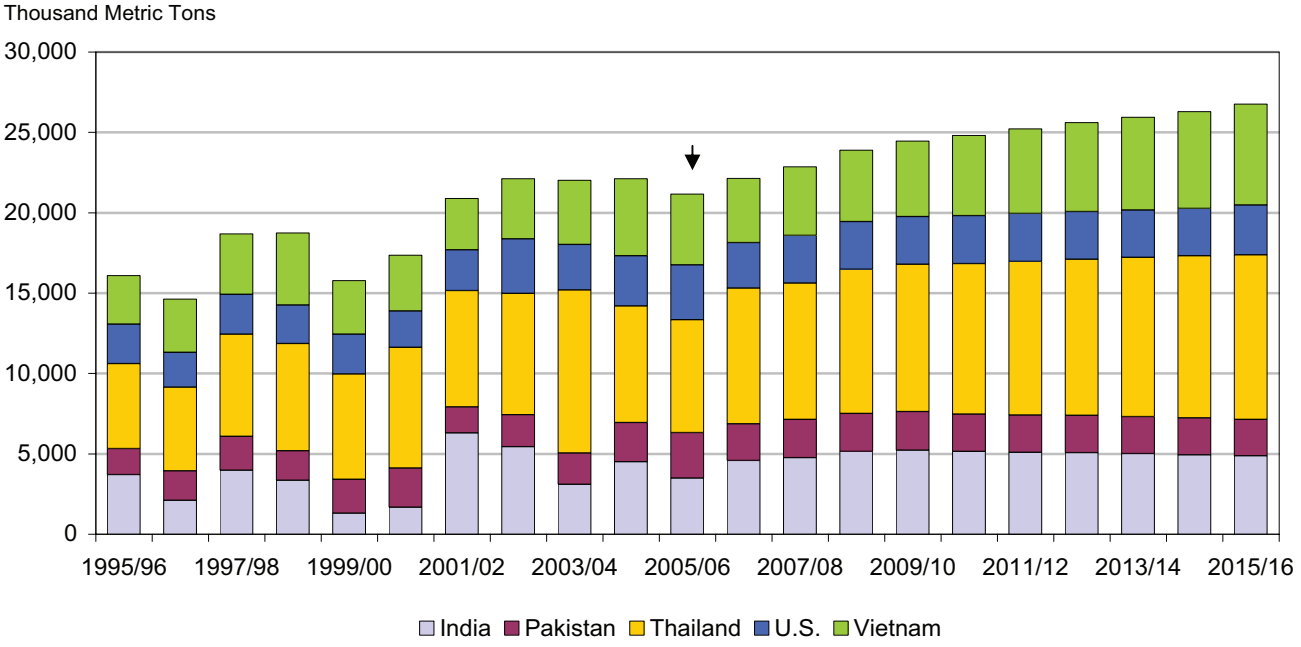

## Wheat Net Imports by Major Regions



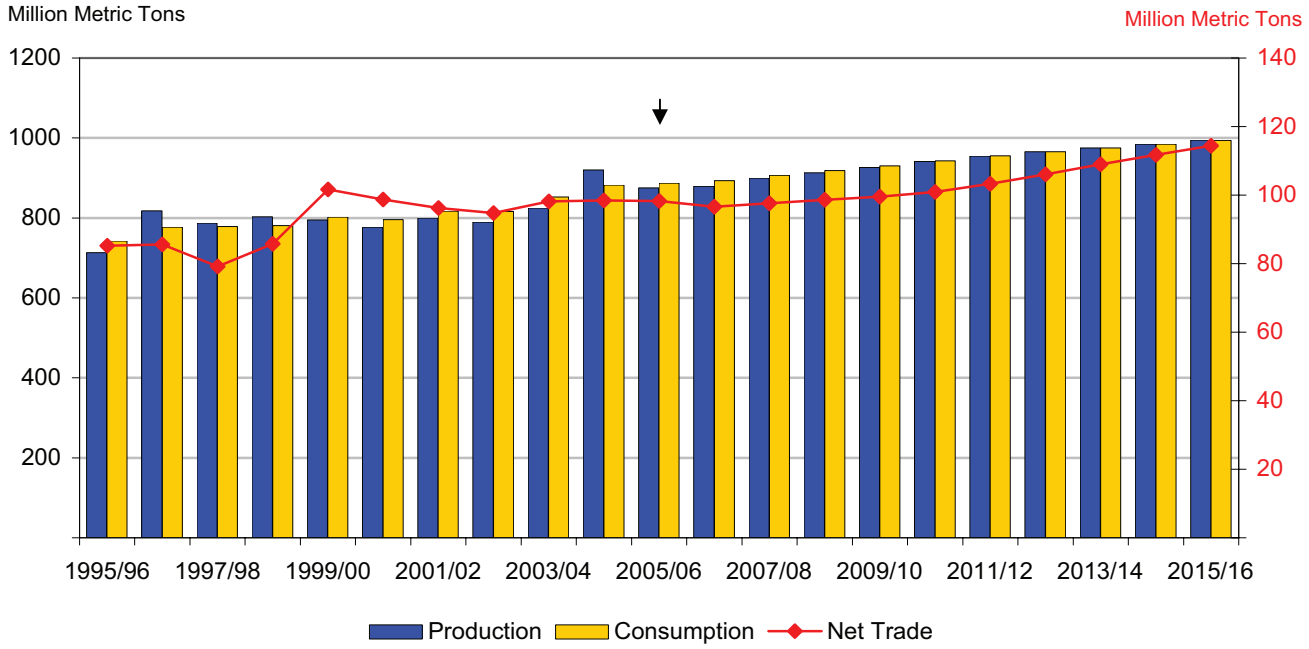
## World Rice Stocks-to-Use Ratio Versus Price



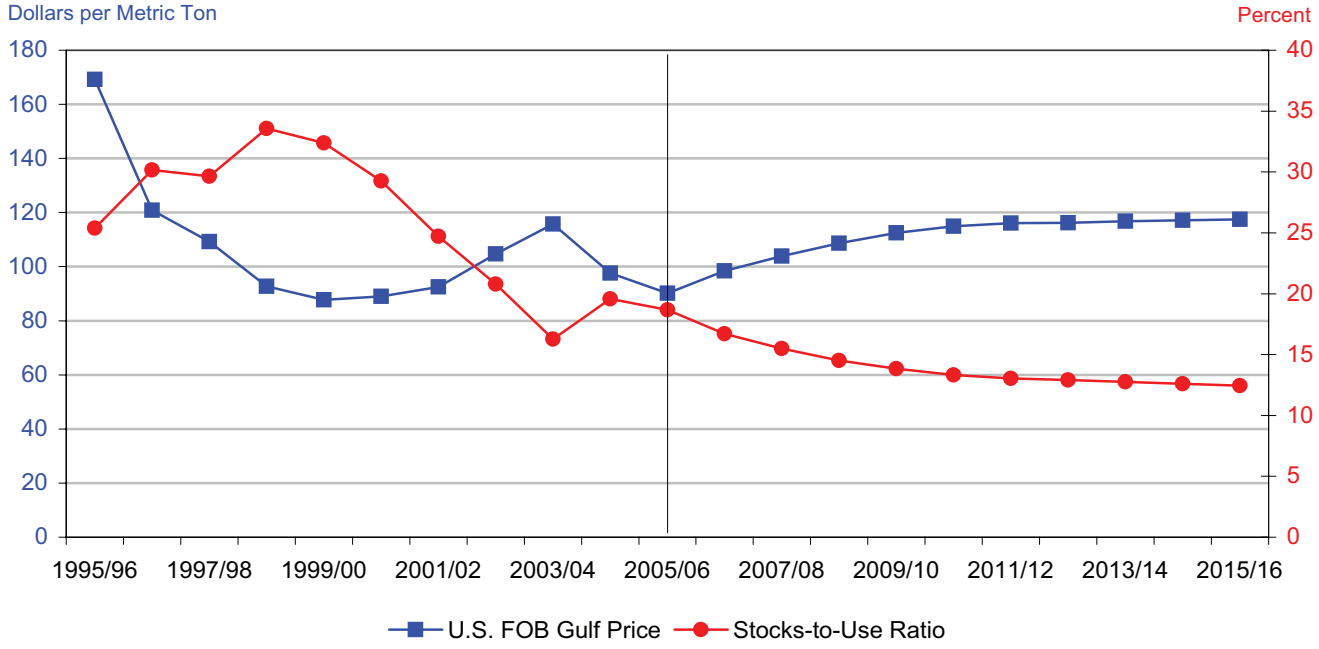

## World Rice Net Exports



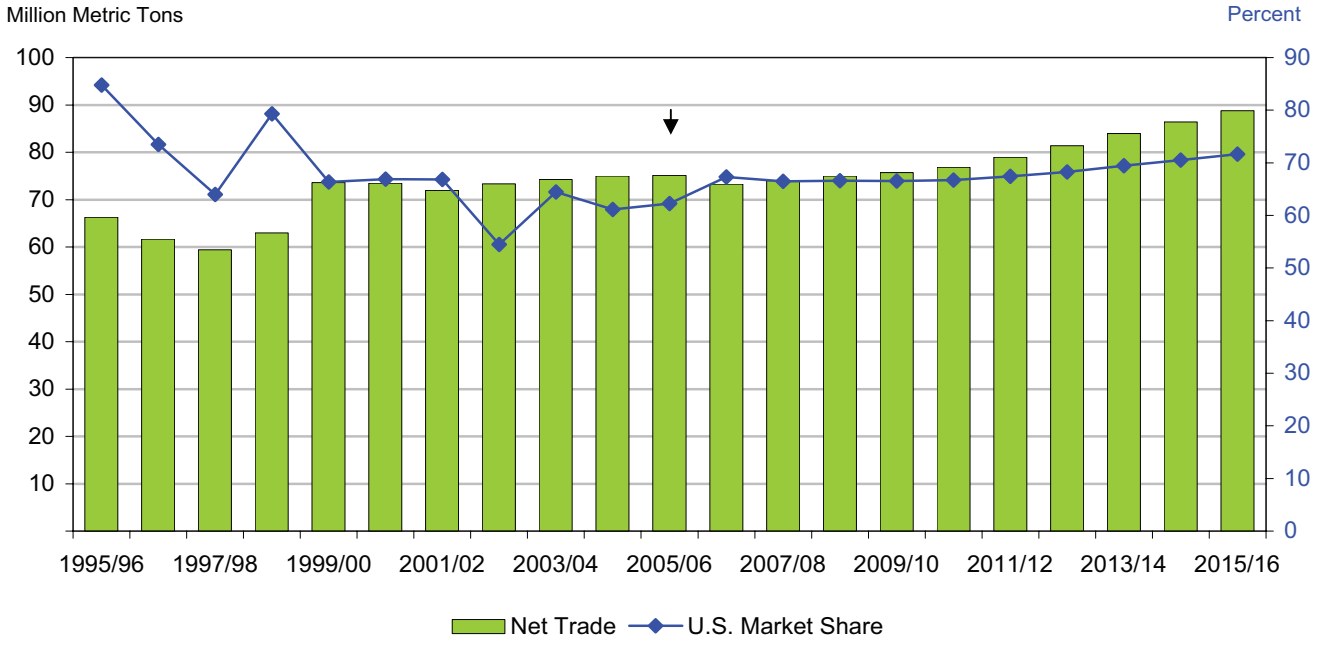
## World Coarse Grain Supply and Utilization



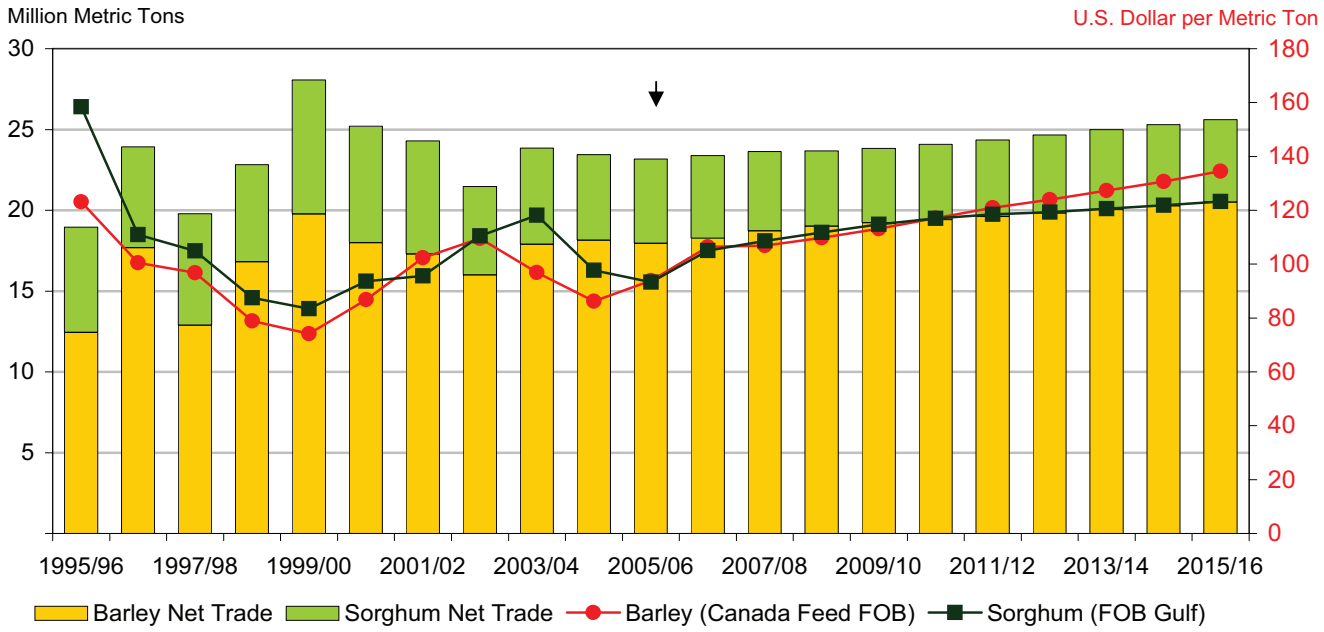

## World Corn Stocks-to-Use Ratio Versus Price



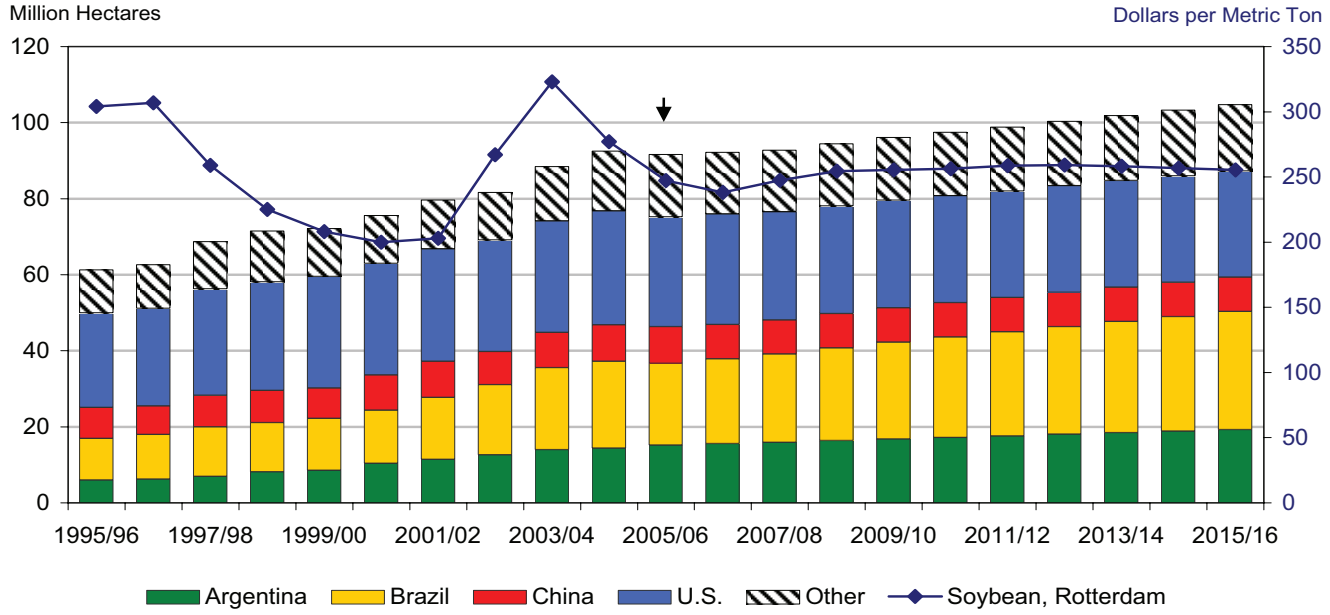
## World Corn Net Trade and U.S. Market Share



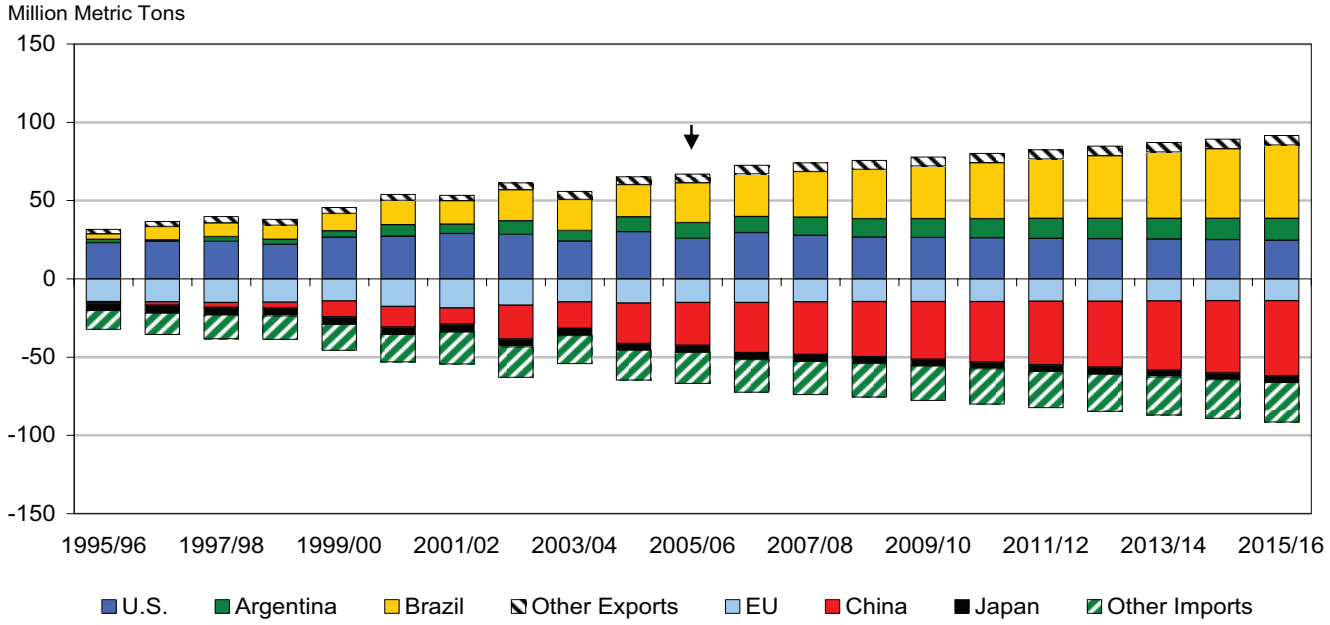

## World Barley and Sorghum Net Trade and Prices



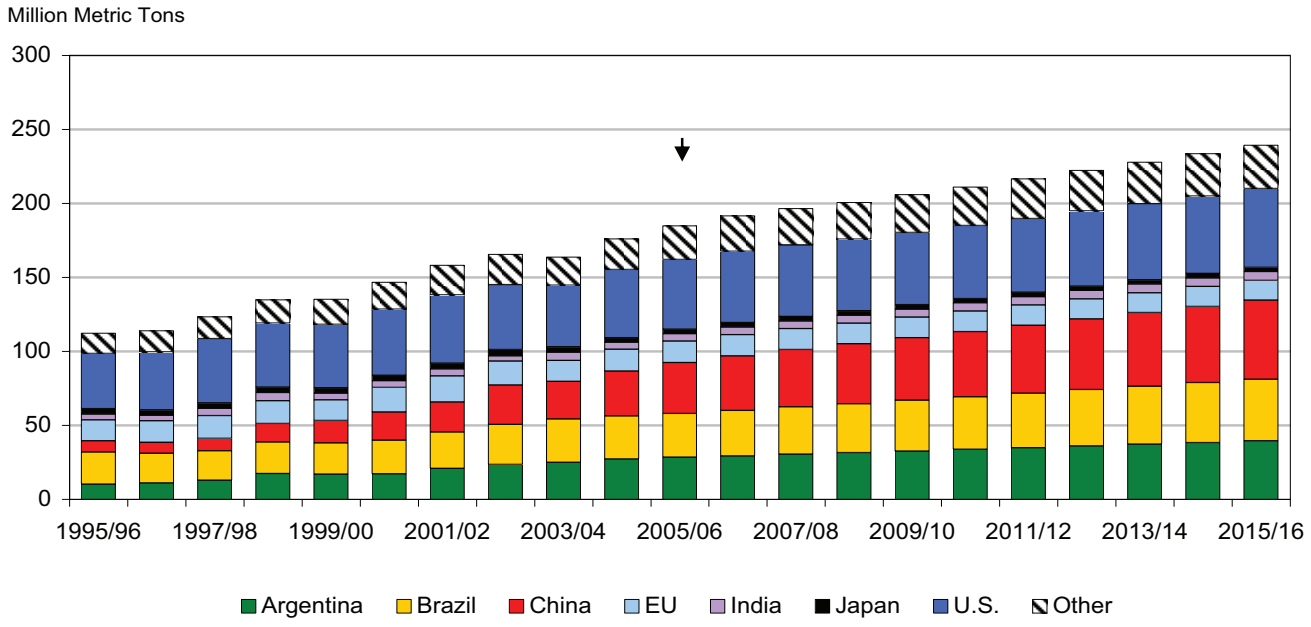
## World Soybean Area Harvested and Price



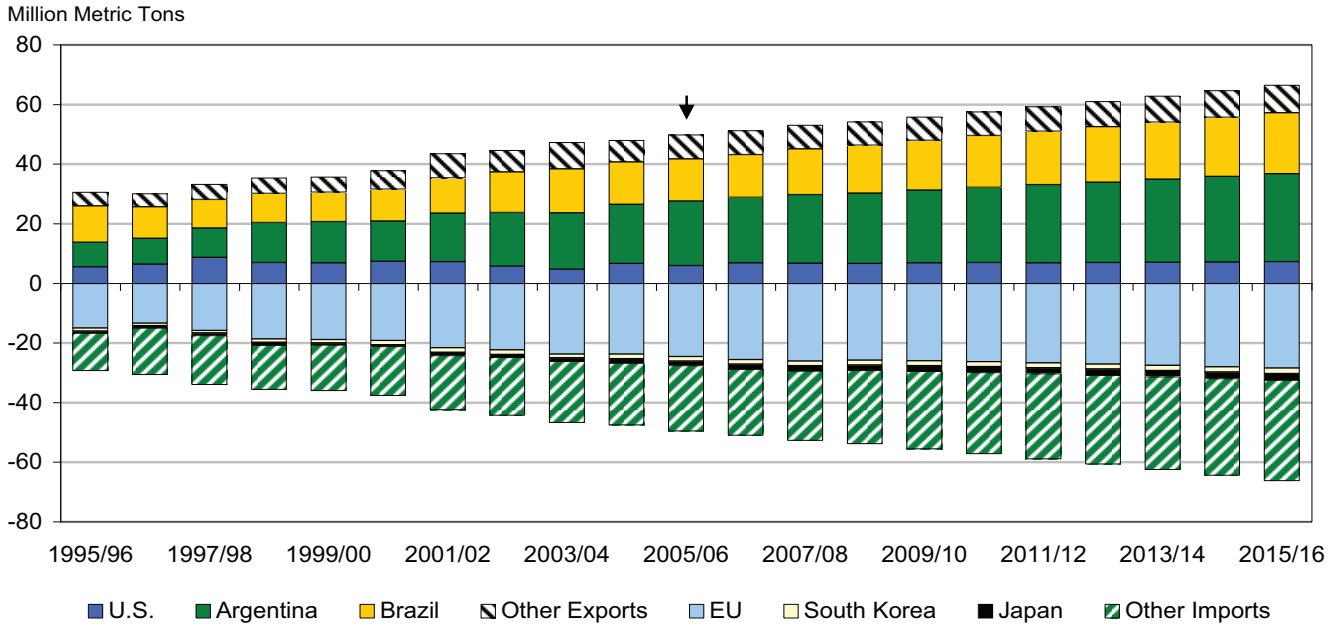

## World Soybean Trade



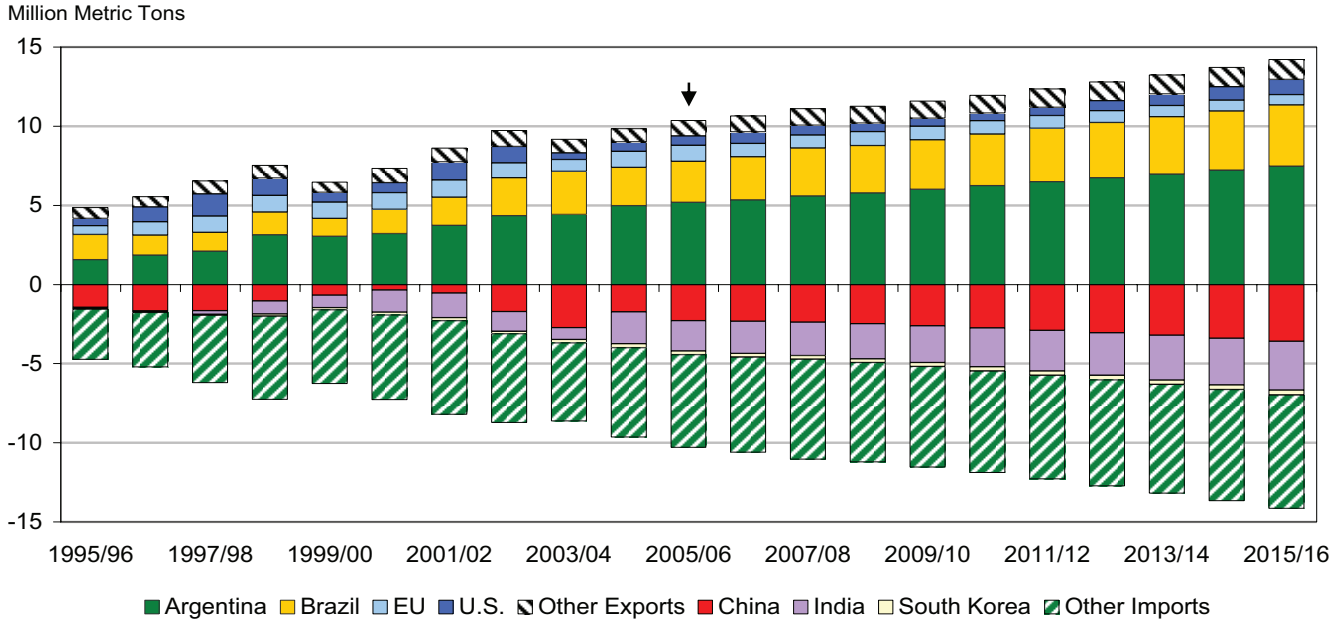
## World Soybean Crush



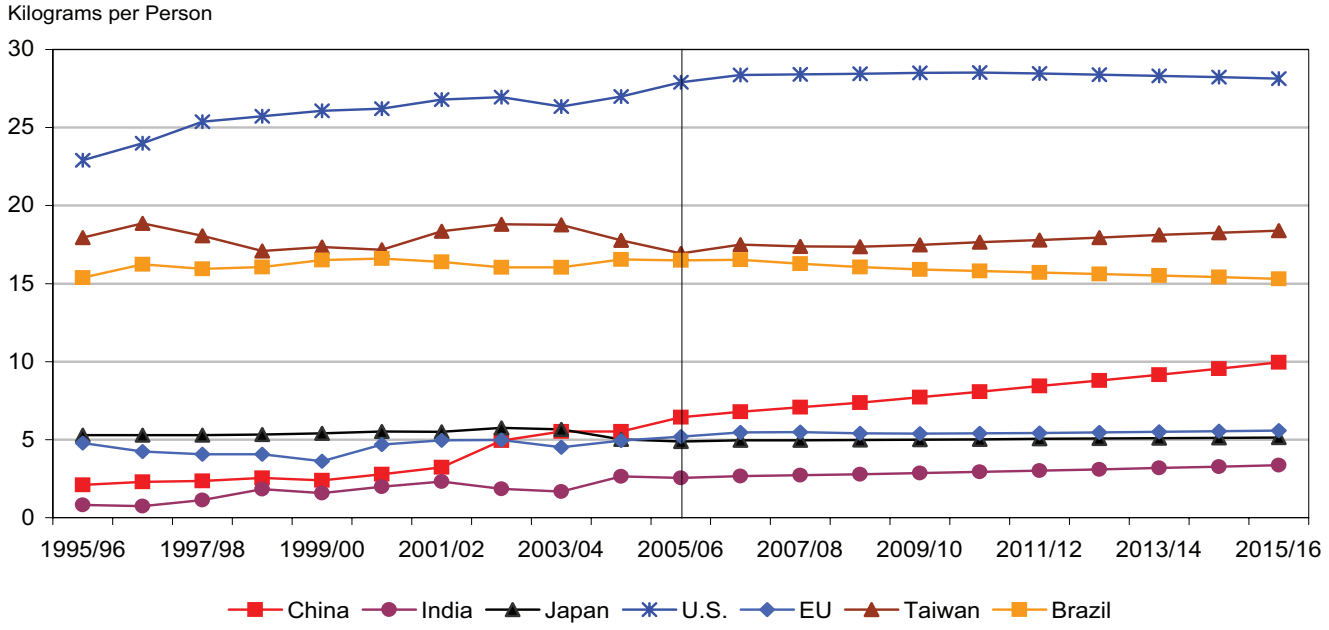

## World Soybean Meal Trade



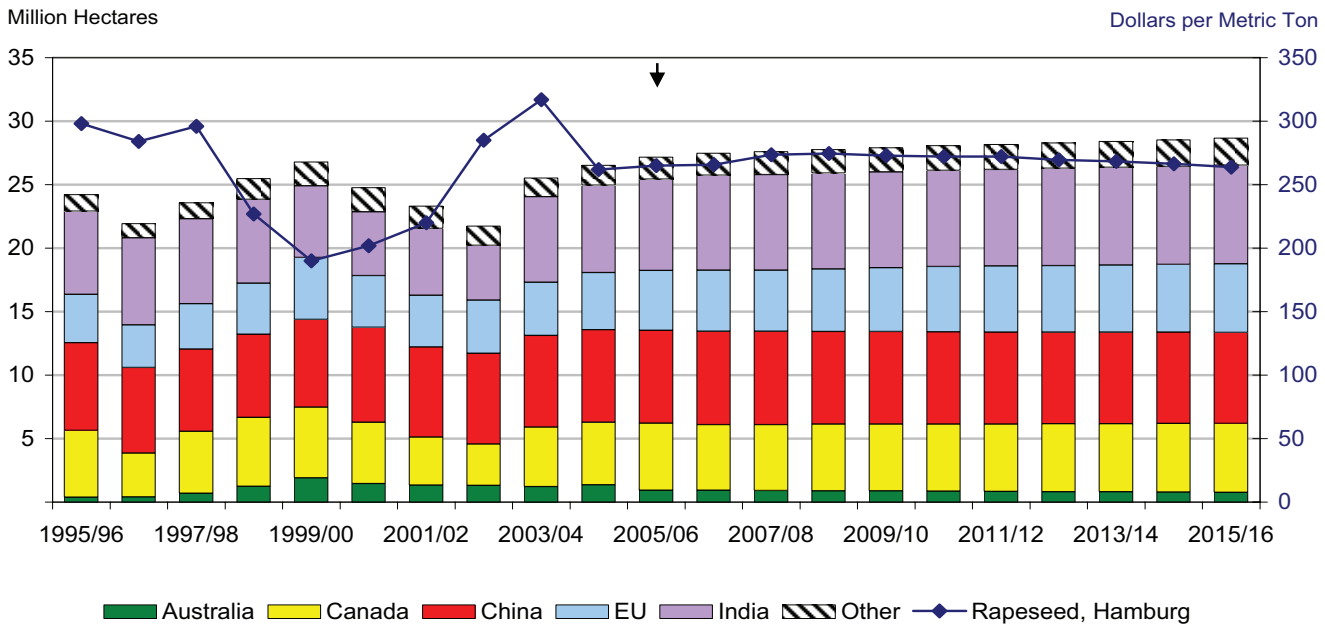
## World Soybean Oil Trade



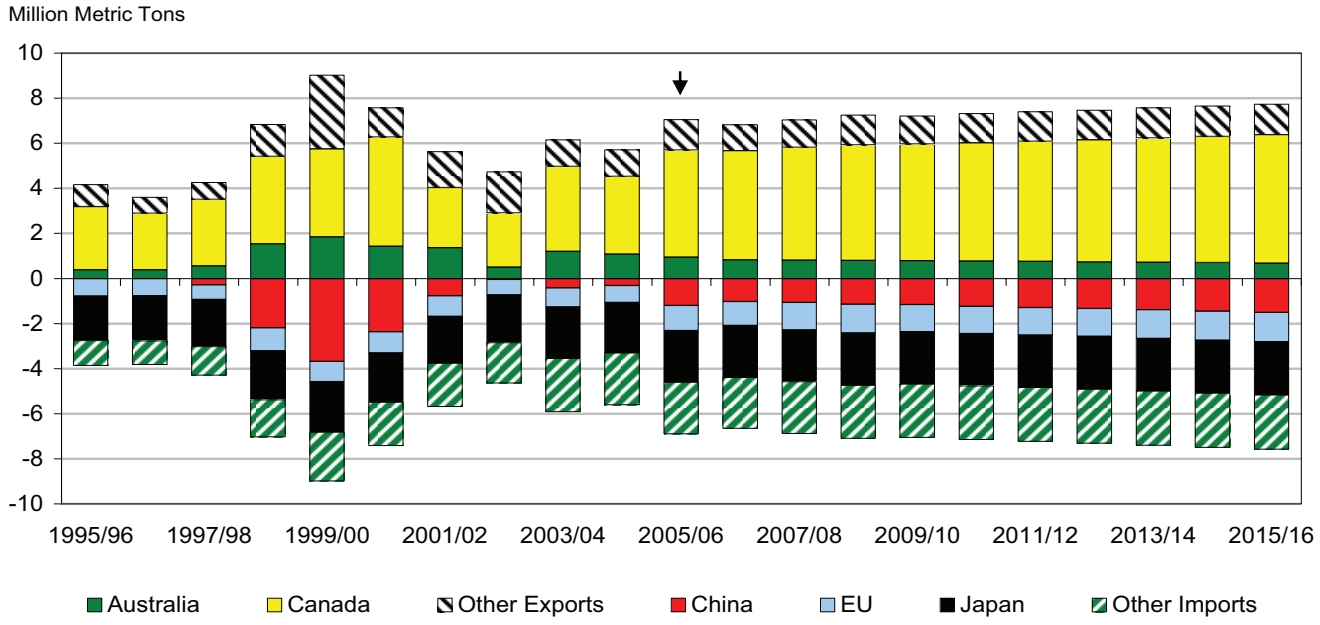

## Soybean Oil Per Capita Consumption in Selected Countries



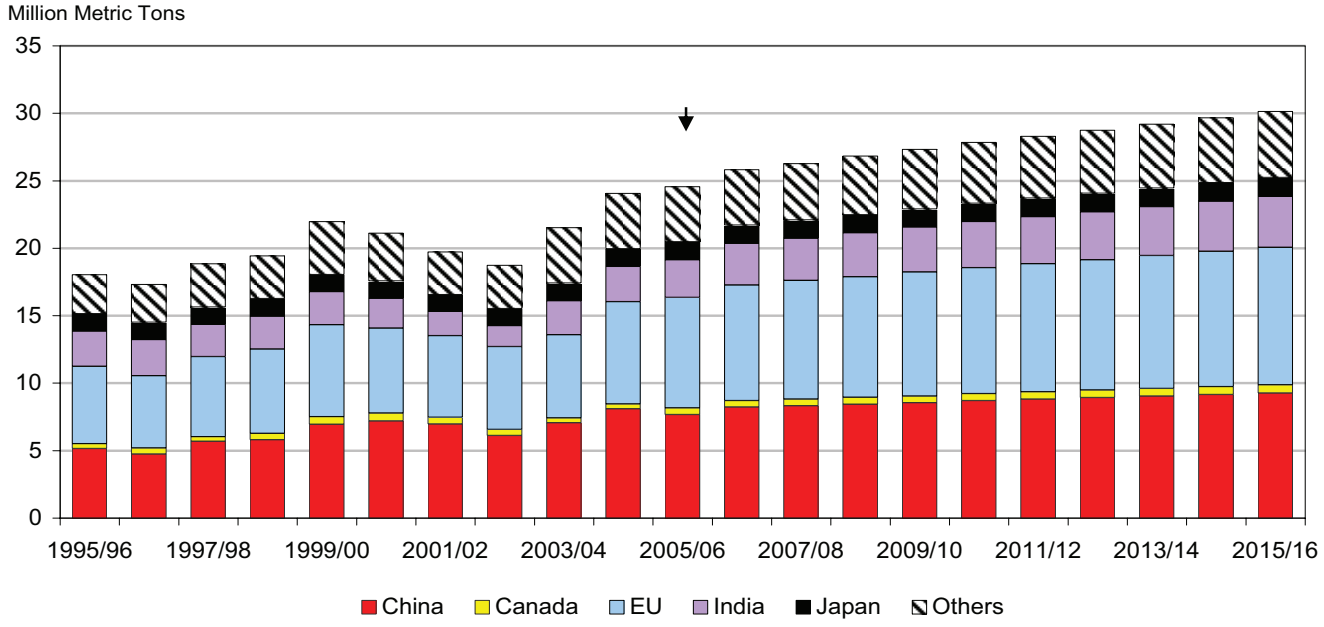
## World Rapeseed Area Harvested and Price



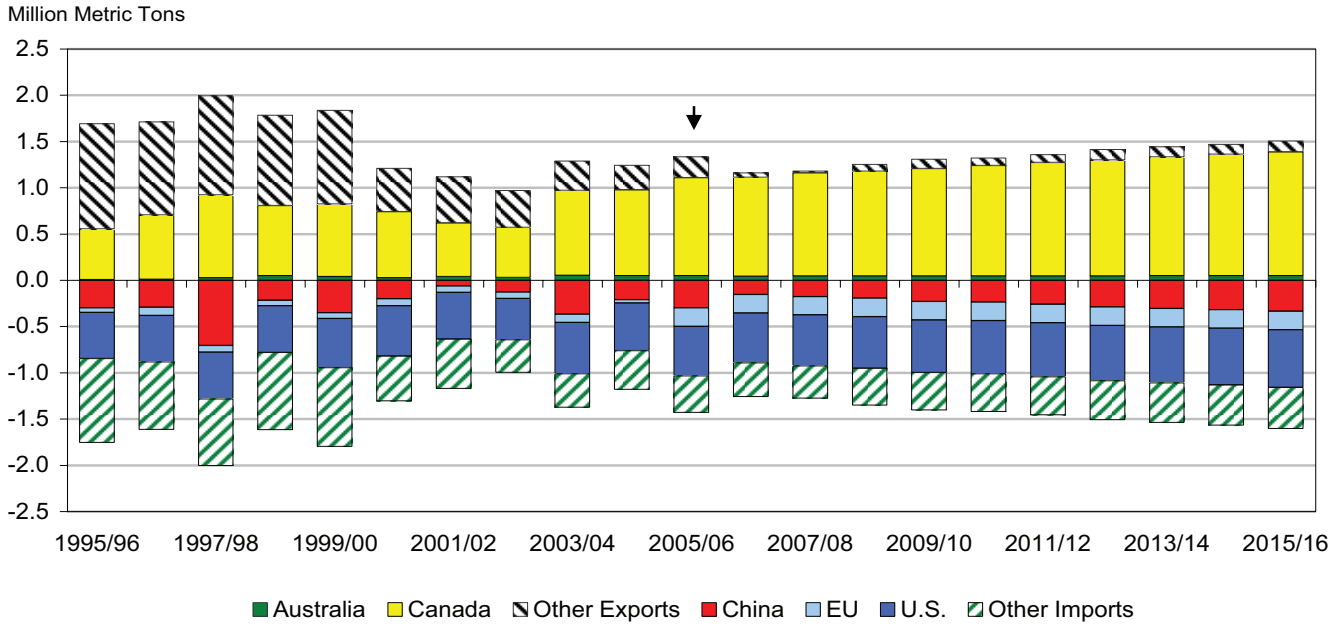

## World Rapeseed Trade



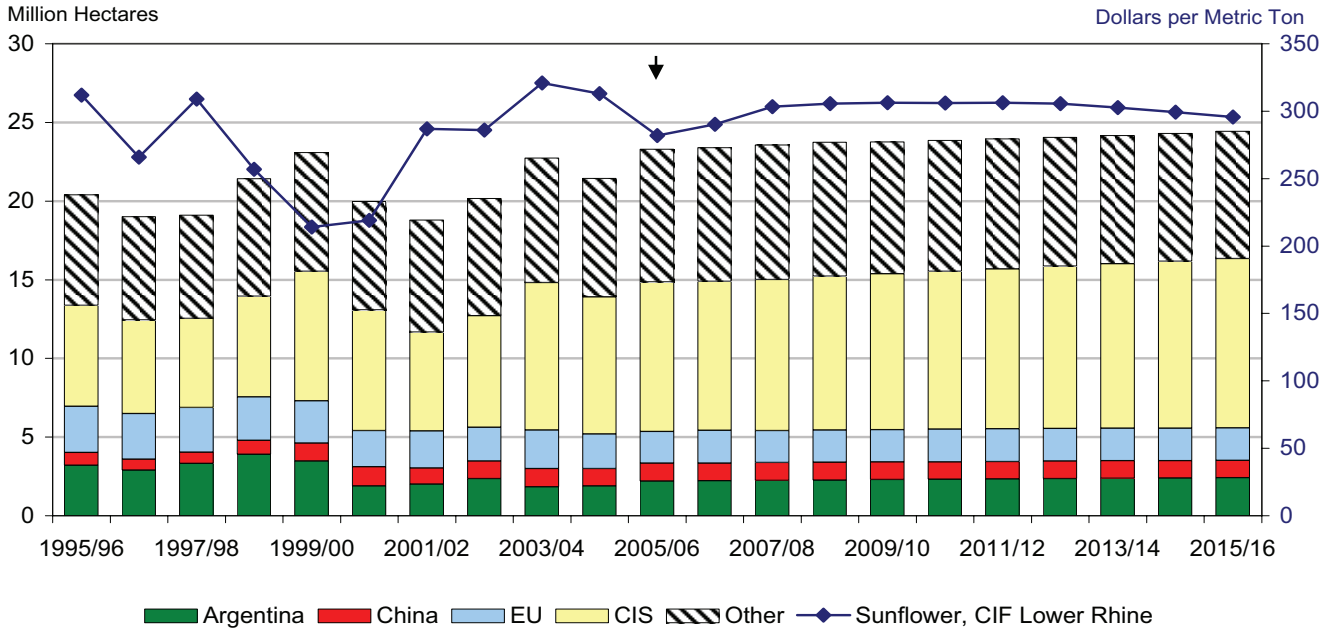
## World Rapeseed Meal Utilization



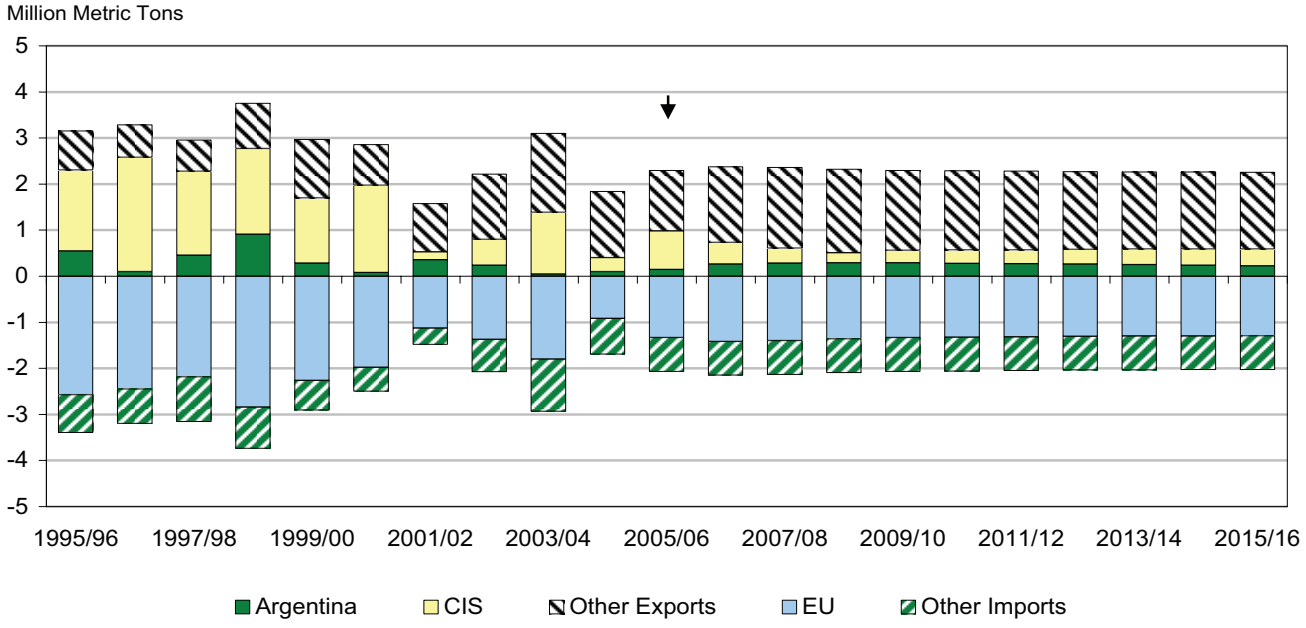

## World Rapeseed Oil Trade



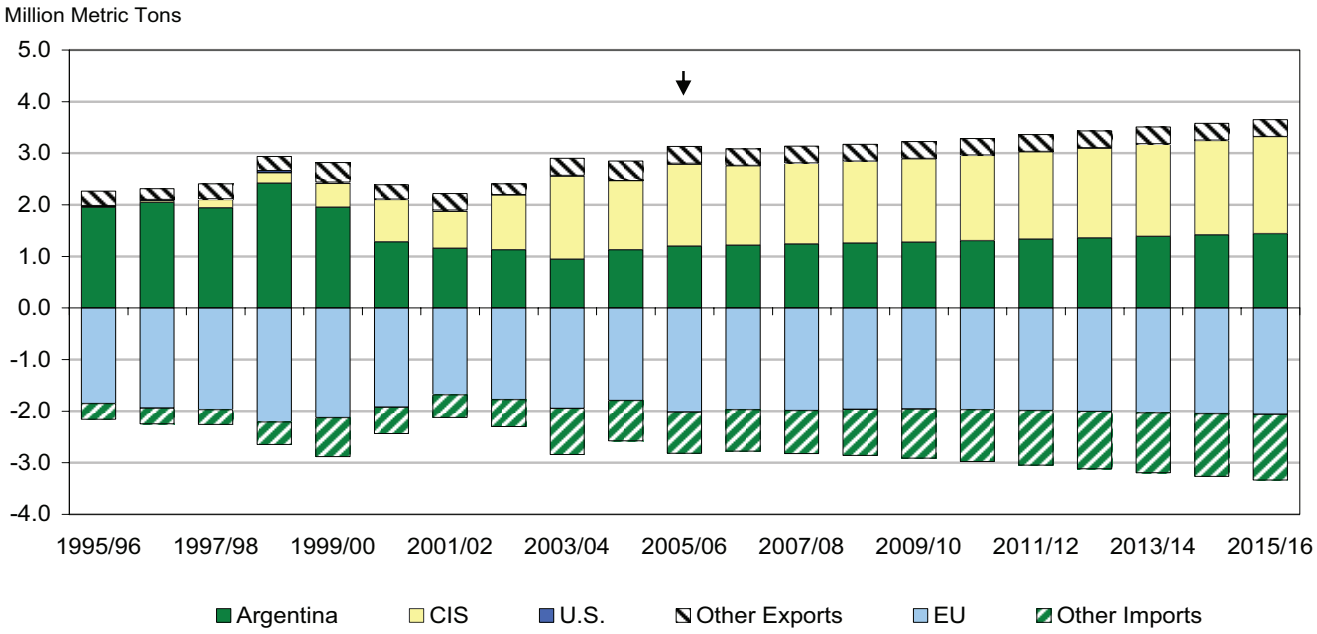
## World Sunflower Area Harvested and Price



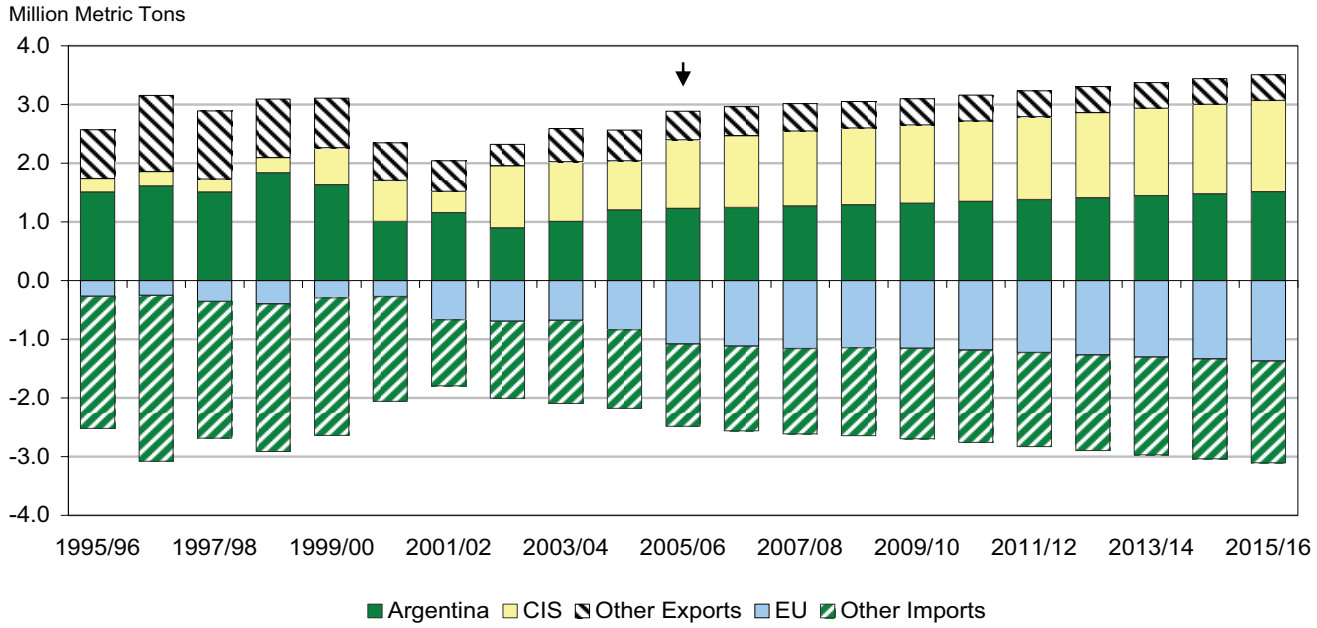

## World Sunflower Trade



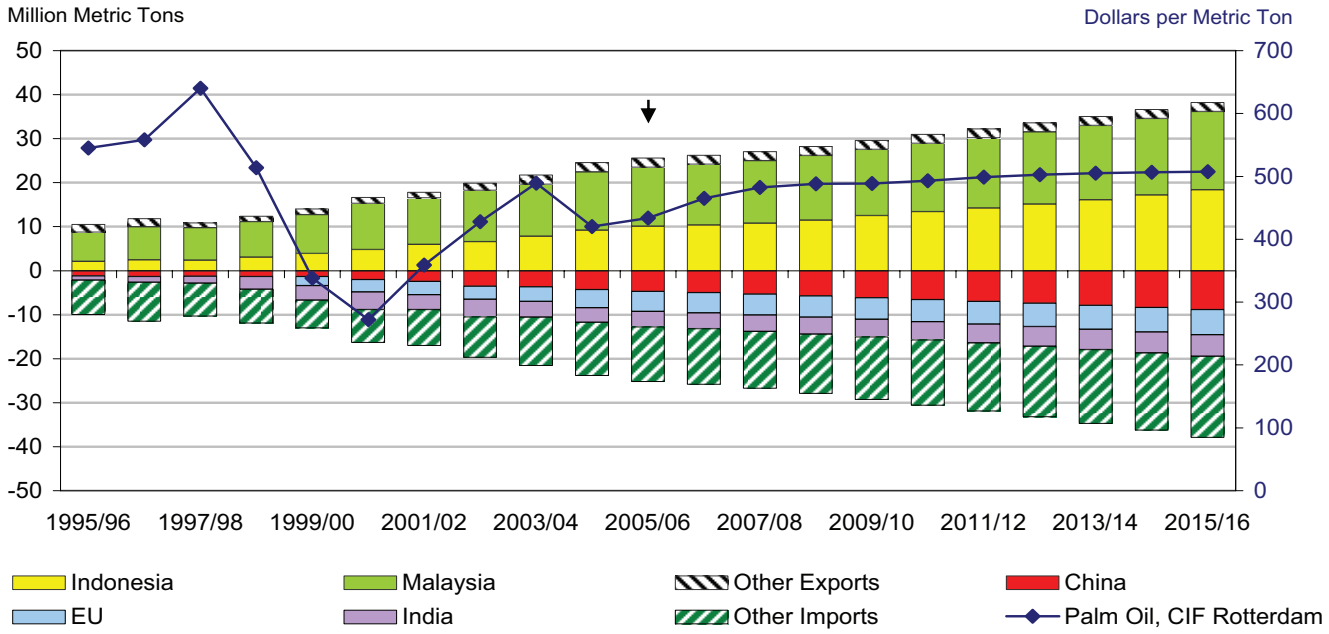
## World Sunflower Meal Trade



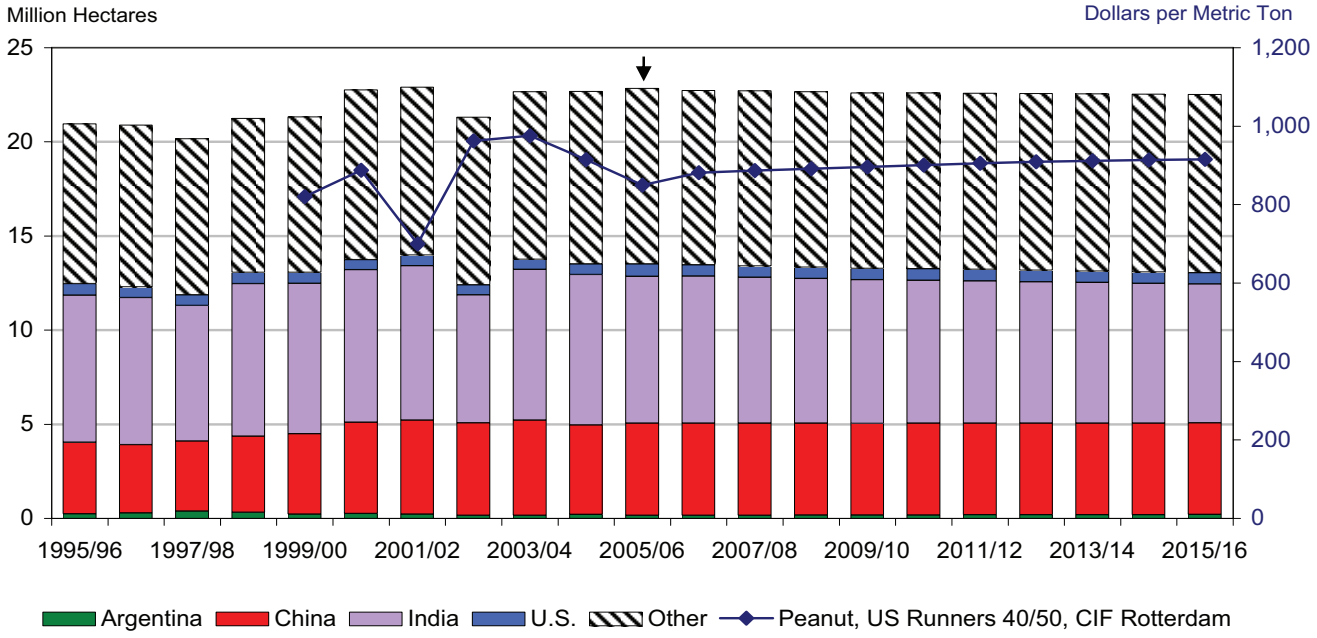

## World Sunflower Oil Trade



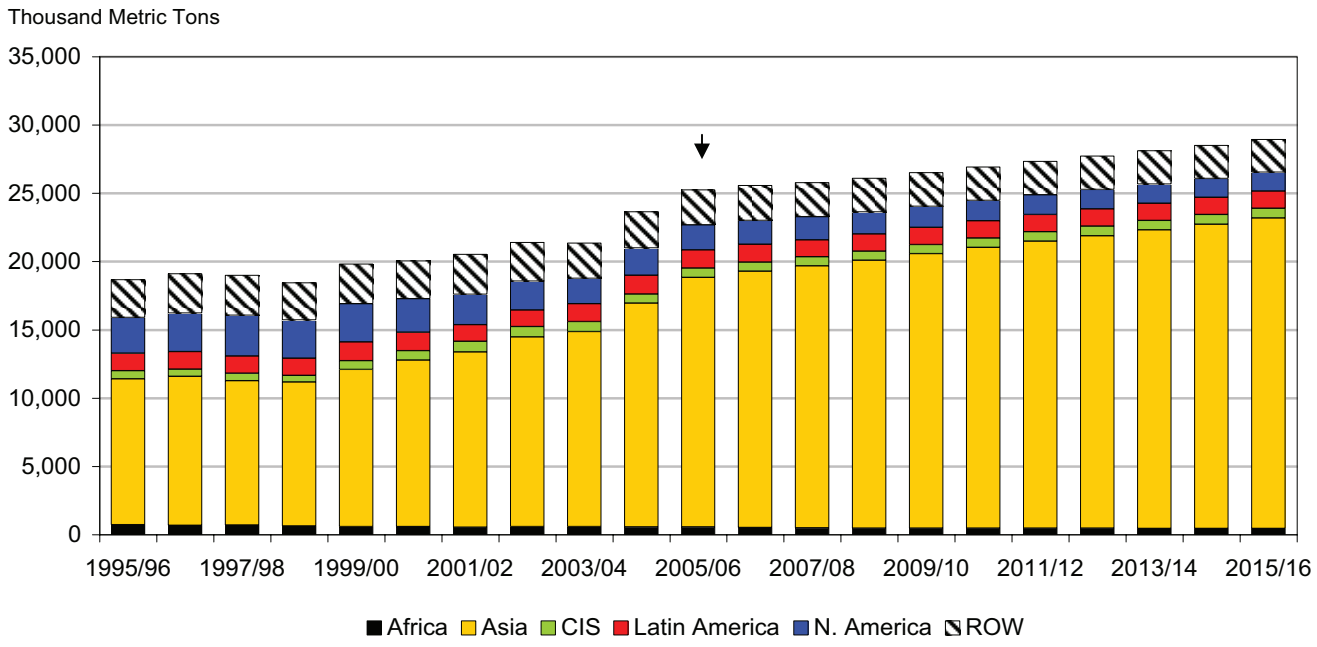
## World Palm Oil Trade and Price



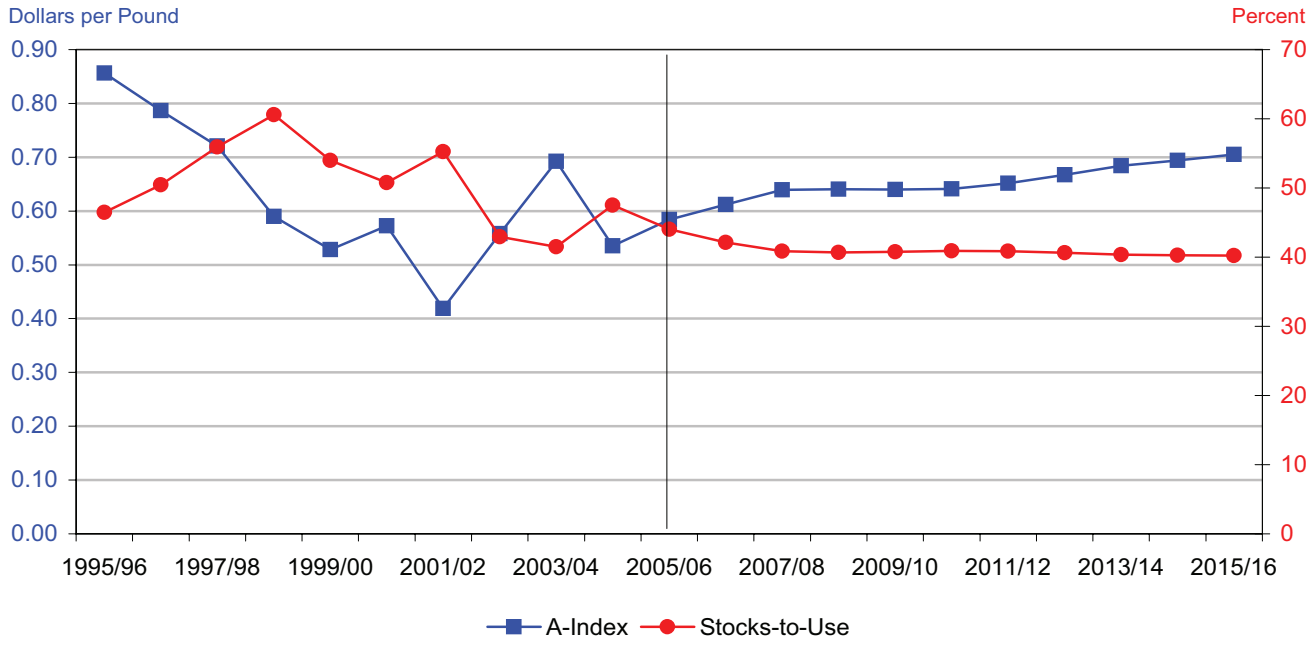

## World Peanut Area Harvested and Price



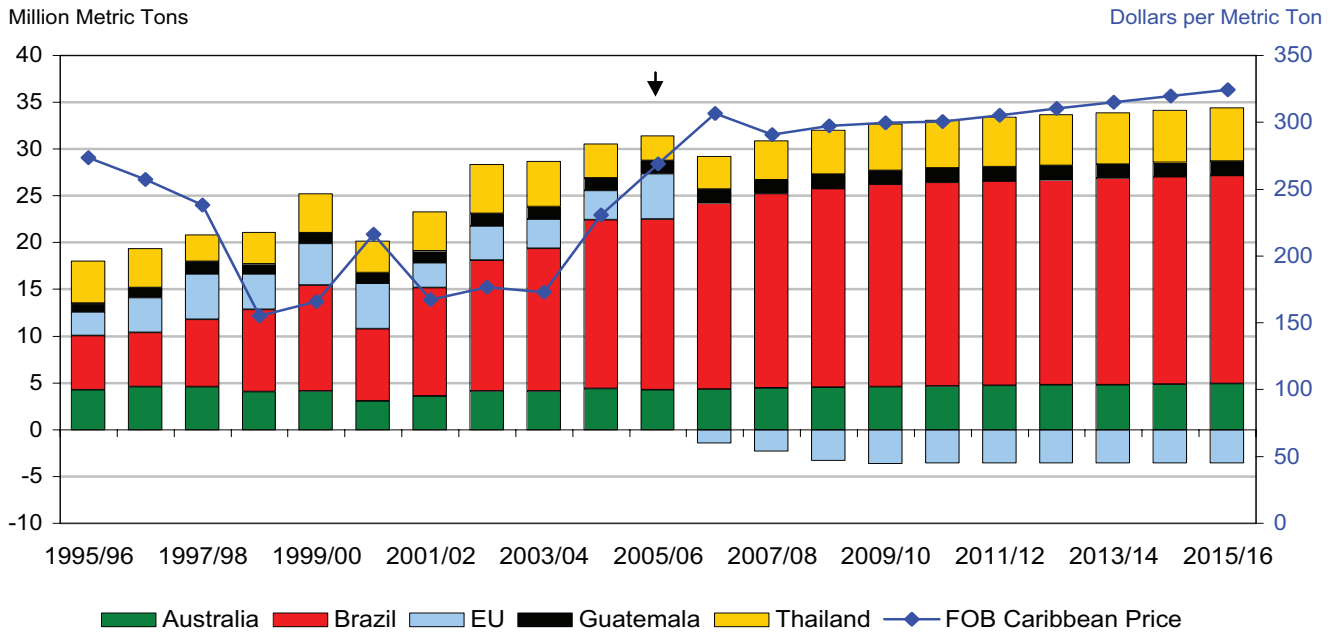
## World Cotton Consumption



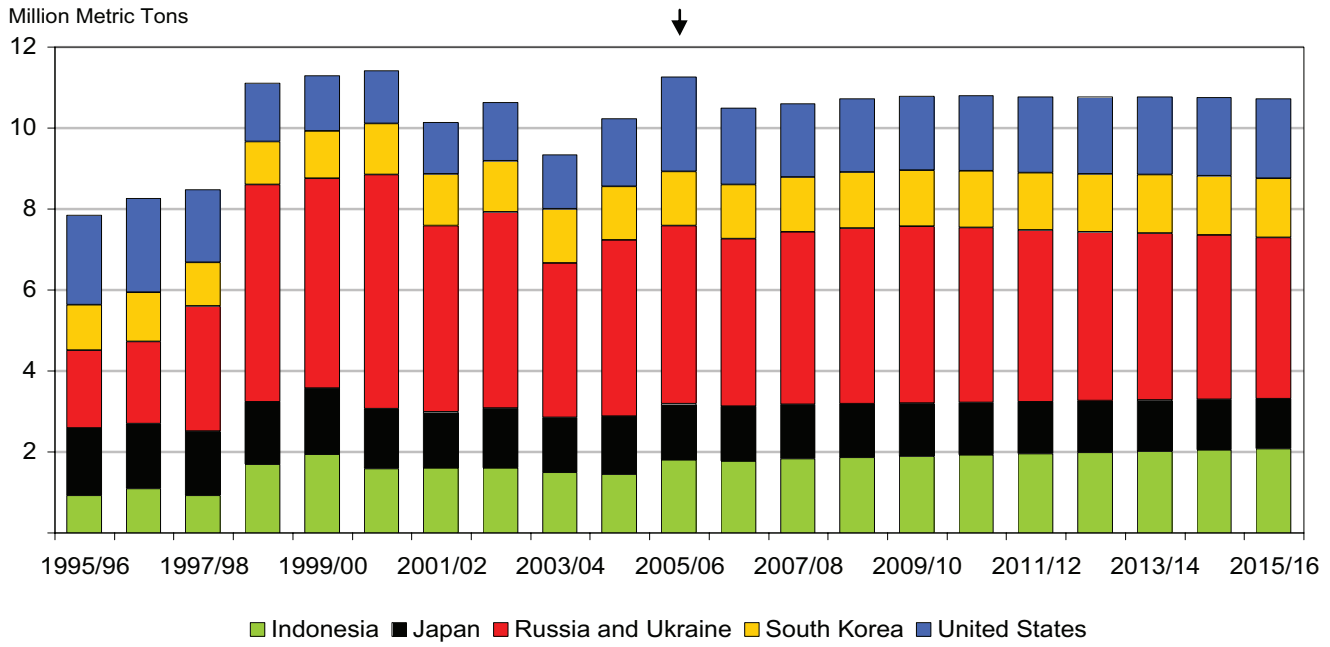

## World Cotton Stocks-to-Use Ratio Versus Price



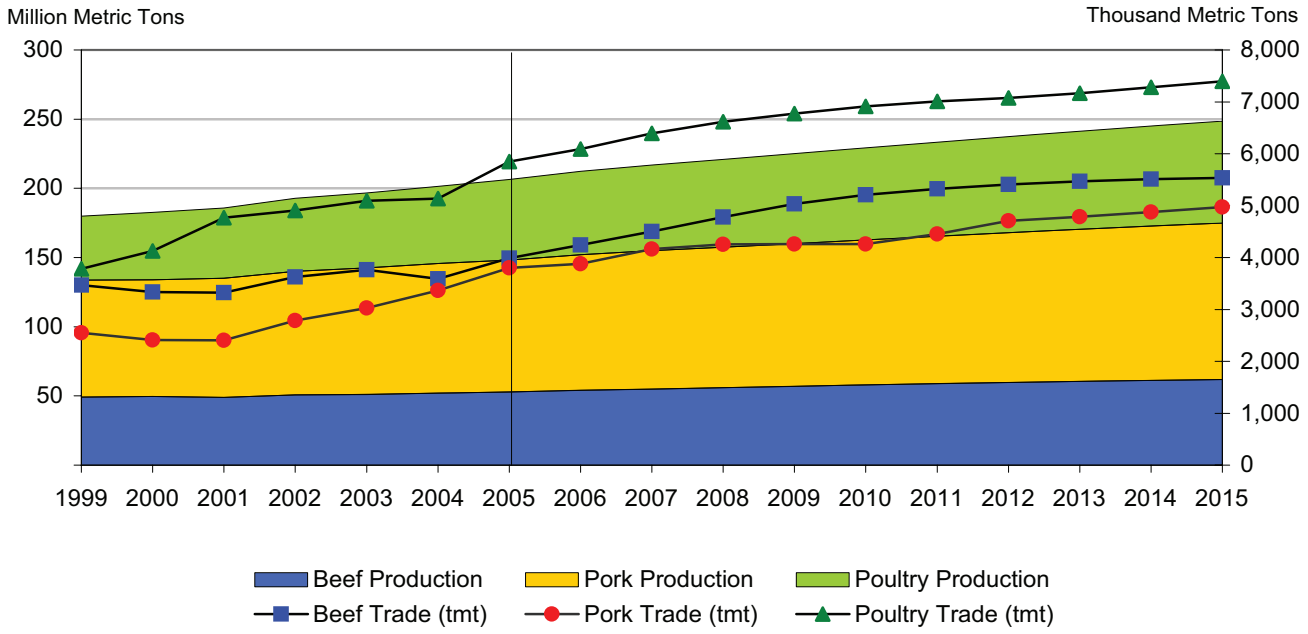
## Major Sugar Net Exporters and World Raw Sugar Price



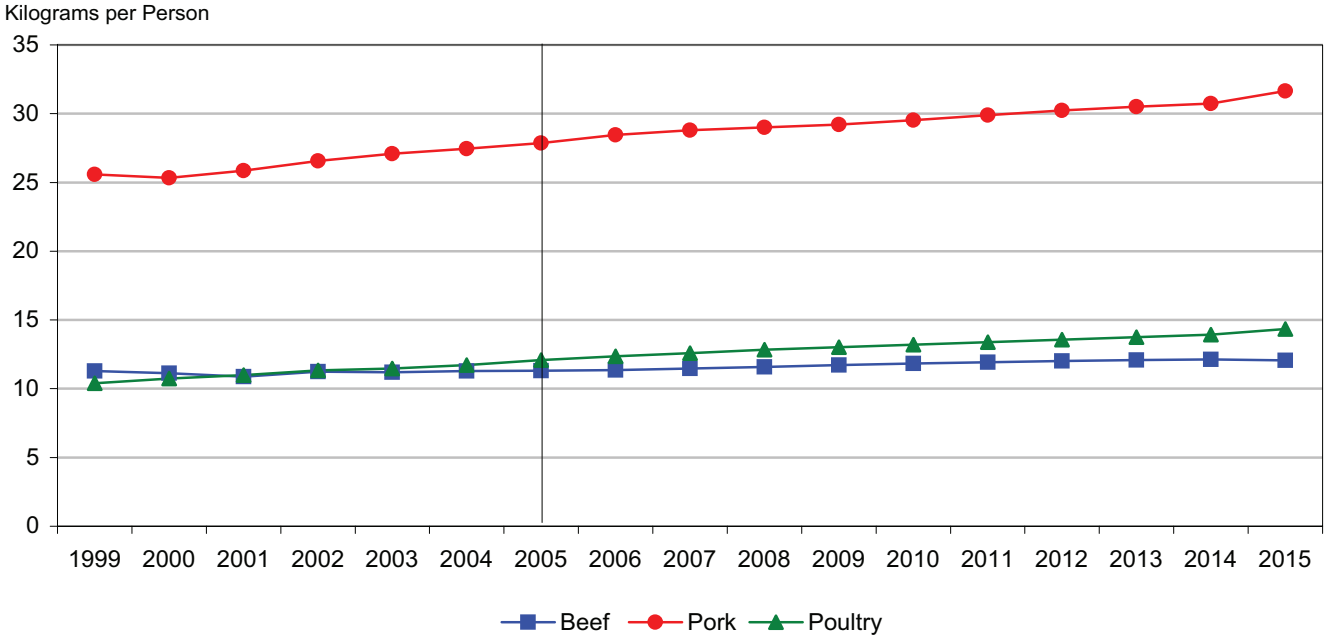

## Major Sugar Net Importers



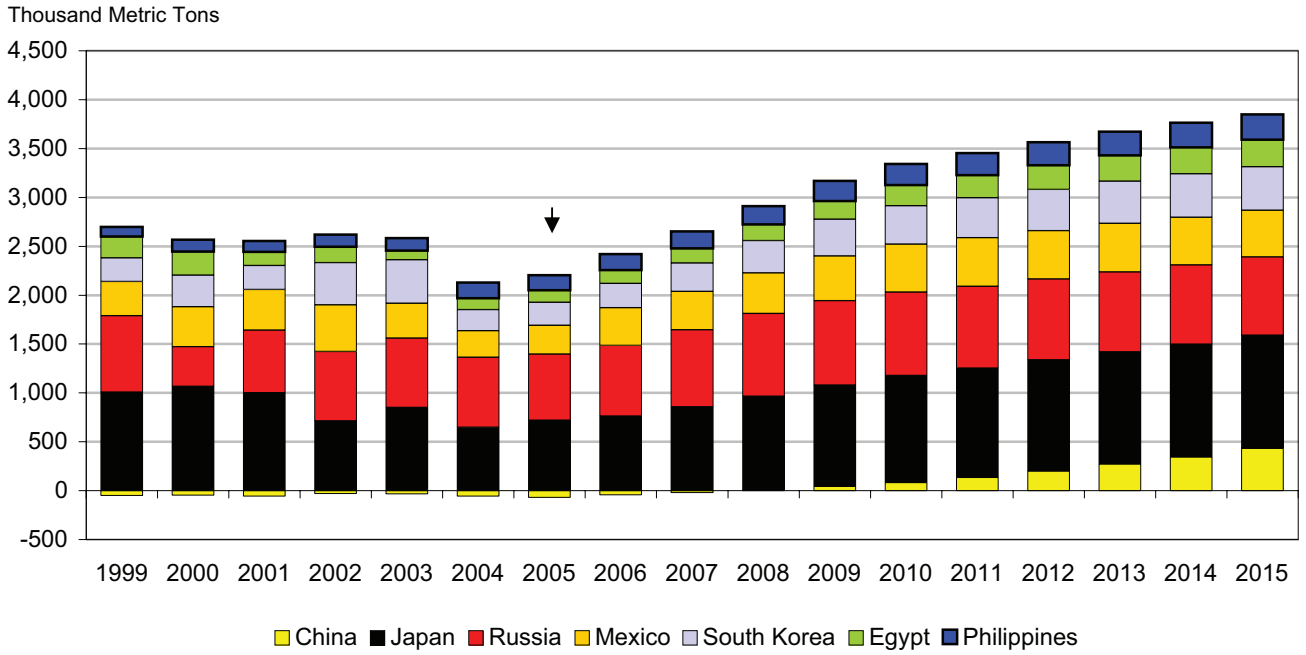
## World Meat Production and Trade



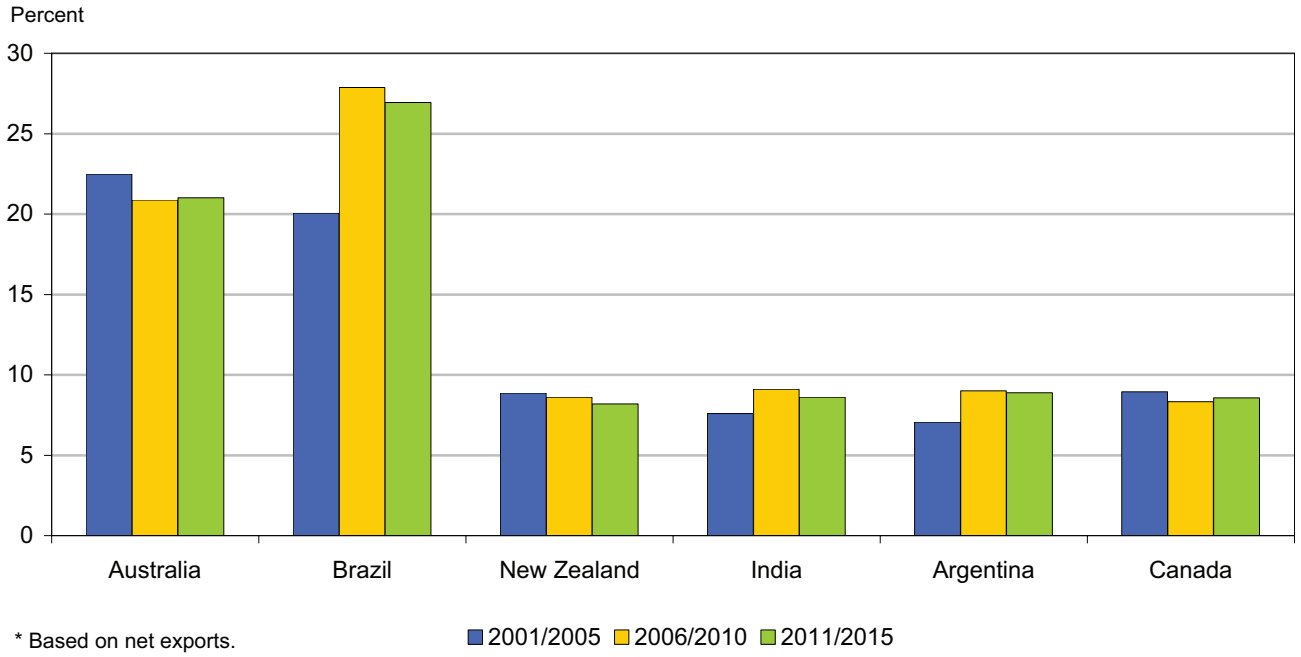

## Per Capita Meat Consumption



## Major Beef Importing Countries

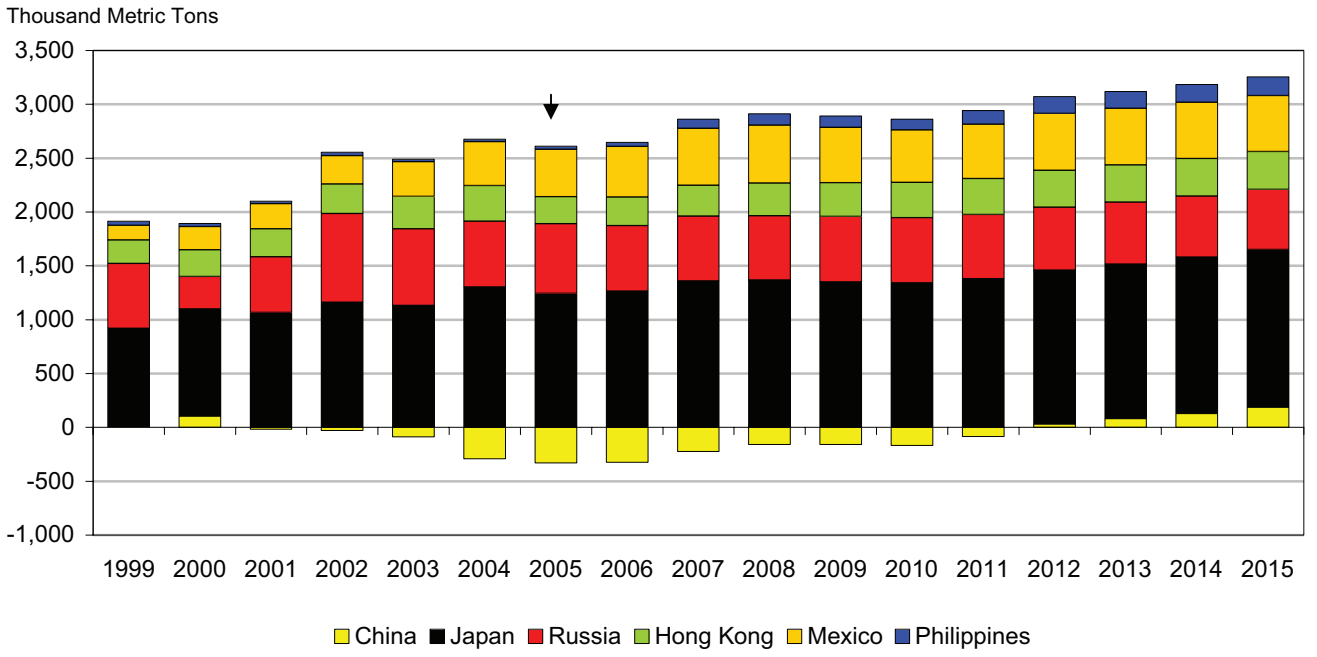



## Beef Export Market Share*

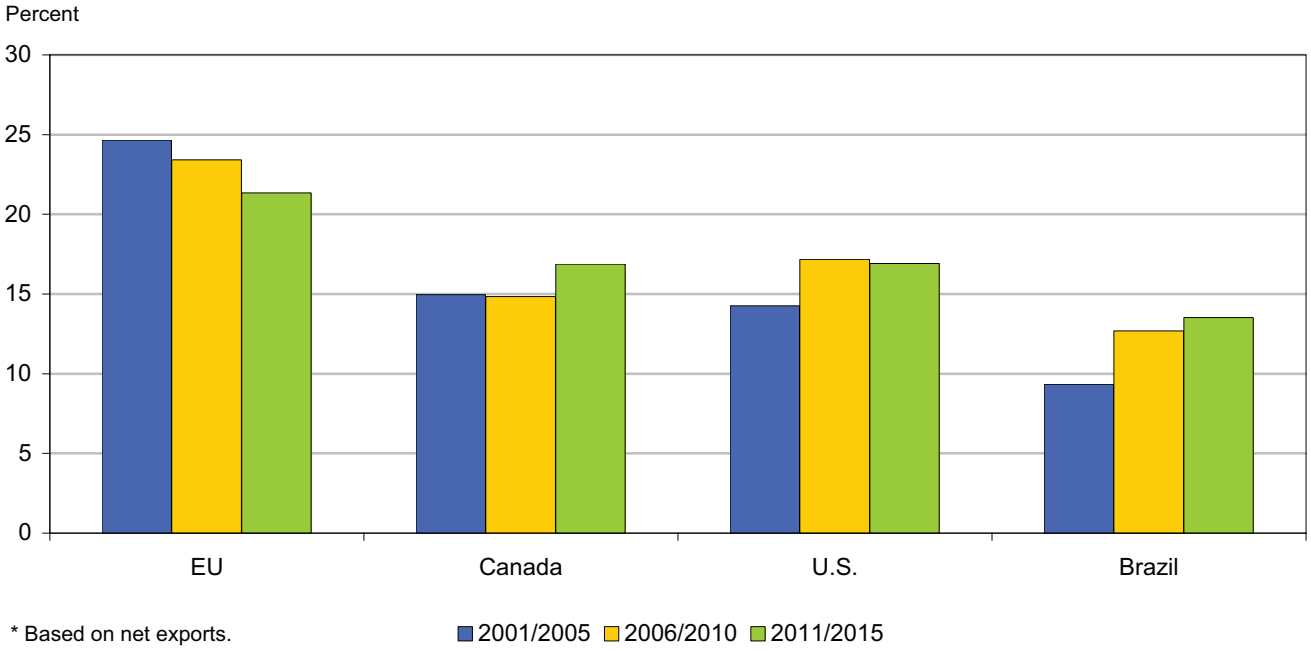



* Based on net exports.

## Major Pork Importing Countries

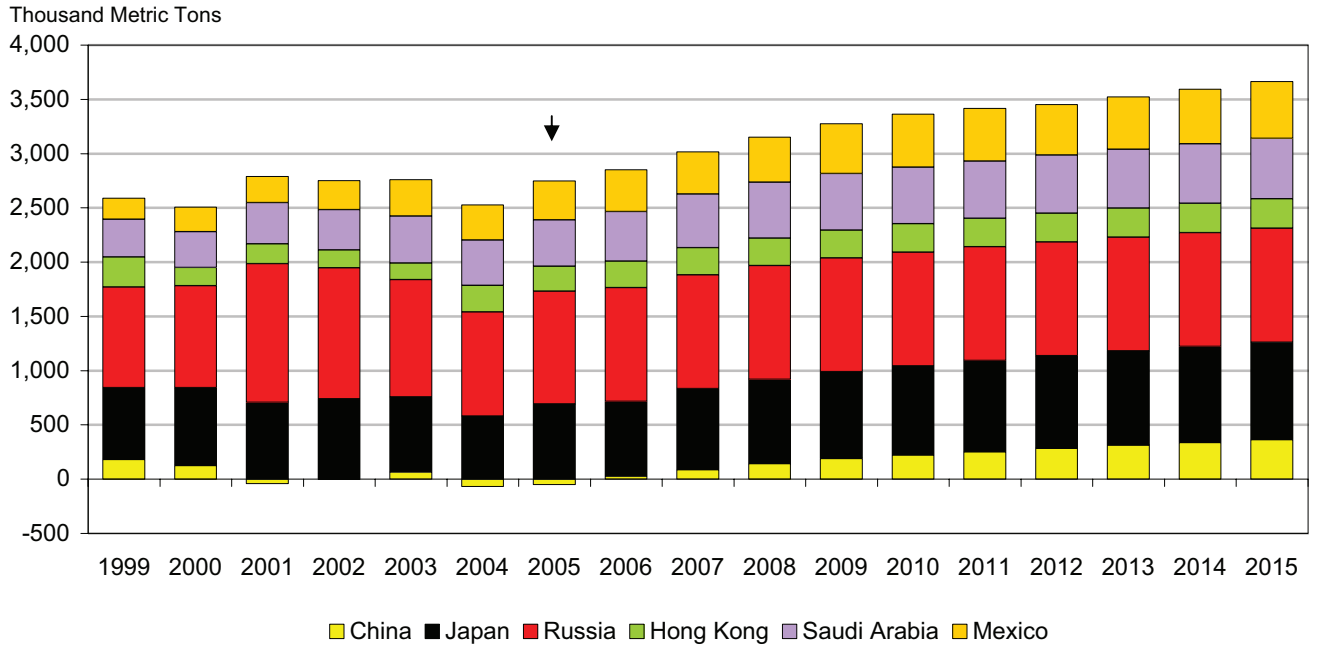



## Pork Export Market Share*

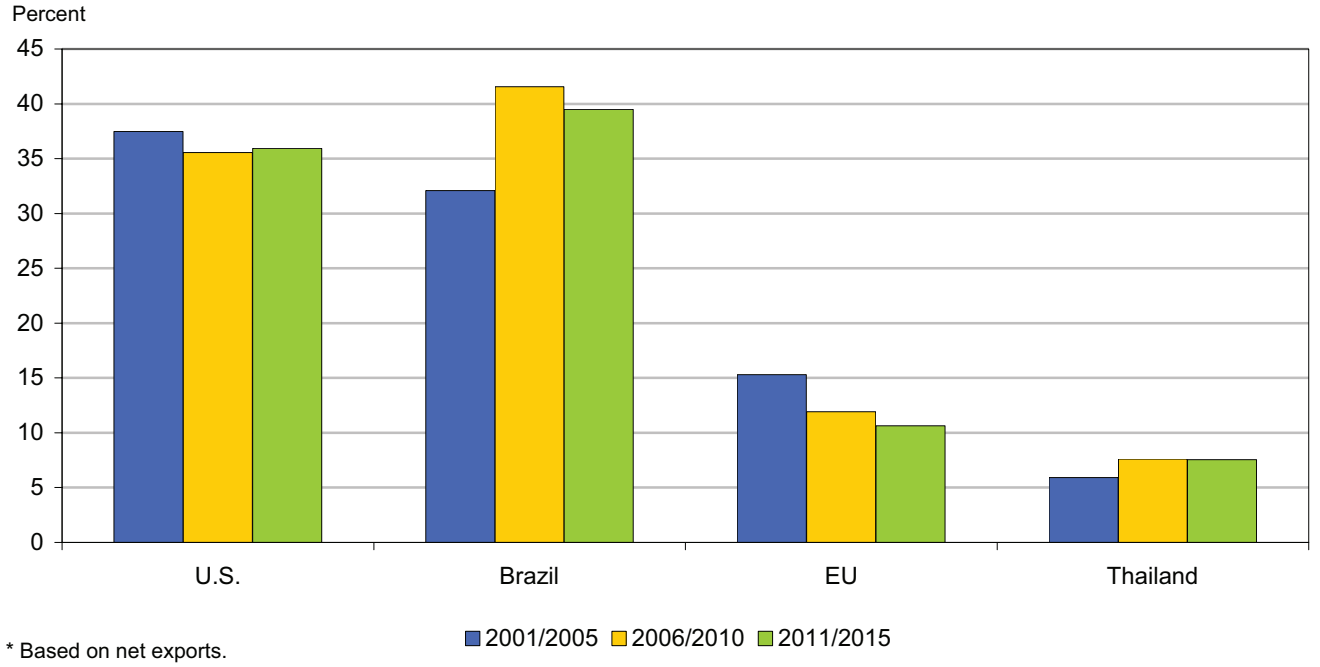



* Based on net exports.

## Major Broiler Importing Countries

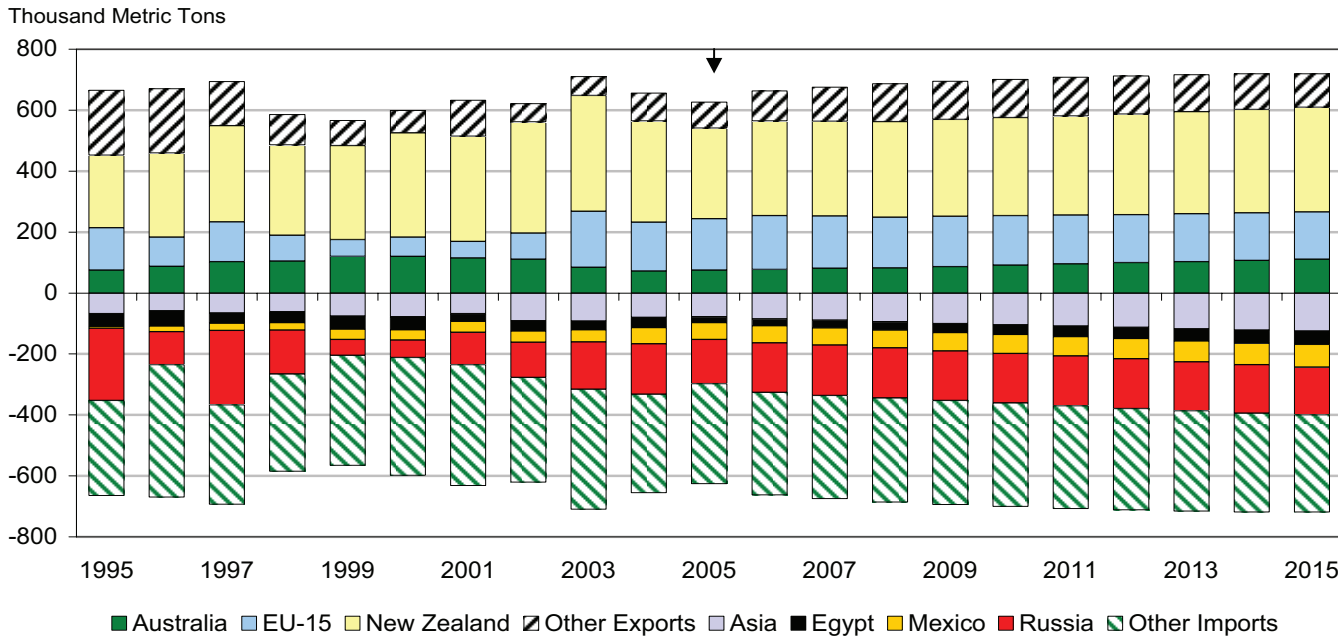



## Broiler Export Market Share*

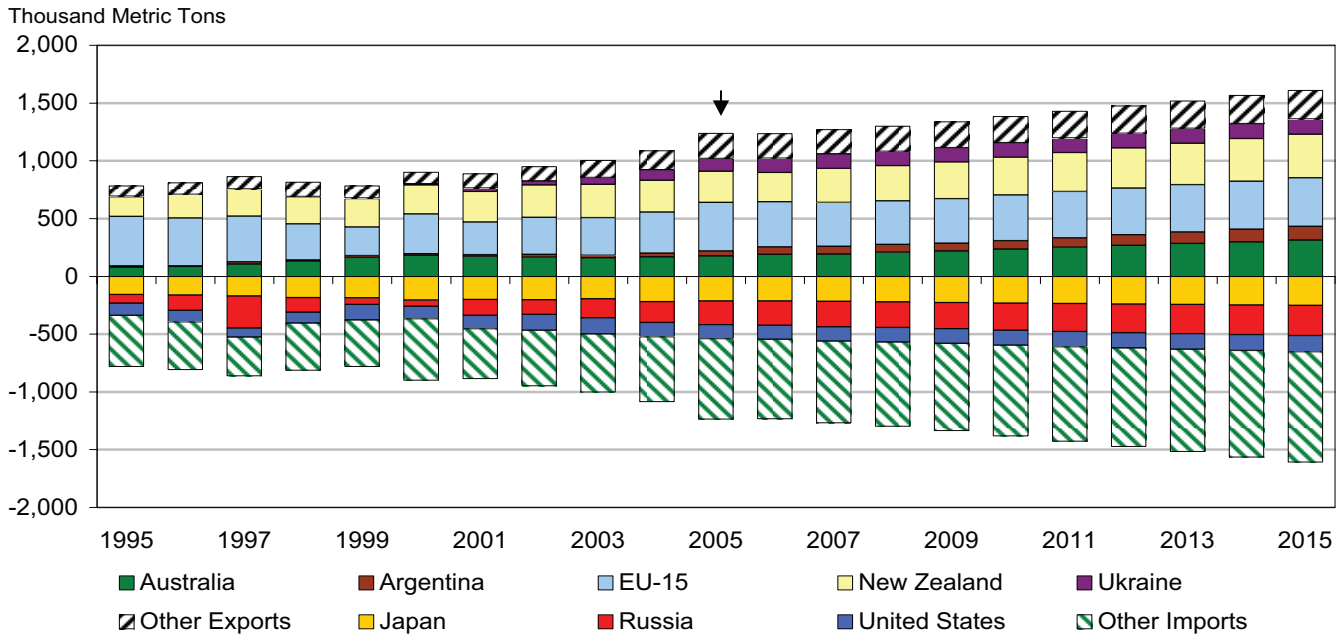



* Based on net exports.

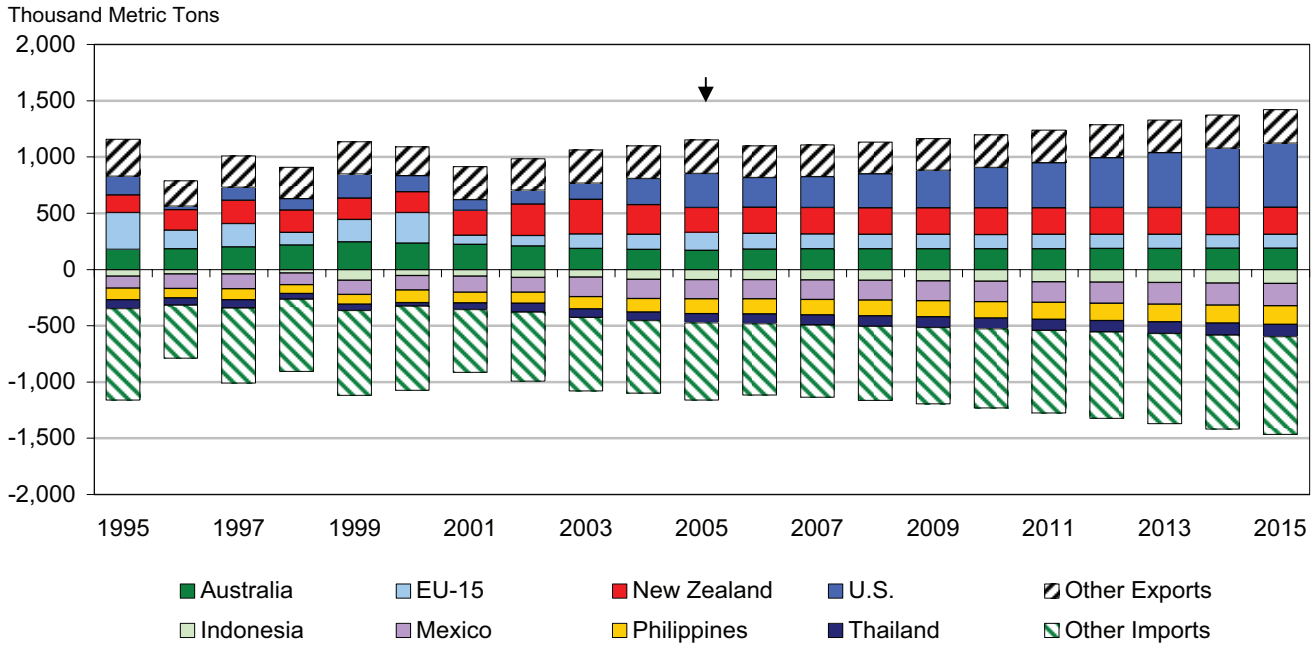
## Butter Net Exports for Selected Countries



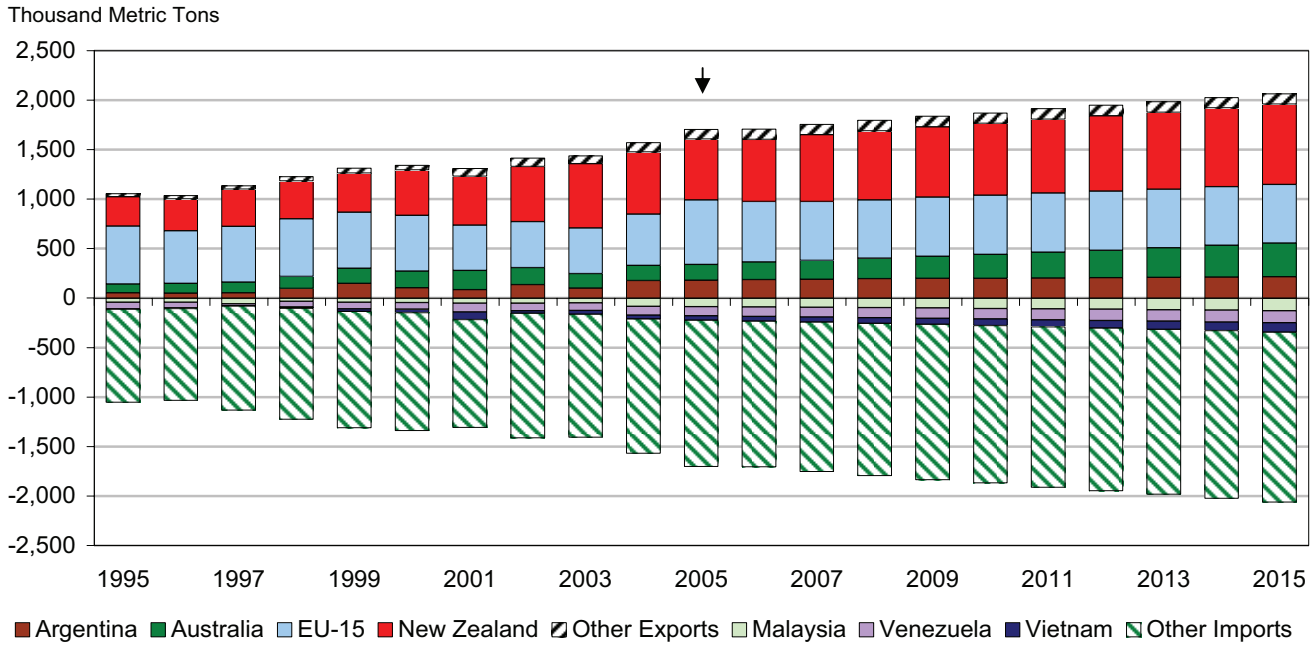

## Cheese Net Exports for Selected Countries



## NFD Trade for Selected Countries




## WMP Trade for Selected Countries



## Commodity Price Projections

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Wheat** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| U.S. FOB Gulf | 161 | 157 | 162 | 164 | 168 | 171 | 173 | 175 | 176 | 177 | 178 |
| Canadian Wheat Board | 156 | 155 | 158 | 160 | 164 | 166 | 168 | 170 | 171 | 172 | 173 |
| AWB Limited Export Quote | 183 | 178 | 180 | 180 | 182 | 183 | 183 | 182 | 182 | 181 | 180 |
| European Union Market | 137 | 137 | 149 | 161 | 155 | 149 | 149 | 149 | 150 | 151 | 152 |
| **Rice** | | | | | | | | | | | |
| FOB U.S. Houston | 359 | 314 | 330 | 308 | 315 | 319 | 319 | 321 | 325 | 327 | 325 |
| FOB Bangkok 5% Broken | 280 | 239 | 241 | 243 | 257 | 270 | 280 | 292 | 305 | 317 | 326 |
| FOB Bangkok 100% B Grade | 293 | 251 | 253 | 248 | 263 | 276 | 286 | 299 | 312 | 324 | 334 |
| **Corn** | | | | | | | | | | | |
| FOB U.S. Gulf | 90 | 98 | 104 | 109 | 112 | 115 | 116 | 116 | 117 | 117 | 117 |
| CIF Rotterdam | 112 | 119 | 126 | 131 | 136 | 139 | 141 | 141 | 142 | 142 | 142 |
| **Barley** | | | | | | | | | | | |
| Canada Feed | 94 | 106 | 107 | 110 | 113 | 117 | 121 | 124 | 127 | 131 | 134 |
| **Sorghum** | | | | | | | | | | | |
| FOB U.S. Gulf | 93 | 105 | 109 | 112 | 115 | 117 | 119 | 119 | 121 | 122 | 123 |
| **Soybeans** | | | | | | | | | | | |
| Illinois Processor | 210 | 194 | 204 | 211 | 212 | 214 | 216 | 216 | 216 | 215 | 214 |
| CIF Rotterdam | 247 | 238 | 247 | 254 | 255 | 256 | 259 | 259 | 258 | 257 | 255 |
| **Soybean Meal** | | | | | | | | | | | |
| FOB Decatur 48% | 191 | 185 | 190 | 191 | 189 | 189 | 190 | 188 | 186 | 183 | 180 |
| CIF Rotterdam | 197 | 201 | 207 | 208 | 206 | 206 | 206 | 205 | 203 | 200 | 196 |
| **Soybean Oil** | | | | | | | | | | | |
| FOB Decatur | 476 | 468 | 498 | 520 | 532 | 542 | 554 | 564 | 573 | 583 | 595 |
| FOB Rotterdam | 555 | 524 | 558 | 582 | 594 | 606 | 619 | 629 | 639 | 650 | 663 |
| **Rapeseed** | | | | | | | | | | | |
| CIF Hamburg | 265 | 266 | 273 | 275 | 273 | 272 | 272 | 270 | 268 | 266 | 264 |
| Cash Vancouver | 260 | 256 | 263 | 264 | 262 | 262 | 261 | 259 | 258 | 256 | 254 |
| **Rapeseed Meal** | | | | | | | | | | | |
| FOB Hamburg | 132 | 132 | 138 | 135 | 135 | 135 | 136 | 136 | 136 | 135 | 134 |
| **Rapeseed Oil** | | | | | | | | | | | |
| FOB Hamburg | 700 | 679 | 704 | 722 | 726 | 737 | 745 | 747 | 754 | 762 | 767 |
| **Sunflower** | | | | | | | | | | | |
| CIF Lower Rhine | 282 | 290 | 303 | 306 | 306 | 306 | 306 | 306 | 303 | 299 | 296 |
| **Sunflower Meal** | | | | | | | | | | | |
| CIF Rotterdam | 113 | 118 | 123 | 122 | 121 | 121 | 120 | 119 | 116 | 113 | 110 |
| **Sunflower Oil** | | | | | | | | | | | |
| FOB NW Europe | 637 | 638 | 657 | 660 | 663 | 667 | 672 | 676 | 679 | 682 | 686 |
| **Palm Oil** | | | | | | | | | | | |
| CIF Rotterdam | 434 | 465 | 483 | 488 | 489 | 493 | 499 | 503 | 505 | 507 | 507 |
| **Palm Kernel Meal** | | | | | | | | | | | |
| CIF Rotterdam | 80 | 89 | 96 | 96 | 93 | 91 | 89 | 87 | 85 | 83 | 79 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| CIF Rotterdam | 600 | 629 | 647 | 647 | 648 | 651 | 656 | 662 | 666 | 670 | 671 |

## Commodity Price Projections (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanut, U.S. Runners 40/50** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| CIF Rotterdam | 850 | 881 | 887 | 892 | 896 | 901 | 906 | 909 | 911 | 914 | 915 |
| **Peanut Meal** | | | | | | | | | | | |
| 48/50%, Southeast Mills FOB | 118 | 126 | 130 | 130 | 130 | 130 | 130 | 131 | 130 | 129 | 128 |
| **Peanut Oil** | | | | | | | | | | | |
| CIF Rotterdam | 950 | 996 | 1,012 | 1,023 | 1,028 | 1,037 | 1,049 | 1,058 | 1,068 | 1,079 | 1,090 |
| **Sugar** | | | | | | | | | | | |
| FOB Caribbean (raw) | 269 | 307 | 291 | 297 | 300 | 301 | 305 | 310 | 315 | 320 | 325 |
| New York Spot (raw) | 483 | 476 | 477 | 477 | 473 | 456 | 454 | 445 | 443 | 439 | 433 |
| **Cotton** | | | | | | | | | | | |
| Cotlook A Index | 1,288 | 1,349 | 1,410 | 1,413 | 1,411 | 1,413 | 1,436 | 1,471 | 1,508 | 1,530 | 1,555 |
| U.S. Farm | 1,061 | 1,065 | 1,127 | 1,135 | 1,132 | 1,134 | 1,151 | 1,183 | 1,221 | 1,245 | 1,270 |
| **Beef** | | | | | | | | | | | |
| Nebraska Direct Fed-Steer | 1,924 | 1,850 | 1,801 | 1,749 | 1,686 | 1,636 | 1,595 | 1,564 | 1,573 | 1,602 | 1,635 |
| U.S. Retail | 9,019 | 8,907 | 8,894 | 8,891 | 8,850 | 8,835 | 8,815 | 8,792 | 8,885 | 9,083 | 9,326 |
| Steer Price, Alberta | 1,502 | 1,690 | 1,639 | 1,590 | 1,527 | 1,477 | 1,436 | 1,404 | 1,413 | 1,442 | 1,474 |
| Australian Export (CIF U.S.) | 2,447 | 2,414 | 2,386 | 2,360 | 2,330 | 2,306 | 2,288 | 2,273 | 2,277 | 2,291 | 2,305 |
| Japanese Farm | | | | | | | | | | | |
| Dairy beef | 8,604 | 8,744 | 10,295 | 11,246 | 12,018 | 12,761 | 13,408 | 13,949 | 14,459 | 14,936 | 15,375 |
| Wagyu beef | 19,734 | 18,950 | 21,107 | 22,358 | 23,273 | 24,131 | 24,832 | 25,385 | 25,957 | 26,488 | 26,954 |
| **Pork** | | | | | | | | | | | |
| Barrows and Gilts National Base | | | | | | | | | | | |
| 51-52% Lean Equivalent | 1,103 | 963 | 878 | 907 | 1,004 | 1,086 | 1,049 | 992 | 1,028 | 1,062 | 1,092 |
| U.S. Retail | 6,232 | 6,167 | 6,137 | 6,271 | 6,463 | 6,624 | 6,616 | 6,610 | 6,720 | 6,932 | 7,146 |
| Ontario Hogs Index | 1,221 | 1,014 | 894 | 938 | 1,073 | 1,185 | 1,133 | 1,055 | 1,103 | 1,149 | 1,189 |
| Japanese Wholesale | 4,431 | 4,486 | 4,530 | 4,840 | 5,204 | 5,467 | 5,417 | 5,351 | 5,540 | 5,670 | 5,776 |
| **Chicken** | | | | | | | | | | | |
| U.S. 12-City Wholesale | 1,561 | 1,444 | 1,378 | 1,363 | 1,350 | 1,350 | 1,354 | 1,358 | 1,362 | 1,367 | 1,371 |
| U.S. Retail | 3,838 | 3,805 | 3,787 | 3,784 | 3,776 | 3,785 | 3,813 | 3,847 | 3,886 | 3,929 | 3,973 |
| EU Producer | 1,925 | 1,748 | 1,910 | 2,017 | 1,938 | 1,896 | 1,910 | 1,947 | 1,980 | 2,016 | 2,051 |
| Japanese Wholesale | 2,083 | 2,071 | 2,242 | 2,379 | 2,483 | 2,592 | 2,693 | 2,782 | 2,873 | 2,963 | 3,047 |
| **Turkey** | | | | | | | | | | | |
| U.S. Wholesale | 1,619 | 1,552 | 1,459 | 1,458 | 1,458 | 1,465 | 1,472 | 1,475 | 1,478 | 1,481 | 1,484 |
| U.S. Retail | 2,364 | 2,425 | 2,393 | 2,410 | 2,413 | 2,424 | 2,437 | 2,448 | 2,461 | 2,475 | 2,489 |

## Commodity Price Projections (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Milk** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| U.S. All Milk | 334 | 295 | 292 | 297 | 301 | 301 | 301 | 302 | 302 | 303 | 305 |
| Canadian Fluid Milk | 559 | 591 | 599 | 595 | 594 | 597 | 602 | 607 | 611 | 616 | 622 |
| Australian Average Milk | 238 | 217 | 222 | 229 | 230 | 230 | 233 | 236 | 237 | 239 | 240 |
| **Cheese** | | | | | | | | | | | |
| FOB Northern Europe | 3,058 | 2,689 | 2,749 | 2,842 | 2,851 | 2,860 | 2,905 | 2,948 | 2,976 | 3,001 | 3,017 |
| U.S. Wholesale | 3,291 | 2,904 | 2,882 | 2,929 | 2,972 | 2,980 | 2,988 | 2,992 | 2,995 | 3,008 | 3,027 |
| Canadian Wholesale | 7,912 | 8,466 | 8,623 | 8,635 | 8,697 | 8,833 | 9,002 | 9,170 | 9,327 | 9,493 | 9,680 |
| Australian Export | 2,944 | 2,606 | 2,661 | 2,746 | 2,754 | 2,762 | 2,804 | 2,843 | 2,869 | 2,892 | 2,906 |
| **Butter** | | | | | | | | | | | |
| FOB Northern Europe | 2,004 | 1,755 | 1,803 | 1,853 | 1,849 | 1,860 | 1,891 | 1,920 | 1,946 | 1,972 | 1,992 |
| U.S. Wholesale | 3,415 | 3,045 | 2,853 | 2,897 | 2,943 | 2,907 | 2,907 | 2,905 | 2,920 | 2,958 | 2,983 |
| Australian Export | 2,205 | 1,914 | 1,970 | 2,029 | 2,024 | 2,036 | 2,073 | 2,107 | 2,137 | 2,168 | 2,191 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| FOB Northern Europe | 2,200 | 1,983 | 2,040 | 2,101 | 2,131 | 2,134 | 2,146 | 2,154 | 2,158 | 2,160 | 2,163 |
| U.S. Wholesale | 2,186 | 1,965 | 2,021 | 2,079 | 2,107 | 2,109 | 2,118 | 2,123 | 2,124 | 2,123 | 2,123 |
| Australian Export | 2,324 | 2,118 | 2,172 | 2,230 | 2,258 | 2,262 | 2,272 | 2,281 | 2,284 | 2,286 | 2,289 |
| **Whole Milk Powder** | | | | | | | | | | | |
| FOB Northern Europe | 2,290 | 2,069 | 2,132 | 2,233 | 2,245 | 2,243 | 2,282 | 2,303 | 2,318 | 2,339 | 2,344 |
| Australian Export | 2,365 | 2,171 | 2,226 | 2,315 | 2,326 | 2,325 | 2,359 | 2,377 | 2,390 | 2,409 | 2,414 |

# Baseline Assumptions

# World Macroeconomic Assumptions

The macro projections are little altered compared to those of the 2005 FAPRI outlook and call for continued solid global economic growth above 3% per annum, a weak U.S. dollar against most OECD currencies, and moderate price inflation in most countries.

NAFTA economies continued to grow at a solid pace in 2005, with growth of 2.9% for Canada, 3.1% for Mexico, and 3.7% for the United States. This growth path is projected to continue in the coming decade for the three countries, with average annual growth rates of 2.6%, 4%, and 3%, respectively. Price inflation in the three countries is expected to remain moderate during the outlook period.

The outlook for the Asian economies remains solid, with a projected average annual real growth rate of 3.7%, and with high growth rates (5% to 7.4%) predicted for China, Vietnam, Thailand, and India for the decade. East Asia is growing strongly. Japan's outlook remains positive; its economy grew by 2.4% in 2005 and is projected to grow by 1.7% annually for the outlook period. Inflation remains low in most of Asia.

Argentina's GDP grew by 8.7% in 2005 as it did in 2004 and is expected to grow at around 4% annually until 2014. Brazil's economy grew more moderately (2.7%) in 2005; it picks up during the coming decade at about 3.7% per year. The Latin America region grows at a 3.9% average annual rate during the outlook period. Price inflation is expected to be moderate in most of Latin America, except in Venezuela.

The economic growth convergence between old Europe and the NMS continued in 2005, with the former growing 1.5% and the latter 4.1%—a weakening from 2005. This convergence will continue during the next decade, with the NMS growing more than twice as fast as the EU-15 (4.2% versus 1.9% per year). Most members of the EU-25 experience a moderate currency appreciation against the U.S. dollar in the coming decade, reducing their competitiveness.

Most Latin American currencies appreciated against the dollar in 2005 and do so again in 2006. After that, most of these currencies, including the Brazilian real, depreciate in nominal terms. Price inflation eventually erodes much of this competitive advantage in most countries except Colombia. Despite its continued nominal devaluation, the Argentine peso actually appreciates in real terms over the whole decade because price inflation is significantly higher than in the United States.

The U.S. dollar remained weak relative to the currencies of Australia, Canada, and New Zealand in 2005. In 2006, this weakness expands to the currencies of Japan and the EU-25.

Most Asian currencies appreciate in real terms against the U.S. dollar, especially those of China, Indonesia, Taiwan, and Thailand. Large appreciations also occur elsewhere, with the cost of a U.S. dollar in real terms falling by 4.5% per year in Russia and by 6.1% per year in Ukraine. A weaker dollar benefits U.S. agricultural exports by reducing the price of U.S. products in terms of foreign currency.

Price inflation in 2006 remains high in Nigeria, Indonesia, Russia, Ukraine, Argentina, Venezuela, and Iran. In the long run, price inflation expectations are moderate for most countries except Nigeria, Venezuela, and Iran, with 9.5%, 14.7%, and 10.2% average growth rates of their GDP deflators, respectively. Latin American countries tend to have higher expected price inflation than do Asian countries.

Fossil fuel and fertilizer prices have moved higher since 2002, as factors including weather-related supply shocks, the political situation in the Middle East, and strong international demand for petroleum from China and India combined to keep supplies tight. Fertilizer and fuel prices are expected to decline beginning in 2007 but still remain well above the levels experienced from 1997 to 2002.

## Real GDP Growth Projections

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (Percentage Change from Previous Year) | | | | | | | |
| **World** | 3.3 | 3.3 | 3.0 | 3.2 | 3.3 | 3.1 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| **Developed Market Economies** | | | | | | | | | | | |
| Australia | 2.4 | 2.7 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 |
| Canada | 2.9 | 2.9 | 2.6 | 2.8 | 2.9 | 2.9 | 2.7 | 2.6 | 2.4 | 2.3 | 2.3 |
| European Union-15 | 1.5 | 1.9 | 1.8 | 2.0 | 2.2 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 |
| Japan | 2.4 | 1.9 | 1.6 | 1.6 | 1.7 | 1.8 | 1.8 | 1.8 | 1.7 | 1.6 | 1.5 |
| New Zealand | 2.1 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.3 | 2.3 | 2.1 |
| Switzerland | 1.8 | 2.1 | 1.7 | 1.8 | 1.6 | 1.5 | 1.3 | 1.4 | 1.4 | 1.5 | 1.5 |
| United States | 3.7 | 3.5 | 2.9 | 3.3 | 3.3 | 2.8 | 2.6 | 2.6 | 2.9 | 3.1 | 3.2 |
| **Developing Market Economies** | | | | | | | | | | | |
| Africa | 4.7 | 5.3 | 5.2 | 5.2 | 5.0 | 4.9 | 4.6 | 4.6 | 4.6 | 4.6 | 4.5 |
| Algeria | 6.4 | 6.4 | 6.4 | 6.4 | 6.0 | 6.0 | 5.7 | 5.0 | 4.8 | 4.7 | 4.6 |
| Egypt | 4.9 | 5.0 | 5.1 | 4.7 | 5.0 | 5.3 | 4.7 | 4.0 | 4.2 | 4.2 | 4.3 |
| Nigeria | 4.5 | 6.2 | 6.0 | 5.8 | 4.7 | 4.7 | 4.8 | 5.0 | 4.8 | 5.2 | 4.8 |
| South Africa | 4.4 | 4.1 | 4.4 | 4.5 | 4.6 | 4.6 | 4.6 | 4.6 | 4.7 | 4.7 | 4.7 |
| Tunisia | 5.0 | 5.8 | 5.6 | 5.9 | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 5.8 | 5.7 |
| Asia | 4.2 | 3.9 | 3.7 | 3.7 | 3.8 | 3.8 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 |
| China | 9.3 | 8.4 | 8.2 | 8.0 | 7.7 | 7.5 | 7.4 | 7.1 | 6.8 | 6.6 | 6.5 |
| Hong Kong | 7.3 | 5.5 | 5.8 | 5.6 | 6.0 | 5.3 | 4.8 | 4.6 | 4.3 | 4.1 | 4.0 |
| India | 7.2 | 6.8 | 6.6 | 6.4 | 6.1 | 5.8 | 5.8 | 5.7 | 5.6 | 5.5 | 5.3 |
| Indonesia | 5.5 | 4.9 | 5.0 | 5.1 | 5.0 | 4.8 | 4.9 | 4.7 | 4.5 | 4.5 | 4.5 |
| Malaysia | 5.3 | 5.5 | 5.3 | 5.1 | 4.9 | 4.8 | 5.0 | 5.1 | 5.1 | 5.1 | 5.0 |
| Pakistan | 8.4 | 6.4 | 6.1 | 5.5 | 4.3 | 4.1 | 4.0 | 4.0 | 3.7 | 3.7 | 3.5 |
| Philippines | 4.5 | 4.4 | 4.4 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 4.0 | 3.9 | 4.0 |
| South Korea | 4.0 | 6.0 | 5.2 | 4.9 | 5.5 | 5.2 | 4.7 | 4.4 | 4.0 | 3.8 | 3.5 |
| Taiwan | 3.7 | 3.5 | 3.9 | 4.3 | 4.7 | 4.9 | 4.6 | 4.4 | 4.1 | 3.9 | 3.7 |
| Thailand | 4.2 | 4.6 | 5.2 | 5.4 | 5.3 | 5.3 | 5.4 | 5.6 | 5.4 | 5.3 | 5.2 |
| Vietnam | 8.1 | 7.8 | 7.1 | 7.0 | 6.9 | 6.8 | 6.7 | 6.7 | 6.6 | 6.5 | 6.4 |
| Commonwealth of Independent States | 6.6 | 6.3 | 5.6 | 5.0 | 4.9 | 4.8 | 4.8 | 4.5 | 4.2 | 4.1 | 4.1 |
| Russia | 6.1 | 5.5 | 4.7 | 4.2 | 4.2 | 4.2 | 4.3 | 4.0 | 3.7 | 3.6 | 3.6 |
| Ukraine | 3.3 | 6.5 | 8.2 | 6.8 | 5.8 | 4.6 | 4.5 | 4.5 | 4.4 | 4.3 | 4.3 |
| EU New Member States | 4.1 | 4.6 | 4.8 | 4.8 | 4.7 | 4.5 | 4.3 | 3.6 | 3.5 | 3.4 | 3.4 |
| Czech Republic | 4.8 | 4.5 | 4.4 | 4.4 | 4.2 | 4.2 | 4.1 | 4.1 | 4.0 | 3.9 | 3.8 |
| Estonia | 8.9 | 7.5 | 6.8 | 6.6 | 5.8 | 5.5 | 5.2 | 4.9 | 4.7 | 4.5 | 4.3 |
| Hungary | 4.0 | 4.0 | 4.0 | 4.0 | 4.1 | 3.7 | 3.6 | 2.9 | 2.9 | 2.8 | 2.9 |
| Latvia | 9.8 | 8.5 | 7.8 | 6.6 | 6.2 | 4.8 | 4.7 | 4.5 | 4.4 | 4.2 | 4.2 |
| Lithuania | 7.0 | 6.2 | 6.2 | 5.5 | 5.3 | 5.2 | 4.9 | 4.6 | 4.3 | 4.0 | 4.6 |
| Poland | 3.3 | 4.5 | 4.9 | 5.3 | 5.2 | 4.9 | 4.7 | 3.5 | 3.3 | 3.1 | 3.2 |
| Slovakia | 5.3 | 5.4 | 5.8 | 5.0 | 4.6 | 4.5 | 4.3 | 4.1 | 3.9 | 3.9 | 3.8 |
| Slovenia | 4.0 | 4.2 | 4.1 | 4.0 | 4.0 | 3.8 | 3.7 | 3.7 | 3.7 | 3.8 | 3.7 |
| Latin America | 4.4 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.9 | 3.8 | 3.8 | 3.8 | 3.7 |
| Argentina | 8.7 | 5.0 | 3.7 | 4.0 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 |
| Brazil | 2.7 | 3.6 | 4.0 | 4.0 | 4.0 | 3.8 | 3.6 | 3.4 | 3.4 | 3.4 | 3.4 |
| Colombia | 4.3 | 4.2 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| Mexico | 3.1 | 3.4 | 3.8 | 4.0 | 4.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 | 4.2 |
| Uruguay | 6.4 | 4.4 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.7 | 3.6 | 3.6 | 3.5 |
| Venezuela | 9.3 | 5.8 | 4.3 | 3.0 | 3.3 | 3.9 | 3.9 | 3.9 | 3.8 | 3.7 | 3.5 |
| Middle East | 5.8 | 4.9 | 4.4 | 4.2 | 4.2 | 4.1 | 4.1 | 4.0 | 4.0 | 3.9 | 3.8 |
| Iran | 5.6 | 4.8 | 4.6 | 4.5 | 4.3 | 4.4 | 4.4 | 4.3 | 4.3 | 4.1 | 4.1 |
| Israel | 4.9 | 3.8 | 3.6 | 3.7 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 |
| Saudi Arabia | 5.9 | 5.4 | 4.7 | 4.1 | 4.2 | 4.2 | 4.1 | 4.1 | 4.1 | 4.0 | 4.0 |
| Other Eastern Europe | 4.7 | 4.9 | 5.1 | 5.1 | 5.2 | 4.9 | 4.9 | 4.4 | 4.1 | 4.0 | 3.9 |
| Bulgaria | 5.6 | 4.5 | 4.4 | 4.1 | 3.8 | 3.9 | 3.5 | 3.2 | 3.1 | 3.2 | 3.3 |
| Romania | 5.2 | 6.2 | 6.4 | 6.2 | 6.2 | 6.0 | 6.2 | 5.2 | 4.9 | 4.6 | 4.2 |

Source: International Financial Statistics January 2006 and projections after 2005 are from Global Insight (formerly DRI-WEFA).

## GDP Deflator Growth Projections

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Developed Market Economies** | | | | (Percentage Change from Previous Year) | | | | | | | |
| Australia | 5.3 | 4.2 | 3.1 | 3.3 | 3.4 | 3.6 | 3.4 | 3.2 | 3.2 | 3.1 | 3.1 |
| Canada | 2.9 | 1.8 | 0.8 | 1.3 | 1.5 | 1.7 | 1.5 | 1.5 | 1.6 | 1.7 | 1.8 |
| European Union-15 | 0.1 | 1.5 | 1.8 | 2.0 | 1.8 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 1.9 |
| Japan | -1.1 | -0.2 | 0.8 | 1.3 | 1.4 | 1.6 | 1.8 | 1.9 | 2.0 | 2.1 | 2.1 |
| New Zealand | 2.6 | 2.4 | 2.0 | 1.8 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| Switzerland | 1.1 | 1.5 | 1.7 | 1.1 | 1.3 | 1.4 | 1.6 | 1.5 | 1.4 | 1.4 | 1.3 |
| United States | 2.7 | 2.5 | 1.8 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 | 2.3 | 2.4 |
| **Developing Market Economies** | | | | | | | | | | | |
| Africa | | | | | | | | | | | |
| Algeria | 8.0 | -0.8 | 1.1 | 2.8 | 3.9 | 3.8 | 3.2 | 3.8 | 4.0 | 3.4 | 2.8 |
| Egypt | 20.1 | -4.7 | 3.3 | 3.1 | 2.6 | 2.4 | 3.5 | 3.4 | 3.4 | 3.4 | 3.3 |
| Nigeria | 13.1 | 9.5 | 14.0 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |
| South Africa | 5.1 | 5.1 | 4.4 | 4.5 | 4.4 | 4.1 | 4.1 | 4.0 | 4.8 | 4.7 | 4.8 |
| Tunisia | 2.2 | 3.4 | 3.6 | 3.5 | 3.4 | 3.4 | 3.3 | 3.1 | 2.9 | 2.6 | 2.2 |
| Asia | | | | | | | | | | | |
| China | 2.7 | 2.6 | 2.7 | 2.9 | 3.0 | 3.1 | 3.2 | 3.4 | 3.4 | 3.3 | 3.3 |
| Hong Kong | -0.6 | 1.0 | 1.5 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 |
| India | 4.8 | 5.1 | 5.1 | 5.3 | 3.7 | 3.4 | 4.0 | 4.1 | 3.9 | 3.9 | 3.6 |
| Indonesia | 12.1 | 7.4 | 6.1 | 4.8 | 4.0 | 3.9 | 4.2 | 4.3 | 4.3 | 4.3 | 4.3 |
| Malaysia | 4.9 | 3.2 | 2.3 | 1.9 | 1.3 | 2.5 | 3.0 | 2.5 | 2.5 | 2.6 | 2.7 |
| Pakistan | 6.3 | 5.9 | 5.8 | 5.7 | 5.6 | 5.3 | 5.6 | 5.8 | 5.7 | 5.5 | 5.2 |
| Philippines | 4.2 | 5.1 | 5.1 | 5.0 | 3.9 | 3.0 | 3.4 | 3.4 | 3.3 | 3.2 | 2.9 |
| South Korea | -0.3 | 4.7 | 4.5 | 3.3 | 3.1 | 2.9 | 2.8 | 2.7 | 2.6 | 2.5 | 2.5 |
| Taiwan | -0.9 | 0.6 | 1.2 | 1.6 | 1.7 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.2 |
| Thailand | 4.8 | 4.3 | 3.2 | 2.4 | 2.6 | 2.7 | 2.9 | 3.0 | 3.0 | 3.1 | 3.0 |
| Vietnam | 7.6 | 4.5 | 3.8 | 3.7 | 3.0 | 2.9 | 2.9 | 2.8 | 2.6 | 2.5 | 2.5 |
| Commonwealth of Independent States | | | | | | | | | | | |
| Russia | 15.4 | 11.9 | 9.4 | 8.0 | 6.7 | 5.9 | 5.3 | 4.9 | 4.8 | 4.7 | 4.6 |
| Ukraine | 14.8 | 8.5 | 7.2 | 7.0 | 6.5 | 6.2 | 6.2 | 6.0 | 5.8 | 5.6 | 5.5 |
| EU New Member States | 9.3 | 4.3 | 3.1 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 |
| Czech Republic | 1.4 | 2.5 | 2.4 | 2.3 | 2.2 | 2.2 | 2.0 | 1.9 | 1.8 | 1.7 | 1.7 |
| Estonia | 3.7 | 2.7 | 2.2 | 2.6 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| Hungary | 3.5 | 2.4 | 2.5 | 2.5 | 2.5 | 2.4 | 2.2 | 2.2 | 2.3 | 2.3 | 2.3 |
| Latvia | 7.1 | 5.7 | 3.0 | 2.5 | 2.3 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| Lithuania | 5.0 | 4.1 | 3.0 | 2.8 | 2.6 | 2.5 | 2.1 | 2.0 | 1.9 | 1.8 | 1.8 |
| Poland | 2.1 | 2.0 | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 | 2.3 | 2.5 | 2.4 | 2.3 |
| Slovakia | 2.8 | 3.4 | 2.4 | 2.1 | 2.3 | 2.4 | 2.3 | 2.3 | 2.1 | 2.1 | 2.0 |
| Slovenia | 2.5 | 2.2 | 2.4 | 2.4 | 2.5 | 2.7 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 |
| Latin America | | | | | | | | | | | |
| Argentina | 17.1 | 11.5 | 9.9 | 8.0 | 7.5 | 7.9 | 7.9 | 7.8 | 7.7 | 7.7 | 7.6 |
| Brazil | 7.6 | 7.2 | 7.1 | 6.7 | 6.3 | 6.1 | 6.0 | 5.9 | 5.9 | 5.8 | 5.7 |
| Colombia | 5.8 | 5.7 | 5.3 | 5.1 | 4.8 | 4.5 | 4.4 | 4.3 | 4.2 | 4.2 | 4.2 |
| Mexico | 5.5 | 5.5 | 5.1 | 5.0 | 5.0 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.7 |
| Uruguay | 7.2 | 6.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| Venezuela | 18.9 | 16.3 | 19.0 | 22.4 | 18.2 | 15.1 | 14.3 | 12.4 | 10.3 | 10.2 | 9.1 |
| Middle East | | | | | | | | | | | |
| Iran | 17.9 | 15.0 | 13.5 | 11.9 | 10.3 | 9.2 | 8.7 | 8.4 | 8.3 | 8.2 | 8.1 |
| Israel | -0.3 | 3.5 | 3.0 | 3.1 | 2.4 | 2.3 | 2.8 | 3.4 | 3.5 | 3.3 | 3.2 |
| Saudi Arabia | 6.7 | -1.4 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 |
| Other Eastern Europe | | | | | | | | | | | |
| Bulgaria | 7.9 | 6.1 | 5.6 | 4.3 | 2.7 | 2.7 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 |
| Romania | 9.3 | 5.7 | 3.7 | 3.7 | 3.2 | 2.4 | 2.3 | 2.3 | 2.0 | 1.9 | 1.8 |

Source: International Financial Statistics January 2006 and projections after 2005 are from Global Insight (formerly DRI-WEFA).

## Exchange Rate* Growth Projections

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Developed Market Economies** | | | | (Percentage Change from Previous Year) | | | | | | | |
| Australia | -4.3 | -0.4 | -2.3 | -1.2 | -0.7 | -0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Canada | -5.9 | -5.0 | -0.8 | 1.1 | 0.8 | 0.0 | -0.4 | -0.3 | -0.2 | -0.2 | -0.4 |
| European Union-15 | -1.7 | -0.3 | -10.4 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Japan | -0.3 | 0.2 | -11.8 | -5.6 | -2.7 | -2.4 | -1.8 | -1.0 | -0.5 | -0.3 | -0.1 |
| New Zealand | -6.3 | -0.8 | -1.2 | -0.4 | -0.1 | 0.0 | -0.1 | -0.1 | -0.1 | 0.0 | 0.0 |
| Switzerland | -1.4 | -1.3 | -10.8 | -4.2 | 6.8 | 3.9 | 0.0 | -2.0 | -2.1 | -2.0 | -2.0 |
| **Developing Market Economies** | | | | | | | | | | | |
| Africa | | | | | | | | | | | |
| Algeria | 1.5 | -1.4 | 1.6 | 2.1 | 1.1 | 0.6 | 2.6 | 2.8 | 2.9 | 2.6 | 2.1 |
| Egypt | -6.6 | 1.5 | 2.8 | 2.2 | 2.2 | 1.4 | 1.8 | 2.8 | 2.9 | 2.9 | 2.9 |
| Nigeria | -0.7 | 0.3 | 3.7 | 3.5 | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| South Africa | -2.5 | 3.3 | 5.0 | 5.4 | 4.1 | 3.3 | 2.1 | 2.0 | 2.2 | 2.2 | 2.2 |
| Tunisia | 2.2 | 3.1 | -0.3 | 1.0 | 2.4 | 2.5 | 1.1 | 0.7 | 0.5 | 0.5 | 0.4 |
| Asia | | | | | | | | | | | |
| China | -0.5 | -2.7 | -4.0 | -4.7 | -3.4 | -1.8 | -1.3 | -0.9 | -0.6 | -0.5 | -0.5 |
| Hong Kong | 0.0 | -0.2 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 | -0.2 | -0.3 |
| India | -3.6 | 4.4 | 1.9 | 1.4 | 1.0 | 0.7 | 0.6 | 0.6 | 0.6 | 0.7 | 0.6 |
| Indonesia | 7.5 | 1.3 | -3.0 | -2.4 | 0.0 | 0.6 | 0.8 | 1.0 | 1.0 | 1.1 | 1.1 |
| Malaysia | -0.2 | -1.3 | -2.2 | -1.6 | -1.2 | -0.9 | -0.7 | -0.5 | -0.4 | -0.3 | -0.2 |
| Pakistan | 2.0 | 2.4 | 3.9 | 4.5 | 3.3 | 2.8 | 2.6 | 2.5 | 2.4 | 2.3 | 2.1 |
| Philippines | -1.4 | -0.5 | 3.1 | 3.3 | 1.1 | 0.5 | 0.2 | 0.2 | 0.3 | 0.3 | 0.2 |
| South Korea | -10.9 | 1.1 | 3.2 | 2.5 | 0.9 | 0.7 | 0.6 | 0.5 | 0.3 | 0.5 | 0.6 |
| Taiwan | -3.6 | -0.3 | -6.1 | -2.0 | -1.6 | -1.5 | -2.3 | -1.9 | -1.7 | -1.5 | -1.4 |
| Thailand | -0.6 | -0.8 | -2.5 | -2.3 | -2.0 | -2.8 | -2.5 | -4.3 | -4.5 | -0.9 | -0.8 |
| Vietnam | 0.5 | 0.8 | 0.8 | -0.2 | -0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| Commonwealth of Independent States | | | | | | | | | | | |
| Russia | -2.3 | 1.0 | 1.8 | 1.9 | 1.1 | -0.6 | -0.6 | -0.8 | -0.9 | -1.6 | -2.1 |
| Ukraine | -3.2 | -4.0 | -5.5 | -2.0 | -2.0 | -2.0 | -1.4 | -0.5 | -0.5 | -0.5 | -0.5 |
| EU New Member States | | | | | | | | | | | |
| Czech Republic | -7.7 | -3.0 | -12.0 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Estonia | -1.6 | -0.2 | -10.4 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Hungary | -3.6 | 2.4 | -10.4 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Latvia | 2.9 | -0.1 | -10.4 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Lithuania | -1.8 | -0.3 | -10.4 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Poland | -12.1 | -3.5 | -10.8 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Slovakia | -5.2 | -2.4 | -12.0 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Slovenia | -1.4 | -0.7 | -10.2 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Latin America | | | | | | | | | | | |
| Argentina | -1.3 | 4.3 | 4.4 | 3.6 | 3.6 | 3.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 |
| Brazil | -14.5 | -6.5 | 7.2 | 6.9 | 6.6 | 6.2 | 4.0 | 3.8 | 3.8 | 3.8 | 3.7 |
| Colombia | -11.2 | 2.5 | 7.6 | 5.9 | 5.5 | 5.2 | 4.2 | 3.6 | 3.0 | 2.8 | 2.7 |
| Mexico | -2.9 | 0.6 | 3.3 | 2.6 | 2.2 | 2.5 | 2.5 | 3.3 | 2.2 | 2.3 | 2.4 |
| Uruguay | -13.7 | -0.6 | 2.3 | 1.8 | 0.5 | 2.6 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 |
| Venezuela | 9.5 | 2.4 | 18.1 | 16.9 | 16.6 | 14.7 | 14.4 | 12.5 | 11.4 | 10.3 | 9.8 |
| Middle East | | | | | | | | | | | |
| Iran | 3.7 | 3.5 | 3.6 | 3.5 | 3.5 | 3.0 | 4.7 | 7.1 | 7.0 | 7.0 | 7.0 |
| Israel | -1.0 | 4.4 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.5 | 1.4 |
| Saudi Arabia | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Eastern Europe | | | | | | | | | | | |
| Bulgaria | -1.6 | -0.3 | -10.4 | -6.1 | 5.4 | 3.2 | 0.0 | -1.4 | -1.4 | -1.4 | -1.4 |
| Romania | -12.2 | 0.7 | 2.3 | 1.9 | 1.7 | 1.0 | 0.0 | 0.9 | 4.5 | 0.0 | 0.0 |

Source: International Financial Statistics January 2006 and projections after 2005 are from Global Insight (formerly DRI-WEFA).
* Note: in local currency per U.S. dollar.

## Population Growth Projections

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | (Percentage Change from Previous Year) | | | | | | | |
| **World** | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| **Developed Market Economies** | | | | | | | | | | | |
| Australia | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| Canada | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| European Union-15 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Japan | 0.1 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 | -0.3 | -0.3 |
| New Zealand | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 |
| United States | | | | | | | | | | | |
| **Developing Market Economies** | | | | | | | | | | | |
| Africa | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 |
| Algeria | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 |
| Egypt | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.4 |
| Morocco | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.4 | 1.3 |
| Nigeria | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| South Africa | -0.2 | -0.4 | -0.4 | -0.5 | -0.5 | -0.5 | -0.5 | -0.5 | -0.5 | -0.5 | -0.5 |
| Tunisia | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 |
| Asia | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 |
| China | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 |
| Hong Kong | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 |
| India | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.2 |
| Indonesia | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 |
| Malaysia | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 |
| Pakistan | 2.0 | 2.1 | 2.1 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.7 |
| Philippines | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.5 |
| South Korea | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 |
| Taiwan | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 |
| Thailand | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 |
| Vietnam | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Commonwealth of Independent States | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Russia | -0.4 | -0.4 | -0.4 | -0.4 | -0.4 | -0.4 | -0.4 | -0.4 | -0.4 | -0.4 | -0.5 |
| Ukraine | -0.7 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.5 | -0.5 | -0.5 | -0.5 | -0.6 |
| EU New Member States | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 |
| Czech Republic | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 |
| Estonia | -0.7 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.7 | -0.7 | -0.7 |
| Hungary | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 |
| Latvia | -0.7 | -0.7 | -0.7 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 | -0.6 |
| Lithuania | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 | -0.3 |
| Poland | -0.1 | -0.1 | 0.0 | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 |
| Slovakia | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Slovenia | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 |
| Latin America | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| Argentina | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 |
| Brazil | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 |
| Mexico | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 |
| Paraguay | 2.5 | 2.5 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 |
| Middle East | 1.7 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 |
| Israel | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 | 1.0 |
| Saudi Arabia | 2.4 | 2.3 | 2.2 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.5 | 1.4 |
| Other Eastern Europe | 0.0 | 0.0 | 0.0 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 |
| Bulgaria | -0.9 | -0.9 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 | -0.8 |
| Romania | -0.1 | -0.1 | -0.1 | -0.1 | -0.1 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 | -0.2 |

Source: U.S. Bureau of the Census International Data Base, April 26, 2005.

# U.S. Program Provisions

The baseline assumes provisions of the FSRIA, the 2002 farm bill. In general, provisions set to expire in 2007 are assumed to continue throughout the projection period.

The baseline also incorporates provisions of the Deficit Reduction Act of 2005, approved in early 2006. The Deficit Reduction Act eliminates the cotton Step 2 program at the end of 2005/06, and it reduces the proportion of direct payments that farmers can obtain before planting from 50% to 22%, effective in 2007/08.

The Deficit Reduction Act extends the MILC program, previously scheduled to expire in 2005, for two years at a lower payment rate. Unlike other program provisions, MILC is not assumed to be renewed in 2007 because of technical features of the Deficit Reduction Act and federal budgetary rules.

The baseline does not reflect any other changes from policies in place in January 2006. No changes to U.S. farm legislation are assumed to comply with existing or pending trade agreements.

DPs and CCPs depend on fixed base acreages and program yields, not on actual production. The DP payment rate is also fixed, but the CCP payment rate depends on market prices. The CCP payment rate equals the target price minus the DP rate, minus the greater of the loan rate or the season average farm price.

Benefits under the marketing loan program are only available on actual production. LDPs and marketing loan gains are available for wheat, feed grains, and oilseeds when the county loan rate is greater than a posted county price that is tied to market prices. For cotton and rice, benefits are available when the loan rate exceeds an AWP.

Because CCPs and marketing loan benefits depend on market prices, actual payment rates can vary greatly from year to year, even though they are based on fixed target prices, loan rates, and DP rates.

Conservation reserve area dips in 2008/09 because of the expiration of many existing contracts. Conservation reserve area increases in later years but remains below the FSRIA limit of 39.2 million acres.

## U.S. Program Provisions

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Dollars per Hundredweight) | | | | | | |
| **Milk Support Price** | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 | 9.90 |
| **Direct Payment Rate** | | | | | (Dollars per Bushel) | | | | | | |
| Corn | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |
| Sorghum | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 |
| Wheat | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 |
| Soybeans | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| | | | | | (Dollars per Hundredweight) | | | | | | |
| Rice | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 |
| | | | | | (U.S. Cents per Pound) | | | | | | |
| Cotton | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 | 6.67 |
| Peanuts | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 |
| **Loan Rates** | | | | | (Dollars per Bushel) | | | | | | |
| Corn | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 |
| Sorghum | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 |
| Wheat | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 |
| Soybeans | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| | | | | | (Dollars per Hundredweight) | | | | | | |
| Rice | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 |
| | | | | | (U.S. Cents per Pound) | | | | | | |
| Cotton | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 | 52.00 |
| Peanuts | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 |
| Raw Cane Sugar | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 |
| Beet Sugar | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 |
| **Target Prices** | | | | | (Dollars per Bushel) | | | | | | |
| Corn | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 |
| Sorghum | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 |
| Wheat | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 |
| Soybeans | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 |
| | | | | | (Dollars per Hundredweight) | | | | | | |
| Rice | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 |
| | | | | | (U.S. Cents per Pound) | | | | | | |
| Cotton | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 | 72.40 |
| Peanuts | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 |
| | | | | | (Million Acres) | | | | | | |
| **Conservation Reserve** | 35.59 | 36.00 | 36.50 | 35.50 | 35.00 | 36.00 | 36.50 | 37.00 | 37.50 | 38.00 | 38.00 |

## World Agricultural Policy Assumptions

The 2005 world policy environment included the continuing implementation of the 2003 European reforms (CAP reforms and enlargement with 10 EU NMS). The EU reforms aim to further decouple farm support from production decisions, a policy initiated in 1992. Decoupling implementation will be completed by 2007 and will take the form of a Single Farm Payment.

In February 2006, the EU adopted the CMO reforms for sugar. The reforms will cover the period 2006/07 to 2014/15. The institutional price for white sugar will be cut by 36% over four years beginning in 2006/07 (cumulatively by 20% in year one, 27.5% in year two, 35% in year three, and 36% in year four). The minimum beet price will be reduced by 39.5% over the same period.

No mandatory cuts of sugar production quota were adopted but production reductions will occur through a voluntary restructuring buy-up scheme. Payments will encourage factory closure and the renunciation of quota. The "A" and "B" production quotas will be merged into a single quota and kept at the current 17.4 mmt of white sugar. Countries that produced "C" sugar during 2004/05 can produce an additional amount of 1.1 mt conditioned on a one-time payment. Beet farmers will be compensated for income loss at an average of 64.2% based on the final price cut of 36%. This payment will be made as part of the Single Farm Payment. The sugar intervention system will be abolished after a four-year phase-out period and replaced by a reference price. A private storage system will be introduced as a safety net in case the market price falls below the reference sugar price.

For the last three years, SPS issues, particularly BSE in North America, AI in Asia, and FMD in South America, have affected the world meat market and will remain a factor in the short-run outlook as the market recovers from these shocks. This outlook was prepared the week of January 22-27, 2006. Developments after this period, such as the FMD cases in Argentina and reported spread of AI in Western Europe, are not factored in these numbers.

Major energy policies included in the baseline are the 2005 U.S. Energy Policy Act, the 2003 Renewable Fuels Directive of the EU, and fuel mandates and regulations in Brazil's biodiesel fuel research program (mandating a 2% biodiesel blend by 2008, a 5% blend by 2013, and new tax incentives for biodiesel production). (See Box 1 in the overview on page 6-7.)

Under the Uruguay Round Agreement on Agriculture, the commitment schedule of developed countries for export subsidy limits, TRQ expansion, import duty reduction, and domestic support reduction are fixed at 2000 levels. Developing countries had their last reform installment implemented in 2004. All these commitments are held fixed through 2015/16. The 2006 outlook does not include any conjecture on policy changes arising from the Doha Round. The final WTO ruling on U.S. cotton and subsequent changes in U.S. farm policy are incorporated in the 2006 outlook. For U.S. policy assumptions coverage, see the U.S. Program Provisions section on page 60.

## Agricultural Policy Assumptions for Crops

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Policy Prices** | | | | | | | | | | | |
| **United States** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Corn Loan | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 |
| Wheat Loan | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 |
| Barley Loan | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Rice Loan | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 |
| Cotton Loan | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 | 1,146 |
| Soybean Loan | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 |
| Beet Sugar Loan | 505 | 505 | 505 | 505 | 505 | 505 | 505 | 505 | 505 | 505 | 505 |
| Cane Sugar Loan | 397 | 397 | 397 | 397 | 397 | 397 | 397 | 397 | 397 | 397 | 397 |
| | | | | | (Million Hectares) | | | | | | |
| Conservation Reserve Program | 13.8 | 14.1 | 14.5 | 14.8 | 15.1 | 15.1 | 15.2 | 15.4 | 15.6 | 15.6 | 15.6 |
| **European Union-15** | | | | | (Euro per Metric Ton) | | | | | | |
| Cereal Intervention | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 |
| Rice Intervention | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 | 150.0 |
| White Sugar Intervention * | 631.9 | 505.5 | 458.1 | 410.7 | 404.4 | 404.4 | 404.4 | 404.4 | 404.4 | 404.4 | 404.4 |
| Sugar Beet Basic * | 43.6 | 32.9 | 29.8 | 26.7 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 |
| | | | | | (Euro per Hectare) | | | | | | |
| Durum Wheat Aid | 291.0 | 285.0 | 285.0 | 285.0 | 285.0 | 285.0 | 285.0 | 285.0 | 285.0 | 285.0 | 285.0 |
| **EU New Member States** | | | | | | | | | | | |
| Cereal Intervention | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 | 101.3 |
| **India** | | | | | | | | | | | |
| Tariff Reference Price | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Soybean Oil | 508 | 508 | 508 | 508 | 508 | 508 | 508 | 508 | 508 | 508 | 508 |
| Palm Oil | 402 | 402 | 402 | 402 | 402 | 402 | 402 | 402 | 402 | 402 | 402 |
| **Tariffs** | | | | | | | | | | | |
| **Algeria** | | | | | (Percent) | | | | | | |
| Raw Sugar | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| **Argentina** | | | | | | | | | | | |
| Raw Sugar | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| **China** | | | | | | | | | | | |
| Corn - in quota | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Corn - out quota | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Wheat - in quota | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Wheat - out quota | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| Rice - in quota | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Rice - out quota | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| Barley | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Soybean Oil - in quota | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| Soybean Oil - out quota | 22.6 | | | | | | | | | | |
| Rapeseed Oil - in quota | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| Rapeseed Oil - out quota | 22.6 | | | | | | | | | | |
| Palm Oil - in quota | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| Palm Oil - out quota | 22.6 | | | | | | | | | | |

* Includes new member states after 2003/04.

## Agricultural Policy Assumptions for Crops (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tariffs** | | | | | | | | | | | |
| **China (continued)** | | | | | | (Percent) | | | | | |
| Soybeans | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Soybean Meal | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Rapeseed | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 | 9.0 |
| Rapeseed Meal | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Sunflower | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Sunflower Meal | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Sunflower Oil | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 | 9.3 |
| Peanuts | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Peanut Meal | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Peanut Oil | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Palm Kernel Oil | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Raw Sugar-in quota | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Raw Sugar-out quota | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| **Colombia** | | | | | | | | | | | |
| Raw Sugar | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| **Cuba** | | | | | | | | | | | |
| Raw Sugar | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| **Egypt** | | | | | | | | | | | |
| Raw Sugar | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| **European Union** | | | | | | | | | | | |
| Soybean Oil | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| Rapeseed Oil | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| Sunflower Oil | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| Palm Kernel Oil | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| Palm Oil | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 |
| Peanut Oil | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| | | | | | | (Euro per Metric Ton) | | | | | |
| Raw Sugar | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 | 339.0 |
| **India** | | | | | | (Percent) | | | | | |
| Wheat | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Corn - in quota | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Corn - out quota | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Soybeans | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| Soybean Meal | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| Soybean Oil | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| Rapeseed | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| Rapeseed Meal | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| Rapeseed Oil | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| Palm Oil | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| Peanut | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| Peanut Meal | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 | 30.6 |
| Peanut Oil | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| Raw Sugar | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| | | | | | | (Rupees per Metric Ton) | | | | | |
| Sugar - Countervailing Rate | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 | 850.0 |
| **Indonesia** | | | | | | (Percent) | | | | | |
| Corn | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Rapeseed Meal | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Raw Sugar | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |

## Agricultural Policy Assumptions for Crops (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tariffs** | | | | | | | | | | | |
| **Japan** | | | | | | (Percent) | | | | | |
| Wheat - in quota | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 | 9.5 |
| Wheat - out quota | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 | 488.3 |
| Barley - in quota | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Barley - out quota | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 | 351.7 |
| | | | | | | (Yen per Kilogram) | | | | | |
| Soybean Oil | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| Rapeseed Oil | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 | 13.2 |
| White Sugar | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| **Mexico** | | | | | | (Percent) | | | | | |
| Corn - in quota | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Corn - out quota | 55.0 | 36.7 | 18.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | (U.S. Dollars per Kilogram) | | | | | |
| Raw Sugar | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| **Morocco** | | | | | | (Percent) | | | | | |
| Raw Sugar | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| **Nigeria** | | | | | | | | | | | |
| Wheat | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Corn | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| **Pakistan** | | | | | | | | | | | |
| Raw Sugar | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| **Peru** | | | | | | | | | | | |
| Raw Sugar | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| **Philippines** | | | | | | | | | | | |
| Wheat | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Corn | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| Sugar - in quota | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Sugar - out quota | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| **Russia** | | | | | | | | | | | |
| Wheat | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Corn | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Barley | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Soybean Oil | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Rapeseed Oil | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Sunflower Oil | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| **South Africa** | | | | | | (Rand per Metric Ton) | | | | | |
| Raw Sugar | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 | 233.0 |
| **South Korea** | | | | | | (Percent) | | | | | |
| Soybean - in quota | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Soybean - out quota | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 | 497.8 |
| Rapeseed Meal | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Soybean Oil | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| Soybean Meal | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| Sunflower Meal | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Raw Sugar | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| **Taiwan** | | | | | | | | | | | |
| Wheat | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| Soybean Oil | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |

## Agricultural Policy Assumptions for Crops (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Tariffs** | | | | | | | | | | | |
| **Thailand** | | | | | | (Percent) | | | | | |
| Raw Sugar-in quota | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| Raw Sugar-out quota | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| **Turkey** | | | | | | | | | | | |
| Sugar - EU Imports | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 | 108.0 |
| Sugar - Third Country Imports | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 | 135.0 |
| **Ukraine** | | | | | | | | | | | |
| Wheat | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Corn | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Barley | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| **Venezuela** | | | | | | | | | | | |
| Raw Sugar | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| **Import Access Commitment / Tariff Rate Quotas** | | | | | | | | | | | |
| **China** | | | | | | (Thousand Metric Tons) | | | | | |
| Corn | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 | 7,200 |
| Rice - Medium grain | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 |
| Rice - Long grain | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 | 2,660 |
| Wheat | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 | 9,636 |
| Soybean Oil | 3,118 | | | | | | | | | | |
| Rapeseed Oil | 1,127 | | | | | | | | | | |
| Palm Oil | 2,700 | | | | | | | | | | |
| Raw Sugar | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 | 1,950 |
| **India** | | | | | | (Million Metric Tons) | | | | | |
| Corn | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| **Japan** | | | | | | (Thousand Metric Tons) | | | | | |
| Wheat | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 | 5,740 |
| Barley | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 | 1,369 |
| Rice | 682 | 682 | 682 | 682 | 682 | 682 | 682 | 682 | 682 | 682 | 682 |
| **Mexico** | | | | | | | | | | | |
| Corn | 3,461 | 3,564 | 3,671 | | | | | | | | |
| **South Korea** | | | | | | | | | | | |
| Corn | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 | 6,102 |
| Rice | 471 | 246 | 266 | 287 | 307 | 327 | 348 | 368 | 388 | 409 | 409 |
| Tariff Rate Quotas | | | | | | | | | | | |
| Soybean Oil | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 |
| **Subsidized Export Limits** | | | | | | | | | | | |
| **European Union** | | | | | | | | | | | |
| Wheat | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 | 14,438 |
| Coarse Grains | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 | 10,843 |
| | | | | | | (Million Metric Tons) | | | | | |
| White Sugar | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 | 1.274 |

## Agricultural Policy Assumptions for Crops (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Export Tax** | | | | | | | | | | | |
| **Argentina** | | | | | | (Percent) | | | | | |
| Wheat | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Corn | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Sorghum | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Barley | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Soybean | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| Soybean Meal | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Soybean Oil | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| Sunflower | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| Sunflower Meal | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Sunflower Oil | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 | 19.3 |
| Peanuts | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| Peanut Meal | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| Peanut Oil | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| **CIS** | | | | | | | | | | | |
| Russia | | | | | | | | | | | |
| Rapeseed | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Sunflower | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Ukraine | | | | | | | | | | | |
| Sunflower | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| **Indonesia** | | | | | | | | | | | |
| Export Tax | | | | | | | | | | | |
| Palm Oil | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| **Domestic Value Added Tax** | | | | | | | | | | | |
| **Brazil** | | | | | | (Percent) | | | | | |
| Soybean | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| Soybean Meal | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| Soybean Oil | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| **China** | | | | | | | | | | | |
| Value Added Tax | | | | | | | | | | | |
| Oilseeds and Products | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |

## Agricultural Policy Assumptions for Livestock and Dairy Products

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Policy Prices** | | | | | | | | | | | |
| **Canada** | | | | | (Canadian Cents per Hectoliter) | | | | | | |
| Target Price for Industrial Milk | 63.3 | 63.7 | 64.0 | 64.4 | 64.8 | 65.2 | 65.6 | 66.0 | 66.4 | 66.8 | 67.3 |
| | | | | | (Canadian Dollars per Kilogram) | | | | | | |
| Support Price, Butter | 6.34 | 6.39 | 6.43 | 6.47 | 6.52 | 6.57 | 6.61 | 6.66 | 6.70 | 6.75 | 6.80 |
| Support Price, NFD | 5.42 | 5.45 | 5.47 | 5.50 | 5.53 | 5.56 | 5.58 | 5.61 | 5.64 | 5.67 | 5.70 |
| **European Union** | | | | | | | | | | | |
| Policy Prices | | | | | (Euro per Metric Ton) | | | | | | |
| Beef Basic | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 | 2,287 |
| Pork Basic | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 | 1,510 |
| Intervention Price for Butter | 2,938 | 2,710 | 2,530 | 2,464 | 2,464 | 2,464 | 2,464 | 2,464 | 2,464 | 2,464 | 2,464 |
| Intervention Price for NFD | 1,906 | 1,803 | 1,767 | 1,747 | 1,747 | 1,747 | 1,747 | 1,747 | 1,747 | 1,747 | 1,747 |
| **Japan** | | | | | (Yen per Kilogram) | | | | | | |
| Pork Standard Import Price | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 | 546.5 |
| **Import Tariffs** | | | | | | | | | | | |
| **Argentina** | | | | | (Percent) | | | | | | |
| Beef | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Pork | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| Broiler | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| Butter | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Cheese | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Nonfat Dry Milk | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Whole Milk Powder | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Fluid Milk | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| **Brazil** | | | | | | | | | | | |
| Beef | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Pork | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 | 12.7 |
| Broiler | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 |
| Butter | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Cheese | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Nonfat Dry Milk | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Whole Milk Powder | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Fluid Milk | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| **Bulgaria** | | | | | | | | | | | |
| Beef | 0.5 | 0.5 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Pork | 1.1 | 0.9 | 0.8 | 0.7 | 0.9 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| Poultry | 0.6 | 0.6 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Butter | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| Cheese | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| Nonfat Dry Milk | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| Fluid Milk | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| **Canada** | | | | | | | | | | | |
| Butter | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 | 298.7 |
| Cheese | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 | 245.6 |
| Nonfat Dry Milk | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 | 201.6 |
| Whole Milk Powder | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 | 243.4 |

## Agricultural Policy Assumptions for Livestock and Dairy Products (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **China** | | | | | | (Percent) | | | | | |
| Beef | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| Pork | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| Poultry | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Lamb-Mutton | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Egg | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Butter | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Cheese | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| Nonfat Dry Milk | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Whole Milk Powder | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Fluid Milk | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 10.0 | 10.0 | 10.0 |
| **Colombia** | | | | | | | | | | | |
| Butter | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 | 115.0 |
| Cheese | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 | 141.0 |
| Nonfat Dry Milk | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 |
| Whole Milk Powder | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 | 151.0 |
| **Egypt** | | | | | | | | | | | |
| Beef | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Poultry | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| Butter | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Cheese | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Nonfat Dry Milk | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Whole Milk Powder | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| **European Union*** | | | | | | (Euro per Metric Ton) | | | | | |
| Beef | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 | 1,768.3 |
| Pork | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 | 536.3 |
| Broiler | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 | 325.1 |
| | | | | | | (Percent) | | | | | |
| Beef | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| | | | | | | (Euro per Metric Ton) | | | | | |
| Butter | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 | 1,896.0 |
| Cheese | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 | 1,671.0 |
| Nonfat Dry Milk | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 | 1,188.0 |
| Whole Milk Powder | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 | 1,304.0 |
| **India** | | | | | | (Percent) | | | | | |
| Beef | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Poultry | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Butter | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Cheese | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Nonfat Dry Milk | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| **Indonesia** | | | | | | | | | | | |
| Beef | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Pork | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Broiler | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Butter | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Cheese | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Nonfat Dry Milk | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Whole Milk Powder | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| **Japan** | | | | | | | | | | | |
| Beef | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| Pork | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| Poultry | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| Butter | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 |
| Cheese | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 |
| Nonfat Dry Milk | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 |

* Note: 10 NMS harmonize to this tariff beginning in 2004.

## Agricultural Policy Assumptions for Livestock and Dairy Products (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Malaysia** | | | | | | (Percent) | | | | | |
| Butter | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| Cheese | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Nonfat Dry Milk | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Whole Milk Powder | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Mexico** | | | | | | | | | | | |
| Butter | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| Cheese | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 | 125.1 |
| Nonfat Dry Milk | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Whole Milk Powder | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| **New Zealand** | | | | | | | | | | | |
| Pork | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| Poultry | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 |
| Butter | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 |
| Cheese | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| Nonfat Dry Milk | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 | 12.8 |
| Whole Milk Powder | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Fluid Milk | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| **Peru** | | | | | | | | | | | |
| Butter | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Cheese | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Nonfat Dry Milk | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| Whole Milk Powder | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| **Philippines** | | | | | | | | | | | |
| Beef | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Pork | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Poultry | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| Butter | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Cheese | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| Nonfat Dry Milk | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Whole Milk Powder | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Fluid Milk | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| **Romania** | | | | | | | | | | | |
| Butter | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| Cheese | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| Nonfat Dry Milk | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| Fluid Milk | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| **Russia** | | | | | | | | | | | |
| Beef | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Pork | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Butter | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Cheese | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 |
| Nonfat Dry Milk | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Whole Milk Powder | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| Dairy Products | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| **Saudi Arabia** | | | | | | (U.S. Dollars per Kilogram) | | | | | |
| Poultry | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| **South Africa** | | | | | | (Percent) | | | | | |
| Beef | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| Poultry | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| **South Korea** | | | | | | (Percent) | | | | | |
| Beef | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Pork | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Broiler | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |

## Agricultural Policy Assumptions for Livestock and Dairy Products (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **South Korea** | | | | | | (Percent) | | | | | |
| Butter | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| Cheese | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 |
| Nonfat Dry Milk | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 |
| Whole Milk Powder | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 | 176.0 |
| **Switzerland** | | | | | | (Swiss Franc per Metric Ton) | | | | | |
| Butter | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 | 8,335 |
| Cheese | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 | 1,544 |
| Nonfat Dry Milk | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 | 3,230 |
| Whole Milk Powder | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 | 6,920 |
| **Thailand** | | | | | | (Percent) | | | | | |
| Beef | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Pork | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Poultry | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| Butter | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Cheese | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Nonfat Dry Milk | 10 | 22 | 20 | 22 | 23 | 25 | 28 | 30 | 32 | 35 | 37 |
| Whole Milk Powder | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| **Taiwan** | | | | | | (New Taiwan Dollars per Kilogram) | | | | | |
| Beef | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| | | | | | | (Percent) | | | | | |
| Pork | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 |
| Poultry | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| **Ukraine** | | | | | | | | | | | |
| Beef | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
| Pork | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Poultry | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Butter | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Cheese | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Nonfat Dry Milk | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| Whole Milk Powder | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |
| **Uruguay** | | | | | | | | | | | |
| Butter | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| Cheese | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 |
| Nonfat Dry Milk | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| Whole Milk Powder | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 |
| **Import Access Commitment** | | | | | | | | | | | |
| **Bulgaria** | | | | | | (Thousand Metric Ton) | | | | | |
| Beef | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| Pork | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| Poultry | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Butter | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| Cheese | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| Nonfat Dry Milk | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| **Canada** | | | | | | | | | | | |
| Beef | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| Poultry NAFTA Min. Access | 71.0 | 75.0 | 73.7 | 73.3 | 74.4 | 76.0 | 77.2 | 77.5 | 77.8 | 79.0 | 80.1 |
| Butter | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Cheese | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 | 20.4 |

## Agricultural Policy Assumptions for Livestock and Dairy Products (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **European Union-15** | | | | | (Thousand Metric Ton) | | | | | | |
| Pork | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| Butter | 96.7 | 98.7 | 100.7 | 102.7 | 104.7 | 106.7 | 108.7 | 110.7 | 112.7 | 112.7 | 112.7 |
| Cheese | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 | 122.8 |
| Nonfat Dry Milk | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| **EU New Member States** | | | | | | | | | | | |
| Beef | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| Pork | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 | 116.5 |
| Poultry | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| Butter | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 | 21.2 |
| Cheese | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| Nonfat Dry Milk | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 | 23.2 |
| **Philippines** | | | | | | | | | | | |
| Beef | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| Pork | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| Poultry | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 |
| **South Africa** | | | | | | | | | | | |
| Beef | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 |
| Poultry | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 |
| **South Korea** | | | | | | | | | | | |
| Butter | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Nonfat Dry Milk | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Whole Milk Powder | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| **Taiwan** | | | | | | | | | | | |
| Pork | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 | 15.4 |
| **Maximum Subsidized Export Commitment** | | | | | | | | | | | |
| **Brazil** | | | | | | | | | | | |
| Beef | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| Poultry | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| **Bulgaria** | | | | | | | | | | | |
| Beef | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Pork | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Poultry | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| **European Union-15** | | | | | | | | | | | |
| Beef | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 | 822 |
| Pork | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 |
| Poultry | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 | 286 |
| Butter | 399 | 399 | 399 | 399 | 399 | 399 | 399 | 399 | 399 | 399 | 399 |
| Cheese | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 | 321 |
| Nonfat Dry Milk | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 |
| Other Milk Products | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 | 958 |
| **EU New Member States** | | | | | | | | | | | |
| Beef | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| Pork | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 | 209 |
| Poultry | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |
| Butter | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| Cheese | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Nonfat Dry Milk | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 | 113 |
| **Romania** | | | | | | | | | | | |
| Pork | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 | 147 |
| Poultry | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| **South Africa** | | | | | | | | | | | |
| Beef | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Poultry | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

## Other Agricultural Policy Assumptions

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Other Policies** | | | | | | | | | | | |
| White Sugar Production Quota | | | | | (Thousand Metric Ton) | | | | | | |
| EU New Member States | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 | 2,958 |
| EU-15 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 | 14,482 |
| | | | | | (Million Metric Tons) | | | | | | |
| Milk Delivery Quota | 119 | 119 | 120 | 120 | 121 | 121 | 121 | 121 | 121 | 121 | 121 |
| **Summary Table of EU CAP Reform and Enlargement** | | | | | | | | | | | |
| **Decoupling** | | | | | (percent) | | | | | | |
| Crops | 33 | 67 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| Livestock | | | | | | | | | | | |
| Cattle | 26 | 52 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| Sheep | 24 | 49 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 |
| Dairy | 33 | 67 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| **Modulation** | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Set-aside Rate † | | | | | | | | | | | |
| EU-15 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| EU NMS | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| **Dairy Quota** | | | | | (Million Metric Tons) | | | | | | |
| EU-15 | 119.0 | 119.3 | 119.8 | 120.3 | 120.3 | 120.3 | 120.3 | 120.3 | 120.3 | 120.3 | 120.3 |
| EU NMS | 18.3 | 18.4 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 |
| **Intervention Price and Premium** | | | | | | | | | | | |
| | | | | | (Euro per 100 Kilogram) | | | | | | |
| Butter** | 293.84 | 270.98 | 252.96 | 246.39 | 246.39 | 246.39 | 246.39 | 246.39 | 246.39 | 246.39 | 246.39 |
| NFD** | 190.61 | 180.33 | 176.69 | 174.69 | 174.69 | 174.69 | 174.69 | 174.69 | 174.69 | 174.69 | 174.69 |
| **Payments** | | | | | (Euro per Metric Ton) | | | | | | |
| Arable Area Payment ‡ | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| | | | | | (Percent) | | | | | | |
| National Top Up | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| EU payments | 30 | 35 | 40 | 50 | 60 | 70 | 70 | 70 | 70 | 70 | 70 |
| Total | 60 | 65 | 70 | 80 | 90 | 100 | 100 | 100 | 100 | 100 | 100 |

‡ Arable area payments become part of SFP starting in 2005 for EU-15 members.

† Average set-aside prior to exemption for small producers.

** Calendar-average prices of marketing-year prices.

# U.S. Crops

# U.S. Wheat

After two years of decline, the acreage of wheat planted for harvest in 2006 is expected to increase. In spite of the increase in planted area, harvested acreage may decline in 2006, in part because drought conditions in the Southern Plains may result in an increase in abandonment.

U.S. wheat exports are down in 2005/06, and strong foreign competition could lead to another decline in 2006/07. The growth of U.S. wheat exports in later years of the baseline is limited by available supplies, as wheat must compete with corn and other crops for land.

Per capita domestic food use declines slightly over the baseline, but population growth results in a slight increase in total wheat food use. Feed use of wheat is fairly stable for several years but declines in later years as wheat prices increase relative to corn.

Season average wheat prices have been near $3.40 per bushel for three straight years, and projected prices remain between $3.30 and $3.50 per bushel for the next three years as well. Prices increase in later years, largely because of modest increases in export demand and rising prices for competing grains.

Higher production costs and lower yields contribute to a decline in wheat producer net returns in 2005/06. If production cost inflation slows as projected, rising wheat prices and yields could result in a modest recovery in net returns after 2006/07. The projected recovery in wheat net returns is not sufficient to discourage further reductions in wheat acreage, given faster growth in corn returns.

## U.S. Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 75.5 | 75.4 | 75.4 | 75.5 | 75.5 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| Planted Area | 57.2 | 58.2 | 57.9 | 57.8 | 57.5 | 57.3 | 57.1 | 56.9 | 56.7 | 56.4 | 56.2 |
| Harvested Area | 50.1 | 49.2 | 49.2 | 49.1 | 48.8 | 48.7 | 48.4 | 48.3 | 48.1 | 47.9 | 47.7 |
| **Yield** | | | | | (Bushels per Acre) | | | | | | |
| Actual | 42.0 | 41.8 | 42.0 | 42.3 | 42.6 | 42.9 | 43.2 | 43.6 | 43.9 | 44.2 | 44.5 |
| Program, Direct | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 |
| Program, CCP | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 | 36.1 |
| | | | | | (Million Bushels) | | | | | | |
| **Supply** | 2,730 | 2,678 | 2,696 | 2,695 | 2,689 | 2,679 | 2,673 | 2,672 | 2,676 | 2,678 | 2,682 |
| Beginning Stocks | 540 | 537 | 546 | 532 | 524 | 505 | 494 | 484 | 480 | 479 | 476 |
| Production | 2,105 | 2,056 | 2,065 | 2,077 | 2,080 | 2,090 | 2,095 | 2,103 | 2,111 | 2,115 | 2,121 |
| Imports | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| **Domestic Use** | 1,192 | 1,200 | 1,203 | 1,209 | 1,204 | 1,201 | 1,193 | 1,185 | 1,177 | 1,167 | 1,159 |
| Feed, Residual | 202 | 204 | 206 | 209 | 203 | 198 | 188 | 178 | 167 | 155 | 144 |
| Seed | 80 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 |
| Food, Other | 911 | 917 | 918 | 920 | 922 | 924 | 926 | 928 | 931 | 933 | 936 |
| **Exports** | 1,000 | 932 | 960 | 962 | 980 | 984 | 996 | 1,006 | 1,021 | 1,035 | 1,048 |
| **Total Use** | 2,192 | 2,132 | 2,164 | 2,171 | 2,184 | 2,186 | 2,189 | 2,192 | 2,198 | 2,202 | 2,207 |
| **Ending Stocks** | 537 | 546 | 532 | 524 | 505 | 494 | 484 | 480 | 479 | 476 | 476 |
| CCC Inventory | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Under Loan | 58 | 59 | 57 | 56 | 53 | 51 | 50 | 49 | 49 | 48 | 47 |
| Other Stocks | 439 | 447 | 435 | 428 | 412 | 403 | 394 | 391 | 390 | 388 | 388 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/bu | 3.38 | 3.30 | 3.39 | 3.45 | 3.55 | 3.61 | 3.66 | 3.69 | 3.72 | 3.75 | 3.77 |
| Loan Rate/bu | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 |
| Average LDP Rate/bu | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Target Price/bu | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 | 3.92 |
| CCP Rate/bu | 0.02 | 0.10 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/bu | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 | 0.52 |
| Gross Market Revenue/a | 141.96 | 137.95 | 142.55 | 145.89 | 151.31 | 154.80 | 158.31 | 160.83 | 163.25 | 165.70 | 167.79 |
| LDP Revenue/a | 0.31 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Variable Expenses/a | 80.63 | 86.82 | 86.09 | 86.16 | 86.36 | 86.15 | 86.37 | 87.29 | 88.95 | 90.59 | 92.22 |
| Mkt+LDP Net Returns/a | 61.64 | 51.62 | 56.46 | 59.73 | 64.95 | 68.65 | 71.94 | 73.53 | 74.30 | 75.11 | 75.57 |
| CCP Revenue/Base a | 0.60 | 2.98 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 | 15.25 |

# U.S. Rice

Rice area is expected to contract in 2006, as producers respond to large increases in production costs. Rice area varies in a relatively narrow range over the baseline period.

Projected growth in domestic use of rice reflects both population growth and a slight further increase in per capita consumption.

After increasing in 2005/06, U.S. rice exports are projected to decline in 2006/07 because of weaker global demand and limited U.S. supplies. World rice markets tighten after 2006/07, resulting in larger U.S. exports and higher U.S. prices.

Relative to the 1999-2001 period, world and domestic rice prices have strengthened considerably. Average rice farm prices remain above the loan rate throughout the baseline and increase at a modest rate beginning in 2009/10. Marketing loan benefits depend on the AWP, which is linked to world market prices. The AWP remains below the loan rate through 2012/13.

While rice farm prices have increased sharply since 2002/03, higher market returns have been offset by lower government payments. Marketing loan benefits, for example, have declined from over $200 per acre in 2002/03 to less than $50 per acre in 2004/05 and 2005/06.

Sharp increases in production costs have led to lower net returns to rice production. Fuel and fertilizer prices moderate slightly beginning in 2007/08, and overall rice variable expenses are fairly stable from 2006/07 to 2012/13.

At the prices in this deterministic baseline, rice loan program benefits and CCPs are both zero by 2013/14. In any given year, of course, high yields or weak demand could result in prices low enough to generate payments under both programs.

## U.S. Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 | 4.49 |
| Planted Area | 3.38 | 3.16 | 3.27 | 3.29 | 3.24 | 3.23 | 3.23 | 3.21 | 3.19 | 3.19 | 3.24 |
| Harvested Area | 3.36 | 3.14 | 3.24 | 3.26 | 3.22 | 3.21 | 3.20 | 3.18 | 3.16 | 3.16 | 3.22 |
| **Yield** | | | | | (Pounds per Acre) | | | | | | |
| Actual | 6,636 | 6,891 | 6,945 | 7,006 | 7,067 | 7,126 | 7,186 | 7,246 | 7,306 | 7,368 | 7,427 |
| Program, Direct | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 | 4,812 |
| Program, CCP | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 | 5,120 |
| | | | | | (Million Hundredweight) | | | | | | |
| **Supply** | 274.4 | 256.8 | 264.4 | 269.2 | 271.0 | 273.0 | 274.1 | 274.8 | 275.4 | 277.6 | 284.6 |
| Beginning Stocks | 37.7 | 26.0 | 23.8 | 24.6 | 26.5 | 26.4 | 25.2 | 24.2 | 23.4 | 22.7 | 22.2 |
| Production | 223.2 | 216.2 | 225.1 | 228.4 | 227.4 | 228.6 | 230.0 | 230.7 | 231.0 | 232.8 | 239.1 |
| Imports | 13.4 | 14.5 | 15.4 | 16.2 | 17.1 | 18.0 | 19.0 | 19.9 | 21.0 | 22.1 | 23.3 |
| **Domestic Use** | 126.8 | 129.8 | 131.2 | 133.2 | 134.3 | 135.4 | 136.7 | 138.0 | 139.3 | 140.5 | 141.9 |
| **Exports** | 121.6 | 103.1 | 108.6 | 109.5 | 110.3 | 112.4 | 113.2 | 113.5 | 113.4 | 114.9 | 120.6 |
| **Total Use** | 248.4 | 232.9 | 239.8 | 242.7 | 244.6 | 247.9 | 249.9 | 251.4 | 252.7 | 255.4 | 262.6 |
| **Ending Stocks** | 26.0 | 23.8 | 24.6 | 26.5 | 26.4 | 25.2 | 24.2 | 23.4 | 22.7 | 22.2 | 22.0 |
| CCC Inventory | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other Stocks | 26.0 | 23.8 | 24.6 | 26.5 | 26.4 | 25.2 | 24.2 | 23.4 | 22.7 | 22.2 | 22.0 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/cwt | 7.77 | 7.31 | 7.42 | 7.24 | 7.52 | 7.77 | 7.96 | 8.20 | 8.44 | 8.69 | 8.88 |
| Adjusted World Price/cwt | 5.90 | 5.43 | 5.49 | 5.42 | 5.71 | 5.96 | 6.17 | 6.42 | 6.68 | 6.91 | 7.11 |
| Loan Rate/cwt | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 | 6.50 |
| Average LDP Rate/cwt | 0.66 | 1.08 | 1.02 | 1.09 | 0.80 | 0.55 | 0.34 | 0.09 | 0.00 | 0.00 | 0.00 |
| Target Price/cwt | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 | 10.50 |
| CCP Rate/cwt | 0.38 | 0.84 | 0.73 | 0.91 | 0.63 | 0.38 | 0.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/cwt | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 | 2.35 |
| Gross Market Revenue/a | 515.55 | 503.82 | 515.51 | 507.44 | 531.20 | 553.50 | 572.32 | 594.53 | 616.60 | 640.27 | 659.64 |
| LDP Revenue/a | 43.91 | 74.58 | 70.83 | 76.40 | 56.70 | 39.22 | 24.18 | 6.42 | 0.00 | 0.00 | 0.00 |
| Variable Expenses/a | 402.86 | 429.39 | 426.68 | 426.07 | 425.36 | 422.38 | 422.02 | 425.04 | 432.31 | 439.38 | 446.25 |
| Mkt+LDP Net Returns/a | 156.59 | 149.01 | 159.66 | 157.77 | 162.53 | 170.34 | 174.47 | 175.92 | 184.29 | 200.88 | 213.39 |
| CCP Revenue/Base a | 16.58 | 36.49 | 31.67 | 39.48 | 27.55 | 16.64 | 8.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 | 96.13 |

## U.S. Long-Grain Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Planted Area | 2.75 | 2.41 | 2.49 | 2.50 | 2.47 | 2.48 | 2.48 | 2.48 | 2.47 | 2.47 | 2.53 |
| Arkansas | 1.54 | 1.32 | 1.36 | 1.36 | 1.34 | 1.35 | 1.35 | 1.35 | 1.34 | 1.35 | 1.38 |
| California | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Louisiana | 0.52 | 0.48 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.50 | 0.51 |
| Mississippi | 0.27 | 0.23 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 |
| Missouri | 0.22 | 0.20 | 0.21 | 0.21 | 0.20 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 |
| Texas | 0.20 | 0.17 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.19 |
| Harvested Area | 2.73 | 2.39 | 2.47 | 2.48 | 2.45 | 2.46 | 2.46 | 2.46 | 2.45 | 2.45 | 2.51 |
| | | | | | (Pounds per Acre) | | | | | | |
| **Yield** | 6,493 | 6,573 | 6,639 | 6,705 | 6,770 | 6,836 | 6,903 | 6,969 | 7,035 | 7,101 | 7,169 |
| | | | | | (Million Hundredweight) | | | | | | |
| **Supply** | 210.99 | 188.09 | 191.12 | 192.99 | 193.41 | 195.80 | 198.26 | 200.27 | 201.98 | 204.75 | 211.32 |
| Beginning Stocks | 22.70 | 19.34 | 14.76 | 13.50 | 13.54 | 13.38 | 13.26 | 13.07 | 12.82 | 12.55 | 12.33 |
| Production | 177.53 | 157.16 | 164.08 | 166.50 | 166.17 | 167.99 | 169.77 | 171.13 | 172.21 | 174.32 | 180.12 |
| Imports | 10.77 | 11.59 | 12.27 | 13.00 | 13.69 | 14.43 | 15.23 | 16.07 | 16.95 | 17.88 | 18.87 |
| **Domestic Use** | 94.08 | 95.89 | 96.82 | 97.60 | 98.10 | 98.75 | 99.41 | 100.07 | 100.67 | 101.46 | 102.29 |
| **Exports** | 97.57 | 77.43 | 80.81 | 81.85 | 81.94 | 83.80 | 85.78 | 87.38 | 88.76 | 90.95 | 96.82 |
| **Residual** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Ending Stocks** | 19.34 | 14.76 | 13.50 | 13.54 | 13.38 | 13.26 | 13.07 | 12.82 | 12.55 | 12.33 | 12.20 |
| **Prices** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/cwt | 7.25 | 6.53 | 6.65 | 6.56 | 6.91 | 7.22 | 7.49 | 7.80 | 8.13 | 8.43 | 8.67 |
| Milled Rice, Gulf/cwt | 14.88 | 13.40 | 13.65 | 13.46 | 14.20 | 14.84 | 15.39 | 16.03 | 16.70 | 17.30 | 17.80 |

## U.S. Medium-and Short-Grain Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Planted Area | 0.63 | 0.75 | 0.78 | 0.78 | 0.77 | 0.76 | 0.75 | 0.73 | 0.72 | 0.71 | 0.71 |
| Arkansas | 0.10 | 0.17 | 0.18 | 0.19 | 0.19 | 0.19 | 0.18 | 0.18 | 0.17 | 0.17 | 0.17 |
| California | 0.52 | 0.57 | 0.58 | 0.58 | 0.57 | 0.56 | 0.55 | 0.55 | 0.54 | 0.53 | 0.54 |
| Louisiana | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Mississippi | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Missouri | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Texas | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Harvested Area | 0.63 | 0.75 | 0.77 | 0.78 | 0.76 | 0.75 | 0.74 | 0.73 | 0.71 | 0.71 | 0.71 |
| | | | | | (Pounds per Acre) | | | | | | |
| **Yield** | 7,255 | 7,908 | 7,929 | 7,971 | 8,020 | 8,073 | 8,127 | 8,182 | 8,238 | 8,295 | 8,346 |
| | | | | | (Million Hundredweight) | | | | | | |
| **Supply** | 62.34 | 67.52 | 72.10 | 75.10 | 76.45 | 76.09 | 74.67 | 73.40 | 72.27 | 71.75 | 72.12 |
| Beginning Stocks | 13.83 | 5.50 | 7.94 | 9.97 | 11.84 | 11.93 | 10.75 | 9.97 | 9.40 | 9.01 | 8.73 |
| Production | 45.71 | 59.07 | 61.06 | 61.88 | 61.20 | 60.59 | 60.20 | 59.55 | 58.83 | 58.52 | 59.01 |
| Imports | 2.80 | 2.95 | 3.10 | 3.25 | 3.41 | 3.56 | 3.72 | 3.88 | 4.05 | 4.21 | 4.38 |
| **Domestic Use** | 32.82 | 33.93 | 34.37 | 35.58 | 36.20 | 36.69 | 37.33 | 37.92 | 38.61 | 39.08 | 39.64 |
| **Exports** | 24.02 | 25.65 | 27.76 | 27.67 | 28.32 | 28.65 | 27.38 | 26.08 | 24.65 | 23.94 | 23.81 |
| **Residual** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Ending Stocks** | 5.50 | 7.94 | 9.97 | 11.84 | 11.93 | 10.75 | 9.97 | 9.40 | 9.01 | 8.73 | 8.68 |
| **Prices** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/cwt | 10.21 | 9.71 | 9.82 | 9.40 | 9.47 | 9.59 | 9.62 | 9.68 | 9.68 | 9.81 | 9.87 |
| Milled Rice, Gulf/cwt | 24.85 | 23.63 | 23.90 | 22.89 | 23.04 | 23.34 | 23.41 | 23.57 | 23.55 | 23.89 | 24.04 |

# U.S. Corn

U.S. corn production set a new record in 2004, and 2005 production was the second largest ever. Total U.S. supplies of corn are actually larger in 2005/06 than a year earlier, as the increase in beginning stocks more than offset reduced production.

In spite of continued strong domestic demand for corn, these large supplies have resulted in lower corn prices in 2005/06. Corn area declines in 2006/07 in response to lower prices and increased production costs. The projected decline in production allows some reduction in stocks and higher market prices.

Higher fuel prices and provisions of the Energy Policy Act of 2005 have both contributed to a faster projected rate of growth in ethanol production than projected in last year's baseline.

Corn exports are projected to show little growth as corn prices rise between 2006/07 and 2010/11. Exports do increase in later years when corn prices stabilize. Projected ethanol use of corn exceeds corn exports in 2007/08.

The growth in ethanol demand is a major factor in explaining the significant increase in corn prices between 2005/06 and 2011/12. As the pace of ethanol expansion slows in later years, the rate of increase in corn prices slows.

Higher production costs and reduced prices and yields have resulted in a sharp decline in corn producer net returns in 2005/06, outweighing larger LDPs and CCPs. In 2006/07, producer margins may narrow further, as the effects of lower LDPs and higher production costs more than offset an increase in market prices. Lower expected returns encourage a reduction in corn acreage in 2006.

Rising prices and yields in later years increase returns and encourage producers to plant more corn. Corn planted area increases from 80 million acres in 2006 to 86 million acres in 2015.

## U.S. Corn Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.7 | 86.7 |
| Planted Area | 81.8 | 80.0 | 81.6 | 82.4 | 83.5 | 84.6 | 85.5 | 85.8 | 85.8 | 85.9 | 86.1 |
| Harvested Area | 75.1 | 72.7 | 74.3 | 75.1 | 76.1 | 77.2 | 78.1 | 78.4 | 78.4 | 78.6 | 78.7 |
| **Yield** | | | | | (Bushels per Acre) | | | | | | |
| Actual | 147.9 | 147.3 | 149.2 | 151.1 | 152.9 | 154.8 | 156.7 | 158.6 | 160.5 | 162.4 | 164.3 |
| Program, Direct | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 | 102.4 |
| Program, CCP | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 | 114.4 |
| | | | | | (Million Bushels) | | | | | | |
| **Supply** | 13,236 | 13,038 | 13,037 | 13,064 | 13,158 | 13,337 | 13,542 | 13,715 | 13,868 | 14,029 | 14,197 |
| Beginning Stocks | 2,114 | 2,314 | 1,943 | 1,709 | 1,508 | 1,380 | 1,303 | 1,274 | 1,274 | 1,261 | 1,254 |
| Production | 11,112 | 10,714 | 11,083 | 11,345 | 11,639 | 11,947 | 12,229 | 12,431 | 12,583 | 12,759 | 12,932 |
| Imports | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| **Domestic Use** | 9,072 | 9,143 | 9,380 | 9,581 | 9,786 | 10,005 | 10,163 | 10,244 | 10,302 | 10,366 | 10,434 |
| Feed, Residual | 6,114 | 5,961 | 5,973 | 5,967 | 5,970 | 5,995 | 6,052 | 6,092 | 6,103 | 6,114 | 6,128 |
| Fuel Alcohol | 1,576 | 1,800 | 2,027 | 2,234 | 2,431 | 2,620 | 2,714 | 2,749 | 2,789 | 2,836 | 2,883 |
| HFCS | 532 | 529 | 525 | 520 | 521 | 521 | 522 | 523 | 523 | 524 | 525 |
| Seed | 20 | 21 | 21 | 21 | 21 | 22 | 22 | 22 | 22 | 22 | 22 |
| Food, Other | 830 | 832 | 835 | 838 | 843 | 847 | 853 | 859 | 864 | 870 | 876 |
| **Exports** | 1,850 | 1,952 | 1,947 | 1,975 | 1,992 | 2,029 | 2,105 | 2,197 | 2,306 | 2,409 | 2,514 |
| **Total Use** | 10,922 | 11,095 | 11,328 | 11,556 | 11,778 | 12,033 | 12,268 | 12,441 | 12,607 | 12,775 | 12,949 |
| **Ending Stocks** | 2,314 | 1,943 | 1,709 | 1,508 | 1,380 | 1,303 | 1,274 | 1,274 | 1,261 | 1,254 | 1,248 |
| CCC Inventory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Loan | 263 | 312 | 297 | 268 | 245 | 232 | 227 | 230 | 228 | 229 | 229 |
| Other Stocks | 2,051 | 1,631 | 1,412 | 1,241 | 1,134 | 1,072 | 1,046 | 1,045 | 1,032 | 1,025 | 1,019 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/bu | 1.90 | 2.08 | 2.20 | 2.30 | 2.38 | 2.44 | 2.46 | 2.47 | 2.48 | 2.48 | 2.49 |
| Loan Rate/bu | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 |
| Average LDP Rate/bu | 0.41 | 0.10 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Target Price/bu | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 | 2.63 |
| CCP Rate/bu | 0.40 | 0.27 | 0.15 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/bu | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |
| Gross Market Revenue/a | 280.67 | 305.92 | 327.51 | 347.59 | 364.49 | 377.02 | 385.68 | 390.98 | 397.55 | 403.36 | 409.39 |
| LDP Revenue/a | 61.37 | 15.43 | 5.77 | 1.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Variable Expenses/a | 194.34 | 209.03 | 206.67 | 205.47 | 204.15 | 201.91 | 201.27 | 202.69 | 206.17 | 209.46 | 212.66 |
| Mkt+LDP Net Returns/a | 147.70 | 112.33 | 126.61 | 143.98 | 160.33 | 175.11 | 184.41 | 188.29 | 191.38 | 193.90 | 196.73 |
| CCP Revenue/Base a | 38.90 | 26.55 | 15.04 | 4.78 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 | 24.37 |

# U.S. Corn Products

Because of the growing importance of corn processing, the FAPRI baseline has been extended to incorporate projections for corn product markets.

Projected U.S. ethanol production exceeds the levels of renewable fuel usage mandated by the Energy Policy Act of 2005. Besides U.S.-produced ethanol, the mandate can also be met by biodiesel, ethanol imports, and other renewable fuels.

If the current pace of plant construction continues, ethanol production could exceed the reported levels. In estimates released after this baseline was prepared, for example, USDA projects a much sharper increase in ethanol production in 2006/07.

Ethanol prices at the plant typically exceed those of unleaded gasoline. The 51¢-per-gallon tax benefit for ethanol makes it price-competitive at the pump.

Given Global Insight forecasts of petroleum product prices, both gasoline and ethanol prices are likely to decline slightly between 2006 and 2012. Gross margins for ethanol producers are at historic highs but are expected to decline as corn prices increase and ethanol prices fall.

Production and consumption of HFCS are fairly stable over the baseline period. Per capita consumption of HFCS continues to decline, consistent with the trend of recent years.

Increased production of ethanol translates into increased production of corn by-products for use as livestock feed. Most of the projected growth in ethanol production occurs in dry-mill plants, where distillers grains are the by-product. Estimated domestic feed use of corn by-products now exceeds that of wheat, sorghum, barley, and oats combined. The projected growth in corn by-product feeding limits growth in feed use of corn and soybean meal.

Some of the data used to generate corn product projections are less reliable than other figures reported in this publication, and the models used to generate the estimates are still being refined. Significant future revisions of both the data and the models are likely.

## U.S. Corn Product Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ethanol** | | | | | (Million Gallons, Calendar Year) | | | | | | |
| Renewable Fuel Mandate | n.a. | 4,000 | 4,700 | 5,400 | 6,100 | 6,800 | 7,400 | 7,500 | 7,640 | 7,781 | 7,925 |
| Production | 3,893 | 4,592 | 5,226 | 5,853 | 6,438 | 7,000 | 7,466 | 7,704 | 7,837 | 7,985 | 8,146 |
| Imports | 81 | 74 | 81 | 88 | 98 | 108 | 114 | 111 | 116 | 120 | 124 |
| Disappearance | 3,976 | 4,635 | 5,272 | 5,905 | 6,501 | 7,073 | 7,552 | 7,797 | 7,944 | 8,096 | 8,261 |
| Ending Stocks | 250 | 281 | 317 | 353 | 388 | 422 | 451 | 469 | 477 | 485 | 494 |
| Price, FOB Omaha | | | | | (U.S. Dollars per Gallon) | | | | | | |
| Unleaded Gas | 1.66 | 1.70 | 1.68 | 1.64 | 1.59 | 1.51 | 1.46 | 1.42 | 1.44 | 1.47 | 1.50 |
| Ethanol | 1.80 | 1.89 | 1.88 | 1.85 | 1.81 | 1.76 | 1.72 | 1.66 | 1.68 | 1.71 | 1.73 |
| **High-Fructose Corn Syrup** | | | | | (Thousand Tons, Calendar Year) | | | | | | |
| Production | 9,196 | 9,204 | 9,148 | 9,069 | 9,013 | 9,031 | 9,032 | 9,050 | 9,062 | 9,072 | 9,087 |
| Domestic Use | 9,084 | 9,083 | 9,016 | 8,923 | 8,865 | 8,879 | 8,877 | 8,891 | 8,900 | 8,906 | 8,919 |
| Net Exports | 112 | 122 | 132 | 146 | 148 | 152 | 156 | 159 | 162 | 165 | 169 |
| | | | | | (Thousand Tons, Oct.-Sept. Year) | | | | | | |
| Production (Oct.-Sept. Year) | 9,216 | 9,167 | 9,090 | 9,007 | 9,032 | 9,027 | 9,046 | 9,060 | 9,068 | 9,084 | 9,099 |
| | | | | | (U.S. Cents per Pound, Sept.-Aug. Year) | | | | | | |
| Price, 42% Tank Cars, MW | 13.78 | 13.29 | 13.30 | 13.29 | 13.24 | 12.94 | 12.91 | 12.74 | 12.70 | 12.63 | 12.52 |
| **Distillers Grains** | | | | | (Thousand Tons, Sept.-Aug. Year) | | | | | | |
| Production (Dry Equivalent) | 10,083 | 11,943 | 13,751 | 15,459 | 17,109 | 18,724 | 19,528 | 19,849 | 20,167 | 20,507 | 20,846 |
| | | | | | (U.S. Dollars per Ton, Sept.-Aug. Year) | | | | | | |
| Price, Lawrenceburg, IN | 76.77 | 76.31 | 78.47 | 79.29 | 79.35 | 79.33 | 79.50 | 79.15 | 78.63 | 77.78 | 76.88 |
| **Corn Gluten Feed** | | | | | (Thousand Tons, Sept.-Aug. Year) | | | | | | |
| Production | 8,896 | 8,918 | 8,983 | 9,004 | 9,043 | 9,056 | 9,082 | 9,095 | 9,137 | 9,203 | 9,276 |
| Domestic Use | 5,721 | 5,799 | 5,912 | 5,971 | 6,038 | 6,070 | 6,107 | 6,123 | 6,170 | 6,238 | 6,314 |
| Net Exports | 3,175 | 3,119 | 3,071 | 3,033 | 3,005 | 2,986 | 2,975 | 2,972 | 2,967 | 2,965 | 2,962 |
| | | | | | (U.S. Dollars per Ton, Sept.-Aug. Year) | | | | | | |
| Price, 21%, IL Points | 50.95 | 53.27 | 56.01 | 57.95 | 59.21 | 60.08 | 60.58 | 60.50 | 60.41 | 60.09 | 59.76 |
| **Corn Gluten Meal** | | | | | (Thousand Tons, Sept.-Aug. Year) | | | | | | |
| Production | 2,341 | 2,347 | 2,364 | 2,369 | 2,380 | 2,383 | 2,390 | 2,393 | 2,404 | 2,422 | 2,441 |
| Domestic Use | 1,451 | 1,425 | 1,439 | 1,439 | 1,444 | 1,442 | 1,444 | 1,442 | 1,448 | 1,459 | 1,472 |
| Net Exports | 891 | 922 | 925 | 930 | 936 | 941 | 946 | 951 | 957 | 963 | 969 |
| | | | | | (U.S. Dollars per Ton, Sept.-Aug. Year) | | | | | | |
| Price, 60%, IL Points | 275.18 | 258.31 | 264.16 | 264.87 | 263.32 | 263.01 | 263.45 | 262.36 | 260.04 | 256.63 | 252.92 |
| **Corn Oil** | | | | | (Million Pounds, Oct.-Sept. Year) | | | | | | |
| Production | 2,450 | 2,456 | 2,474 | 2,480 | 2,491 | 2,494 | 2,501 | 2,505 | 2,516 | 2,534 | 2,555 |
| Domestic Use | 1,691 | 1,687 | 1,716 | 1,720 | 1,727 | 1,729 | 1,734 | 1,735 | 1,744 | 1,760 | 1,778 |
| Net Exports | 746 | 764 | 762 | 763 | 765 | 767 | 768 | 771 | 773 | 775 | 777 |
| Ending Stocks | 169 | 174 | 170 | 167 | 165 | 164 | 162 | 161 | 161 | 160 | 159 |
| | | | | | (U.S. Cents per Pound, Oct.-Sept. Year) | | | | | | |
| Chicago Price | 25.42 | 24.27 | 25.62 | 26.62 | 27.13 | 27.60 | 28.13 | 28.56 | 28.96 | 29.41 | 29.93 |

# U.S. Sorghum

Sorghum planted area declined by almost 4 million acres between 2001 and 2005, as producer returns for sorghum have not been competitive with other crops. No recovery in sorghum area is projected for 2006, and further reductions could occur in later years of the baseline if returns do not improve significantly.

Sorghum feed use is limited by available supplies. Sorghum feed use declines after 2009/10, as sorghum prices increase relative to corn prices, making sorghum less attractive to livestock feeders.

Sorghum exports decline through 2008/09, as reduced Mexican corn tariffs make corn more competitive in Mexican livestock rations, reducing demand for sorghum. In later years, increased global demand for coarse grains results in a modest increase in sorghum exports.

Increased ethanol production from sorghum resulted in a significant increase in industrial use of sorghum between 2002/03 and 2004/05. Further modest increases are projected.

Increases in production costs have eroded sorghum producer returns. Average estimated returns from market sales less variable production expenses are negative in 2005/06.

Marketing loan benefits are substantial for sorghum producers in 2005/06, primarily because of very low prices early in the marketing year. Marketing loan benefits shrink in 2006/07 as market prices improve. Producers with sorghum base acreage were also expected to receive an average of $30 per base acre in 2005/06 in DPs and CCPs. As projected prices increase in 2006/07 and later years, CCPs decline.

## U.S. Sorghum Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 11.94 | 11.93 | 11.93 | 11.94 | 11.94 | 11.93 | 11.93 | 11.93 | 11.92 | 11.92 | 11.92 |
| Planted Area | 6.45 | 6.43 | 6.50 | 6.42 | 6.33 | 6.26 | 6.22 | 6.17 | 6.10 | 6.05 | 6.01 |
| Harvested Area | 5.74 | 5.40 | 5.47 | 5.39 | 5.31 | 5.24 | 5.20 | 5.16 | 5.10 | 5.05 | 5.02 |
| **Yield** | | | | | (Bushels per Acre) | | | | | | |
| Actual | 68.7 | 64.2 | 64.4 | 64.6 | 64.8 | 65.0 | 65.2 | 65.4 | 65.6 | 65.8 | 66.1 |
| Program, Direct | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| Program, CCP | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| | | | | | (Million Bushels) | | | | | | |
| **Supply** | 451 | 420 | 408 | 400 | 392 | 387 | 383 | 380 | 377 | 374 | 373 |
| Beginning Stocks | 57 | 73 | 56 | 52 | 49 | 45 | 43 | 42 | 42 | 42 | 41 |
| Production | 394 | 347 | 352 | 348 | 344 | 341 | 339 | 337 | 335 | 333 | 332 |
| Imports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Domestic Use** | 208 | 197 | 202 | 207 | 202 | 195 | 188 | 179 | 172 | 165 | 159 |
| Feed, Residual | 151 | 140 | 145 | 148 | 143 | 135 | 127 | 117 | 108 | 101 | 93 |
| Food, Seed, Ind. | 57 | 57 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 |
| **Exports** | 170 | 167 | 154 | 145 | 145 | 148 | 152 | 158 | 164 | 168 | 174 |
| **Total Use** | 378 | 364 | 356 | 351 | 347 | 343 | 340 | 337 | 335 | 333 | 332 |
| **Ending Stocks** | 73 | 56 | 52 | 49 | 45 | 43 | 42 | 42 | 42 | 41 | 41 |
| CCC Inventory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Loan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Stocks | 73 | 56 | 51 | 48 | 45 | 43 | 42 | 42 | 41 | 41 | 40 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/bu | 1.69 | 1.96 | 2.04 | 2.11 | 2.18 | 2.23 | 2.26 | 2.28 | 2.31 | 2.34 | 2.37 |
| Loan Rate/bu | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 | 1.95 |
| Average LDP Rate/bu | 0.37 | 0.14 | 0.07 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Target Price/bu | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 | 2.57 |
| CCP Rate/bu | 0.27 | 0.26 | 0.18 | 0.11 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/bu | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 |
| Sorghum/Corn Ratio | 0.89 | 0.94 | 0.93 | 0.92 | 0.91 | 0.92 | 0.92 | 0.92 | 0.93 | 0.94 | 0.95 |
| Gross Market Revenue/a | 115.83 | 125.62 | 131.33 | 136.28 | 141.08 | 145.00 | 147.56 | 149.11 | 151.57 | 154.09 | 156.71 |
| LDP Revenue/a | 25.63 | 8.72 | 4.75 | 1.95 | 0.84 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Variable Expenses/a | 124.23 | 132.84 | 131.54 | 131.03 | 130.51 | 129.29 | 128.94 | 129.76 | 131.99 | 134.17 | 136.33 |
| Mkt+LDP Net Returns/a | 17.23 | 1.50 | 4.54 | 7.19 | 11.41 | 15.72 | 18.63 | 19.35 | 19.58 | 19.92 | 20.39 |
| CCP Revenue/Base a | 13.33 | 13.05 | 8.97 | 5.46 | 2.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 | 16.81 |

# U.S. Barley

U.S. barley planted area dropped below 4 million acres in 2005, the lowest level in decades. As in the case of sorghum, no recovery in barley area is projected, and further declines are likely unless returns improve.

Food, seed, and industrial use of barley has declined in recent years, reflecting reduced use of barley in producing beer. Further declines in per capita consumption of barley are projected, but population growth leaves total food, seed, and industrial use fairly constant.

Feed use of barley has contracted because of reduced supplies of feed-quality barley. Given relative prices of malting and feed quality barley, an increasing share of production is targeted for the malting market.

U.S. trade in barley has been limited in recent years, with imports and exports typically similar in magnitude. During the projection period, the United States is a small net exporter of barley.

Barley net returns over variable expenses have declined in 2005/06, as yields in 2005 did not match the 2004 record and production costs have increased. The table shows average barley returns. Malting and feed barley producers may have very different experiences than suggested by these all-barley averages. Note that the all-barley price is typically about 60¢ per bushel above the feed barley price.

## U.S. Barley Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 8.70 | 8.70 | 8.69 | 8.70 | 8.70 | 8.70 | 8.69 | 8.69 | 8.69 | 8.69 | 8.69 |
| Planted Area | 3.88 | 3.89 | 3.87 | 3.81 | 3.80 | 3.73 | 3.67 | 3.60 | 3.53 | 3.48 | 3.45 |
| Harvested Area | 3.27 | 3.42 | 3.40 | 3.34 | 3.34 | 3.27 | 3.22 | 3.16 | 3.10 | 3.06 | 3.03 |
| **Yield** | | | | | (Bushels per Acre) | | | | | | |
| Actual | 64.8 | 63.6 | 64.1 | 64.7 | 65.3 | 65.9 | 66.4 | 67.1 | 67.7 | 68.3 | 68.9 |
| Program, Direct | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 |
| Program, CCP | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 |
| | | | | | (Million Bushels) | | | | | | |
| **Supply** | 351 | 337 | 328 | 320 | 319 | 315 | 313 | 311 | 310 | 310 | 311 |
| Beginning Stocks | 128 | 109 | 101 | 94 | 92 | 92 | 91 | 92 | 92 | 92 | 91 |
| Production | 212 | 217 | 218 | 216 | 218 | 215 | 214 | 212 | 210 | 209 | 209 |
| Imports | 10 | 11 | 10 | 9 | 8 | 8 | 7 | 8 | 8 | 10 | 11 |
| **Domestic Use** | 213 | 207 | 204 | 197 | 194 | 191 | 188 | 187 | 187 | 188 | 191 |
| Feed, Residual | 70 | 65 | 62 | 56 | 53 | 49 | 46 | 45 | 45 | 46 | 48 |
| Food, Seed, Ind. | 143 | 142 | 142 | 141 | 141 | 142 | 142 | 142 | 142 | 142 | 143 |
| **Exports** | 29 | 29 | 30 | 31 | 32 | 33 | 33 | 33 | 32 | 30 | 29 |
| **Total Use** | 242 | 236 | 234 | 228 | 227 | 224 | 222 | 220 | 219 | 219 | 220 |
| **Ending Stocks** | 109 | 101 | 94 | 92 | 92 | 91 | 92 | 92 | 92 | 91 | 91 |
| CCC Inventory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Loan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Stocks | 108 | 100 | 93 | 91 | 91 | 90 | 90 | 91 | 91 | 90 | 90 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| All Barley Farm Price/bu | 2.48 | 2.60 | 2.66 | 2.73 | 2.75 | 2.77 | 2.76 | 2.75 | 2.76 | 2.77 | 2.79 |
| Feed Barley Price/bu | 1.81 | 1.94 | 2.02 | 2.10 | 2.14 | 2.17 | 2.18 | 2.18 | 2.19 | 2.20 | 2.21 |
| Loan Rate/bu | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 | 1.85 |
| Average LDP Rate/bu | 0.23 | 0.12 | 0.06 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Target Price/bu | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 | 2.24 |
| CCP Rate/bu | 0.15 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/bu | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 | 0.24 |
| Gross Market Revenue/a | 160.73 | 165.36 | 170.49 | 176.85 | 179.55 | 182.15 | 183.52 | 184.34 | 186.67 | 189.38 | 192.09 |
| LDP Revenue/a | 14.96 | 7.67 | 4.02 | 2.12 | 1.40 | 0.92 | 0.76 | 0.83 | 0.69 | 0.53 | 0.36 |
| Variable Expenses/a | 94.58 | 100.92 | 100.31 | 100.42 | 100.63 | 100.38 | 100.62 | 101.62 | 103.45 | 105.27 | 107.06 |
| Mkt+LDP Net Returns/a | 81.11 | 72.11 | 74.20 | 78.55 | 80.31 | 82.69 | 83.65 | 83.55 | 83.90 | 84.65 | 85.39 |
| CCP Revenue/Base a | 6.21 | 2.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 | 9.71 |

# U.S. Oats

Oat planted area increased slightly in 2005, but harvested area remained below 2 million acres for the second straight year. With weak producer returns relative to other crops, projected oat area is steady to declining over the baseline.

Oat imports dip in 2005/06 because of reduced Canadian supplies, but they are projected to recover in 2006/07 and remain stable in later years.

Slight further increases in oat food, seed, and industrial use primarily reflect population growth. Feed use is limited by the availability of oat supplies and by oat prices that are high relative to feed values for most uses.

At projected market prices, neither LDPs nor CCPs would be available to oat producers, and DPs for oats are very small relative to those for other crops.

As for other crops, oat producer net returns have declined in 2005/06 because of increases in production costs. Projected oat returns increase with rising prices and yields but remain modest compared to returns for competing crops.

## U.S. Oat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.10 | 3.09 | 3.09 | 3.09 |
| Planted Area | 4.25 | 4.22 | 4.25 | 4.24 | 4.21 | 4.17 | 4.14 | 4.11 | 4.08 | 4.05 | 4.02 |
| Harvested Area | 1.82 | 1.84 | 1.87 | 1.87 | 1.85 | 1.82 | 1.80 | 1.78 | 1.76 | 1.74 | 1.72 |
| **Yield** | | | | | (Bushels per Acre) | | | | | | |
| Actual | 63.0 | 63.0 | 63.4 | 63.7 | 64.1 | 64.4 | 64.8 | 65.1 | 65.5 | 65.9 | 66.3 |
| Program, Direct | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| Program, CCP | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| | | | | | (Million Bushels) | | | | | | |
| **Supply** | 249 | 255 | 257 | 257 | 255 | 253 | 251 | 249 | 247 | 246 | 244 |
| Beginning Stocks | 58 | 51 | 51 | 50 | 49 | 47 | 46 | 45 | 44 | 43 | 43 |
| Production | 115 | 116 | 119 | 119 | 118 | 117 | 117 | 116 | 115 | 115 | 114 |
| Imports | 76 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 87 |
| **Domestic Use** | 195 | 202 | 204 | 205 | 205 | 205 | 204 | 202 | 201 | 200 | 199 |
| Feed, Residual | 121 | 126 | 128 | 129 | 129 | 128 | 126 | 124 | 123 | 122 | 120 |
| Food, Seed, Ind. | 75 | 75 | 76 | 76 | 77 | 77 | 77 | 78 | 78 | 79 | 79 |
| **Exports** | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| **Total Use** | 198 | 204 | 207 | 208 | 208 | 207 | 206 | 205 | 204 | 203 | 202 |
| **Ending Stocks** | 51 | 51 | 50 | 49 | 47 | 46 | 45 | 44 | 43 | 43 | 42 |
| CCC Inventory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Loan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Other Stocks | 50 | 49 | 49 | 47 | 46 | 44 | 43 | 43 | 42 | 41 | 41 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/bu | 1.55 | 1.64 | 1.69 | 1.74 | 1.79 | 1.82 | 1.84 | 1.85 | 1.86 | 1.86 | 1.87 |
| Loan Rate/bu | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 | 1.33 |
| Average LDP Rate/bu | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Target Price/bu | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 | 1.44 |
| CCP Rate/bu | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/bu | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Gross Market Revenue/a | 97.44 | 103.29 | 107.14 | 110.91 | 114.49 | 117.44 | 119.45 | 120.60 | 121.76 | 122.75 | 123.69 |
| LDP Revenue/a | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Variable Expenses/a | 65.98 | 71.20 | 70.81 | 70.91 | 71.08 | 70.91 | 71.06 | 71.75 | 73.01 | 74.27 | 75.51 |
| Mkt+LDP Net Returns/a | 31.69 | 32.09 | 36.33 | 40.00 | 43.41 | 46.53 | 48.38 | 48.85 | 48.75 | 48.48 | 48.18 |
| CCP Revenue/Base a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 | 0.99 |

# U.S. Hay

Reduced hay yields in 2005 mean that production falls short of disappearance in 2005/06, leading to lower carryover stocks and higher hay prices. Increasing cattle numbers contribute to the projected growth in hay disappearance over the next several years.

Hay harvested area is relatively stable over the baseline, so the projected growth in production can be attributed to slowly increasing yields per acre.

Hay prices increase in 2005/06 because of tighter supplies. Further modest increases in prices result from increasing demand and competition with other crops for land. Alfalfa prices generally run about $7 per ton above all-hay prices.

Hay markets are more fragmented than markets for most agricultural commodities, in part because the cost of transporting hay long distances is high relative to the value of the product. Trends in national-level prices may not be reflected at the local level.

## U.S. Hay Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Million Acres) | | | | | |
| **Area Harvested** | 61.6 | 62.1 | 62.5 | 62.6 | 62.7 | 62.6 | 62.6 | 62.6 | 62.5 | 62.4 | 62.3 |
| | | | | | | (Tons per Acre) | | | | | |
| **Yield** | 2.44 | 2.52 | 2.54 | 2.55 | 2.56 | 2.57 | 2.59 | 2.60 | 2.61 | 2.62 | 2.64 |
| | | | | | | (Million Tons) | | | | | |
| **Supply** | 178.3 | 178.7 | 179.7 | 180.7 | 181.3 | 181.6 | 181.9 | 182.3 | 182.6 | 183.1 | 183.8 |
| Production | 150.6 | 156.7 | 158.4 | 159.6 | 160.5 | 161.2 | 162.0 | 162.6 | 163.3 | 163.9 | 164.4 |
| Beginning Stocks | 27.8 | 22.0 | 21.3 | 21.1 | 20.8 | 20.4 | 19.9 | 19.6 | 19.3 | 19.3 | 19.4 |
| **Disappearance** | 156.4 | 157.4 | 158.6 | 159.9 | 161.0 | 161.7 | 162.3 | 162.9 | 163.4 | 163.8 | 164.1 |
| **Ending Stocks** | 22.0 | 21.3 | 21.1 | 20.8 | 20.4 | 19.9 | 19.6 | 19.3 | 19.3 | 19.4 | 19.6 |
| **Prices** | | | | | | (U.S. Dollars) | | | | | |
| All-Hay (crop year) | 95.23 | 97.36 | 98.27 | 99.56 | 101.06 | 102.37 | 103.39 | 104.32 | 104.67 | 104.54 | 104.09 |
| Alfalfa (calendar year) | 102.34 | 103.26 | 104.96 | 106.34 | 108.06 | 109.74 | 111.12 | 112.29 | 113.00 | 113.07 | 112.67 |

# U.S. Soybeans and Soybean Products

Back-to-back record yields in 2004 and 2005 replenished soybean supplies and resulted in lower soybean prices.

Soybean area is expected to increase in 2006, in part because production costs have increased less for soybeans than for corn and several other crops. If soybean yields return to trend levels in 2006, production could decline slightly in spite of increased acreage. Even if production declines slightly in 2006, large stocks carried over from the 2005/06 crop year could lead to record total supplies and lower prices in 2006/07.

After reduced yields in 2003/04 limited soybean availabilities, soybean crush has recovered and could set a new record in 2005/06. Further increases in crush can be traced back to rising domestic consumption of soybean meal and oil.

Early-season U.S. exports of soybeans have been very weak in 2005/06, but lower prices should facilitate an increase in exports in 2006/07. U.S. soybean exports decline slightly after 2006/07, in part because of strong South American competition.

Since 2003/04, soybean producer net returns have declined, as lower prices and increased production costs offset the impact of record yields. In 2006/07, higher production costs and lower market prices are only partially offset by an increase in marketing loan benefits and CCPs. The projected increase in soybean returns after 2006/07 is not sufficient to keep producers from shifting to corn.

After a pause in 2003/04, domestic soybean oil consumption has resumed steady growth. Increased production of biodiesel accounts for much of the increase in soybean oil use.

Soybean meal domestic consumption increases throughout the baseline in response to low prices and increased poultry and livestock production. The rate of growth in soybean meal consumption is limited by increasing competition from the by-products of ethanol production.

Increased biofuel production affects the relative prices of soybean meal and oil. Meal prices are weakened by competition from corn by-products, and oil prices are strengthened by production of biodiesel. While meal continues to account for most of the value in a bushel of soybeans, the oil share increases over the baseline. Projected crushing margins are relatively stable.

## U.S. Soybean Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| Planted Area | 72.1 | 73.2 | 71.4 | 71.1 | 71.1 | 70.6 | 70.3 | 70.3 | 70.4 | 70.2 | 70.1 |
| Harvested Area | 71.4 | 71.9 | 70.2 | 69.9 | 69.9 | 69.4 | 69.1 | 69.1 | 69.2 | 69.1 | 69.0 |
| **Yield** | | | | | (Bushels per Acre) | | | | | | |
| Actual | 43.3 | 40.6 | 41.0 | 41.4 | 41.7 | 42.1 | 42.5 | 42.8 | 43.2 | 43.6 | 44.0 |
| Program, Direct | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 | 30.8 |
| Program, CCP | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| | | | | | (Million Bushels) | | | | | | |
| **Supply** | 3,346 | 3,410 | 3,274 | 3,218 | 3,228 | 3,229 | 3,237 | 3,259 | 3,288 | 3,313 | 3,339 |
| Beginning Stocks | 256 | 487 | 393 | 321 | 306 | 302 | 297 | 292 | 293 | 297 | 302 |
| Production | 3,086 | 2,918 | 2,875 | 2,892 | 2,917 | 2,922 | 2,935 | 2,961 | 2,990 | 3,011 | 3,032 |
| Imports | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Domestic Use** | 1,910 | 1,931 | 1,931 | 1,935 | 1,955 | 1,970 | 1,995 | 2,025 | 2,059 | 2,092 | 2,129 |
| Crush | 1,731 | 1,774 | 1,776 | 1,778 | 1,795 | 1,810 | 1,832 | 1,861 | 1,891 | 1,923 | 1,955 |
| Seed, Residual | 179 | 157 | 156 | 157 | 159 | 160 | 163 | 164 | 168 | 170 | 174 |
| **Exports** | 949 | 1,085 | 1,021 | 977 | 971 | 962 | 950 | 941 | 932 | 919 | 903 |
| **Total Use** | 2,859 | 3,017 | 2,953 | 2,912 | 2,926 | 2,932 | 2,945 | 2,966 | 2,991 | 3,011 | 3,032 |
| **Ending Stocks** | 487 | 393 | 321 | 306 | 302 | 297 | 292 | 293 | 297 | 302 | 307 |
| CCC Inventory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Loan | 67 | 64 | 72 | 65 | 63 | 61 | 57 | 56 | 57 | 58 | 59 |
| Other Stocks | 420 | 329 | 249 | 241 | 239 | 237 | 235 | 236 | 240 | 244 | 248 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/bu | 5.40 | 4.96 | 5.25 | 5.45 | 5.48 | 5.52 | 5.57 | 5.59 | 5.58 | 5.56 | 5.54 |
| Illinois Processor Price/bu | 5.71 | 5.28 | 5.56 | 5.75 | 5.78 | 5.82 | 5.87 | 5.89 | 5.88 | 5.86 | 5.83 |
| Loan Rate/bu | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| Average LDP Rate/bu | 0.01 | 0.26 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Target Price/bu | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 | 5.80 |
| CCP Rate/bu | 0.00 | 0.36 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/bu | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| Gross Market Revenue/a | 233.70 | 201.52 | 215.09 | 225.27 | 228.58 | 232.14 | 236.63 | 239.45 | 241.03 | 242.24 | 243.46 |
| LDP Revenue/a | 0.40 | 10.36 | 1.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Variable Expenses/a | 91.32 | 102.17 | 103.46 | 104.20 | 104.70 | 104.69 | 105.15 | 106.07 | 107.63 | 109.08 | 110.51 |
| Mkt+LDP Net Returns/a | 142.78 | 109.71 | 113.59 | 121.06 | 123.88 | 127.45 | 131.48 | 133.38 | 133.40 | 133.16 | 132.95 |
| CCP Revenue/Base a | 0.00 | 10.43 | 3.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 | 11.52 |
| Bean/Corn Ratio | 2.85 | 2.39 | 2.39 | 2.37 | 2.30 | 2.26 | 2.26 | 2.27 | 2.25 | 2.24 | 2.22 |
| 48% Meal Price/ton | 5.71 | 5.28 | 5.56 | 5.75 | 5.78 | 5.82 | 5.87 | 5.89 | 5.88 | 5.86 | 5.83 |
| Oil Price/cwt | 21.58 | 21.22 | 22.60 | 23.60 | 24.12 | 24.59 | 25.13 | 25.57 | 25.98 | 26.44 | 26.98 |
| Crushing Margin/bu | 0.90 | 1.09 | 1.09 | 1.03 | 1.03 | 1.04 | 1.05 | 1.06 | 1.08 | 1.08 | 1.09 |

## U.S. Soybean Meal Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Tons) | | | | | | |
| **Supply** | 41,181 | 42,585 | 42,633 | 42,675 | 43,098 | 43,452 | 43,969 | 44,661 | 45,369 | 46,128 | 46,899 |
| Beginning Stocks | 172 | 236 | 245 | 241 | 241 | 241 | 241 | 240 | 242 | 244 | 247 |
| Production | 40,844 | 42,184 | 42,223 | 42,269 | 42,692 | 43,046 | 43,563 | 44,255 | 44,963 | 45,719 | 46,487 |
| Imports | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 |
| **Domestic Use** | 34,397 | 34,775 | 34,892 | 35,091 | 35,306 | 35,577 | 36,138 | 36,786 | 37,384 | 37,996 | 38,684 |
| **Exports** | 6,548 | 7,565 | 7,500 | 7,344 | 7,550 | 7,634 | 7,591 | 7,633 | 7,741 | 7,885 | 7,965 |
| **Total Use** | 40,945 | 42,340 | 42,392 | 42,434 | 42,857 | 43,211 | 43,728 | 44,419 | 45,125 | 45,881 | 46,649 |
| **Ending Stocks** | 236 | 245 | 241 | 241 | 241 | 241 | 240 | 242 | 244 | 247 | 250 |
| **Prices, 48% Protein** | | | | | (U.S. Dollars per Ton) | | | | | | |
| Decatur | 173.44 | 167.42 | 172.45 | 173.05 | 171.81 | 171.53 | 171.92 | 170.99 | 169.12 | 166.41 | 163.47 |

## U.S. Soybean Oil Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 21,935 | 22,499 | 22,308 | 22,219 | 22,287 | 22,426 | 22,641 | 22,943 | 23,262 | 23,608 | 23,955 |
| Beginning Stocks | 1,699 | 2,426 | 2,216 | 2,106 | 1,972 | 1,944 | 1,913 | 1,887 | 1,870 | 1,858 | 1,840 |
| Production | 20,170 | 20,008 | 20,027 | 20,049 | 20,249 | 20,417 | 20,662 | 20,991 | 21,326 | 21,685 | 22,049 |
| Imports | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| **Domestic Use** | 18,185 | 18,660 | 18,853 | 19,048 | 19,257 | 19,441 | 19,573 | 19,683 | 19,799 | 19,911 | 20,013 |
| Food Use | 17,380 | 17,578 | 17,563 | 17,620 | 17,724 | 17,839 | 17,937 | 18,046 | 18,162 | 18,274 | 18,376 |
| Biodiesel Use | 805 | 1,082 | 1,290 | 1,429 | 1,533 | 1,602 | 1,637 | 1,637 | 1,637 | 1,637 | 1,637 |
| **Exports** | 1,323 | 1,623 | 1,349 | 1,198 | 1,086 | 1,072 | 1,180 | 1,390 | 1,605 | 1,857 | 2,123 |
| **Total Use** | 19,509 | 20,283 | 20,203 | 20,247 | 20,343 | 20,513 | 20,753 | 21,072 | 21,404 | 21,768 | 22,136 |
| **Ending Stocks** | 2,426 | 2,216 | 2,106 | 1,972 | 1,944 | 1,913 | 1,887 | 1,870 | 1,858 | 1,840 | 1,819 |
| **Prices** | | | | | (U.S. Cents per Pound) | | | | | | |
| Decatur | 21.58 | 21.22 | 22.60 | 23.60 | 24.12 | 24.59 | 25.13 | 25.57 | 25.98 | 26.44 | 26.98 |

# U.S. Sunflower Seed and Sunflower Seed Products

Sunflower seed prices have declined in 2005/06 from the peak levels of 2004/05, largely because 2005 production was almost double the 2004 level. Sunflower seed prices average about 12¢ per pound throughout the baseline.

If acreage contracts a little and yields drop back to trend levels, the result could be a significant reduction in sunflower seed production in 2006. Reduced U.S. supplies are not expected to translate into sharply higher sunflower seed prices in 2006/07, in part because of strong competition from ample supplies of soybeans and soybean products.

Sunflower seed demand can swing dramatically from one year to the next. For example, crush demand was reduced sharply in 2004/05 because of tight supplies but has bounced back to the highest level in years in 2005/06.

Unlike most other crops, sunflower seed net returns actually have increased in 2005/06, as the effects of higher yields more than offset the impacts of lower prices and increased production costs. If yields return to more normal levels in 2006 and production costs increase, net returns to sunflower seed producers could decline sharply in 2006/07.

Sunflower oil has been selling at a large premium over soybean oil since 2004/05. The premium is reduced somewhat over the baseline but remains very large by historical standards. Strong domestic demand accounts for much of the strength in sunflower oil prices. Sunflower meal prices, in contrast, continue to be weighed down by competition from low-priced soybean meal.

## U.S. Sunflower Seed Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 1.83 | 1.83 | 1.83 | 1.83 | 1.84 | 1.83 | 1.83 | 1.83 | 1.83 | 1.83 | 1.83 |
| Planted Area | 2.71 | 2.59 | 2.41 | 2.47 | 2.46 | 2.43 | 2.41 | 2.40 | 2.39 | 2.37 | 2.35 |
| Harvested Area | 2.61 | 2.38 | 2.21 | 2.27 | 2.26 | 2.23 | 2.21 | 2.20 | 2.19 | 2.17 | 2.15 |
| **Yield** | | | | | (Pounds per Acre) | | | | | | |
| Actual | 1,540 | 1,347 | 1,360 | 1,374 | 1,387 | 1,401 | 1,415 | 1,429 | 1,443 | 1,458 | 1,472 |
| Program, Direct | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 | 1,084 |
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 4,387 | 3,921 | 3,653 | 3,728 | 3,751 | 3,747 | 3,750 | 3,764 | 3,784 | 3,794 | 3,805 |
| Beginning Stocks | 198 | 549 | 476 | 441 | 452 | 452 | 450 | 450 | 454 | 461 | 467 |
| Production | 4,018 | 3,202 | 3,008 | 3,117 | 3,129 | 3,125 | 3,130 | 3,144 | 3,160 | 3,163 | 3,168 |
| Imports | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 | 170 |
| **Domestic Use** | 3,405 | 3,132 | 2,988 | 2,973 | 2,970 | 2,979 | 2,997 | 3,020 | 3,050 | 3,078 | 3,109 |
| Food & Residual | 1,646 | 1,525 | 1,510 | 1,539 | 1,558 | 1,574 | 1,592 | 1,614 | 1,640 | 1,664 | 1,689 |
| Crush | 1,759 | 1,607 | 1,478 | 1,434 | 1,413 | 1,405 | 1,404 | 1,405 | 1,410 | 1,414 | 1,420 |
| **Exports** | 432 | 313 | 224 | 303 | 328 | 318 | 303 | 290 | 273 | 248 | 223 |
| **Total Use** | 3,838 | 3,445 | 3,212 | 3,276 | 3,298 | 3,297 | 3,300 | 3,310 | 3,323 | 3,327 | 3,332 |
| **Ending Stocks** | 549 | 476 | 441 | 452 | 452 | 450 | 450 | 454 | 461 | 467 | 473 |
| **Prices and Returns** | | | | | (U.S. Cents per Pound) | | | | | | |
| Farm Price | 11.75 | 11.66 | 12.19 | 12.24 | 12.25 | 12.24 | 12.26 | 12.25 | 12.14 | 12.03 | 11.90 |
| Loan Rate | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 |
| Average LDP Rate | 0.41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Target Price | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 |
| CCP Rate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| | | | | | (U.S. Dollars per Acre) | | | | | | |
| Gross Market Revenue | 180.86 | 156.97 | 165.81 | 168.06 | 169.90 | 171.55 | 173.50 | 175.00 | 175.24 | 175.33 | 175.22 |
| LDP Revenue | 6.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Variable Expenses | 76.26 | 80.53 | 81.38 | 81.92 | 82.31 | 82.33 | 82.76 | 83.55 | 84.85 | 86.06 | 87.24 |
| Mkt+LDP Net Returns | 110.91 | 76.45 | 84.43 | 86.14 | 87.59 | 89.22 | 90.74 | 91.45 | 90.39 | 89.27 | 87.98 |
| CCP Revenue/Base a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 | 7.37 |

## U.S. Sunflower Meal Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Tons) | | | | | | |
| **Supply** | 439 | 405 | 373 | 362 | 357 | 355 | 355 | 355 | 356 | 357 | 359 |
| Beginning Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Production | 434 | 400 | 368 | 357 | 352 | 350 | 350 | 350 | 351 | 352 | 354 |
| Imports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Domestic Use** | 414 | 395 | 363 | 352 | 347 | 345 | 345 | 345 | 346 | 347 | 349 |
| **Exports** | 20 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Total Use** | 434 | 400 | 368 | 357 | 352 | 350 | 350 | 350 | 351 | 352 | 354 |
| **Ending Stocks** | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Price** | | | | | (U.S. Dollars per Ton) | | | | | | |
| 28% Protein, Minnesota | 81.25 | 78.54 | 80.80 | 81.07 | 80.51 | 80.39 | 80.57 | 80.15 | 79.30 | 78.08 | 76.76 |

## U.S. Sunflower Oil Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 818 | 815 | 759 | 734 | 723 | 718 | 717 | 717 | 719 | 722 | 725 |
| Beginning Stocks | 22 | 82 | 82 | 76 | 74 | 73 | 72 | 71 | 72 | 73 | 73 |
| Production | 765 | 703 | 646 | 627 | 618 | 614 | 614 | 614 | 616 | 618 | 621 |
| Imports | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| **Domestic Use** | 445 | 429 | 435 | 445 | 450 | 454 | 458 | 462 | 465 | 469 | 473 |
| **Exports** | 291 | 304 | 248 | 215 | 199 | 192 | 187 | 183 | 181 | 179 | 178 |
| **Total Use** | 736 | 733 | 683 | 660 | 650 | 646 | 646 | 645 | 646 | 648 | 651 |
| **Ending Stocks** | 82 | 82 | 76 | 74 | 73 | 72 | 71 | 72 | 73 | 73 | 74 |
| **Price** | | | | | (U.S. Cents per Pound) | | | | | | |
| Average Crude, Minnesota | 33.35 | 33.34 | 34.21 | 34.40 | 34.53 | 34.72 | 34.95 | 35.11 | 35.23 | 35.38 | 35.53 |

# U.S. Canola Seed and Canola Seed Products

U.S. canola planted area increased sharply in 2005 to the highest levels since 2002. The increase in production was limited by a reduction in yields in 2005 relative to the 2004 record.

Canola imports have declined in 2005/06, leaving total supplies little changed from a year earlier. Canola prices have declined in part because of large supplies of competing oilseeds.

After dipping in 2006, canola area and production increase in later years. Crush increases at about the same pace as production, leaving imports fairly stable. Canola prices vary in a relatively narrow range, near 10¢ per pound, slightly above the loan rate.

Canola LDPs increase in 2005/06, but they only offset a small portion of the decline in market receipts resulting from lower prices and yields. Increases in production expenses further reduce producer net returns. In 2006/07, the projected increase in market prices is insufficient to offset the impact of reduced LDPs and increased production costs, leaving producer net returns even lower than in 2005/06. Net returns over variable costs from the market and the marketing loan program consistently average less than $40 per acre over the projection period.

Over the last two years, canola oil prices have increased dramatically relative to soybean oil prices. A significant price premium for canola oil over soybean oil is projected to persist over the baseline. Canola meal prices continue to be pressured by persistent low prices for soybean meal.

Rising domestic consumption of canola oil outstrips the projected growth in canola oil production, resulting in increased imports. A similar story holds for canola meal. The U.S. produces and trades a very limited amount of non-canola rapeseed and rapeseed products.

## U.S. Canola Seed Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Thousand Acres) | | | | | | |
| Base Area | 719 | 718 | 717 | 719 | 720 | 718 | 717 | 716 | 715 | 715 | 715 |
| Planted Area | 1,159 | 1,033 | 1,067 | 1,088 | 1,105 | 1,111 | 1,128 | 1,144 | 1,160 | 1,178 | 1,196 |
| Harvested Area | 1,114 | 985 | 1,018 | 1,037 | 1,053 | 1,060 | 1,076 | 1,091 | 1,107 | 1,124 | 1,141 |
| **Yield** | | | | | (Pounds per Acre) | | | | | | |
| Actual | 1,419 | 1,448 | 1,466 | 1,484 | 1,503 | 1,521 | 1,539 | 1,557 | 1,575 | 1,593 | 1,611 |
| Program, Direct | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 | 1,041 |
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 2,474 | 2,310 | 2,319 | 2,353 | 2,394 | 2,430 | 2,473 | 2,519 | 2,564 | 2,611 | 2,660 |
| Beginning Stocks | 132 | 165 | 144 | 141 | 141 | 141 | 141 | 141 | 143 | 145 | 147 |
| Production | 1,581 | 1,426 | 1,492 | 1,540 | 1,583 | 1,611 | 1,655 | 1,699 | 1,743 | 1,790 | 1,839 |
| Imports | 761 | 719 | 682 | 672 | 670 | 677 | 677 | 679 | 678 | 676 | 674 |
| **Domestic Use** | 1,936 | 1,838 | 1,835 | 1,859 | 1,890 | 1,921 | 1,956 | 1,990 | 2,024 | 2,059 | 2,096 |
| Seed & Residual | 44 | 45 | 45 | 46 | 46 | 47 | 47 | 49 | 50 | 51 | 53 |
| Crush | 1,892 | 1,792 | 1,790 | 1,813 | 1,844 | 1,874 | 1,908 | 1,942 | 1,974 | 2,008 | 2,043 |
| Exports | 373 | 328 | 343 | 353 | 362 | 368 | 377 | 386 | 395 | 405 | 415 |
| Total Use | 2,309 | 2,166 | 2,178 | 2,212 | 2,252 | 2,289 | 2,332 | 2,376 | 2,419 | 2,464 | 2,511 |
| Ending Stocks | 165 | 144 | 141 | 141 | 141 | 141 | 141 | 143 | 145 | 147 | 149 |
| **Prices and Returns** | | | | | (U.S. Cents per Pound) | | | | | | |
| Farm Price | 9.84 | 10.33 | 10.58 | 10.60 | 10.52 | 10.50 | 10.49 | 10.38 | 10.32 | 10.24 | 10.12 |
| Loan Rate | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 | 9.30 |
| Average LDP Rate | 0.98 | 0.18 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.13 | 0.19 | 0.28 | 0.40 |
| Target Price | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 | 10.10 |
| CCP Rate | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 | 0.80 |
| | | | | | (U.S. Dollars per Acre) | | | | | | |
| Gross Market Revenue | 139.64 | 149.63 | 155.15 | 157.40 | 158.10 | 159.68 | 161.34 | 161.61 | 162.55 | 163.08 | 162.99 |
| LDP Revenue | 13.84 | 2.65 | 0.00 | 0.00 | 0.00 | 0.20 | 0.44 | 2.08 | 3.04 | 4.39 | 6.39 |
| Variable Expenses | 115.00 | 121.43 | 122.71 | 123.54 | 124.12 | 124.15 | 124.79 | 126.00 | 127.95 | 129.77 | 131.55 |
| Mkt+LDP Net Returns | 38.48 | 30.85 | 32.44 | 33.86 | 33.98 | 35.74 | 36.99 | 37.69 | 37.63 | 37.70 | 37.82 |
| CCP Revenue/Base a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Direct Payment/Base a | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 | 7.08 |

## U.S. Canola Meal Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Tons) | | | | | | |
| **Supply** | 1,941 | 1,946 | 1,951 | 2,016 | 2,036 | 2,069 | 2,102 | 2,126 | 2,147 | 2,173 | 2,200 |
| Beginning Stocks | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Production | 541 | 541 | 541 | 548 | 557 | 566 | 576 | 586 | 596 | 607 | 617 |
| Imports | 1,394 | 1,399 | 1,404 | 1,462 | 1,472 | 1,497 | 1,520 | 1,533 | 1,544 | 1,560 | 1,577 |
| **Domestic Use** | 1,909 | 1,914 | 1,918 | 1,983 | 2,003 | 2,036 | 2,070 | 2,093 | 2,114 | 2,140 | 2,168 |
| **Exports** | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| **Total Use** | 1,935 | 1,940 | 1,945 | 2,010 | 2,030 | 2,063 | 2,096 | 2,120 | 2,141 | 2,167 | 2,194 |
| **Ending Stocks** | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | | | | | (U.S. Dollars per Ton) | | | | | | |
| **Market Price** | 140.12 | 140.47 | 146.72 | 144.03 | 144.28 | 144.20 | 145.16 | 145.82 | 145.79 | 144.81 | 143.90 |

## U.S. Canola Oil Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 1,974 | 1,975 | 1,997 | 2,018 | 2,048 | 2,068 | 2,093 | 2,127 | 2,155 | 2,185 | 2,220 |
| Beginning Stocks | 127 | 109 | 111 | 105 | 96 | 90 | 83 | 77 | 74 | 73 | 72 |
| Production | 685 | 687 | 686 | 695 | 707 | 718 | 731 | 744 | 757 | 770 | 783 |
| Imports | 1,162 | 1,179 | 1,201 | 1,219 | 1,245 | 1,259 | 1,279 | 1,306 | 1,324 | 1,343 | 1,365 |
| **Domestic Use** | 1,592 | 1,591 | 1,620 | 1,649 | 1,685 | 1,712 | 1,743 | 1,780 | 1,810 | 1,841 | 1,875 |
| **Exports** | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 | 273 |
| **Total Use** | 1,864 | 1,864 | 1,893 | 1,922 | 1,958 | 1,984 | 2,016 | 2,053 | 2,082 | 2,113 | 2,148 |
| **Ending Stocks** | 109 | 111 | 105 | 96 | 90 | 83 | 77 | 74 | 73 | 72 | 71 |
| | | | | | (U.S. Cents per Pound) | | | | | | |
| **Market Price** | 34.43 | 33.46 | 34.64 | 35.55 | 35.76 | 36.30 | 36.69 | 36.80 | 37.15 | 37.53 | 37.81 |

# U.S. Peanuts and Peanut Products

U.S. peanut acreage increased sharply in 2005 and exceeded 2001 levels for the first time since enactment of the 2002 farm bill. The large increase in total peanut supplies (production plus beginning stocks and imports) depressed 2005/06 peanut prices in spite of increased peanut use. With a large projected carryover from the 2005/06 crop, total supplies are likely to remain large in 2006/07 even if production declines.

Domestic food use of peanuts has increased significantly since 2002, partially in response to lower prices. Further increases in food use of peanuts are projected to be modest. Peanut crush and exports can vary a lot from year to year, but little growth is projected in either category.

Compared to the previous two years, peanut producer returns have been squeezed in 2005/06 by lower yields and prices and increased production costs. Lower prices in 2005/06 have resulted in increased benefits under the marketing loan and CCP programs. After 2006/07, producer revenues per acre increase slightly as yields increase, but changes in prices generally result in offsetting changes in payments.

Peanut oil and meal production and use increase sharply in 2005/06, given a large increase in crush. Production and use of both products declines in 2006/07 but then recovers slowly in subsequent years. Peanut oil continues to sell at a large premium over other vegetable oils throughout the baseline, but peanut meal prices are limited by large supplies of other protein meals.

## U.S. Peanut Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Thousand Acres) | | | | | | |
| Base Area | 1,465 | 1,465 | 1,464 | 1,465 | 1,465 | 1,465 | 1,464 | 1,464 | 1,463 | 1,463 | 1,463 |
| Planted Area | 1,657 | 1,511 | 1,522 | 1,527 | 1,540 | 1,537 | 1,531 | 1,528 | 1,525 | 1,522 | 1,520 |
| Harvested Area | 1,629 | 1,469 | 1,480 | 1,485 | 1,497 | 1,495 | 1,488 | 1,485 | 1,483 | 1,479 | 1,478 |
| **Yield** | | | | | (Pounds per Acre) | | | | | | |
| Actual | 2,960 | 2,897 | 2,923 | 2,950 | 2,977 | 3,004 | 3,031 | 3,057 | 3,084 | 3,110 | 3,137 |
| Program | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 | 2,989 |
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 6,256 | 6,060 | 6,002 | 5,984 | 6,035 | 6,070 | 6,091 | 6,115 | 6,143 | 6,171 | 6,204 |
| Beginning Stocks | 1,415 | 1,779 | 1,650 | 1,580 | 1,554 | 1,556 | 1,555 | 1,549 | 1,546 | 1,545 | 1,543 |
| Production | 4,821 | 4,256 | 4,326 | 4,379 | 4,455 | 4,489 | 4,510 | 4,541 | 4,572 | 4,601 | 4,636 |
| Imports | 20 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| **Domestic Use** | 3,924 | 3,849 | 3,860 | 3,868 | 3,903 | 3,929 | 3,950 | 3,974 | 4,000 | 4,025 | 4,053 |
| Food | 2,662 | 2,682 | 2,684 | 2,688 | 2,702 | 2,717 | 2,731 | 2,746 | 2,763 | 2,779 | 2,796 |
| Crush | 712 | 614 | 632 | 644 | 666 | 678 | 686 | 695 | 703 | 711 | 720 |
| Seed, Feed, & Residual | 549 | 553 | 543 | 536 | 535 | 534 | 533 | 533 | 534 | 535 | 536 |
| **Exports** | 553 | 561 | 562 | 562 | 576 | 586 | 591 | 595 | 599 | 602 | 607 |
| **Total Use** | 4,477 | 4,410 | 4,422 | 4,430 | 4,479 | 4,515 | 4,541 | 4,569 | 4,599 | 4,627 | 4,660 |
| **Ending Stocks** | 1,779 | 1,650 | 1,580 | 1,554 | 1,556 | 1,555 | 1,549 | 1,546 | 1,545 | 1,543 | 1,544 |
| **Prices and Returns** | | | | | (U.S. Cents per Pound) | | | | | | |
| Farm Price | 17.50 | 18.22 | 18.89 | 19.49 | 19.53 | 19.42 | 19.46 | 19.58 | 19.73 | 19.86 | 19.97 |
| Loan Rate | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 | 17.75 |
| Average LDP Rate | 0.85 | 0.65 | 0.22 | 0.07 | 0.05 | 0.08 | 0.07 | 0.04 | 0.00 | 0.00 | 0.00 |
| Target Price | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 | 24.75 |
| CCP Rate | 5.20 | 4.73 | 4.06 | 3.46 | 3.42 | 3.53 | 3.49 | 3.37 | 3.22 | 3.09 | 2.98 |
| Direct Payment | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 | 1.80 |
| | | | | | (U.S. Dollars per Acre) | | | | | | |
| Gross Market Revenue | 518.00 | 527.63 | 552.11 | 574.83 | 581.43 | 583.35 | 589.72 | 598.72 | 608.52 | 617.75 | 626.29 |
| LDP Revenue | 25.09 | 18.85 | 6.29 | 1.93 | 1.62 | 2.47 | 2.20 | 1.27 | 0.14 | 0.00 | 0.00 |
| Variable Expenses | 433.90 | 458.11 | 459.96 | 461.78 | 463.20 | 462.54 | 463.99 | 468.03 | 475.15 | 482.06 | 488.85 |
| Mkt+LDP Net Returns | 109.20 | 88.37 | 98.44 | 114.98 | 119.86 | 123.28 | 127.93 | 131.96 | 133.50 | 135.69 | 137.44 |
| CCP Revenue/Base a | 132.10 | 120.27 | 103.16 | 87.96 | 86.84 | 89.66 | 88.68 | 85.52 | 81.74 | 78.48 | 75.83 |
| Direct Payment/Base a | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 | 45.73 |

## U.S. Peanut Meal Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Tons) | | | | | | |
| **Supply** | 313 | 281 | 290 | 295 | 305 | 311 | 314 | 318 | 322 | 325 | 329 |
| Beginning Stocks | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Production | 311 | 277 | 285 | 290 | 300 | 306 | 310 | 314 | 317 | 321 | 325 |
| Imports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Domestic Use** | 302 | 270 | 279 | 284 | 294 | 300 | 303 | 307 | 311 | 314 | 318 |
| **Exports** | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| **Total Use** | 309 | 277 | 285 | 290 | 300 | 306 | 310 | 314 | 317 | 321 | 325 |
| **Ending Stocks** | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| **Price** | | | | | (U.S. Dollars per Ton) | | | | | | |
| Southeast Mills, FOB | 107.05 | 114.19 | 117.90 | 117.62 | 117.79 | 117.81 | 118.28 | 118.54 | 118.14 | 117.14 | 116.06 |

## U.S. Peanut Oil Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 346 | 305 | 311 | 316 | 320 | 323 | 327 | 330 | 332 | 335 | 339 |
| Beginning Stocks | 75 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Production | 236 | 201 | 207 | 211 | 218 | 222 | 225 | 227 | 230 | 233 | 236 |
| Imports | 35 | 45 | 45 | 46 | 43 | 42 | 43 | 43 | 43 | 43 | 43 |
| **Domestic Use** | 260 | 229 | 235 | 240 | 244 | 247 | 251 | 254 | 256 | 259 | 263 |
| **Exports** | 26 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| **Total Use** | 287 | 245 | 251 | 257 | 261 | 264 | 267 | 270 | 273 | 276 | 279 |
| **Ending Stocks** | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| **Price** | | | | | (U.S. Cents per Pound) | | | | | | |
| 50% Southest Mills | 47.07 | 47.81 | 48.42 | 48.86 | 48.99 | 49.32 | 49.76 | 50.12 | 50.50 | 50.93 | 51.35 |

# U.S. Upland Cotton and Cottonseed Products

Although 2005 upland cotton yields did not match the 2004 record, they far exceeded yields in any year prior to 2004. Combined with an increase in cotton planted and harvested area in 2005, the result was another record cotton crop. After reviewing the yield data and other evidence, the projected path of cotton yields under normal growing conditions has been significantly revised upwards.

The baseline reflects the elimination of the Step 2 program at the end of the 2005/06 marketing year. All else equal, this has the effect of reducing the gap between the farm price of upland cotton and the AWP used to calculate marketing loan benefits.

Upland cotton returns have been relatively strong in 2004/05 and 2005/06, as the effects of high yields and large marketing loan benefits more than offset the impacts of low prices. Net returns could be sharply reduced in 2006/07 if yields return to trend levels and production costs increase as projected.

Projected marketing loan benefits also decline sharply in 2006/07 as the AWP increases much more than the farm price in response to the end of Step 2.

After two years of relatively good returns, cotton area is expected to increase in 2006, but the estimated reduction in net returns could result in lower acreage in 2007.

Large supplies have put downward pressure on cottonseed prices in 2004/05 and 2005/06. Cottonseed prices could decline further in 2006/07, as the impact of reduced production is more than offset by increased competition from other oilseeds. Cottonseed oil sells at a modest premium over soybean oil, while cottonseed meal sells at a discount to soybean meal.

The United States is a small net exporter of cottonseed, cottonseed oil, and cottonseed meal throughout the baseline.

## U.S. Upland Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Area** | | | | | (Million Acres) | | | | | | |
| Base Area | 18.41 | 18.41 | 18.40 | 18.41 | 18.42 | 18.41 | 18.40 | 18.40 | 18.40 | 18.39 | 18.39 |
| Planted Area | 13.93 | 14.17 | 13.75 | 13.81 | 13.86 | 13.83 | 13.82 | 13.71 | 13.59 | 13.68 | 13.79 |
| Harvested Area | 13.43 | 12.89 | 12.51 | 12.56 | 12.60 | 12.58 | 12.56 | 12.46 | 12.35 | 12.43 | 12.53 |
| **Yield** | | | | | (Pounds per Acre) | | | | | | |
| Actual | 824 | 768 | 776 | 783 | 791 | 799 | 806 | 813 | 821 | 828 | 836 |
| Program, Direct | 604 | 604 | 604 | 604 | 604 | 604 | 604 | 604 | 604 | 604 | 604 |
| Program, CCP | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 | 638 |
| | | | | | (Million Bales) | | | | | | |
| **Supply** | 28.60 | 27.34 | 26.26 | 25.89 | 26.03 | 26.29 | 26.56 | 26.63 | 26.59 | 26.81 | 27.15 |
| Beginning Stocks | 5.53 | 6.70 | 6.01 | 5.37 | 5.26 | 5.35 | 5.45 | 5.50 | 5.46 | 5.34 | 5.31 |
| Production | 23.06 | 20.63 | 20.23 | 20.50 | 20.76 | 20.92 | 21.10 | 21.12 | 21.11 | 21.46 | 21.82 |
| Imports | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| **Domestic Use** | | | | | | | | | | | |
| Mill Use | 6.03 | 5.82 | 5.61 | 5.35 | 5.10 | 4.94 | 4.79 | 4.72 | 4.65 | 4.61 | 4.57 |
| **Exports** | 15.88 | 15.50 | 15.27 | 15.28 | 15.58 | 15.90 | 16.27 | 16.45 | 16.61 | 16.89 | 17.28 |
| **Total Use** | 21.91 | 21.32 | 20.89 | 20.63 | 20.68 | 20.85 | 21.06 | 21.17 | 21.25 | 21.50 | 21.86 |
| **Unaccounted** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Ending Stocks** | 6.70 | 6.01 | 5.37 | 5.26 | 5.35 | 5.45 | 5.50 | 5.46 | 5.34 | 5.31 | 5.29 |
| CCC Inventory | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other Stocks | 6.70 | 6.01 | 5.37 | 5.26 | 5.35 | 5.45 | 5.50 | 5.46 | 5.34 | 5.31 | 5.29 |
| **Prices and Returns** | | | | | (U.S. Dollars per Pound) | | | | | | |
| Farm Price | 0.481 | 0.483 | 0.511 | 0.515 | 0.513 | 0.515 | 0.522 | 0.536 | 0.554 | 0.565 | 0.576 |
| Cotlook A Index | 0.584 | 0.612 | 0.640 | 0.641 | 0.640 | 0.641 | 0.651 | 0.667 | 0.684 | 0.694 | 0.705 |
| Adjusted World Price | 0.434 | 0.472 | 0.500 | 0.501 | 0.500 | 0.501 | 0.511 | 0.527 | 0.544 | 0.554 | 0.565 |
| Loan Rate | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 | 0.520 |
| Average LDP Rate | 0.109 | 0.061 | 0.033 | 0.032 | 0.033 | 0.032 | 0.022 | 0.006 | 0.000 | 0.000 | 0.000 |
| Target Price | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 | 0.724 |
| CCP Rate | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | 0.137 | 0.135 | 0.121 | 0.104 | 0.092 | 0.081 |
| Direct Payment | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 | 0.067 |
| | | | | | (U.S. Dollars per Acre) | | | | | | |
| Gross Market Revenue | 456.75 | 423.25 | 452.65 | 461.27 | 464.72 | 470.62 | 481.94 | 498.73 | 517.81 | 531.07 | 544.86 |
| LDP Revenue | 89.80 | 46.92 | 25.99 | 25.30 | 26.11 | 25.75 | 17.45 | 4.74 | 0.00 | 0.00 | 0.00 |
| Variable Expenses | 351.98 | 370.15 | 366.32 | 366.58 | 367.43 | 367.01 | 368.75 | 373.29 | 380.10 | 386.74 | 393.18 |
| Mkt+LDP Net Returns | 194.57 | 100.02 | 112.31 | 119.99 | 123.40 | 129.37 | 130.64 | 130.17 | 137.71 | 144.34 | 151.69 |
| CCP Revenue/Base a | 74.50 | 74.50 | 74.50 | 74.50 | 74.50 | 74.50 | 73.42 | 65.57 | 56.18 | 50.16 | 43.97 |
| Direct Payment/Base a | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 | 34.23 |

## U.S. Cottonseed Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Tons) | | | | | | |
| **Supply** | 9,118 | 8,260 | 7,974 | 8,077 | 8,176 | 8,239 | 8,307 | 8,315 | 8,316 | 8,447 | 8,586 |
| Beginning Stocks | 592 | 640 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| Production | 8,501 | 7,595 | 7,449 | 7,552 | 7,651 | 7,714 | 7,782 | 7,790 | 7,791 | 7,922 | 8,061 |
| Imports | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| **Domestic Use** | 8,053 | 7,410 | 7,124 | 7,227 | 7,326 | 7,389 | 7,457 | 7,465 | 7,466 | 7,597 | 7,736 |
| Crush | 3,113 | 2,567 | 2,500 | 2,575 | 2,636 | 2,677 | 2,722 | 2,730 | 2,731 | 2,806 | 2,887 |
| Other | 4,940 | 4,843 | 4,624 | 4,652 | 4,691 | 4,713 | 4,735 | 4,736 | 4,735 | 4,791 | 4,850 |
| **Exports** | 425 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| **Total Use** | 8,478 | 7,760 | 7,474 | 7,577 | 7,676 | 7,739 | 7,807 | 7,815 | 7,816 | 7,947 | 8,086 |
| **Ending Stocks** | 640 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 |
| **Prices and Returns** | | | | | (U.S. Dollars) | | | | | | |
| Farm Price/ton | 95.27 | 88.67 | 94.08 | 96.68 | 96.68 | 97.44 | 98.69 | 99.71 | 100.30 | 99.03 | 97.75 |
| Meal Price/ton | 134.10 | 123.21 | 124.46 | 124.09 | 122.17 | 121.39 | 121.14 | 120.29 | 118.69 | 115.24 | 111.52 |
| Oil Price/cwt | 27.23 | 26.03 | 27.11 | 28.07 | 28.54 | 28.98 | 29.48 | 29.91 | 30.33 | 30.73 | 31.19 |
| Crushing Margin/ton | 51.02 | 50.41 | 48.99 | 49.26 | 49.85 | 50.12 | 50.35 | 50.30 | 50.29 | 51.25 | 52.26 |

## U.S. Cottonseed Meal Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Tons) | | | | | | |
| **Supply** | 1,454 | 1,238 | 1,201 | 1,234 | 1,264 | 1,284 | 1,306 | 1,310 | 1,311 | 1,346 | 1,385 |
| Beginning Stocks | 52 | 55 | 49 | 47 | 48 | 50 | 51 | 52 | 52 | 52 | 54 |
| Production | 1,402 | 1,183 | 1,153 | 1,187 | 1,215 | 1,234 | 1,255 | 1,258 | 1,259 | 1,294 | 1,331 |
| Imports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Domestic Use** | 1,309 | 1,120 | 1,084 | 1,116 | 1,144 | 1,163 | 1,184 | 1,188 | 1,189 | 1,222 | 1,259 |
| **Exports** | 90 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| **Total Use** | 1,399 | 1,190 | 1,154 | 1,186 | 1,214 | 1,233 | 1,254 | 1,258 | 1,259 | 1,292 | 1,329 |
| **Ending Stocks** | 55 | 49 | 47 | 48 | 50 | 51 | 52 | 52 | 52 | 54 | 56 |
| **Prices** | | | | | (U.S. Dollars per Ton) | | | | | | |
| Memphis | 134.10 | 123.21 | 124.46 | 124.09 | 122.17 | 121.39 | 121.14 | 120.29 | 118.69 | 115.24 | 111.52 |

## U.S. Cottonseed Oil Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Pounds) | | | | | | |
| **Supply** | 1,059 | 890 | 864 | 886 | 906 | 919 | 933 | 936 | 936 | 959 | 985 |
| Beginning Stocks | 77 | 78 | 74 | 72 | 72 | 73 | 73 | 73 | 72 | 72 | 72 |
| Production | 982 | 811 | 790 | 814 | 833 | 846 | 861 | 863 | 863 | 887 | 913 |
| Imports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Domestic Use** | 901 | 777 | 763 | 774 | 784 | 791 | 798 | 798 | 797 | 810 | 824 |
| **Exports** | 80 | 38 | 29 | 40 | 49 | 55 | 62 | 65 | 67 | 77 | 88 |
| **Total Use** | 981 | 816 | 792 | 814 | 833 | 846 | 860 | 863 | 864 | 887 | 912 |
| **Ending Stocks** | 78 | 74 | 72 | 72 | 73 | 73 | 73 | 72 | 72 | 72 | 73 |
| **Prices** | | | | | (U.S. Cents per Pound) | | | | | | |
| Valley Points | 27.23 | 26.03 | 27.11 | 28.07 | 28.54 | 28.98 | 29.48 | 29.91 | 30.33 | 30.73 | 31.19 |

# U.S. Sugar

Hurricane damage has severely reduced sugar production in FY 2006 (October 2005-September 2006). The TRQ for sugar has been increased to supply the domestic market. Projected imports in FY 2007 and subsequent years exceed pre-2005 levels, in part because of increased imports from Mexico and Central America.

Per capita sugar deliveries increased in FY 2004 and FY 2005, but a decline is projected to resume in FY 2006. HFCS consumption per capita has declined since 2002, and further declines are projected. Even small deviations from the projected trends in sugar and sweetener consumption could have significant impacts on the long-run outlook.

Production shortfalls contributed to a large increase in refined beet sugar prices during the first few months of FY 2006, with smaller increases in raw cane sugar prices. Projected sugar prices return to more normal levels in FY 2007. Prices decline in later years of the baseline, as production and imports outstrip domestic consumption and result in government stock accumulation.

## U.S. Sugar Crop Production

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Beet Sugar** | | | | | | | | | | | |
| Harv. Area (1,000 a) | 1,239 | 1,349 | 1,278 | 1,275 | 1,267 | 1,251 | 1,218 | 1,210 | 1,187 | 1,178 | 1,166 |
| Yield (tons/a) | 22.32 | 22.22 | 22.33 | 22.49 | 22.65 | 22.81 | 22.95 | 23.11 | 23.24 | 23.39 | 23.53 |
| Prod. (1,000 tons) | 27,654 | 29,967 | 28,543 | 28,678 | 28,694 | 28,523 | 27,953 | 27,949 | 27,587 | 27,541 | 27,435 |
| **Cane Sugar** | | | | | | | | | | | |
| Harv. Area (1,000 a) | 866 | 869 | 900 | 902 | 901 | 900 | 892 | 885 | 881 | 876 | 872 |
| Yield (tons/a) | 30.30 | 33.16 | 34.22 | 34.54 | 34.85 | 35.13 | 35.27 | 35.42 | 35.56 | 35.71 | 35.90 |
| Prod. (1,000 tons) | 26,251 | 28,818 | 30,789 | 31,143 | 31,393 | 31,600 | 31,472 | 31,368 | 31,333 | 31,273 | 31,301 |

## U.S. Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Raw Sugar** | | | | | (Thousand Short Tons, Raw Value) | | | | | | |
| **Supply** | 11,710 | 11,828 | 11,905 | 12,056 | 12,186 | 12,293 | 12,331 | 12,414 | 12,491 | 12,602 | 12,736 |
| Beginning Stocks | 1,347 | 1,307 | 1,428 | 1,463 | 1,508 | 1,556 | 1,644 | 1,675 | 1,753 | 1,818 | 1,898 |
| Production | 7,593 | 8,235 | 8,288 | 8,389 | 8,460 | 8,494 | 8,423 | 8,446 | 8,418 | 8,439 | 8,461 |
| Beet Sugar | 4,435 | 4,724 | 4,528 | 4,579 | 4,611 | 4,612 | 4,549 | 4,577 | 4,545 | 4,566 | 4,576 |
| Cane Sugar | 3,158 | 3,512 | 3,759 | 3,811 | 3,849 | 3,882 | 3,874 | 3,869 | 3,873 | 3,873 | 3,885 |
| Imports | 2,770 | 2,285 | 2,189 | 2,204 | 2,219 | 2,242 | 2,264 | 2,293 | 2,319 | 2,344 | 2,376 |
| Tariff-Rate Quota | 2,140 | 1,536 | 1,688 | 1,705 | 1,719 | 1,743 | 1,764 | 1,793 | 1,819 | 1,846 | 1,876 |
| Duty-Free NAFTA | 276 | 11 | 338 | 352 | 363 | 384 | 402 | 429 | 451 | 475 | 503 |
| Other TRQ | 1,864 | 1,525 | 1,350 | 1,353 | 1,356 | 1,359 | 1,362 | 1,365 | 1,367 | 1,370 | 1,373 |
| Other Program | 325 | 326 | 326 | 325 | 325 | 325 | 325 | 324 | 326 | 324 | 326 |
| High-Tier and Other | 305 | 423 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| **Utilization** | 10,403 | 10,400 | 10,442 | 10,549 | 10,630 | 10,649 | 10,656 | 10,660 | 10,673 | 10,703 | 10,731 |
| Domestic Deliveries | 10,208 | 10,203 | 10,246 | 10,352 | 10,431 | 10,449 | 10,456 | 10,459 | 10,470 | 10,500 | 10,527 |
| Exports | 195 | 196 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 |
| Statistical Discrepancy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Ending Stocks** | 1,307 | 1,428 | 1,463 | 1,508 | 1,556 | 1,644 | 1,675 | 1,753 | 1,818 | 1,898 | 2,005 |
| CCC | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 42 | 112 | 195 | 317 |
| Other | 1,307 | 1,428 | 1,463 | 1,508 | 1,556 | 1,644 | 1,669 | 1,711 | 1,707 | 1,703 | 1,688 |
| **Prices** | | | | | (U.S. Cents per Pound) | | | | | | |
| N.Y. Spot Raw Sugar | 21.92 | 21.60 | 21.65 | 21.62 | 21.47 | 20.68 | 20.60 | 20.17 | 20.08 | 19.93 | 19.64 |
| Refined Beet Sugar | 29.43 | 26.42 | 26.44 | 26.34 | 26.07 | 24.91 | 24.74 | 24.08 | 23.89 | 23.62 | 23.17 |
| Cane Loan Rate | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 | 18.00 |
| Beet Loan Rate | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 | 22.90 |

# U.S. Livestock and Dairy

# U.S. Beef

The cattle herd continued to expand in 2006, as producers responded to the attractive returns the industry has experienced since 2003. Cattle supplies are further bolstered by the resumption of live cattle trade with Canada. Imports of animals under 30 months resumed in the summer of 2005, ending a ban that began in May 2003. Cattle supplies continue to grow through 2012, with the peak of this cattle cycle near 103.5 million head.

Cow-calf producers had another profitable year in 2005, with feeder steer prices around $120 per cwt. As beef supplies increase over the next few years, prices begin to moderate. The spread between feeder steer and fed steer prices tighten as corn prices increase during the baseline.

U.S. beef exports to North American trading partners were approaching normal levels by the fourth quarter of 2005. Success in resuming normal trade flows has not been as easy in other markets because of both continuing total bans and bans on specific beef products. It could take quite some time before total U.S. beef exports again achieve levels experienced from 1999 to 2003.

## U.S. Beef Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Beef Cows (Jan. 1) | 33.1 | 33.6 | 34.3 | 35.0 | 35.2 | 35.4 | 35.5 | 35.5 | 35.2 | 34.7 | 34.2 |
| Dairy Cows (Jan. 1) | 9.0 | 9.1 | 9.1 | 9.1 | 9.0 | 9.0 | 8.9 | 8.9 | 8.9 | 8.9 | 8.9 |
| Cattle and Calves (Jan. 1) | 95.8 | 97.5 | 99.3 | 100.9 | 102.0 | 102.7 | 103.2 | 103.4 | 103.0 | 102.1 | 101.3 |
| Calf Crop | 37.8 | 38.6 | 39.3 | 39.8 | 40.1 | 40.3 | 40.4 | 40.2 | 39.8 | 39.4 | 39.0 |
| Calf Death Loss | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 |
| Calf Slaughter | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| Beef Cow Slaughter | 2.6 | 2.8 | 3.2 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 3.9 | 3.7 | 3.5 |
| Dairy Cow Slaughter | 2.3 | 2.6 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 | 2.7 |
| Bull Slaughter | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Steer and Heifer Slaughter | 27.2 | 28.0 | 28.2 | 28.6 | 29.2 | 29.6 | 29.8 | 30.2 | 30.3 | 30.2 | 30.1 |
| Total Slaughter | 33.3 | 34.7 | 35.4 | 36.1 | 36.8 | 37.3 | 37.6 | 38.1 | 38.2 | 37.9 | 37.5 |
| Cattle Imports | 1.8 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 |
| Cattle Exports | 0.0 | 0.1 | 0.2 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Cattle Death Loss | 2.3 | 2.4 | 2.4 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Residual | 0.1 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Cattle and Calves (Dec. 31) | 97.6 | 99.3 | 100.9 | 102.0 | 102.7 | 103.2 | 103.4 | 103.0 | 102.1 | 101.2 | 100.5 |
| Cattle on Feed (Jan. 1) | 13.7 | 14.3 | 13.6 | 13.7 | 14.0 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 |
| **Supply** | | | | | (Million Pounds) | | | | | | |
| Beginning Stocks | 637 | 600 | 641 | 658 | 677 | 696 | 709 | 721 | 737 | 743 | 740 |
| Imports | 3,567 | 3,540 | 3,510 | 3,495 | 3,412 | 3,344 | 3,295 | 3,218 | 3,222 | 3,276 | 3,380 |
| Production | 24,797 | 26,007 | 26,712 | 27,483 | 28,246 | 28,812 | 29,301 | 29,853 | 30,070 | 30,069 | 29,963 |
| Total | 29,001 | 30,147 | 30,864 | 31,636 | 32,334 | 32,853 | 33,305 | 33,792 | 34,028 | 34,087 | 34,083 |
| **Disappearance** | | | | | | | | | | | |
| Domestic Use | 27,757 | 28,583 | 28,877 | 29,231 | 29,670 | 30,014 | 30,335 | 30,677 | 30,890 | 30,992 | 31,019 |
| Exports | 644 | 923 | 1,329 | 1,728 | 1,968 | 2,130 | 2,248 | 2,378 | 2,395 | 2,355 | 2,330 |
| Total | 28,401 | 29,506 | 30,206 | 30,959 | 31,638 | 32,144 | 32,583 | 33,055 | 33,286 | 33,347 | 33,349 |
| Ending Stocks | 600 | 641 | 658 | 677 | 696 | 709 | 721 | 737 | 743 | 740 | 735 |
| **Per Capita Consumption** | | | | | (Pounds) | | | | | | |
| Carcass Weight | 93.5 | 95.4 | 95.6 | 95.9 | 96.5 | 96.8 | 97.0 | 97.2 | 97.1 | 96.6 | 95.9 |
| Retail Weight | 65.5 | 66.8 | 66.9 | 67.1 | 67.6 | 67.7 | 67.9 | 68.1 | 68.0 | 67.6 | 67.1 |
| Change | -0.9% | 2.1% | 0.1% | 0.3% | 0.6% | 0.3% | 0.2% | 0.3% | -0.2% | -0.5% | -0.7% |
| **Prices** | | | | | | | | | | | |
| 1100 - 1300 #, | | | | | (U.S. Dollars per Hundredweight) | | | | | | |
| Nebraska Direct Steers | 87.28 | 83.93 | 81.68 | 79.35 | 76.46 | 74.19 | 72.35 | 70.94 | 71.33 | 72.68 | 74.15 |
| Change | 3.0% | -3.8% | -2.7% | -2.9% | -3.6% | -3.0% | -2.5% | -1.9% | 0.6% | 1.9% | 2.0% |
| 600 - 650 #, Oklahoma City Feeder Steers | 120.04 | 113.18 | 105.54 | 100.47 | 95.34 | 90.37 | 85.81 | 83.81 | 84.44 | 86.88 | 90.01 |
| Change | 7.4% | -5.7% | -6.8% | -4.8% | -5.1% | -5.2% | -5.0% | -2.3% | 0.8% | 2.9% | 3.6% |
| Utility Cows, Sioux Falls | 54.59 | 51.01 | 48.03 | 45.65 | 44.09 | 42.33 | 40.64 | 39.73 | 39.90 | 41.40 | 43.04 |
| Change | 4.3% | -6.6% | -5.8% | -5.0% | -3.4% | -4.0% | -4.0% | -2.2% | 0.4% | 3.8% | 4.0% |
| Boxed Beef Cutout | 145.60 | 141.96 | 138.75 | 135.90 | 132.85 | 130.12 | 127.27 | 126.11 | 126.43 | 128.96 | 131.43 |
| Change | 3.5% | -2.5% | -2.3% | -2.1% | -2.2% | -2.1% | -2.2% | -0.9% | 0.3% | 2.0% | 1.9% |
| | | | | | (U.S. Dollars per Pound) | | | | | | |
| Beef Retail | 4.09 | 4.04 | 4.03 | 4.03 | 4.01 | 4.01 | 4.00 | 3.99 | 4.03 | 4.12 | 4.23 |
| Change | 0.6% | -1.2% | -0.1% | 0.0% | -0.5% | -0.2% | -0.2% | -0.3% | 1.1% | 2.2% | 2.7% |
| **Net Returns** | | | | | (U.S. Dollars per Cow) | | | | | | |
| Cow - Calf | 138.20 | 70.93 | 31.79 | 6.75 | -18.54 | -40.90 | -63.79 | -78.02 | -82.14 | -77.32 | -69.59 |

# U.S. Pork

Sow inventories have been remarkably stable over the past five years, despite volatility in producer returns. The sow herd declines in the long term, though large changes are not likely. Continuing productivity increases and hog imports from Canada allow pork production to grow by 2.4 billion pounds between 2005 and 2015.

Hog prices in 2005 remained near $50 per cwt despite the fifth consecutive year of record high pork production. As pork production grows at a faster rate in 2006 and 2007 and pork export growth slows, prices fall below $44 per cwt in 2006 and to near $40 in 2007. Higher corn prices combined with higher non-feed costs keep producer returns modest over the longer term, despite prices ranging from $45 to $50 per cwt.

Pork exports exhibited their second consecutive year of phenomenal growth in 2005. The 2005 export level of 2.66 billion pounds was 55% above the level achieved in 2003. The top five U.S. pork export markets (Japan, Mexico, Canada, Korea, and China) have all shown strong growth recently. As U.S. beef is welcomed back into more international markets, pork export growth is expected to slow but to stay positive.

## U.S. Pork Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| **Breeding Herd (Dec. 1*)** | 5.97 | 6.01 | 6.00 | 5.90 | 5.81 | 5.76 | 5.79 | 5.81 | 5.75 | 5.64 | 5.58 |
| Gilts Added | 3.25 | 3.30 | 3.27 | 3.23 | 3.18 | 3.19 | 3.24 | 3.19 | 3.11 | 3.07 | 3.06 |
| Sows Slaughter | 3.15 | 3.26 | 3.31 | 3.26 | 3.17 | 3.11 | 3.15 | 3.20 | 3.15 | 3.08 | 3.04 |
| Sows Farrowed | 11.50 | 11.67 | 11.67 | 11.55 | 11.42 | 11.39 | 11.54 | 11.62 | 11.53 | 11.41 | 11.37 |
| Pigs per Litter (Head) | 9.01 | 9.08 | 9.14 | 9.20 | 9.26 | 9.31 | 9.36 | 9.41 | 9.46 | 9.50 | 9.54 |
| **Market Hogs (Dec. 1*)** | 55.0 | 55.2 | 56.2 | 56.3 | 56.4 | 56.4 | 56.9 | 57.8 | 58.2 | 58.2 | 58.0 |
| Pig Crop | 103.7 | 106.0 | 106.7 | 106.3 | 105.8 | 106.1 | 108.1 | 109.4 | 109.1 | 108.5 | 108.5 |
| Barrow and Gilt Slaughter | 100.1 | 102.1 | 103.9 | 103.8 | 103.7 | 103.6 | 105.2 | 107.1 | 107.3 | 107.1 | 106.9 |
| Hog Imports | 8.0 | 8.6 | 8.9 | 9.2 | 9.4 | 9.6 | 9.7 | 9.9 | 10.1 | 10.2 | 10.4 |
| Hog Exports | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Death Loss/Residual | 11.3 | 11.4 | 11.4 | 11.4 | 11.4 | 11.4 | 11.6 | 11.7 | 11.7 | 11.7 | 11.7 |
| **Market Hogs (Nov. 30)** | 55.2 | 56.2 | 56.3 | 56.4 | 56.4 | 56.9 | 57.8 | 58.2 | 58.2 | 58.0 | 58.1 |
| **Supply** | | | | | (Million Pounds) | | | | | | |
| Beginning Stocks | 543 | 535 | 559 | 572 | 570 | 567 | 564 | 576 | 591 | 595 | 593 |
| Imports | 1,002 | 982 | 933 | 1,001 | 1,076 | 1,116 | 1,094 | 1,073 | 1,106 | 1,171 | 1,251 |
| Production | 20,702 | 21,249 | 21,716 | 21,787 | 21,835 | 21,912 | 22,340 | 22,848 | 22,998 | 23,034 | 23,101 |
| Total | 22,247 | 22,766 | 23,209 | 23,360 | 23,481 | 23,596 | 23,999 | 24,497 | 24,696 | 24,800 | 24,945 |
| **Disappearance** | | | | | | | | | | | |
| Domestic Use | 19,054 | 19,454 | 19,812 | 19,954 | 20,068 | 20,230 | 20,515 | 20,806 | 20,908 | 21,021 | 21,162 |
| Exports | 2,658 | 2,753 | 2,825 | 2,836 | 2,846 | 2,802 | 2,908 | 3,100 | 3,193 | 3,186 | 3,192 |
| Total | 21,712 | 22,207 | 22,637 | 22,790 | 22,914 | 23,031 | 23,423 | 23,906 | 24,101 | 24,208 | 24,354 |
| Ending Stocks | 535 | 559 | 572 | 570 | 567 | 564 | 576 | 591 | 595 | 593 | 592 |
| **Per Capita Consumption** | | | | | (Pounds) | | | | | | |
| Carcass Weight | 64.2 | 65.0 | 65.6 | 65.5 | 65.3 | 65.2 | 65.6 | 66.0 | 65.7 | 65.5 | 65.4 |
| Retail Weight | 49.8 | 50.4 | 50.9 | 50.8 | 50.7 | 50.6 | 50.9 | 51.2 | 51.0 | 50.8 | 50.8 |
| Change | -2.9% | 1.2% | 0.9% | -0.2% | -0.3% | -0.1% | 0.5% | 0.6% | -0.4% | -0.3% | -0.2% |
| **Prices** | | | | | | | | | | | |
| Barrows & Gilts, Natl. Base | | | | | (U.S. Dollars per Hundredweight) | | | | | | |
| 51-52% lean equiv. | 50.05 | 43.69 | 39.82 | 41.15 | 45.55 | 49.26 | 47.56 | 45.01 | 46.64 | 48.19 | 49.54 |
| Change | -4.7% | -12.7% | -8.9% | 3.3% | 10.7% | 8.1% | -3.4% | -5.4% | 3.6% | 3.3% | 2.8% |
| Sows, IA-S. Minn. #1-2, 300-400 lb | 42.85 | 37.78 | 35.17 | 36.57 | 39.02 | 41.44 | 39.53 | 36.82 | 38.38 | 39.75 | 40.90 |
| Change | -1.5% | -11.8% | -6.9% | 4.0% | 6.7% | 6.2% | -4.6% | -6.9% | 4.2% | 3.6% | 2.9% |
| Pork Cutout Value | 69.87 | 65.66 | 63.31 | 65.04 | 68.54 | 71.93 | 70.26 | 67.80 | 69.32 | 70.68 | 71.85 |
| Change | -5.0% | -6.0% | -3.6% | 2.7% | 5.4% | 4.9% | -2.3% | -3.5% | 2.2% | 2.0% | 1.7% |
| | | | | | (U.S. Dollars per Pound) | | | | | | |
| Pork Retail | 2.83 | 2.80 | 2.78 | 2.84 | 2.93 | 3.00 | 3.00 | 3.00 | 3.05 | 3.14 | 3.24 |
| Change | 1.3% | -1.0% | -0.5% | 2.2% | 3.1% | 2.5% | -0.1% | -0.1% | 1.7% | 3.2% | 3.1% |
| **Net Returns** | | | | | (U.S. Dollars per Hundredweight) | | | | | | |
| Farrow - Finish | 13.77 | 7.02 | 1.92 | 1.91 | 5.09 | 8.07 | 5.70 | 2.56 | 3.74 | 4.82 | 5.75 |

* Preceding year.

# U.S. Poultry

Broiler production registered 3.5% growth last year, completing two consecutive years of 3.5% growth for the first time since 1996-97. Production growth is expected to stay near or above 3% through 2008. After experiencing weak or negative growth for the past three years, turkey production increases by 2.4% in 2006.

Even though broiler-part prices began weakening in late 2005, the 12-city wholesale broiler price averaged over 70¢ for the second year in a row. Broiler and turkey prices decline considerably over the next couple of years, as increased production of all meats places more product in the domestic market. Egg prices, which hit their lowest level since 1992 in 2005, recover to around 74¢ per dozen over the longer term.

Slightly less than 15% of 2005 broiler production was exported, while turkey exports totaled just over 10% of production in 2005. Recent outbreaks of highly pathogenic avian influenza around the world could be a threat to broiler exports in the next couple of years. Most turkey exports are sent to Mexico. Turkey export growth prospects are important, as U.S. turkey consumption has declined for the past three years.

## U.S. Broiler Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Supply** | | | | | (Million Pounds) | | | | | | |
| Beginning Stocks | 713 | 850 | 889 | 911 | 934 | 953 | 966 | 976 | 987 | 998 | 1,010 |
| Imports | 34 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| Production | 34,915 | 36,098 | 37,194 | 38,320 | 39,330 | 40,207 | 41,002 | 41,759 | 42,524 | 43,311 | 44,155 |
| Total | 35,662 | 36,984 | 38,119 | 39,267 | 40,300 | 41,196 | 42,004 | 42,772 | 43,547 | 44,345 | 45,202 |
| **Disappearance*** | | | | | | | | | | | |
| Domestic Use | 29,601 | 30,764 | 31,542 | 32,370 | 33,276 | 34,070 | 34,741 | 35,383 | 35,972 | 36,540 | 37,163 |
| Exports | 5,211 | 5,330 | 5,666 | 5,963 | 6,071 | 6,160 | 6,287 | 6,402 | 6,577 | 6,795 | 7,015 |
| Total | 34,812 | 36,095 | 37,208 | 38,333 | 39,347 | 40,230 | 41,028 | 41,785 | 42,549 | 43,335 | 44,177 |
| Ending Stocks | 850 | 889 | 911 | 934 | 953 | 966 | 976 | 987 | 998 | 1,010 | 1,024 |
| **Per Capita Consumption** | | | | | (Pounds) | | | | | | |
| RTC Weight | 99.7 | 102.7 | 104.4 | 106.2 | 108.2 | 109.9 | 111.1 | 112.2 | 113.1 | 113.9 | 114.9 |
| Retail Weight | 85.3 | 87.7 | 89.0 | 90.5 | 92.1 | 93.4 | 94.3 | 95.1 | 95.8 | 96.3 | 97.1 |
| Change | 1.6% | 2.9% | 1.5% | 1.6% | 1.8% | 1.4% | 1.0% | 0.9% | 0.7% | 0.6% | 0.7% |
| **Prices** | | | | | (Cents per Pound) | | | | | | |
| 12-City Wholesale | 70.82 | 65.52 | 62.51 | 61.83 | 61.25 | 61.23 | 61.43 | 61.59 | 61.76 | 62.00 | 62.21 |
| Change | -4.5% | -7.5% | -4.6% | -1.1% | -0.9% | 0.0% | 0.3% | 0.3% | 0.3% | 0.4% | 0.3% |
| Bnls. Breast Wholesale, NE | 133.89 | 126.89 | 124.62 | 123.73 | 122.35 | 122.23 | 122.57 | 123.27 | 124.23 | 125.35 | 126.50 |
| Change | -26.1% | -5.2% | -1.8% | -0.7% | -1.1% | -0.1% | 0.3% | 0.6% | 0.8% | 0.9% | 0.9% |
| Whole Leg Wholesale, NE | 52.15 | 44.13 | 41.34 | 40.17 | 39.59 | 39.42 | 39.54 | 39.77 | 40.22 | 40.83 | 41.43 |
| Change | 20.1% | -15.4% | -6.3% | -2.9% | -1.4% | -0.4% | 0.3% | 0.6% | 1.2% | 1.5% | 1.5% |
| Broiler Retail | 174.07 | 172.59 | 171.77 | 171.64 | 171.27 | 171.69 | 172.95 | 174.48 | 176.26 | 178.20 | 180.21 |
| Change | 0.7% | -0.8% | -0.5% | -0.1% | -0.2% | 0.2% | 0.7% | 0.9% | 1.0% | 1.1% | 1.1% |
| **Net Returns** | 20.69 | 15.89 | 12.36 | 11.11 | 10.12 | 9.82 | 9.81 | 9.85 | 9.99 | 10.21 | 10.44 |

* Chicken feet/paws exports excluded from broiler exports beginning in 1997.

## U.S. Turkey Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Supply** | | | | | (Million Pounds) | | | | | | |
| Beginning Stocks | 288 | 200 | 249 | 285 | 297 | 300 | 302 | 305 | 309 | 313 | 317 |
| Imports | 8 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Production | 5,441 | 5,569 | 5,675 | 5,728 | 5,781 | 5,840 | 5,903 | 5,965 | 6,034 | 6,105 | 6,180 |
| Total | 5,737 | 5,773 | 5,928 | 6,017 | 6,082 | 6,143 | 6,210 | 6,275 | 6,347 | 6,422 | 6,501 |
| **Disappearance** | | | | | | | | | | | |
| Domestic Use | 4,958 | 4,924 | 5,010 | 5,054 | 5,104 | 5,153 | 5,202 | 5,251 | 5,299 | 5,346 | 5,395 |
| Exports | 580 | 600 | 633 | 666 | 678 | 688 | 702 | 715 | 735 | 759 | 784 |
| Total | 5,538 | 5,524 | 5,643 | 5,720 | 5,782 | 5,841 | 5,904 | 5,966 | 6,034 | 6,105 | 6,179 |
| Ending Stocks | 200 | 249 | 285 | 297 | 300 | 302 | 305 | 309 | 313 | 317 | 322 |
| | | | | | (Pounds) | | | | | | |
| **Per Capita Consumption** | 16.7 | 16.4 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.6 | 16.7 | 16.7 | 16.7 |
| Change | -1.9% | -1.6% | 0.8% | 0.0% | 0.1% | 0.1% | 0.1% | 0.1% | 0.1% | 0.0% | 0.1% |
| **Prices** | | | | | (U.S. Cents per Pound) | | | | | | |
| East. Region, Wholesale | 73.42 | 70.40 | 66.20 | 66.13 | 66.12 | 66.47 | 66.77 | 66.93 | 67.03 | 67.19 | 67.31 |
| Change | 5.3% | -4.1% | -6.0% | -0.1% | 0.0% | 0.5% | 0.5% | 0.2% | 0.2% | 0.2% | 0.2% |
| Turkey Retail | 107.23 | 109.99 | 108.54 | 109.33 | 109.46 | 109.97 | 110.54 | 111.02 | 111.65 | 112.27 | 112.91 |
| Change | -1.7% | 2.6% | -1.3% | 0.7% | 0.1% | 0.5% | 0.5% | 0.4% | 0.6% | 0.6% | 0.6% |
| **Net Returns** | 10.69 | 8.11 | 3.58 | 3.07 | 2.79 | 2.96 | 3.13 | 3.21 | 3.31 | 3.49 | 3.65 |

## U.S. Egg Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Supply** | | | | | (Million Dozen) | | | | | | |
| Beginning Stocks | 15 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| Production | 7,510 | 7,614 | 7,725 | 7,828 | 7,921 | 8,006 | 8,084 | 8,158 | 8,234 | 8,315 | 8,402 |
| Imports | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Total | 7,533 | 7,636 | 7,747 | 7,850 | 7,943 | 8,028 | 8,106 | 8,180 | 8,256 | 8,337 | 8,424 |
| **Disappearance** | | | | | | | | | | | |
| Civilian Disappearance | | | | | | | | | | | |
| Shell Egg | 4,393 | 4,446 | 4,515 | 4,575 | 4,629 | 4,678 | 4,725 | 4,769 | 4,815 | 4,863 | 4,915 |
| Breaking Egg | 1,928 | 1,960 | 1,988 | 2,016 | 2,042 | 2,064 | 2,085 | 2,105 | 2,127 | 2,149 | 2,174 |
| Hatching Egg | 998 | 1,016 | 1,035 | 1,054 | 1,068 | 1,079 | 1,088 | 1,096 | 1,103 | 1,111 | 1,120 |
| Exports | 200 | 200 | 195 | 191 | 190 | 192 | 194 | 196 | 198 | 200 | 202 |
| Total | 7,519 | 7,622 | 7,733 | 7,836 | 7,929 | 8,014 | 8,092 | 8,166 | 8,242 | 8,323 | 8,410 |
| Ending Stock | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| **Per Capita Consumption** | | | | | | (Eggs) | | | | | |
| Shell Egg | 177.6 | 178.2 | 179.3 | 180.1 | 180.7 | 181.0 | 181.3 | 181.4 | 181.6 | 181.9 | 182.3 |
| Change | -0.6% | 0.3% | 0.6% | 0.5% | 0.3% | 0.2% | 0.1% | 0.1% | 0.1% | 0.2% | 0.2% |
| Breaking Egg | 77.9 | 78.5 | 78.9 | 79.4 | 79.7 | 79.9 | 80.0 | 80.1 | 80.2 | 80.4 | 80.6 |
| Change | -0.6% | 0.7% | 0.5% | 0.5% | 0.4% | 0.2% | 0.2% | 0.1% | 0.1% | 0.2% | 0.3% |
| Total | 255.5 | 256.7 | 258.3 | 259.5 | 260.4 | 260.9 | 261.3 | 261.5 | 261.8 | 262.3 | 262.9 |
| **Prices** | | | | | (U.S. Cents per Dozen) | | | | | | |
| NY Grade A Lg Wholesale | 65.50 | 70.21 | 71.88 | 72.68 | 73.25 | 73.69 | 73.91 | 73.94 | 73.96 | 74.08 | 74.19 |
| Change | -20.3% | 7.2% | 2.4% | 1.1% | 0.8% | 0.6% | 0.3% | 0.0% | 0.0% | 0.2% | 0.1% |
| Shell Egg Retail | 121.82 | 129.45 | 130.79 | 131.88 | 132.70 | 133.15 | 133.48 | 134.00 | 134.92 | 135.96 | 137.08 |
| Change | -9.1% | 6.3% | 1.0% | 0.8% | 0.6% | 0.3% | 0.2% | 0.4% | 0.7% | 0.8% | 0.8% |
| **Net Returns** | -0.83 | 4.35 | 5.59 | 5.93 | 6.18 | 6.42 | 6.50 | 6.46 | 6.50 | 6.64 | 6.80 |

# U.S. Dairy

After averaging above $15 per cwt for the past two years, the U.S. all milk price is expected to fall to $13.49 per cwt in 2006. Further weakness in the all milk price is expected in 2007, as milk supplies outpace demand. Milk prices increase for the remainder of the baseline, as milk supplies are more closely balanced with demand.

Annual growth in milk production is expected to exceed 2.5% in 2006 in response to the higher milk prices of 2004 and 2005. Annual milk production growth is expected to average just over 1% in the baseline. Although the baseline shows little volatility in milk production growth, external shocks make supplies more variable than the average shown here.

Dairy cow inventories are expected to exceed 9.1 million head in 2006. Inventories decline over the remainder of the baseline, as growth in milk yields requires fewer dairy cows to balance milk supplies with overall demand growth.

## U.S. Milk Component Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Milk-Fat Basis** | | | | | (Million Pounds) | | | | | | |
| Fluid Use | 1,694 | 1,713 | 1,729 | 1,737 | 1,751 | 1,769 | 1,783 | 1,795 | 1,808 | 1,822 | 1,839 |
| Whole Milk | 580 | 572 | 569 | 565 | 563 | 562 | 559 | 555 | 552 | 549 | 546 |
| 2% Milk | 366 | 360 | 359 | 356 | 355 | 354 | 352 | 350 | 348 | 346 | 344 |
| 1% and Skim Milk | 76 | 76 | 76 | 75 | 75 | 75 | 74 | 74 | 74 | 73 | 73 |
| Other | 672 | 706 | 725 | 740 | 758 | 778 | 797 | 816 | 835 | 855 | 876 |
| Product Use | 4,451 | 4,578 | 4,640 | 4,683 | 4,739 | 4,802 | 4,852 | 4,903 | 4,952 | 5,002 | 5,052 |
| American Cheese | 1,228 | 1,261 | 1,275 | 1,286 | 1,302 | 1,320 | 1,335 | 1,350 | 1,365 | 1,380 | 1,397 |
| Other Cheese | 1,294 | 1,354 | 1,379 | 1,401 | 1,426 | 1,454 | 1,479 | 1,504 | 1,529 | 1,554 | 1,580 |
| Butter | 1,083 | 1,104 | 1,121 | 1,127 | 1,137 | 1,147 | 1,152 | 1,157 | 1,162 | 1,166 | 1,168 |
| Nonfat Dry | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 |
| Evap and Condensed | 59 | 59 | 59 | 58 | 58 | 58 | 57 | 57 | 57 | 56 | 56 |
| Frozen Products | 691 | 700 | 706 | 710 | 716 | 722 | 727 | 731 | 736 | 740 | 745 |
| Whey Products | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Other | 80 | 82 | 82 | 82 | 82 | 82 | 82 | 83 | 83 | 83 | 84 |
| Farm Use | 41 | 41 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 | 42 |
| Milk Production | 176,491 | 181,359 | 183,558 | 184,959 | 186,861 | 189,107 | 191,424 | 193,729 | 196,003 | 198,330 | 200,763 |
| % Fat | 3.67% | 3.67% | 3.67% | 3.67% | 3.67% | 3.67% | 3.66% | 3.65% | 3.64% | 3.63% | 3.62% |
| **Total Fat Supply** | 6,477 | 6,656 | 6,737 | 6,788 | 6,858 | 6,940 | 7,006 | 7,071 | 7,135 | 7,199 | 7,268 |
| Residual Fat | 292 | 323 | 326 | 326 | 326 | 328 | 329 | 331 | 332 | 333 | 334 |
| **Solids-Not-Fat Basis** | | | | | | | | | | | |
| Fluid Use | 4,899 | 4,876 | 4,869 | 4,846 | 4,836 | 4,836 | 4,824 | 4,807 | 4,788 | 4,773 | 4,765 |
| Whole Milk | 1,538 | 1,515 | 1,510 | 1,499 | 1,493 | 1,489 | 1,482 | 1,473 | 1,463 | 1,455 | 1,448 |
| 2% Milk | 1,673 | 1,647 | 1,640 | 1,629 | 1,622 | 1,618 | 1,610 | 1,600 | 1,590 | 1,581 | 1,574 |
| 1% and Skim Milk | 1,339 | 1,348 | 1,343 | 1,334 | 1,328 | 1,325 | 1,319 | 1,310 | 1,302 | 1,294 | 1,289 |
| Other | 349 | 366 | 376 | 384 | 393 | 404 | 413 | 423 | 433 | 443 | 454 |
| Product Use | 6,634 | 6,958 | 7,100 | 7,203 | 7,330 | 7,469 | 7,630 | 7,796 | 7,961 | 8,128 | 8,295 |
| American Cheese | 1,140 | 1,171 | 1,184 | 1,194 | 1,209 | 1,226 | 1,240 | 1,254 | 1,268 | 1,282 | 1,297 |
| Other Cheese | 1,346 | 1,409 | 1,435 | 1,458 | 1,484 | 1,513 | 1,539 | 1,565 | 1,591 | 1,617 | 1,644 |
| Butter | 40 | 41 | 42 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 |
| Nonfat Dry | 669 | 804 | 913 | 986 | 1,066 | 1,142 | 1,249 | 1,361 | 1,471 | 1,581 | 1,688 |
| Total Nonfat Dry | 1,139 | 1,267 | 1,374 | 1,446 | 1,526 | 1,604 | 1,712 | 1,824 | 1,933 | 2,043 | 2,152 |
| Nonfat Dry in Other | -470 | -463 | -461 | -460 | -461 | -462 | -462 | -462 | -462 | -463 | -464 |
| Evap and Condensed | 416 | 418 | 414 | 410 | 407 | 406 | 403 | 400 | 398 | 396 | 393 |
| Frozen Products | 986 | 999 | 1,007 | 1,013 | 1,021 | 1,030 | 1,037 | 1,044 | 1,050 | 1,056 | 1,064 |
| Whey Products | 1,524 | 1,592 | 1,580 | 1,575 | 1,576 | 1,583 | 1,591 | 1,599 | 1,609 | 1,620 | 1,630 |
| Other | 512 | 524 | 525 | 525 | 525 | 527 | 529 | 530 | 532 | 534 | 535 |
| Farm Use | 97 | 98 | 98 | 98 | 98 | 99 | 99 | 99 | 99 | 99 | 100 |
| Milk Production | 176,491 | 181,359 | 183,558 | 184,959 | 186,861 | 189,107 | 191,424 | 193,729 | 196,003 | 198,330 | 200,763 |
| % SNF | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% | 8.70% |
| **Total SNF Supply** | 15,355 | 15,778 | 15,970 | 16,091 | 16,257 | 16,452 | 16,654 | 16,854 | 17,052 | 17,255 | 17,466 |
| Residual Whey | 2,589 | 2,675 | 2,721 | 2,763 | 2,811 | 2,862 | 2,910 | 2,957 | 3,004 | 3,051 | 3,100 |
| Residual SNF | 1,137 | 1,171 | 1,181 | 1,181 | 1,182 | 1,187 | 1,191 | 1,196 | 1,200 | 1,203 | 1,206 |
| **Min. FMMO Class Prices** | | | | | (U.S. Dollars per Hundredweight) | | | | | | |
| Class I Mover | 14.40 | 12.45 | 12.29 | 12.54 | 12.75 | 12.77 | 12.81 | 12.83 | 12.85 | 12.92 | 13.01 |
| Class II | 13.48 | 11.92 | 11.77 | 12.08 | 12.28 | 12.22 | 12.25 | 12.27 | 12.30 | 12.37 | 12.42 |
| Class III | 14.05 | 12.27 | 12.11 | 12.36 | 12.57 | 12.59 | 12.63 | 12.65 | 12.67 | 12.74 | 12.83 |
| Class IV | 12.88 | 11.31 | 11.16 | 11.47 | 11.67 | 11.61 | 11.64 | 11.66 | 11.69 | 11.76 | 11.81 |
| **All Milk Price** | 15.14 | 13.38 | 13.22 | 13.47 | 13.66 | 13.65 | 13.67 | 13.68 | 13.69 | 13.75 | 13.81 |

# U.S. State-Level Dairy Supply

Dairy cow inventories in California are expected to continue to grow in the baseline. They increase by another 229,000 head from 2006 to 2015, far less than the nearly 1 million head increase seen from 1996 to 2005. Over the baseline, Idaho, New Mexico, and Arizona exhibit the largest inventory increases after California.

Although Wisconsin dairy cow inventories have stabilized in the last couple of years, further contraction by 163,000 head occurs in the baseline. In comparison, the decline from 1996 to 2005 was 214,000 head. New York, Pennsylvania, and Minnesota dairy cow inventories are also expected to contract over the baseline. In the three states combined, inventories fall by 233,000 head from 2006 to 2015.

Large variations in milk yields by state not only continue in the baseline but actually increase in magnitude. Arizona is projected to show the largest milk production per cow by 2015, approaching 28,000 pounds. Washington held that distinction in 2005 with just over 23,000 pounds of milk per cow. Conversely, Alaskan and Hawaiian cows post the lowest yields, in the 12,000-14,000 pound range.

## U.S. Dairy Cows by State

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Alabama | 16 | 14 | 13 | 11 | 10 | 9 | 8 | 8 | 7 | 6 | 6 |
| Alaska | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Arizona | 163 | 170 | 176 | 181 | 186 | 191 | 196 | 201 | 205 | 209 | 213 |
| Arkansas | 22 | 20 | 18 | 16 | 15 | 13 | 12 | 12 | 11 | 11 | 11 |
| California | 1,758 | 1,805 | 1,838 | 1,861 | 1,885 | 1,913 | 1,939 | 1,964 | 1,988 | 2,011 | 2,034 |
| Colorado | 104 | 104 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 110 | 110 |
| Connecticut | 20 | 20 | 19 | 19 | 18 | 18 | 17 | 17 | 17 | 16 | 16 |
| Delaware | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 |
| Florida | 137 | 134 | 129 | 124 | 120 | 117 | 115 | 112 | 110 | 108 | 106 |
| Georgia | 81 | 80 | 79 | 77 | 75 | 74 | 73 | 71 | 70 | 69 | 67 |
| Hawaii | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Idaho | 455 | 483 | 506 | 528 | 550 | 574 | 599 | 623 | 648 | 673 | 698 |
| Illinois | 104 | 104 | 103 | 101 | 99 | 98 | 96 | 95 | 94 | 92 | 91 |
| Indiana | 156 | 158 | 158 | 158 | 158 | 158 | 158 | 159 | 159 | 160 | 161 |
| Iowa | 187 | 185 | 182 | 177 | 174 | 171 | 168 | 166 | 165 | 163 | 162 |
| Kansas | 111 | 113 | 112 | 112 | 112 | 113 | 113 | 114 | 114 | 115 | 115 |
| Kentucky | 106 | 102 | 97 | 92 | 87 | 83 | 79 | 75 | 71 | 68 | 64 |
| Louisiana | 35 | 34 | 32 | 30 | 28 | 25 | 23 | 21 | 19 | 16 | 14 |
| Maine | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 27 | 26 | 25 | 25 |
| Maryland | 72 | 71 | 70 | 69 | 68 | 67 | 67 | 66 | 66 | 66 | 66 |
| Massachusetts | 17 | 16 | 15 | 14 | 13 | 12 | 12 | 11 | 11 | 11 | 11 |
| Michigan | 311 | 316 | 318 | 319 | 319 | 320 | 321 | 321 | 321 | 321 | 320 |
| Minnesota | 453 | 447 | 437 | 424 | 412 | 401 | 391 | 382 | 372 | 363 | 355 |
| Mississippi | 25 | 23 | 21 | 19 | 18 | 16 | 15 | 14 | 13 | 13 | 12 |
| Missouri | 117 | 115 | 112 | 108 | 104 | 101 | 97 | 95 | 92 | 89 | 86 |
| Montana | 19 | 19 | 19 | 18 | 18 | 18 | 18 | 17 | 17 | 17 | 16 |
| Nebraska | 60 | 58 | 54 | 51 | 48 | 45 | 42 | 40 | 38 | 36 | 34 |
| Nevada | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 26 | 26 | 26 |
| New Hampshire | 16 | 16 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 13 |
| New Jersey | 12 | 12 | 11 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 |
| New Mexico | 328 | 343 | 352 | 360 | 368 | 378 | 387 | 396 | 405 | 414 | 423 |
| New York | 648 | 649 | 643 | 634 | 626 | 620 | 614 | 609 | 603 | 598 | 593 |
| North Carolina | 54 | 51 | 48 | 45 | 43 | 41 | 39 | 38 | 38 | 37 | 37 |
| North Dakota | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 26 | 25 | 25 |
| Ohio | 270 | 273 | 272 | 270 | 268 | 267 | 266 | 265 | 263 | 262 | 260 |
| Oklahoma | 75 | 74 | 72 | 71 | 69 | 68 | 67 | 66 | 65 | 65 | 64 |
| Oregon | 121 | 120 | 119 | 117 | 116 | 115 | 115 | 116 | 116 | 118 | 119 |
| Pennsylvania | 561 | 555 | 544 | 530 | 518 | 508 | 498 | 490 | 481 | 473 | 466 |
| Rhode Island | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Carolina | 18 | 18 | 18 | 17 | 17 | 17 | 16 | 16 | 15 | 14 | 14 |
| South Dakota | 81 | 80 | 79 | 76 | 74 | 72 | 70 | 69 | 67 | 65 | 63 |
| Tennessee | 70 | 67 | 63 | 59 | 55 | 51 | 48 | 45 | 42 | 39 | 36 |
| Texas | 320 | 321 | 319 | 316 | 314 | 313 | 312 | 311 | 311 | 311 | 311 |
| Utah | 88 | 86 | 84 | 82 | 80 | 78 | 77 | 76 | 76 | 75 | 75 |
| Vermont | 143 | 142 | 140 | 138 | 135 | 133 | 131 | 129 | 127 | 125 | 123 |
| Virginia | 105 | 105 | 105 | 103 | 102 | 101 | 100 | 99 | 99 | 98 | 97 |
| Washington | 240 | 241 | 240 | 239 | 237 | 237 | 236 | 235 | 234 | 233 | 232 |
| West Virginia | 13 | 13 | 12 | 11 | 11 | 10 | 10 | 9 | 9 | 9 | 8 |
| Wisconsin | 1,236 | 1,240 | 1,228 | 1,207 | 1,185 | 1,167 | 1,148 | 1,129 | 1,110 | 1,090 | 1,071 |
| Wyoming | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **United States** | 9,033 | 9,107 | 9,085 | 9,016 | 8,964 | 8,942 | 8,924 | 8,909 | 8,894 | 8,882 | 8,875 |

## U.S. Milk Production by State

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Pounds) | | | | | | |
| Alabama | 224 | 213 | 192 | 172 | 155 | 141 | 130 | 120 | 111 | 104 | 98 |
| Alaska | 14 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Arizona | 3,737 | 4,087 | 4,294 | 4,483 | 4,672 | 4,862 | 5,047 | 5,226 | 5,398 | 5,567 | 5,731 |
| Arkansas | 293 | 273 | 248 | 225 | 206 | 191 | 179 | 171 | 165 | 162 | 162 |
| California | 37,548 | 38,722 | 39,667 | 40,504 | 41,400 | 42,325 | 43,241 | 44,132 | 45,005 | 45,886 | 46,774 |
| Colorado | 2,347 | 2,390 | 2,427 | 2,473 | 2,539 | 2,601 | 2,660 | 2,709 | 2,749 | 2,784 | 2,814 |
| Connecticut | 384 | 387 | 385 | 380 | 377 | 376 | 375 | 374 | 372 | 371 | 370 |
| Delaware | 131 | 132 | 131 | 130 | 128 | 127 | 125 | 124 | 122 | 120 | 118 |
| Florida | 2,275 | 2,269 | 2,213 | 2,158 | 2,119 | 2,093 | 2,074 | 2,057 | 2,042 | 2,029 | 2,019 |
| Georgia | 1,400 | 1,433 | 1,427 | 1,416 | 1,409 | 1,405 | 1,401 | 1,396 | 1,392 | 1,387 | 1,383 |
| Hawaii | 69 | 61 | 54 | 48 | 43 | 40 | 38 | 36 | 36 | 35 | 36 |
| Idaho | 10,165 | 10,987 | 11,723 | 12,449 | 13,222 | 13,983 | 14,759 | 15,549 | 16,352 | 17,173 | 18,014 |
| Illinois | 1,958 | 2,001 | 2,007 | 1,999 | 1,996 | 1,997 | 1,998 | 1,999 | 1,999 | 1,999 | 2,000 |
| Indiana | 3,124 | 3,259 | 3,307 | 3,337 | 3,382 | 3,437 | 3,496 | 3,556 | 3,617 | 3,682 | 3,751 |
| Iowa | 3,788 | 3,816 | 3,799 | 3,763 | 3,746 | 3,744 | 3,750 | 3,761 | 3,778 | 3,801 | 3,832 |
| Kansas | 2,279 | 2,346 | 2,383 | 2,416 | 2,463 | 2,517 | 2,572 | 2,626 | 2,679 | 2,732 | 2,779 |
| Kentucky | 1,373 | 1,350 | 1,307 | 1,258 | 1,215 | 1,175 | 1,136 | 1,099 | 1,062 | 1,027 | 992 |
| Louisiana | 433 | 437 | 421 | 397 | 372 | 348 | 322 | 295 | 267 | 237 | 207 |
| Maine | 595 | 604 | 590 | 573 | 559 | 549 | 540 | 532 | 525 | 519 | 513 |
| Maryland | 1,161 | 1,165 | 1,158 | 1,146 | 1,140 | 1,140 | 1,142 | 1,147 | 1,153 | 1,163 | 1,175 |
| Massachusetts | 292 | 284 | 269 | 255 | 245 | 238 | 233 | 231 | 230 | 230 | 232 |
| Michigan | 6,673 | 6,894 | 7,041 | 7,146 | 7,262 | 7,385 | 7,504 | 7,615 | 7,715 | 7,789 | 7,860 |
| Minnesota | 8,200 | 8,268 | 8,213 | 8,105 | 8,020 | 7,953 | 7,890 | 7,827 | 7,764 | 7,703 | 7,648 |
| Mississippi | 379 | 351 | 326 | 302 | 281 | 265 | 252 | 240 | 230 | 221 | 214 |
| Missouri | 1,765 | 1,770 | 1,744 | 1,705 | 1,674 | 1,647 | 1,622 | 1,597 | 1,573 | 1,549 | 1,527 |
| Montana | 372 | 380 | 383 | 382 | 382 | 383 | 384 | 384 | 385 | 384 | 384 |
| Nebraska | 1,078 | 1,048 | 1,001 | 951 | 909 | 872 | 838 | 807 | 776 | 747 | 720 |
| Nevada | 542 | 552 | 561 | 567 | 576 | 587 | 598 | 608 | 616 | 624 | 631 |
| New Hampshire | 304 | 303 | 297 | 291 | 288 | 288 | 288 | 289 | 290 | 292 | 294 |
| New Jersey | 192 | 203 | 200 | 195 | 191 | 187 | 184 | 180 | 177 | 174 | 171 |
| New Mexico | 6,951 | 7,317 | 7,572 | 7,813 | 8,080 | 8,361 | 8,644 | 8,926 | 9,211 | 9,503 | 9,806 |
| New York | 12,077 | 12,364 | 12,417 | 12,399 | 12,411 | 12,460 | 12,514 | 12,569 | 12,621 | 12,676 | 12,736 |
| North Carolina | 962 | 926 | 884 | 845 | 814 | 791 | 775 | 764 | 759 | 760 | 766 |
| North Dakota | 527 | 525 | 515 | 502 | 491 | 484 | 479 | 475 | 472 | 470 | 470 |
| Ohio | 4,730 | 4,867 | 4,934 | 4,963 | 5,008 | 5,062 | 5,114 | 5,164 | 5,210 | 5,256 | 5,303 |
| Oklahoma | 1,236 | 1,244 | 1,242 | 1,237 | 1,238 | 1,243 | 1,249 | 1,256 | 1,264 | 1,272 | 1,281 |
| Oregon | 2,283 | 2,320 | 2,308 | 2,295 | 2,298 | 2,313 | 2,337 | 2,368 | 2,406 | 2,453 | 2,508 |
| Pennsylvania | 10,514 | 10,600 | 10,531 | 10,404 | 10,311 | 10,252 | 10,203 | 10,158 | 10,117 | 10,082 | 10,056 |
| Rhode Island | 19 | 16 | 13 | 12 | 10 | 9 | 8 | 8 | 7 | 7 | 7 |
| South Carolina | 290 | 297 | 300 | 299 | 297 | 295 | 291 | 285 | 278 | 269 | 259 |
| South Dakota | 1,437 | 1,445 | 1,432 | 1,409 | 1,390 | 1,374 | 1,357 | 1,338 | 1,318 | 1,297 | 1,275 |
| Tennessee | 1,102 | 1,076 | 1,028 | 973 | 924 | 880 | 837 | 797 | 756 | 717 | 679 |
| Texas | 6,442 | 6,685 | 6,727 | 6,749 | 6,796 | 6,860 | 6,930 | 7,006 | 7,086 | 7,177 | 7,278 |
| Utah | 1,661 | 1,672 | 1,645 | 1,615 | 1,597 | 1,586 | 1,580 | 1,577 | 1,578 | 1,584 | 1,594 |
| Vermont | 2,640 | 2,674 | 2,658 | 2,628 | 2,604 | 2,586 | 2,567 | 2,548 | 2,528 | 2,508 | 2,490 |
| Virginia | 1,786 | 1,837 | 1,843 | 1,836 | 1,836 | 1,842 | 1,849 | 1,857 | 1,866 | 1,875 | 1,887 |
| Washington | 5,607 | 5,689 | 5,729 | 5,747 | 5,767 | 5,790 | 5,813 | 5,831 | 5,847 | 5,863 | 5,878 |
| West Virginia | 194 | 193 | 187 | 180 | 174 | 169 | 165 | 160 | 156 | 152 | 148 |
| Wisconsin | 22,864 | 23,538 | 23,732 | 23,731 | 23,747 | 23,800 | 23,837 | 23,852 | 23,841 | 23,817 | 23,790 |
| Wyoming | 74 | 77 | 79 | 80 | 81 | 83 | 84 | 85 | 87 | 88 | 89 |
| **United States** | 176,491 | 181,359 | 183,558 | 184,959 | 186,861 | 189,107 | 191,424 | 193,729 | 196,003 | 198,330 | 200,763 |

## U.S. All-Milk Prices by State

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Dollars per Hundredweight) | | | | | | |
| Alabama | 16.89 | 15.00 | 14.85 | 15.11 | 15.32 | 15.32 | 15.36 | 15.37 | 15.40 | 15.47 | 15.55 |
| Alaska | 19.43 | 17.69 | 17.54 | 17.82 | 18.02 | 18.01 | 18.05 | 18.06 | 18.09 | 18.16 | 18.23 |
| Arizona | 14.89 | 13.11 | 12.96 | 13.22 | 13.43 | 13.43 | 13.47 | 13.48 | 13.51 | 13.58 | 13.66 |
| Arkansas | 15.85 | 13.96 | 13.81 | 14.07 | 14.28 | 14.28 | 14.32 | 14.34 | 14.36 | 14.43 | 14.51 |
| California | 13.90 | 12.17 | 12.04 | 12.30 | 12.50 | 12.48 | 12.52 | 12.53 | 12.56 | 12.62 | 12.69 |
| Colorado | 14.88 | 13.10 | 12.95 | 13.21 | 13.42 | 13.42 | 13.46 | 13.47 | 13.50 | 13.56 | 13.65 |
| Connecticut | 16.32 | 14.53 | 14.38 | 14.64 | 14.85 | 14.85 | 14.88 | 14.90 | 14.93 | 14.99 | 15.07 |
| Delaware | 16.04 | 14.24 | 14.09 | 14.35 | 14.56 | 14.56 | 14.59 | 14.61 | 14.63 | 14.70 | 14.78 |
| Florida | 18.59 | 16.69 | 16.54 | 16.79 | 17.00 | 17.01 | 17.05 | 17.07 | 17.09 | 17.16 | 17.25 |
| Georgia | 15.85 | 13.96 | 13.81 | 14.06 | 14.27 | 14.28 | 14.32 | 14.33 | 14.36 | 14.43 | 14.51 |
| Hawaii | 24.24 | 22.46 | 22.31 | 22.58 | 22.78 | 22.78 | 22.82 | 22.84 | 22.86 | 22.93 | 23.01 |
| Idaho | 14.21 | 12.43 | 12.28 | 12.53 | 12.75 | 12.75 | 12.79 | 12.81 | 12.83 | 12.90 | 12.98 |
| Illinois | 15.81 | 14.02 | 13.87 | 14.13 | 14.34 | 14.34 | 14.38 | 14.39 | 14.42 | 14.49 | 14.57 |
| Indiana | 15.63 | 13.81 | 13.66 | 13.92 | 14.13 | 14.13 | 14.17 | 14.18 | 14.21 | 14.27 | 14.36 |
| Iowa | 15.75 | 13.97 | 13.82 | 14.07 | 14.28 | 14.29 | 14.32 | 14.34 | 14.36 | 14.43 | 14.51 |
| Kansas | 14.47 | 12.67 | 12.52 | 12.78 | 12.99 | 12.99 | 13.03 | 13.05 | 13.07 | 13.14 | 13.22 |
| Kentucky | 16.19 | 14.31 | 14.16 | 14.42 | 14.63 | 14.63 | 14.67 | 14.68 | 14.71 | 14.78 | 14.86 |
| Louisiana | 15.56 | 13.68 | 13.53 | 13.79 | 14.00 | 14.00 | 14.04 | 14.05 | 14.08 | 14.15 | 14.23 |
| Maine | 16.98 | 15.19 | 15.04 | 15.30 | 15.51 | 15.51 | 15.54 | 15.56 | 15.59 | 15.65 | 15.73 |
| Maryland | 16.04 | 14.24 | 14.09 | 14.35 | 14.56 | 14.56 | 14.59 | 14.61 | 14.64 | 14.70 | 14.78 |
| Massachusetts | 16.51 | 14.72 | 14.57 | 14.83 | 15.04 | 15.04 | 15.07 | 15.09 | 15.11 | 15.18 | 15.26 |
| Michigan | 15.43 | 13.63 | 13.48 | 13.74 | 13.95 | 13.95 | 13.99 | 14.01 | 14.03 | 14.10 | 14.18 |
| Minnesota | 15.38 | 13.59 | 13.44 | 13.70 | 13.91 | 13.91 | 13.95 | 13.97 | 13.99 | 14.06 | 14.15 |
| Mississippi | 15.85 | 13.96 | 13.81 | 14.07 | 14.28 | 14.28 | 14.32 | 14.34 | 14.36 | 14.43 | 14.51 |
| Missouri | 15.53 | 13.67 | 13.52 | 13.78 | 13.99 | 13.99 | 14.03 | 14.04 | 14.07 | 14.13 | 14.22 |
| Montana | 14.62 | 12.83 | 12.68 | 12.93 | 13.14 | 13.15 | 13.19 | 13.21 | 13.23 | 13.30 | 13.38 |
| Nebraska | 15.28 | 13.50 | 13.35 | 13.61 | 13.82 | 13.82 | 13.86 | 13.87 | 13.90 | 13.96 | 14.04 |
| Nevada | 14.06 | 12.27 | 12.12 | 12.38 | 12.59 | 12.58 | 12.62 | 12.64 | 12.66 | 12.73 | 12.81 |
| New Hampshire | 16.70 | 14.91 | 14.76 | 15.02 | 15.23 | 15.22 | 15.26 | 15.28 | 15.30 | 15.37 | 15.45 |
| New Jersey | 15.47 | 13.68 | 13.53 | 13.79 | 14.00 | 14.00 | 14.04 | 14.05 | 14.08 | 14.14 | 14.22 |
| New Mexico | 14.34 | 12.55 | 12.40 | 12.67 | 12.87 | 12.87 | 12.91 | 12.92 | 12.95 | 13.01 | 13.09 |
| New York | 15.56 | 13.77 | 13.62 | 13.88 | 14.09 | 14.09 | 14.12 | 14.14 | 14.17 | 14.23 | 14.31 |
| North Carolina | 16.22 | 14.35 | 14.20 | 14.46 | 14.67 | 14.66 | 14.70 | 14.72 | 14.74 | 14.81 | 14.89 |
| North Dakota | 15.38 | 13.59 | 13.44 | 13.69 | 13.90 | 13.91 | 13.95 | 13.97 | 13.99 | 14.06 | 14.14 |
| Ohio | 15.83 | 14.03 | 13.88 | 14.14 | 14.35 | 14.35 | 14.39 | 14.41 | 14.43 | 14.50 | 14.58 |
| Oklahoma | 16.51 | 14.67 | 14.52 | 14.78 | 14.99 | 14.99 | 15.03 | 15.04 | 15.07 | 15.14 | 15.22 |
| Oregon | 15.02 | 13.28 | 13.13 | 13.40 | 13.61 | 13.60 | 13.63 | 13.65 | 13.68 | 13.74 | 13.82 |
| Pennsylvania | 16.83 | 15.03 | 14.88 | 15.15 | 15.36 | 15.35 | 15.39 | 15.41 | 15.43 | 15.50 | 15.58 |
| Rhode Island | 16.70 | 14.91 | 14.76 | 15.02 | 15.23 | 15.22 | 15.26 | 15.28 | 15.30 | 15.37 | 15.45 |
| South Carolina | 16.41 | 14.53 | 14.38 | 14.65 | 14.85 | 14.85 | 14.89 | 14.91 | 14.93 | 15.00 | 15.08 |
| South Dakota | 15.56 | 13.78 | 13.63 | 13.89 | 14.09 | 14.10 | 14.14 | 14.15 | 14.18 | 14.25 | 14.33 |
| Tennessee | 15.85 | 13.97 | 13.82 | 14.08 | 14.29 | 14.29 | 14.32 | 14.34 | 14.36 | 14.43 | 14.51 |
| Texas | 15.42 | 13.61 | 13.46 | 13.73 | 13.94 | 13.93 | 13.97 | 13.99 | 14.01 | 14.08 | 14.16 |
| Utah | 14.81 | 13.03 | 12.88 | 13.14 | 13.35 | 13.35 | 13.39 | 13.41 | 13.43 | 13.50 | 13.58 |
| Vermont | 15.90 | 14.11 | 13.96 | 14.22 | 14.43 | 14.43 | 14.47 | 14.48 | 14.51 | 14.57 | 14.65 |
| Virginia | 16.43 | 14.57 | 14.42 | 14.68 | 14.89 | 14.88 | 14.92 | 14.94 | 14.96 | 15.03 | 15.11 |
| Washington | 15.02 | 13.28 | 13.13 | 13.41 | 13.61 | 13.60 | 13.63 | 13.65 | 13.68 | 13.74 | 13.82 |
| West Virginia | 15.56 | 13.73 | 13.58 | 13.85 | 14.05 | 14.05 | 14.09 | 14.11 | 14.13 | 14.20 | 14.28 |
| Wisconsin | 15.62 | 13.83 | 13.68 | 13.94 | 14.15 | 14.15 | 14.19 | 14.21 | 14.23 | 14.30 | 14.38 |
| Wyoming | 14.90 | 13.12 | 12.97 | 13.23 | 13.44 | 13.44 | 13.48 | 13.50 | 13.52 | 13.59 | 13.67 |
| **United States** | 15.14 | 13.38 | 13.22 | 13.47 | 13.66 | 13.65 | 13.67 | 13.68 | 13.69 | 13.75 | 13.81 |

# U.S. Dairy Products

U.S. nonfat dry milk prices are expected to follow world prices over the baseline. World nonfat dry prices remain at high enough levels for the CCC to avoid accumulation of any nonfat dry milk. This baseline for nonfat dry milk is in stark contrast to recent FAPRI baselines because of the strength in world milk powder demand.

With strong global demand for nonfat dry milk, U.S. nonfat dry exports grow each year, reaching 1.2 billion pounds in 2015. Over 55% of domestic nonfat dry milk production is exported by 2015. If global demand were to be much weaker than expected, some of the exports shown here could end up in CCC inventories.

Cheese prices are expected to continue to move lower in 2006, averaging below $1.35 per pound. The difference between world and U.S. cheese prices is much smaller than a few years ago. Opportunities may exist for certain types of U.S. cheese to become competitive on world markets.

## U.S. Dairy Product Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Butter** | | | | | (Million Pounds) | | | | | | |
| Production | 1,335 | 1,362 | 1,383 | 1,390 | 1,402 | 1,415 | 1,420 | 1,427 | 1,433 | 1,438 | 1,441 |
| Imports | 33 | 33 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 |
| Domestic Use | 1,365 | 1,396 | 1,418 | 1,428 | 1,441 | 1,454 | 1,465 | 1,475 | 1,484 | 1,492 | 1,497 |
| Total Foreign Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 48 | 47 | 45 | 42 | 43 | 45 | 45 | 46 | 46 | 46 | 46 |
| Gov't | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Comm. | 48 | 47 | 45 | 42 | 43 | 45 | 45 | 46 | 46 | 46 | 46 |
| CCC Net Rem. inc DEIP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **American Cheese** | | | | | | | | | | | |
| Production | 3,814 | 3,917 | 3,961 | 3,996 | 4,043 | 4,101 | 4,148 | 4,195 | 4,241 | 4,288 | 4,339 |
| Imports | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 | 45 |
| Domestic Use | 3,797 | 3,899 | 3,959 | 3,997 | 4,042 | 4,097 | 4,146 | 4,193 | 4,239 | 4,286 | 4,337 |
| Total Foreign Use | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| Ending Stocks | 510 | 536 | 546 | 553 | 562 | 574 | 584 | 594 | 604 | 614 | 624 |
| Gov't | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Comm. | 509 | 535 | 545 | 552 | 561 | 573 | 583 | 593 | 603 | 613 | 623 |
| CCC Net Rem. inc DEIP | -2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Other Cheese** | | | | | | | | | | | |
| Production | 5,288 | 5,535 | 5,635 | 5,726 | 5,828 | 5,940 | 6,043 | 6,145 | 6,247 | 6,349 | 6,456 |
| Imports | 403 | 407 | 411 | 415 | 419 | 424 | 428 | 432 | 436 | 441 | 445 |
| Domestic Use | 5,561 | 5,786 | 5,904 | 5,995 | 6,100 | 6,215 | 6,323 | 6,429 | 6,536 | 6,643 | 6,754 |
| Total Foreign Use | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 |
| Ending Stocks | 209 | 219 | 215 | 215 | 217 | 219 | 221 | 223 | 225 | 226 | 228 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 1,190 | 1,324 | 1,435 | 1,511 | 1,595 | 1,676 | 1,788 | 1,905 | 2,019 | 2,135 | 2,248 |
| Imports | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Domestic Use | 774 | 803 | 830 | 842 | 860 | 882 | 903 | 924 | 947 | 971 | 996 |
| Total Foreign Use | 666 | 583 | 604 | 670 | 735 | 794 | 884 | 980 | 1,071 | 1,163 | 1,251 |
| Ending Stocks | 164 | 104 | 107 | 107 | 109 | 110 | 114 | 117 | 120 | 124 | 127 |
| Gov't | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Comm. | 94 | 104 | 107 | 107 | 109 | 110 | 114 | 117 | 120 | 124 | 127 |
| CCC Net Rem. inc DEIP | -80 | -70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Evap. and Condensed Milk** | | | | | | | | | | | |
| Production | 711 | 713 | 707 | 701 | 696 | 693 | 688 | 684 | 680 | 676 | 672 |
| Imports | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Domestic Use | 631 | 641 | 637 | 630 | 625 | 622 | 617 | 613 | 609 | 605 | 601 |
| Total Foreign Use | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Ending Stocks | 45 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |

## U.S. Dairy Product Supply and Utilization (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Per Capita Consumption** | | | | | | (Pounds) | | | | | |
| Butter | 4.6 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 |
| Nonfat Dry Milk | 2.6 | 2.7 | 2.7 | 2.8 | 2.8 | 2.8 | 2.9 | 2.9 | 3.0 | 3.0 | 3.1 |
| Total Cheese | 31.5 | 32.3 | 32.6 | 32.8 | 33.0 | 33.3 | 33.5 | 33.7 | 33.9 | 34.1 | 34.3 |
| American | 12.8 | 13.0 | 13.1 | 13.1 | 13.1 | 13.2 | 13.3 | 13.3 | 13.3 | 13.4 | 13.4 |
| Other | 18.7 | 19.3 | 19.5 | 19.7 | 19.8 | 20.0 | 20.2 | 20.4 | 20.5 | 20.7 | 20.9 |
| Total Fluid Milk | 196.2 | 196.8 | 195.1 | 192.7 | 191.0 | 189.6 | 187.9 | 185.9 | 184.0 | 182.2 | 180.7 |
| Whole | 60.0 | 58.6 | 57.9 | 57.0 | 56.2 | 55.6 | 54.9 | 54.1 | 53.3 | 52.5 | 51.8 |
| 2% | 57.5 | 55.9 | 55.2 | 54.3 | 53.6 | 53.0 | 52.3 | 51.6 | 50.8 | 50.1 | 49.4 |
| Lowfat | 54.7 | 57.3 | 56.6 | 55.7 | 55.0 | 54.4 | 53.7 | 52.9 | 52.1 | 51.4 | 50.7 |
| Other | 24.0 | 25.0 | 25.4 | 25.7 | 26.1 | 26.6 | 27.0 | 27.4 | 27.8 | 28.2 | 28.7 |
| Ice Cream | 26.7 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.7 | 26.7 |
| **Wholesale Prices** | | | | | | (Cents per Pound) | | | | | |
| Butter, CME | 154.9 | 138.1 | 129.4 | 131.4 | 133.5 | 131.9 | 131.9 | 131.8 | 132.5 | 134.2 | 135.3 |
| Cheese, Am., 40#, CME | 149.3 | 131.7 | 130.7 | 132.9 | 134.8 | 135.2 | 135.6 | 135.7 | 135.9 | 136.4 | 137.3 |
| Nonfat Dry Milk, AA | 99.1 | 89.1 | 91.7 | 94.3 | 95.6 | 95.7 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 |
| Evaporated | 146.6 | 143.4 | 144.3 | 145.9 | 147.3 | 148.0 | 148.9 | 149.9 | 151.1 | 152.2 | 153.4 |
| **Retail Prices** | | | | | | (Dollars per Pound) | | | | | |
| Butter, Salted, AA, Stick | 3.28 | 3.13 | 3.07 | 3.13 | 3.20 | 3.19 | 3.20 | 3.21 | 3.24 | 3.27 | 3.29 |
| Cheese, Natural Cheddar | 4.38 | 4.17 | 4.17 | 4.26 | 4.35 | 4.40 | 4.45 | 4.50 | 4.56 | 4.62 | 4.70 |
| Milk, Frsh, Whole Fortified | 3.19 | 2.95 | 2.96 | 3.02 | 3.08 | 3.11 | 3.15 | 3.18 | 3.21 | 3.25 | 3.30 |
| Ice Cream (half gallon) | 3.74 | 3.71 | 3.73 | 3.76 | 3.82 | 3.86 | 3.89 | 3.91 | 3.94 | 3.97 | 4.01 |

# U.S. Aggregate Measures

# U.S. Land Use

Projected corn planted area declines to 80 million acres in 2006, in part because production costs have increased more for corn than for soybeans and wheat. Soybean area increases to 73.2 million acres in 2006 and wheat area increases to 58.2 million acres, as both crops benefit at the expense of corn. After 2006, stronger demand growth for corn than for other crops results in increases in corn acreage and less acreage planted to soybeans and wheat.

Upland cotton planted area is projected to increase to 14.2 million acres in 2006 as producers respond to two years of strong yields and returns. Sorghum area declined sharply between 2003 and 2005, and no recovery is projected. Increased production costs contribute to a projected decline in 2006 rice area to 3.16 million acres.

The total area planted to 13 major crops declined by more than 4 million acres in 2005, and is projected to remain fairly steady in 2006 and subsequent years. Conservation reserve area is projected to dip in 2008 and 2009 when many contracts expire but then expand to 38 million acres by 2014.

## U.S. Land Use for Major Crops

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Planted Area** | | | | | (Million Acres) | | | | | | |
| Corn | 81.76 | 79.99 | 81.59 | 82.42 | 83.47 | 84.57 | 85.47 | 85.81 | 85.80 | 85.93 | 86.05 |
| Soybeans | 72.14 | 73.15 | 71.39 | 71.14 | 71.13 | 70.61 | 70.29 | 70.31 | 70.36 | 70.22 | 70.08 |
| Wheat | 57.23 | 58.22 | 57.88 | 57.81 | 57.46 | 57.33 | 57.06 | 56.89 | 56.71 | 56.40 | 56.18 |
| Upland Cotton | 13.93 | 14.17 | 13.75 | 13.81 | 13.86 | 13.83 | 13.82 | 13.71 | 13.59 | 13.68 | 13.79 |
| Sorghum | 6.45 | 6.43 | 6.50 | 6.42 | 6.33 | 6.26 | 6.22 | 6.17 | 6.10 | 6.05 | 6.01 |
| Barley | 3.88 | 3.89 | 3.87 | 3.81 | 3.80 | 3.73 | 3.67 | 3.60 | 3.53 | 3.48 | 3.45 |
| Oats | 4.25 | 4.22 | 4.25 | 4.24 | 4.21 | 4.17 | 4.14 | 4.11 | 4.08 | 4.05 | 4.02 |
| Rice | 3.38 | 3.16 | 3.27 | 3.29 | 3.24 | 3.23 | 3.23 | 3.21 | 3.19 | 3.19 | 3.24 |
| Sunflowers | 2.71 | 2.59 | 2.41 | 2.47 | 2.46 | 2.43 | 2.41 | 2.40 | 2.39 | 2.37 | 2.35 |
| Peanuts | 1.66 | 1.51 | 1.52 | 1.53 | 1.54 | 1.54 | 1.53 | 1.53 | 1.53 | 1.52 | 1.52 |
| Sugar Beet | 1.29 | 1.41 | 1.34 | 1.33 | 1.33 | 1.31 | 1.27 | 1.27 | 1.24 | 1.23 | 1.22 |
| Sugarcane | 0.87 | 0.87 | 0.90 | 0.90 | 0.90 | 0.90 | 0.89 | 0.89 | 0.88 | 0.88 | 0.87 |
| Canola | 1.16 | 1.03 | 1.07 | 1.09 | 1.10 | 1.11 | 1.13 | 1.14 | 1.16 | 1.18 | 1.20 |
| **13 Crop Planted Area** | 250.70 | 250.65 | 249.75 | 250.25 | 250.83 | 251.03 | 251.13 | 251.02 | 250.55 | 250.17 | 249.98 |
| **Hay Harvested Area** | 61.65 | 62.09 | 62.47 | 62.61 | 62.68 | 62.65 | 62.62 | 62.57 | 62.52 | 62.44 | 62.33 |
| **13 Crops + Hay** | 312.35 | 312.74 | 312.21 | 312.86 | 313.51 | 313.67 | 313.75 | 313.59 | 313.08 | 312.61 | 312.31 |
| **Conservation Reserve** | 35.59 | 36.00 | 36.50 | 35.50 | 35.00 | 36.00 | 36.50 | 37.00 | 37.50 | 38.00 | 38.00 |
| **13 Crops + Hay + CRP** | 347.94 | 348.74 | 348.71 | 348.36 | 348.51 | 349.67 | 350.25 | 350.59 | 350.58 | 350.61 | 350.31 |

# U.S. Food Prices and Expenditures

Following the largest increase since 1990 in 2004, the CPI for food increased by a more typical 2.4% in 2005. Lower meat prices for the next few years should keep increases in the overall CPI for food near or below 2%. The CPI for fruits and vegetables registers the highest average growth rate over the projection period (2.6%), with meat the lowest (1.1%).

In real terms, per capita food expenditures declined slightly last year after a sharp increase in 2004. Nominal food expenditures rise from just over $700 billion in 2005 to about $950 billion in 2015. Real per capita food expenditures stay relatively stable over the baseline but do not return to pre-2004 levels.

Meat and dairy products account for roughly 36% of at-home food purchases. The amount spent on food away from home increases from 43% of total food expenditures in 2005 to 46% in 2015. The average consumer spent $573 more for food in 2005 than in 1995. A similar increase in food spending per person is expected from 2005 to 2015.

## U.S. Consumer Price Indexes for Food

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (1982-84=100) | | | | | | |
| **Food** | 190.7 | 193.7 | 197.1 | 201.1 | 205.1 | 209.0 | 212.7 | 216.8 | 221.7 | 227.2 | 233.0 |
| **Food at Home** | 189.8 | 192.0 | 194.8 | 198.6 | 202.1 | 205.5 | 208.7 | 212.3 | 216.7 | 221.8 | 227.2 |
| Cereal and Bakery | 209.0 | 213.6 | 218.4 | 222.8 | 227.2 | 231.5 | 236.4 | 241.9 | 247.9 | 254.0 | 260.2 |
| Meat | 184.7 | 185.1 | 185.8 | 187.9 | 189.7 | 191.7 | 192.7 | 193.9 | 197.0 | 201.7 | 206.9 |
| Dairy | 182.4 | 175.0 | 177.5 | 182.2 | 187.1 | 190.4 | 193.7 | 196.8 | 200.1 | 203.7 | 207.8 |
| Fruit and Vegetables | 241.4 | 249.1 | 254.6 | 260.7 | 266.7 | 272.7 | 279.5 | 286.9 | 294.9 | 303.1 | 311.4 |
| Other Food At Home | 167.0 | 170.5 | 172.8 | 175.6 | 178.2 | 180.5 | 182.6 | 185.1 | 187.8 | 190.6 | 193.4 |
| Sugar and Sweets | 165.2 | 169.0 | 170.7 | 174.0 | 177.3 | 180.3 | 182.6 | 186.0 | 188.9 | 192.4 | 195.8 |
| Fats and Oils | 167.7 | 170.4 | 173.5 | 176.0 | 178.5 | 180.7 | 182.9 | 185.3 | 187.6 | 189.9 | 192.2 |
| Other Prepared Items | 182.5 | 187.1 | 190.2 | 193.8 | 196.8 | 199.2 | 201.7 | 204.6 | 208.0 | 211.4 | 214.9 |
| Non-alc. Beverages | 144.4 | 146.3 | 147.5 | 149.3 | 151.1 | 152.7 | 154.2 | 155.9 | 157.6 | 159.4 | 161.2 |
| **Food Away From Home** | 193.4 | 197.5 | 201.5 | 206.0 | 210.6 | 215.1 | 219.5 | 224.3 | 229.7 | 235.8 | 242.3 |

## U.S. Per Capita Consumer Expenditures for Food

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Dollars per Person) | | | | | | |
| **Food at Home** | 1,362 | 1,378 | 1,393 | 1,415 | 1,436 | 1,457 | 1,476 | 1,497 | 1,522 | 1,552 | 1,584 |
| Cereal and Bakery | 187 | 190 | 193 | 196 | 198 | 201 | 203 | 207 | 211 | 215 | 219 |
| Meat | 355 | 359 | 361 | 367 | 372 | 377 | 379 | 382 | 388 | 398 | 408 |
| Dairy | 149 | 145 | 146 | 149 | 151 | 153 | 154 | 156 | 157 | 159 | 161 |
| Fruit and Vegetables | 231 | 236 | 240 | 245 | 250 | 255 | 260 | 266 | 272 | 278 | 285 |
| Other Food At Home | 441 | 448 | 453 | 459 | 466 | 473 | 479 | 486 | 494 | 503 | 512 |
| Sugar and Sweets | 53 | 54 | 54 | 55 | 56 | 57 | 57 | 57 | 58 | 59 | 59 |
| Fats and Oils | 37 | 38 | 39 | 40 | 40 | 41 | 41 | 42 | 42 | 42 | 43 |
| Miscellaneous | 215 | 218 | 221 | 225 | 229 | 233 | 237 | 241 | 246 | 252 | 258 |
| Trips | 17 | 18 | 19 | 19 | 19 | 20 | 20 | 21 | 22 | 22 | 23 |
| Non-alc. Beverages | 119 | 120 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 128 | 129 |
| **Food Away From Home** | 1,013 | 1,044 | 1,074 | 1,106 | 1,139 | 1,171 | 1,203 | 1,237 | 1,274 | 1,315 | 1,357 |
| **Total** | 2,375 | 2,421 | 2,467 | 2,521 | 2,575 | 2,628 | 2,679 | 2,733 | 2,796 | 2,867 | 2,941 |
| | | | | | (Billion Dollars) | | | | | | |
| **Aggregate Total** | 704.8 | 725.1 | 745.3 | 768.3 | 791.7 | 815.1 | 837.9 | 862.3 | 889.6 | 919.8 | 951.7 |

# U.S. Government Costs

Net CCC outlays jumped in FY 2005, as lower prices translated into increased spending on marketing loan and CCP programs. A further slight increase in net CCC outlays is expected in FY 2006. Low corn prices in 2005/06 and the corresponding large LDPs and CCPs account for much of the increase.

Projected net CCC outlays decline in later years. At the prices of this deterministic baseline, expenditures on the marketing loan program and CCPs decline to less than $1 billion by the end of the projection period.

Increased enrollment and rental rates result in an increase in projected spending on the conservation reserve. Mandatory government outlays under the crop insurance program and certain conservation programs are not included in the CCC account.

Tobacco Trust Fund outlays, included in CCC spending in USDA reports but not in a preliminary CBO report, average about $1 billion per year between FY 2005 and FY 2014. A March 2006 CBO report does include Tobacco Trust Fund outlays in CCC net outlays.

For non-CCC mandatory conservation programs, projected expenditures are based on preliminary January 2006 estimates from CBO. Estimates include effects of limitations on conservation spending required by the Deficit Reduction Act of 2005 but do not reflect revised CBO estimates from March 2006. Including these non-CCC programs, total mandatory outlays were $24.7 billion in FY 2005. Outlays top $26 billion in FY 2006 before declining to less than $18 billion by FY 2015.

The outlays reported here are consistent with the deterministic estimates of prices, production, and other measures reported elsewhere in this report. Stochastic analysis suggests that average spending levels are likely to exceed significantly these deterministic estimates. In any given year, there is some probability that commodity prices will be lower than reported here, generating larger expenditures on marketing loan and CCP programs. The difference between these deterministic estimates and the stochastic mean of CCC outlays can exceed $3 billion per year in later years of the baseline.

## U.S. Net Government Outlays

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Feed Grains** | | | | | (Million U.S. Dollars, Fiscal Year) | | | | | | |
| Corn | 6,242 | 9,475 | 5,468 | 4,127 | 3,166 | 2,338 | 2,094 | 2,101 | 2,104 | 2,102 | 2,103 |
| Sorghum | 376 | 526 | 347 | 352 | 300 | 253 | 214 | 199 | 199 | 199 | 199 |
| Barley | 189 | 191 | 101 | 94 | 89 | 87 | 86 | 86 | 86 | 85 | 85 |
| Oats | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| **Food Grains** | | | | | | | | | | | |
| Wheat | 1,232 | 1,241 | 1,087 | 1,190 | 1,169 | 1,175 | 1,175 | 1,178 | 1,178 | 1,177 | 1,178 |
| Rice | 473 | 699 | 690 | 780 | 825 | 761 | 656 | 561 | 467 | 426 | 431 |
| **Oilseeds** | | | | | | | | | | | |
| Soybeans | 1,140 | 494 | 1,550 | 991 | 693 | 599 | 598 | 596 | 601 | 604 | 605 |
| Peanuts | 408 | 346 | 324 | 240 | 279 | 266 | 268 | 270 | 265 | 258 | 253 |
| Other Oilseeds | 32 | 57 | 15 | 20 | 20 | 20 | 20 | 21 | 23 | 24 | 26 |
| **Other Commodities** | | | | | | | | | | | |
| Upland Cotton | 4,245 | 3,363 | 2,489 | 1,999 | 2,395 | 2,408 | 2,399 | 2,288 | 2,066 | 1,856 | 1,711 |
| Sugar | -86 | 0 | 0 | 0 | 0 | 0 | 14 | 16 | 75 | 51 | 68 |
| Dairy | -95 | 250 | 370 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **CCC Conservation** | | | | | | | | | | | |
| Conservation Reserve | 1,828 | 1,905 | 2,032 | 2,259 | 2,278 | 2,258 | 2,361 | 2,382 | 2,421 | 2,460 | 2,482 |
| Other CCC Conservation | 22 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Other** | | | | | | | | | | | |
| Disaster Payments, NAP | 2,575 | 1,055 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 | 325 |
| Other Net Costs | 703 | 937 | 1,087 | 1,087 | 1,144 | 1,206 | 1,217 | 1,211 | 1,207 | 1,199 | 1,200 |
| **Net CCC Outlays** | 19,288 | 20,545 | 15,890 | 13,503 | 12,687 | 11,698 | 11,431 | 11,237 | 11,021 | 10,770 | 10,669 |
| **Tobacco Trust Fund** | 899 | 1,033 | 955 | 955 | 955 | 955 | 955 | 955 | 955 | 955 | 0 |
| **NRCS Conservation** | 1,604 | 1,943 | 2,182 | 2,346 | 2,552 | 2,395 | 2,342 | 2,374 | 2,388 | 2,450 | 2,511 |
| **Crop Insurance** | 2,872 | 2,915 | 3,882 | 4,060 | 4,198 | 4,307 | 4,382 | 4,438 | 4,496 | 4,540 | 4,583 |
| **Total Mandatory Outlays** | 24,662 | 26,436 | 22,909 | 20,864 | 20,392 | 19,355 | 19,110 | 19,004 | 18,860 | 18,715 | 17,763 |

Note: "NRCS Conservation" denotes mandatory spending on conservation programs authorized by the 2002 farm bill that is not included in reported CCC outlays. USDA includes Tobacco Trust Fund spending in its tables reporting CCC outlays, but CBO does not.

# U.S. Cash Receipts from Farm Marketings

Cash receipts from sales of program crops (grains, oilseeds, cotton, and sugar) accounted for less than half of total crop receipts in 2005. Lower prices contribute to a reduction in program crop receipts in 2005 and 2006. Program crop receipts increase with prices and production after 2006.

Increases in prices and production contribute to $9.6 billion increase in corn receipts between 2005 and 2015. Absolute changes in receipts for all other program crops are much smaller, and oilseed receipts actually decline slightly between 2005 and 2015. Other crop receipts (fruits, vegetables, nursery products, hay, and other crops) vary less from year to year and grow at an annual rate of 2%.

Cash receipts from sales of cattle and calves reached record highs in 2005. Projected declines in cattle prices result in reductions in cattle receipts from 2006 to 2012. Poultry receipts dipped in 2005 and further small declines could occur in 2006 because of lower prices for broilers and turkey. Dairy receipts declined slightly in 2005 and a larger reduction is expected in 2006 because of lower milk prices.

## U.S. Cash Receipts from Farming

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Billion U.S. Dollars) | | | | | | |
| **Cash Receipts** | 238.96 | 230.75 | 231.04 | 236.19 | 241.18 | 245.37 | 248.06 | 251.00 | 255.66 | 260.91 | 266.31 |
| Crops | 114.08 | 111.41 | 113.72 | 117.70 | 121.11 | 124.23 | 127.03 | 129.76 | 132.24 | 134.84 | 137.63 |
| Feed Grains and Hay | 25.82 | 25.36 | 27.30 | 29.18 | 30.94 | 32.51 | 33.80 | 34.74 | 35.43 | 36.10 | 36.74 |
| Corn | 19.29 | 18.92 | 20.61 | 22.30 | 23.86 | 25.24 | 26.38 | 27.17 | 27.75 | 28.33 | 28.91 |
| Sorghum | 0.71 | 0.65 | 0.68 | 0.71 | 0.72 | 0.73 | 0.74 | 0.75 | 0.75 | 0.76 | 0.77 |
| Barley | 0.58 | 0.52 | 0.53 | 0.54 | 0.55 | 0.55 | 0.55 | 0.54 | 0.54 | 0.54 | 0.54 |
| Oats | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| Hay | 5.17 | 5.17 | 5.36 | 5.53 | 5.71 | 5.87 | 6.02 | 6.17 | 6.28 | 6.36 | 6.42 |
| Millet | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Food Grains | 8.83 | 8.20 | 8.22 | 8.42 | 8.63 | 8.86 | 9.05 | 9.20 | 9.34 | 9.48 | 9.62 |
| Wheat | 7.17 | 6.53 | 6.62 | 6.78 | 6.99 | 7.14 | 7.27 | 7.37 | 7.45 | 7.53 | 7.59 |
| Rice | 1.64 | 1.66 | 1.58 | 1.62 | 1.63 | 1.70 | 1.76 | 1.81 | 1.87 | 1.93 | 2.02 |
| Rye | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Oilseeds | 18.51 | 16.36 | 15.92 | 16.48 | 16.84 | 17.02 | 17.21 | 17.43 | 17.60 | 17.69 | 17.76 |
| Soybeans | 17.02 | 14.92 | 14.51 | 15.03 | 15.36 | 15.53 | 15.71 | 15.92 | 16.07 | 16.15 | 16.20 |
| Peanuts | 0.81 | 0.76 | 0.77 | 0.80 | 0.82 | 0.83 | 0.83 | 0.84 | 0.85 | 0.86 | 0.87 |
| Other | 0.68 | 0.67 | 0.64 | 0.65 | 0.66 | 0.67 | 0.67 | 0.68 | 0.68 | 0.68 | 0.68 |
| Cotton | 5.47 | 5.83 | 5.73 | 5.89 | 5.93 | 5.98 | 6.08 | 6.23 | 6.41 | 6.61 | 6.82 |
| Sugar | 2.22 | 2.29 | 2.30 | 2.32 | 2.32 | 2.27 | 2.22 | 2.17 | 2.14 | 2.13 | 2.10 |
| Other Crops * | 53.24 | 53.37 | 54.25 | 55.42 | 56.44 | 57.59 | 58.67 | 59.99 | 61.32 | 62.84 | 64.59 |
| Livestock and Products | 124.88 | 119.34 | 117.33 | 118.49 | 120.07 | 121.13 | 121.03 | 121.24 | 123.41 | 126.07 | 128.69 |
| Red Meats | 64.38 | 61.82 | 60.04 | 59.98 | 60.39 | 60.52 | 59.43 | 58.74 | 59.92 | 61.43 | 62.84 |
| Cattle, Calves | 49.59 | 48.44 | 47.52 | 47.02 | 46.12 | 45.11 | 44.25 | 44.04 | 44.62 | 45.62 | 46.56 |
| Hogs | 14.23 | 12.80 | 11.94 | 12.38 | 13.69 | 14.83 | 14.60 | 14.12 | 14.72 | 15.23 | 15.69 |
| Sheep, Lambs | 0.55 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 | 0.58 |
| Dairy Products | 26.97 | 24.26 | 24.27 | 24.91 | 25.52 | 25.80 | 26.17 | 26.49 | 26.83 | 27.26 | 27.73 |
| Poultry, Eggs | 28.97 | 28.56 | 28.29 | 28.80 | 29.26 | 29.82 | 30.41 | 30.93 | 31.48 | 32.07 | 32.68 |
| Broilers | 20.54 | 19.86 | 19.53 | 19.89 | 20.21 | 20.63 | 21.09 | 21.52 | 21.96 | 22.43 | 22.93 |
| Turkeys | 3.26 | 3.20 | 3.06 | 3.09 | 3.11 | 3.16 | 3.21 | 3.25 | 3.29 | 3.34 | 3.39 |
| Chicken Eggs | 4.40 | 4.73 | 4.91 | 5.04 | 5.14 | 5.22 | 5.29 | 5.34 | 5.40 | 5.46 | 5.53 |
| Other Poultry | 0.77 | 0.78 | 0.78 | 0.79 | 0.80 | 0.80 | 0.81 | 0.82 | 0.83 | 0.83 | 0.84 |
| Other Livestock † | 4.56 | 4.69 | 4.73 | 4.81 | 4.90 | 4.99 | 5.03 | 5.08 | 5.19 | 5.32 | 5.44 |
| **Government Payments** | 23.03 | 18.64 | 14.97 | 13.87 | 12.55 | 11.93 | 11.76 | 11.54 | 11.29 | 11.16 | 10.29 |
| **Cash Receipts + Payments** | 261.99 | 249.39 | 246.02 | 250.06 | 253.73 | 257.29 | 259.81 | 262.54 | 266.94 | 272.07 | 276.60 |

* Includes tobacco, vegetables and melons, fruits and tree nuts, and other crops.

† Includes horses, mules, and aquaculture.

# U.S. Farm Production Expenses

Farm production expenses increased by almost $28 billion between 2002 and 2005, and an additional $7 billion increase is projected for 2006. Energy prices account for much of the story, as fertilizer and fuels together contribute about $10 billion to the cost increase between 2002 and 2006. Global Insight forecasts of slowly declining energy prices from 2007 to 2012 suggest that fuel and fertilizer expenses could level off or even decline slightly for several years.

Increases in interest rates and real estate values contribute to increases in projected interest expenses. Rising wages explain much of the steady increase in expenses for contract and hired labor.

After a small decline in 2006 because of lower corn prices, feed costs increase with rising prices for corn. The rate of increase is moderated by fairly stable prices for soybean meal and corn by-products. Purchased livestock expenses decline with feeder cattle prices from 2005 to 2012 as cattle herds expand.

Net rent to non-operator landlords declines from 2006 to 2008 in response to lower net returns to crop production. Rental payments increase in later years as returns increase for most crops.

## U.S. Farm Production Expenses

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Billion U.S. Dollars) | | | | | | |
| **Farm-Origin Inputs** | 57.73 | 56.81 | 57.76 | 58.94 | 59.50 | 59.75 | 60.00 | 60.49 | 61.13 | 61.87 | 62.54 |
| Feed | 29.55 | 29.04 | 30.19 | 31.50 | 32.53 | 33.35 | 34.05 | 34.61 | 34.93 | 35.14 | 35.30 |
| Purchased Livestock | 18.20 | 17.32 | 16.70 | 16.35 | 15.71 | 15.05 | 14.46 | 14.28 | 14.44 | 14.83 | 15.20 |
| Seed | 9.98 | 10.45 | 10.87 | 11.09 | 11.25 | 11.35 | 11.48 | 11.61 | 11.76 | 11.90 | 12.04 |
| **Manufactured Inputs** | 35.78 | 38.85 | 38.11 | 37.80 | 37.51 | 36.97 | 36.72 | 36.92 | 37.59 | 38.28 | 38.97 |
| Fertilizer, Lime | 12.84 | 14.20 | 13.62 | 13.44 | 13.33 | 13.17 | 13.10 | 13.24 | 13.48 | 13.73 | 13.98 |
| Petroleum Fuel, Oils | 11.18 | 12.19 | 12.10 | 11.97 | 11.78 | 11.45 | 11.25 | 11.19 | 11.43 | 11.68 | 11.94 |
| Electricity | 3.38 | 3.58 | 3.59 | 3.59 | 3.57 | 3.50 | 3.48 | 3.50 | 3.60 | 3.69 | 3.79 |
| Pesticides | 8.39 | 8.88 | 8.79 | 8.80 | 8.84 | 8.84 | 8.90 | 8.99 | 9.09 | 9.18 | 9.26 |
| **Interest Charges** | 15.05 | 16.60 | 17.27 | 17.86 | 18.51 | 18.83 | 19.30 | 19.79 | 20.31 | 20.81 | 21.32 |
| Short-Term Interest | 6.72 | 7.57 | 7.65 | 7.75 | 7.95 | 7.86 | 8.00 | 8.21 | 8.47 | 8.72 | 8.97 |
| Real Estate Interest | 8.33 | 9.03 | 9.62 | 10.11 | 10.56 | 10.97 | 11.30 | 11.58 | 11.84 | 12.09 | 12.34 |
| **Other Operating Exp.** | 71.94 | 74.65 | 75.94 | 77.39 | 78.76 | 79.93 | 81.38 | 83.04 | 84.86 | 86.78 | 88.77 |
| Repair, Operation of Capital Items | 14.29 | 14.98 | 15.26 | 15.54 | 15.83 | 16.11 | 16.41 | 16.75 | 17.07 | 17.41 | 17.76 |
| Contract, Hired Labor | 23.61 | 24.52 | 25.41 | 26.24 | 27.02 | 27.73 | 28.53 | 29.34 | 30.09 | 30.91 | 31.74 |
| Machine Hire Custom Work | 3.78 | 3.93 | 3.95 | 3.99 | 4.04 | 4.07 | 4.12 | 4.18 | 4.25 | 4.30 | 4.36 |
| Marketing, Storage, and Transportation | 7.46 | 7.77 | 7.72 | 7.72 | 7.71 | 7.65 | 7.63 | 7.68 | 7.84 | 8.02 | 8.20 |
| Miscellaneous | 22.80 | 23.43 | 23.60 | 23.90 | 24.16 | 24.37 | 24.68 | 25.09 | 25.61 | 26.14 | 26.70 |
| **Other Overhead Exp.** | 40.60 | 41.38 | 41.16 | 41.43 | 42.15 | 42.87 | 43.64 | 44.38 | 45.07 | 45.75 | 46.39 |
| Capital Consumption | 23.00 | 23.80 | 24.34 | 24.68 | 24.95 | 25.17 | 25.39 | 25.66 | 26.00 | 26.37 | 26.78 |
| Property Taxes | 7.11 | 7.27 | 7.42 | 7.54 | 7.65 | 7.74 | 7.84 | 7.94 | 8.06 | 8.18 | 8.32 |
| Rent to Nonoperators | 10.48 | 10.31 | 9.41 | 9.21 | 9.56 | 9.96 | 10.41 | 10.77 | 11.02 | 11.20 | 11.29 |
| **Production Expenses** | 221.09 | 228.28 | 230.23 | 233.42 | 236.43 | 238.34 | 241.04 | 244.63 | 248.97 | 253.50 | 257.99 |
| **Noncash Expenses** | 21.00 | 21.85 | 22.39 | 22.73 | 23.00 | 23.22 | 23.44 | 23.72 | 24.05 | 24.42 | 24.83 |
| Labor Perquisites | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| Net Cap Consumption | 20.45 | 21.30 | 21.84 | 22.18 | 22.45 | 22.67 | 22.89 | 23.16 | 23.50 | 23.87 | 24.28 |
| **Op Dwelling Expenses** | 3.40 | 3.43 | 3.46 | 3.49 | 3.52 | 3.55 | 3.58 | 3.61 | 3.64 | 3.67 | 3.70 |
| **Cash Expenses** | 196.70 | 203.00 | 204.39 | 207.20 | 209.91 | 211.57 | 214.02 | 217.31 | 221.28 | 225.40 | 229.46 |

# U.S. Prices Paid by Farmers

Prices paid by farmers for all production items increased by 4.4% in 2005, slightly lower than the 6.5% seen in 2004. An increase of more than 3% is anticipated for 2006, with prices paid expected to decline in 2007—the first decrease since 2002. Production cost inflation remains below 2% per year through 2015.

Declines in crop and livestock prices in 2006 result in lower prices paid for feed, livestock, and poultry.

After increasing at double-digit percentage rates in 2003, 2004 and 2005, a smaller increase in fuel prices is expected for 2006. Increases for fertilizer are anticipated to be above 13%, but these costs are still expected to remain variable.

Nitrogen fertilizer again represents the largest growth component for fertilizer, with a 15% increase expected in 2006. Based on Global Insight projections of fuel, natural gas, and energy prices, farm prices for fuel and fertilizer could actually decline slightly from 2007 to 2011. In addition, interest prices could see a 12% increase in 2006, with only slight increases anticipated through 2015.

Prices paid for agricultural chemicals are expected to increase by less than 3% in 2006; however, prices paid for fungicides, especially those used to combat soybean rust, are expected to increase by 5.1%.

The need for building materials worldwide continues to elevate these prices paid in 2006.

## U.S. Indices of Prices Paid by Farmers

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Production, Interest,** | | | | | (1990-92=100) | | | | | | |
| **Taxes and Wages** | 141 | 146 | 147 | 149 | 151 | 152 | 154 | 156 | 159 | 162 | 165 |
| Production Items | 138 | 143 | 142 | 143 | 144 | 145 | 145 | 146 | 149 | 151 | 153 |
| Feed | 107 | 104 | 110 | 115 | 118 | 121 | 122 | 123 | 123 | 123 | 123 |
| Livestock & Poultry | 137 | 127 | 118 | 116 | 115 | 114 | 110 | 108 | 109 | 112 | 115 |
| Seeds | 166 | 174 | 181 | 185 | 187 | 188 | 190 | 192 | 194 | 197 | 199 |
| Fertilizer | 162 | 184 | 176 | 173 | 171 | 168 | 166 | 168 | 171 | 174 | 177 |
| Mixed Fertilizer | 142 | 160 | 154 | 154 | 154 | 154 | 154 | 156 | 159 | 162 | 165 |
| Nitrogen Fertilizer | 189 | 217 | 204 | 197 | 190 | 182 | 178 | 179 | 183 | 187 | 190 |
| Potash and Phosph. | 142 | 156 | 155 | 156 | 158 | 160 | 161 | 163 | 166 | 169 | 171 |
| Agricultural Chemicals | 121 | 124 | 123 | 123 | 124 | 124 | 125 | 127 | 128 | 130 | 131 |
| Herbicides | 114 | 116 | 114 | 114 | 113 | 113 | 113 | 114 | 115 | 116 | 117 |
| Insecticides | 142 | 149 | 149 | 150 | 152 | 154 | 157 | 161 | 164 | 168 | 170 |
| Fungicides/Other | 121 | 126 | 127 | 129 | 130 | 131 | 131 | 133 | 134 | 136 | 137 |
| Fuels | 210 | 227 | 222 | 218 | 212 | 204 | 198 | 195 | 199 | 203 | 207 |
| Supplies & Repairs | 146 | 154 | 157 | 159 | 160 | 162 | 163 | 166 | 168 | 170 | 173 |
| Farm Supplies | 139 | 153 | 156 | 157 | 157 | 155 | 155 | 155 | 156 | 157 | 158 |
| Repairs | 149 | 155 | 157 | 160 | 162 | 165 | 168 | 171 | 174 | 177 | 180 |
| Autos & Trucks | 113 | 114 | 113 | 114 | 114 | 114 | 115 | 118 | 121 | 123 | 126 |
| Farm Machinery | 173 | 181 | 185 | 191 | 197 | 202 | 208 | 215 | 221 | 227 | 232 |
| Building Materials | 148 | 159 | 162 | 164 | 166 | 166 | 166 | 168 | 170 | 172 | 174 |
| Farm Services | 129 | 136 | 136 | 137 | 138 | 138 | 140 | 142 | 144 | 145 | 147 |
| Rent | 127 | 133 | 129 | 129 | 130 | 130 | 131 | 132 | 134 | 136 | 138 |
| Interest * | 107 | 120 | 121 | 122 | 124 | 122 | 124 | 126 | 129 | 132 | 135 |
| Taxes † | 139 | 145 | 146 | 149 | 151 | 151 | 153 | 155 | 158 | 161 | 164 |
| Wage Rates | 164 | 169 | 174 | 179 | 184 | 189 | 194 | 199 | 203 | 208 | 213 |

Source: Global Insight 2004-2014.

* Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

† Farm real estate taxes payable per acre.

## U.S. Indices of Prices Paid by Farmers (percentage change)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Production, Interest,** | | | | | (Percentage Change) | | | | | | |
| **Taxes and Wages** | 5.0 | 3.7 | 0.7 | 1.3 | 1.3 | 0.9 | 1.1 | 1.5 | 1.9 | 1.9 | 1.8 |
| Production Items | 4.4 | 3.4 | -0.2 | 0.7 | 0.7 | 0.3 | 0.4 | 0.8 | 1.5 | 1.4 | 1.3 |
| Feed | -11.6 | -2.4 | 5.3 | 4.2 | 3.1 | 2.2 | 1.4 | 0.7 | 0.1 | 0.0 | -0.2 |
| Livestock & Poultry | 7.1 | -7.5 | -6.8 | -2.2 | -0.5 | -0.6 | -3.4 | -2.6 | 1.5 | 2.4 | 2.7 |
| Seeds | 5.1 | 5.0 | 4.1 | 1.7 | 1.0 | 0.6 | 1.0 | 1.0 | 1.4 | 1.2 | 1.2 |
| Fertilizer | 15.1 | 13.5 | -4.3 | -1.8 | -1.4 | -1.7 | -0.9 | 1.0 | 2.0 | 1.9 | 1.8 |
| Mixed Fertilizer | 14.1 | 12.8 | -3.3 | -0.4 | 0.4 | 0.0 | 0.1 | 1.3 | 1.9 | 1.9 | 1.7 |
| Nitrogen Fertilizer | 16.5 | 15.0 | -6.0 | -3.5 | -3.7 | -4.0 | -2.3 | 0.7 | 2.3 | 2.0 | 1.9 |
| Potash and Phosph. | 11.1 | 9.9 | -0.7 | 0.7 | 1.4 | 0.9 | 0.7 | 1.4 | 1.6 | 1.7 | 1.5 |
| Agricultural Chemicals | 1.0 | 2.7 | -0.7 | 0.0 | 0.4 | 0.2 | 0.7 | 1.3 | 1.5 | 1.1 | 1.0 |
| Herbicides | 1.1 | 1.3 | -1.3 | -0.6 | -0.3 | -0.5 | 0.2 | 0.8 | 1.1 | 0.8 | 0.7 |
| Insecticides | 1.5 | 5.1 | -0.4 | 0.6 | 1.5 | 1.5 | 2.0 | 2.4 | 2.3 | 1.9 | 1.5 |
| Fungicides/Other | 2.9 | 3.9 | 0.9 | 1.4 | 0.9 | 0.2 | 0.5 | 1.0 | 1.3 | 1.0 | 0.9 |
| Fuels | 28.8 | 7.9 | -1.9 | -2.0 | -2.7 | -3.8 | -2.8 | -1.4 | 1.8 | 2.0 | 1.9 |
| Supplies & Repairs | 6.7 | 5.7 | 1.5 | 1.2 | 1.1 | 0.8 | 1.0 | 1.3 | 1.5 | 1.4 | 1.5 |
| Farm Supplies | 9.7 | 10.0 | 1.6 | 0.7 | 0.0 | -0.8 | -0.5 | 0.2 | 0.7 | 0.6 | 0.6 |
| Repairs | 4.5 | 3.8 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.8 | 1.8 | 1.8 | 1.9 |
| Autos & Trucks | -0.8 | 1.2 | -1.2 | 0.9 | -0.4 | 0.2 | 1.3 | 2.2 | 2.5 | 2.3 | 2.2 |
| Farm Machinery | 6.9 | 4.3 | 2.2 | 3.6 | 3.1 | 2.7 | 2.9 | 3.1 | 2.9 | 2.5 | 2.4 |
| Building Materials | 10.3 | 7.7 | 1.9 | 1.3 | 0.8 | 0.0 | 0.4 | 1.0 | 1.4 | 1.2 | 1.2 |
| Farm Services | 4.4 | 5.2 | 0.1 | 0.5 | 0.6 | 0.3 | 0.9 | 1.4 | 1.5 | 1.2 | 1.0 |
| Rent | 5.7 | 4.6 | -2.4 | -0.4 | 0.6 | 0.3 | 0.6 | 1.2 | 1.5 | 1.3 | 1.0 |
| Interest * | 4.0 | 12.0 | 0.5 | 0.8 | 1.8 | -1.2 | 1.2 | 1.9 | 2.5 | 2.4 | 2.4 |
| Taxes † | 6.7 | 4.9 | 0.3 | 2.1 | 1.1 | 0.4 | 1.1 | 1.6 | 1.9 | 1.8 | 2.0 |
| Wage Rates | 2.0 | 2.6 | 3.3 | 3.0 | 2.8 | 2.5 | 2.6 | 2.5 | 2.2 | 2.4 | 2.4 |

Source: Global Insight 2004-2014.

* Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.

† Farm real estate taxes payable per acre.

# U.S. Net Farm Income

Livestock receipts set another record in 2005, in part because of an increase in cattle prices. Livestock receipts decline in 2006 because of lower prices for cattle, hogs, chickens, and milk.

Crop receipts dipped in 2005 from the 2004 record level, and a further decline is expected in 2006. Increases in production and prices result in rising crop receipts after 2006.

Farm cash expenses generally change with total production expenses. The major difference between the two measures is the treatment of capital consumption (depreciation). Cash expenses increased by $25 billion between 2002 and 2005. After a further significant increase in 2006, cash expenses increase by 1.4% per year between 2007 and 2015.

Net cash income declines from $83 billion in 2005 to $60 billion in 2007 and increases slightly in nominal terms in subsequent years. In 2005, nominal net farm income declined from the 2004 record, largely because of increased production costs. Net farm income declines by almost $18 billion in 2006 because of reduced cash receipts and increased production costs. After a small further decline in 2007, net farm income generally increases in nominal terms but declines in real terms after correcting for inflation.

These estimates are consistent with the deterministic prices, production, and other measures reported elsewhere in this publication. Stochastic analysis suggests that average farm income levels will be slightly higher than the deterministic estimates reported here. The main reason for the difference is that average levels of government payments are likely to be higher than in the deterministic estimate. The difference between the estimates reported here and the stochastic average estimates is typically $1 billion to $2 billion.

## U.S. Farm Income Statistics

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Billion U.S. Dollars) | | | | | | |
| 1. Farm Receipts | 256.47 | 248.73 | 249.39 | 254.91 | 260.24 | 264.67 | 267.63 | 270.89 | 275.92 | 281.55 | 287.30 |
| Crops | 114.08 | 111.41 | 113.72 | 117.70 | 121.11 | 124.23 | 127.03 | 129.76 | 132.24 | 134.84 | 137.63 |
| Livestock | 124.88 | 119.34 | 117.33 | 118.49 | 120.07 | 121.13 | 121.03 | 121.24 | 123.41 | 126.07 | 128.69 |
| Farm-Related * | 17.51 | 17.98 | 18.34 | 18.72 | 19.05 | 19.31 | 19.57 | 19.89 | 20.27 | 20.64 | 20.99 |
| 2. Government Payments | 23.03 | 18.64 | 14.97 | 13.87 | 12.55 | 11.93 | 11.76 | 11.54 | 11.29 | 11.16 | 10.29 |
| 3. Gross Cash Income (1 + 2) | 279.51 | 267.37 | 264.36 | 268.78 | 272.78 | 276.60 | 279.38 | 282.43 | 287.21 | 292.71 | 297.59 |
| 4. Nonmoney Income | 14.47 | 15.46 | 15.73 | 15.80 | 15.88 | 15.91 | 15.85 | 15.87 | 16.13 | 16.54 | 17.04 |
| 5. Value of Inventory Change | -0.32 | 0.08 | 0.62 | 0.74 | 0.64 | 0.59 | 0.57 | 0.21 | -0.07 | -0.05 | 0.08 |
| 6. Gross Farm Income (3 + 4 + 5) | 293.65 | 282.91 | 280.70 | 285.32 | 289.30 | 293.10 | 295.80 | 298.51 | 303.27 | 309.20 | 314.71 |
| 7. Cash Expenses † | 196.70 | 203.00 | 204.39 | 207.20 | 209.91 | 211.57 | 214.02 | 217.31 | 221.28 | 225.40 | 229.46 |
| 8. Total Expenses | 221.09 | 228.28 | 230.23 | 233.42 | 236.43 | 238.34 | 241.04 | 244.63 | 248.97 | 253.50 | 257.99 |
| 9. Net Cash Income (3 - 7) | 82.81 | 64.37 | 59.97 | 61.58 | 62.87 | 65.03 | 65.36 | 65.12 | 65.93 | 67.31 | 68.13 |
| 10. Realized Net Farm Income (3 + 4 - 8) | 72.88 | 54.56 | 49.85 | 51.16 | 52.22 | 54.17 | 54.19 | 53.67 | 54.38 | 55.76 | 56.64 |
| 11. Net Farm Income (6 - 8) | 72.56 | 54.64 | 50.47 | 51.90 | 52.86 | 54.76 | 54.76 | 53.88 | 54.31 | 55.70 | 56.72 |
| Deflated (1997 $) ‡ | 61.77 | 45.38 | 41.09 | 41.38 | 41.26 | 41.89 | 41.02 | 39.51 | 38.98 | 39.16 | 39.04 |

* Income from machine hire, custom work, sales of forest products, and other miscellaneous cash sources.
† Excludes capital consumption, perquisites to hired labor, and farm household expenses.
‡ Deflated by the GNP price deflator, 1997=1.

# U.S. Crop Insurance

The number of net acres insured increased to 245.84 million acres in 2005 and is expected to increase to 247.45 million acres in 2006. Increases in insured acreage for rangeland for 2005 led to the record high insured acreage of 2005. Insured acreage follows the general pattern in planted area for the major crops after 2006.

Total premiums fell to $3.95 billion in 2005. In 2006, total premium levels are expected to rebound to $4.1 billion because of increases in insurable crop prices for the revenue products, and premiums continue to trend upward after 2006, reaching $5.0 billion in 2015.

Premium subsidies fell to $2.3 billion in 2005. But premium subsidies also rebound in 2006 and trend upward over the period, reaching $2.9 billion in 2015.

Like 2004, there were no major crop disasters during 2005. Indemnities for the 2005 crop year are projected at $2.8 billion. Over the projection period, total indemnities follow a pattern similar to that of total premiums. Loss ratios of one indicate that "actuarially fair" premiums are being charged for the insurance products. These projections show that, overall, federal crop insurance will meet the loss ratio targets set by Congress.

Total obligations represent the federal government's financial responsibility to crop insurance. They are the costs for crop insurance before considering any crop insurance revenues. Total obligations are equal to the sum of indemnities, delivery expenses, administrative and operating expenses, agent commissions, and other expenses. Total obligations for FY 2006 are projected to reach near $3.5 billion. By 2008, the federal government's total financial obligation to crop insurance reaches more than $5 billion.

Net outlays take underwriting costs and crop insurance revenues into account. Net outlays are estimated at $2.9 billion for FY 2006. Outlays are expected to rise to $3.8 billion in 2007 and to rise steadily thereafter.

Budget authority is the amount the law allows the federal government to spend on a program. For crop insurance, it represents net outlays on a crop-year basis. Budget authority for FY 2006 is projected at $2.53 billion. Budget authority projections follow a pattern similar to that of net outlays.

## U.S. Crop Insurance

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Million Acres) | | | | | |
| Eligible Acres | 308.37 | 308.59 | 307.86 | 308.28 | 308.86 | 309.09 | 309.25 | 309.15 | 308.71 | 308.35 | 308.18 |
| Net Acres Insured | 245.84 | 247.45 | 247.20 | 248.05 | 248.87 | 249.37 | 251.19 | 250.02 | 251.89 | 250.01 | 250.17 |
| Crop Insurance | | | | | | (Percent) | | | | | |
| Participation Rate | 79.72 | 80.19 | 80.30 | 80.46 | 80.58 | 80.68 | 81.23 | 80.87 | 81.59 | 81.08 | 81.18 |
| | | | | | | (Billion U.S. Dollars, Crop Year) | | | | | |
| Total Premiums | 3.95 | 4.11 | 4.33 | 4.50 | 4.63 | 4.73 | 4.79 | 4.86 | 4.90 | 4.96 | 4.99 |
| Producer-Paid Premiums | 1.60 | 1.68 | 1.78 | 1.85 | 1.91 | 1.95 | 1.98 | 2.01 | 2.02 | 2.04 | 2.06 |
| Premium Subsidies | 2.34 | 2.43 | 2.55 | 2.65 | 2.72 | 2.78 | 2.81 | 2.85 | 2.88 | 2.91 | 2.93 |
| Total Indemnities | 2.76 | 4.11 | 4.33 | 4.50 | 4.63 | 4.73 | 4.79 | 4.86 | 4.90 | 4.96 | 4.99 |
| Loss Ratio | 0.70 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| | | | | | | (Billion U.S. Dollars, Fiscal Year) | | | | | |
| Total Obligations | 4.11 | 3.54 | 4.90 | 5.16 | 5.35 | 5.51 | 5.63 | 5.70 | 5.78 | 5.84 | 5.90 |
| Net Outlays | 2.87 | 2.92 | 3.88 | 4.06 | 4.20 | 4.31 | 4.38 | 4.44 | 4.50 | 4.54 | 4.58 |
| Budget Authority | 3.02 | 2.53 | 3.82 | 4.02 | 4.16 | 4.28 | 4.37 | 4.42 | 4.48 | 4.53 | 4.57 |

# World Wheat

# World Wheat

The world wheat price is higher in 2005/06, at $160.9 per mt, because of lower production and higher consumption. It is projected to decrease in 2006/07 to $157.5 per mt as production expands the world supply. The average annual growth rate of the wheat price is 1% over the next 10 years. The stocks-to-use ratio is slightly lower, at 24.2%, in 2005/06, and it is projected to increase to 24.4% in 2006/07 and to decrease slightly after that.

In 2005/06, world wheat area is smaller, as area decreases in Australia, the EU, Argentina, and Brazil. Wheat area is projected to increase by 2.2 mha in 2006/07 to reach 219.4 mha. The main sources of this increase are the recoveries in Australian and Argentine wheat area. Production increases to 624.8 mmt in 2006/07 with area recovery and yield growth; it reaches 672 mmt in 2015/16, mainly because of yield growth.

World wheat net trade increases by 4.9 mmt in 2006/07, to 93 mmt, because of lower prices and therefore higher food use. It grows 1.8% annually on average, reaching 105.7 mmt in 2015/16. The main demand increase comes from Asian, Middle Eastern, and African countries that have limited potential to meet their growing demand.

In 2005/06, EU-15 production decreases with the return to an average yield level and the decline in area. In 2006/07, production increases slightly, to 101 mmt, because of yield growth. Area increases only slightly over the next 10 years, so most of the production increase comes from yield growth. Net exports reach only 8.4 mmt in 2015/16, deterred by the strong euro.

In Argentina, area and yield are projected to recover, increasing production to 15.2 mmt in 2006/07 and to 18.6 mmt in 2015/16. The devaluation of the peso, production growth, and a modest consumption increase all contribute to Argentine net exports reaching 12.9 mmt in 2015/16.

Wheat area in Canada continues to decline over the next 10 years. Thus, the production increase comes from yield growth. Net exports increase to 16.6 mmt in 2006/07, as higher beginning stocks increase the supply. Net exports decrease to 15.7 mmt by 2015/16, as production growth cannot keep up with consumption growth.

Australian wheat area is lower in 2005/06, decreasing production. Production recovers in 2006/07 to 25.3 mmt with recovery in area; it reaches 27.8 mmt in 2015/16, mainly driven by yield growth. As production grows more than consumption, net exports reach 19.8 mmt in 2015/16.

Asian countries' wheat net imports grow 1.1% annually on average, reaching 30.7 mmt in 2015/16. In 2005/06, China's wheat imports decrease, to 1 mmt, because of the increase in production and the release of stocks. Although both an area increase and yield growth increase production in 2006/07, net imports are higher, at 3.1 mmt, as the persistent decline in stocks decreases the supply of wheat. Despite the increase in production and decreasing per capita consumption, China is projected to remain a wheat net importer over the next 10 years. Net imports are 2.2 mmt in 2015/16. Japan's net imports reach 5.4 mmt in 2015/16, while Pakistan's reach 1.3 mmt. India becomes a net exporter again in 2006/07.

Wheat production in Brazil has increased in the past few years, mainly because of an increase in area. Area is projected to be slightly lower in the next decade, lowering production. Combined with the consumption growth, the decline in production increases Brazil's wheat net imports to 7.9 mmt in 2015/16. Mexican net imports continue to increase, reaching 4.2 mmt in 2015/16. Rising per capita consumption, combined with population growth, is the main source of this demand growth.

Population growth drives the consumption increase in African and Middle Eastern countries, as their per capita consumption is projected to continue its downward trend. Their combined net imports reach 38.8 mmt in 2006/07 and 44.3 mmt in 2015/16. Egyptian and Algerian net imports reach 8.2 and 6.9 mmt in 2015/16, respectively. Iran becomes a net exporter, though a small one.

## Wheat Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 6,990 | 9,969 | 10,985 | 11,376 | 11,550 | 11,794 | 12,002 | 12,232 | 12,457 | 12,681 | 12,907 |
| Australia | 16,425 | 18,022 | 18,215 | 18,410 | 18,674 | 18,888 | 19,118 | 19,317 | 19,500 | 19,667 | 19,826 |
| Canada | 16,250 | 16,596 | 16,516 | 16,514 | 16,400 | 16,266 | 16,104 | 16,002 | 15,918 | 15,811 | 15,687 |
| EU New Member States | 1,280 | 2,844 | 2,336 | 2,064 | 1,543 | 1,430 | 1,421 | 1,373 | 1,350 | 1,340 | 1,303 |
| European Union-15 | 6,990 | 7,454 | 7,448 | 7,310 | 7,512 | 7,835 | 8,009 | 8,150 | 8,247 | 8,297 | 8,362 |
| Other CIS † | 845 | 1,087 | 1,577 | 2,009 | 2,430 | 2,820 | 3,302 | 3,735 | 4,170 | 4,605 | 5,051 |
| Russia | 9,000 | 7,936 | 7,957 | 8,538 | 8,828 | 8,832 | 8,742 | 8,735 | 8,783 | 8,847 | 8,856 |
| Ukraine | 5,450 | 5,692 | 5,236 | 5,224 | 5,289 | 5,365 | 5,455 | 5,552 | 5,659 | 5,755 | 5,853 |
| United States | 24,903 | 23,051 | 23,820 | 23,868 | 24,353 | 24,474 | 24,803 | 25,078 | 25,472 | 25,856 | 26,199 |
| Total Net Exports * | 88,158 | 93,035 | 94,807 | 96,299 | 97,565 | 99,027 | 100,489 | 101,704 | 103,071 | 104,418 | 105,733 |
| **Net Importers** | | | | | | | | | | | |
| Algeria | 5,500 | 5,993 | 6,104 | 6,216 | 6,307 | 6,426 | 6,497 | 6,589 | 6,684 | 6,778 | 6,878 |
| Brazil | 5,500 | 6,610 | 6,941 | 7,110 | 7,213 | 7,305 | 7,421 | 7,555 | 7,694 | 7,833 | 7,977 |
| China | 1,000 | 3,141 | 3,124 | 2,867 | 2,765 | 2,687 | 2,676 | 2,559 | 2,451 | 2,327 | 2,165 |
| Egypt | 7,490 | 7,255 | 7,341 | 7,400 | 7,501 | 7,627 | 7,766 | 7,884 | 8,001 | 8,114 | 8,224 |
| India | 500 | -329 | -647 | -903 | -901 | -1,259 | -1,471 | -1,460 | -1,415 | -1,422 | -1,515 |
| Iran | 150 | -55 | -69 | -82 | -84 | -63 | -64 | -70 | -101 | -137 | -175 |
| Japan | 5,250 | 5,244 | 5,322 | 5,382 | 5,383 | 5,390 | 5,388 | 5,382 | 5,375 | 5,364 | 5,355 |
| Mexico | 3,100 | 3,269 | 3,411 | 3,499 | 3,583 | 3,674 | 3,771 | 3,868 | 3,972 | 4,082 | 4,194 |
| Morocco | 2,800 | 2,619 | 2,443 | 2,410 | 2,362 | 2,368 | 2,427 | 2,469 | 2,517 | 2,561 | 2,612 |
| Other Africa/Middle East | 20,735 | 21,947 | 22,428 | 22,990 | 23,404 | 23,789 | 24,157 | 24,382 | 24,710 | 25,089 | 25,478 |
| Other Asia | 15,140 | 15,346 | 15,457 | 15,707 | 16,018 | 16,375 | 16,668 | 16,957 | 17,256 | 17,540 | 17,807 |
| Other Eastern Europe ‡ | -25 | 391 | 481 | 506 | 499 | 485 | 471 | 454 | 447 | 428 | 414 |
| Other Latin America | 8,900 | 9,069 | 9,308 | 9,525 | 9,686 | 9,839 | 9,965 | 10,085 | 10,207 | 10,321 | 10,433 |
| Pakistan | 750 | 374 | 491 | 554 | 651 | 746 | 833 | 937 | 1,043 | 1,156 | 1,268 |
| South Korea | 3,775 | 3,938 | 4,035 | 4,111 | 4,167 | 4,216 | 4,270 | 4,324 | 4,370 | 4,401 | 4,420 |
| Taiwan | 1,080 | 1,108 | 1,126 | 1,134 | 1,142 | 1,155 | 1,169 | 1,182 | 1,195 | 1,207 | 1,219 |
| Tunisia | 1,100 | 1,088 | 1,125 | 1,160 | 1,167 | 1,182 | 1,207 | 1,238 | 1,271 | 1,300 | 1,329 |
| Rest of World | 1,625 | 1,881 | 1,907 | 1,963 | 1,955 | 2,002 | 2,039 | 2,076 | 2,116 | 2,155 | 2,198 |
| Residual | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 | 3,763 |
| Total Net Imports | 88,158 | 93,035 | 94,807 | 96,299 | 97,565 | 99,027 | 100,489 | 101,704 | 103,071 | 104,418 | 105,733 |
| **Wheat Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| U.S. FOB Gulf | 160.91 | 157.48 | 161.51 | 163.89 | 168.39 | 170.89 | 173.32 | 174.72 | 176.00 | 177.30 | 178.24 |
| Canadian Wheat Board | 156.46 | 155.10 | 158.47 | 160.23 | 163.88 | 166.07 | 168.25 | 169.52 | 170.65 | 171.81 | 172.71 |
| AWB Limited Export Quote | 182.95 | 177.94 | 179.73 | 180.11 | 182.39 | 182.80 | 183.09 | 182.42 | 181.60 | 180.79 | 179.64 |
| European Union Market | 137.09 | 136.51 | 148.81 | 160.51 | 154.69 | 149.37 | 148.50 | 149.26 | 150.05 | 151.06 | 151.52 |

* Total net exports are the sum of all positive net exports and negative net imports.

† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.

‡ Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.

## World Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Thousand Hectares) | | | | | |
| Area Harvested | 217,190 | 219,411 | 218,754 | 218,852 | 218,463 | 218,838 | 219,090 | 219,333 | 219,523 | 219,621 | 219,774 |
| | | | | | | (Metric Tons per Hectare) | | | | | |
| Yield | 2.84 | 2.85 | 2.87 | 2.90 | 2.92 | 2.94 | 2.97 | 2.99 | 3.01 | 3.04 | 3.06 |
| | | | | | | (Thousand Metric Tons) | | | | | |
| Production | 616,407 | 624,836 | 628,550 | 634,440 | 638,265 | 644,339 | 650,150 | 655,941 | 661,430 | 666,657 | 672,049 |
| Beginning Stocks | 151,814 | 149,725 | 151,875 | 152,858 | 154,074 | 154,330 | 155,078 | 155,864 | 156,902 | 157,894 | 158,790 |
| Domestic Supply | 768,221 | 774,561 | 780,424 | 787,298 | 792,340 | 798,669 | 805,228 | 811,805 | 818,332 | 824,551 | 830,840 |
| Feed Use | 107,203 | 105,555 | 106,215 | 107,285 | 108,035 | 109,074 | 110,049 | 110,964 | 111,898 | 112,810 | 113,839 |
| Food and Other | 511,293 | 517,132 | 521,352 | 525,938 | 529,974 | 534,517 | 539,314 | 543,939 | 548,540 | 552,951 | 557,220 |
| Ending Stocks | 149,725 | 151,875 | 152,858 | 154,074 | 154,330 | 155,078 | 155,864 | 156,902 | 157,894 | 158,790 | 159,780 |
| Domestic Use | 768,221 | 774,561 | 780,424 | 787,298 | 792,340 | 798,669 | 805,228 | 811,805 | 818,332 | 824,551 | 830,840 |
| Trade * | 88,158 | 93,035 | 94,807 | 96,299 | 97,565 | 99,027 | 100,489 | 101,704 | 103,071 | 104,418 | 105,733 |
| | | | | | | (Percent) | | | | | |
| Stocks-to-Use Ratio | 24.21 | 24.39 | 24.36 | 24.33 | 24.19 | 24.10 | 24.00 | 23.96 | 23.91 | 23.85 | 23.81 |

* Excludes intraregional trade.

## U.S. Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Thousand Hectares) | | | | | |
| Area Harvested | 20,283 | 19,923 | 19,895 | 19,869 | 19,747 | 19,701 | 19,604 | 19,542 | 19,477 | 19,373 | 19,300 |
| | | | | | | (Metric Tons per Hectare) | | | | | |
| Yield | 2.82 | 2.81 | 2.82 | 2.85 | 2.87 | 2.89 | 2.91 | 2.93 | 2.95 | 2.97 | 2.99 |
| | | | | | | (Thousand Metric Tons) | | | | | |
| Production | 57,280 | 55,959 | 56,194 | 56,535 | 56,605 | 56,875 | 57,003 | 57,236 | 57,451 | 57,550 | 57,731 |
| Beginning Stocks | 14,699 | 14,745 | 14,987 | 14,611 | 14,373 | 13,856 | 13,561 | 13,296 | 13,196 | 13,147 | 13,073 |
| Domestic Supply | 71,979 | 70,704 | 71,181 | 71,146 | 70,978 | 70,731 | 70,565 | 70,532 | 70,646 | 70,697 | 70,804 |
| Feed Use | 5,443 | 5,492 | 5,530 | 5,631 | 5,461 | 5,336 | 5,048 | 4,772 | 4,479 | 4,152 | 3,857 |
| Food and Other | 26,888 | 27,174 | 27,221 | 27,274 | 27,308 | 27,360 | 27,418 | 27,486 | 27,549 | 27,615 | 27,683 |
| Ending Stocks | 14,745 | 14,987 | 14,611 | 14,373 | 13,856 | 13,561 | 13,296 | 13,196 | 13,147 | 13,073 | 13,064 |
| Domestic Use | 47,076 | 47,653 | 47,361 | 47,278 | 46,625 | 46,257 | 45,762 | 45,454 | 45,174 | 44,840 | 44,605 |
| Net Trade | 24,903 | 23,051 | 23,820 | 23,868 | 24,353 | 24,474 | 24,803 | 25,078 | 25,472 | 25,856 | 26,199 |

## Algerian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,400 | 1,770 | 1,695 | 1,709 | 1,714 | 1,718 | 1,717 | 1,720 | 1,722 | 1,721 | 1,723 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.07 | 1.09 | 1.11 | 1.13 | 1.15 | 1.16 | 1.18 | 1.20 | 1.22 | 1.24 | 1.26 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,500 | 1,929 | 1,879 | 1,926 | 1,963 | 2,000 | 2,030 | 2,066 | 2,100 | 2,130 | 2,164 |
| Beginning Stocks | 3,306 | 2,706 | 2,726 | 2,704 | 2,698 | 2,698 | 2,710 | 2,704 | 2,705 | 2,708 | 2,708 |
| Domestic Supply | 4,806 | 4,635 | 4,605 | 4,630 | 4,661 | 4,698 | 4,740 | 4,770 | 4,805 | 4,838 | 4,872 |
| Feed Use | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Food and Other | 7,550 | 7,852 | 7,955 | 8,098 | 8,220 | 8,364 | 8,482 | 8,603 | 8,732 | 8,858 | 8,991 |
| Ending Stocks | 2,706 | 2,726 | 2,704 | 2,698 | 2,698 | 2,710 | 2,704 | 2,705 | 2,708 | 2,708 | 2,709 |
| Domestic Use | 10,306 | 10,628 | 10,709 | 10,846 | 10,968 | 11,124 | 11,236 | 11,359 | 11,490 | 11,616 | 11,750 |
| Net Trade | -5,500 | -5,993 | -6,104 | -6,216 | -6,307 | -6,426 | -6,497 | -6,589 | -6,684 | -6,778 | -6,878 |

## Argentine Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,900 | 5,791 | 6,067 | 6,128 | 6,115 | 6,138 | 6,142 | 6,158 | 6,171 | 6,181 | 6,189 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.47 | 2.63 | 2.67 | 2.71 | 2.75 | 2.80 | 2.84 | 2.88 | 2.92 | 2.96 | 3.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 12,100 | 15,223 | 16,201 | 16,618 | 16,836 | 17,158 | 17,425 | 17,725 | 18,019 | 18,305 | 18,588 |
| Beginning Stocks | 705 | 615 | 659 | 671 | 683 | 687 | 698 | 705 | 714 | 723 | 732 |
| Domestic Supply | 12,805 | 15,838 | 16,860 | 17,288 | 17,519 | 17,845 | 18,122 | 18,429 | 18,733 | 19,028 | 19,320 |
| Feed Use | 80 | 83 | 84 | 85 | 85 | 86 | 87 | 88 | 90 | 91 | 93 |
| Food and Other | 5,120 | 5,127 | 5,120 | 5,144 | 5,197 | 5,267 | 5,329 | 5,395 | 5,463 | 5,524 | 5,578 |
| Ending Stocks | 615 | 659 | 671 | 683 | 687 | 698 | 705 | 714 | 723 | 732 | 743 |
| Domestic Use | 5,815 | 5,869 | 5,875 | 5,912 | 5,970 | 6,051 | 6,120 | 6,197 | 6,276 | 6,347 | 6,413 |
| Net Trade | 6,990 | 9,969 | 10,985 | 11,376 | 11,550 | 11,794 | 12,002 | 12,232 | 12,457 | 12,681 | 12,907 |

## Australian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 11,800 | 13,043 | 12,928 | 12,889 | 12,894 | 12,894 | 12,901 | 12,896 | 12,889 | 12,873 | 12,859 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.03 | 1.94 | 1.97 | 1.99 | 2.02 | 2.04 | 2.07 | 2.09 | 2.12 | 2.14 | 2.16 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 24,000 | 25,322 | 25,420 | 25,662 | 25,994 | 26,314 | 26,648 | 26,959 | 27,263 | 27,550 | 27,839 |
| Beginning Stocks | 6,893 | 7,868 | 8,368 | 8,633 | 8,805 | 8,917 | 9,018 | 9,107 | 9,192 | 9,275 | 9,355 |
| Domestic Supply | 30,893 | 33,190 | 33,788 | 34,296 | 34,799 | 35,232 | 35,666 | 36,066 | 36,455 | 36,826 | 37,194 |
| Feed Use | 3,900 | 4,088 | 4,210 | 4,336 | 4,444 | 4,542 | 4,641 | 4,738 | 4,843 | 4,953 | 5,071 |
| Food and Other | 2,700 | 2,713 | 2,730 | 2,746 | 2,763 | 2,784 | 2,801 | 2,819 | 2,836 | 2,851 | 2,865 |
| Ending Stocks | 7,868 | 8,368 | 8,633 | 8,805 | 8,917 | 9,018 | 9,107 | 9,192 | 9,275 | 9,355 | 9,433 |
| Domestic Use | 14,468 | 15,168 | 15,573 | 15,886 | 16,124 | 16,344 | 16,548 | 16,749 | 16,955 | 17,159 | 17,369 |
| Net Trade | 16,425 | 18,022 | 18,215 | 18,410 | 18,674 | 18,888 | 19,118 | 19,317 | 19,500 | 19,667 | 19,826 |

## Brazilian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,400 | 2,261 | 2,183 | 2,171 | 2,163 | 2,171 | 2,176 | 2,174 | 2,170 | 2,163 | 2,157 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.92 | 1.93 | 1.94 | 1.96 | 1.97 | 1.98 | 1.99 | 2.01 | 2.02 | 2.03 | 2.05 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,600 | 4,362 | 4,241 | 4,245 | 4,258 | 4,302 | 4,339 | 4,364 | 4,382 | 4,397 | 4,413 |
| Beginning Stocks | 1,433 | 733 | 650 | 628 | 619 | 609 | 602 | 602 | 606 | 610 | 614 |
| Domestic Supply | 6,033 | 5,095 | 4,891 | 4,872 | 4,877 | 4,910 | 4,941 | 4,966 | 4,988 | 5,007 | 5,027 |
| Feed Use | 800 | 732 | 758 | 779 | 793 | 808 | 826 | 844 | 861 | 880 | 899 |
| Food and Other | 10,000 | 10,322 | 10,446 | 10,585 | 10,688 | 10,804 | 10,935 | 11,071 | 11,210 | 11,346 | 11,486 |
| Ending Stocks | 733 | 650 | 628 | 619 | 609 | 602 | 602 | 606 | 610 | 614 | 619 |
| Domestic Use | 11,533 | 11,705 | 11,832 | 11,983 | 12,089 | 12,215 | 12,363 | 12,521 | 12,682 | 12,840 | 13,004 |
| Net Trade | -5,500 | -6,610 | -6,941 | -7,110 | -7,213 | -7,305 | -7,421 | -7,555 | -7,694 | -7,833 | -7,977 |

## Canadian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 9,830 | 9,804 | 9,547 | 9,508 | 9,465 | 9,484 | 9,451 | 9,434 | 9,423 | 9,406 | 9,392 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.73 | 2.70 | 2.72 | 2.74 | 2.76 | 2.78 | 2.80 | 2.82 | 2.84 | 2.85 | 2.87 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 26,800 | 26,498 | 25,984 | 26,059 | 26,121 | 26,354 | 26,442 | 26,572 | 26,720 | 26,852 | 26,989 |
| Beginning Stocks | 7,992 | 9,342 | 9,740 | 9,719 | 9,673 | 9,600 | 9,617 | 9,645 | 9,695 | 9,746 | 9,803 |
| Domestic Supply | 34,792 | 35,840 | 35,723 | 35,778 | 35,794 | 35,954 | 36,059 | 36,217 | 36,416 | 36,599 | 36,793 |
| Feed Use | 5,000 | 5,207 | 5,154 | 5,208 | 5,359 | 5,576 | 5,756 | 5,906 | 6,076 | 6,250 | 6,430 |
| Food and Other | 4,200 | 4,298 | 4,334 | 4,383 | 4,434 | 4,495 | 4,554 | 4,614 | 4,675 | 4,735 | 4,796 |
| Ending Stocks | 9,342 | 9,740 | 9,719 | 9,673 | 9,600 | 9,617 | 9,645 | 9,695 | 9,746 | 9,803 | 9,879 |
| Domestic Use | 18,542 | 19,244 | 19,207 | 19,264 | 19,394 | 19,688 | 19,955 | 20,215 | 20,498 | 20,788 | 21,106 |
| Net Trade | 16,250 | 16,596 | 16,516 | 16,514 | 16,400 | 16,266 | 16,104 | 16,002 | 15,918 | 15,811 | 15,687 |

## Chinese Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 22,700 | 22,996 | 22,877 | 22,907 | 22,837 | 22,769 | 22,746 | 22,710 | 22,662 | 22,609 | 22,556 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.27 | 4.29 | 4.30 | 4.32 | 4.33 | 4.34 | 4.35 | 4.35 | 4.36 | 4.37 | 4.37 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 97,000 | 98,620 | 98,467 | 98,950 | 98,775 | 98,721 | 98,862 | 98,852 | 98,793 | 98,707 | 98,624 |
| Beginning Stocks | 38,819 | 35,819 | 36,397 | 36,884 | 37,530 | 37,922 | 38,256 | 38,547 | 38,859 | 39,147 | 39,407 |
| Domestic Supply | 135,819 | 134,439 | 134,864 | 135,834 | 136,305 | 136,643 | 137,118 | 137,399 | 137,651 | 137,854 | 138,030 |
| Feed Use | 3,500 | 3,524 | 3,549 | 3,580 | 3,566 | 3,539 | 3,494 | 3,473 | 3,463 | 3,454 | 3,449 |
| Food and Other | 97,500 | 97,659 | 97,555 | 97,591 | 97,583 | 97,534 | 97,753 | 97,626 | 97,492 | 97,321 | 97,077 |
| Ending Stocks | 35,819 | 36,397 | 36,884 | 37,530 | 37,922 | 38,256 | 38,547 | 38,859 | 39,147 | 39,407 | 39,669 |
| Domestic Use | 136,819 | 137,581 | 137,988 | 138,701 | 139,070 | 139,330 | 139,794 | 139,958 | 140,103 | 140,181 | 140,195 |
| Net Trade | -1,000 | -3,141 | -3,124 | -2,867 | -2,765 | -2,687 | -2,676 | -2,559 | -2,451 | -2,327 | -2,165 |

## Egyptian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,120 | 1,190 | 1,203 | 1,214 | 1,217 | 1,218 | 1,220 | 1,222 | 1,225 | 1,227 | 1,229 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 6.07 | 6.17 | 6.27 | 6.37 | 6.47 | 6.57 | 6.67 | 6.77 | 6.87 | 6.97 | 7.07 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,800 | 7,342 | 7,545 | 7,738 | 7,876 | 8,008 | 8,143 | 8,279 | 8,418 | 8,556 | 8,696 |
| Beginning Stocks | 2,464 | 2,354 | 2,324 | 2,320 | 2,314 | 2,302 | 2,295 | 2,297 | 2,296 | 2,295 | 2,294 |
| Domestic Supply | 9,264 | 9,696 | 9,869 | 10,058 | 10,190 | 10,310 | 10,439 | 10,576 | 10,714 | 10,851 | 10,990 |
| Feed Use | 50 | 53 | 54 | 54 | 54 | 54 | 54 | 54 | 55 | 56 | 57 |
| Food and Other | 14,350 | 14,574 | 14,836 | 15,090 | 15,335 | 15,588 | 15,854 | 16,110 | 16,364 | 16,616 | 16,864 |
| Ending Stocks | 2,354 | 2,324 | 2,320 | 2,314 | 2,302 | 2,295 | 2,297 | 2,296 | 2,295 | 2,294 | 2,292 |
| Domestic Use | 16,754 | 16,951 | 17,210 | 17,458 | 17,691 | 17,937 | 18,205 | 18,461 | 18,715 | 18,965 | 19,214 |
| Net Trade | -7,490 | -7,255 | -7,341 | -7,400 | -7,501 | -7,627 | -7,766 | -7,884 | -8,001 | -8,114 | -8,224 |

## EU New Member States Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,227 | 5,007 | 5,014 | 4,998 | 4,894 | 4,883 | 4,898 | 4,899 | 4,899 | 4,898 | 4,896 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.23 | 4.31 | 4.33 | 4.36 | 4.39 | 4.42 | 4.45 | 4.48 | 4.51 | 4.53 | 4.56 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 22,111 | 21,556 | 21,696 | 21,787 | 21,498 | 21,589 | 21,793 | 21,938 | 22,076 | 22,210 | 22,344 |
| Beginning Stocks | 6,500 | 8,070 | 7,378 | 7,139 | 7,080 | 7,073 | 7,103 | 7,145 | 7,193 | 7,242 | 7,287 |
| Domestic Supply | 28,611 | 29,626 | 29,074 | 28,925 | 28,579 | 28,662 | 28,895 | 29,083 | 29,269 | 29,452 | 29,631 |
| Feed Use | 8,440 | 8,553 | 8,663 | 8,767 | 8,893 | 9,004 | 9,145 | 9,278 | 9,386 | 9,482 | 9,598 |
| Food and Other | 10,821 | 10,851 | 10,937 | 11,014 | 11,070 | 11,125 | 11,185 | 11,239 | 11,292 | 11,343 | 11,397 |
| Ending Stocks | 8,070 | 7,378 | 7,139 | 7,080 | 7,073 | 7,103 | 7,145 | 7,193 | 7,242 | 7,287 | 7,334 |
| Domestic Use | 27,331 | 26,782 | 26,738 | 26,861 | 27,035 | 27,231 | 27,475 | 27,710 | 27,920 | 28,112 | 28,328 |
| Net Trade | 1,280 | 2,844 | 2,336 | 2,064 | 1,543 | 1,430 | 1,421 | 1,373 | 1,350 | 1,340 | 1,303 |

## European Union-15 Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 17,480 | 17,452 | 17,580 | 17,578 | 17,585 | 17,671 | 17,709 | 17,741 | 17,770 | 17,793 | 17,822 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 5.76 | 5.79 | 5.81 | 5.86 | 5.90 | 5.92 | 5.95 | 5.98 | 6.01 | 6.04 | 6.07 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 100,714 | 101,028 | 102,197 | 102,974 | 103,687 | 104,597 | 105,370 | 106,083 | 106,782 | 107,458 | 108,159 |
| Beginning Stocks | 20,407 | 18,210 | 17,856 | 17,939 | 17,982 | 18,000 | 18,084 | 18,188 | 18,307 | 18,428 | 18,540 |
| Domestic Supply | 121,121 | 119,238 | 120,053 | 120,914 | 121,669 | 122,596 | 123,454 | 124,272 | 125,089 | 125,886 | 126,699 |
| Feed Use | 45,500 | 43,462 | 43,895 | 44,746 | 45,255 | 45,654 | 46,092 | 46,508 | 46,969 | 47,479 | 47,984 |
| Food and Other | 50,421 | 50,467 | 50,771 | 50,876 | 50,902 | 51,024 | 51,164 | 51,306 | 51,446 | 51,570 | 51,696 |
| Ending Stocks | 18,210 | 17,856 | 17,939 | 17,982 | 18,000 | 18,084 | 18,188 | 18,307 | 18,428 | 18,540 | 18,657 |
| Domestic Use | 114,131 | 111,784 | 112,605 | 113,604 | 114,157 | 114,761 | 115,445 | 116,121 | 116,842 | 117,589 | 118,337 |
| Net Trade | 6,990 | 7,454 | 7,448 | 7,310 | 7,512 | 7,835 | 8,009 | 8,150 | 8,247 | 8,297 | 8,362 |

## European Union Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 22,707 | 22,459 | 22,594 | 22,575 | 22,479 | 22,554 | 22,606 | 22,640 | 22,669 | 22,691 | 22,718 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 5.41 | 5.46 | 5.48 | 5.53 | 5.57 | 5.59 | 5.63 | 5.65 | 5.68 | 5.71 | 5.74 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 122,825 | 122,584 | 123,893 | 124,761 | 125,185 | 126,185 | 127,163 | 128,022 | 128,858 | 129,669 | 130,503 |
| Beginning Stocks | 26,907 | 26,280 | 25,234 | 25,078 | 25,062 | 25,073 | 25,186 | 25,333 | 25,500 | 25,669 | 25,827 |
| Domestic Supply | 149,732 | 148,864 | 149,127 | 149,839 | 150,248 | 151,258 | 152,349 | 153,355 | 154,358 | 155,338 | 156,330 |
| Feed Use | 53,940 | 52,015 | 52,557 | 53,513 | 54,148 | 54,658 | 55,237 | 55,786 | 56,355 | 56,961 | 57,581 |
| Food and Other | 61,242 | 61,318 | 61,708 | 61,889 | 61,971 | 62,148 | 62,349 | 62,545 | 62,738 | 62,913 | 63,093 |
| Ending Stocks | 26,280 | 25,234 | 25,078 | 25,062 | 25,073 | 25,186 | 25,333 | 25,500 | 25,669 | 25,827 | 25,991 |
| Domestic Use | 141,462 | 138,567 | 139,343 | 140,465 | 141,192 | 141,993 | 142,920 | 143,832 | 144,762 | 145,701 | 146,665 |
| Net Trade | 8,270 | 10,297 | 9,784 | 9,374 | 9,056 | 9,265 | 9,429 | 9,523 | 9,597 | 9,637 | 9,665 |

## Indian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 26,300 | 26,585 | 26,489 | 26,522 | 26,365 | 26,446 | 26,495 | 26,524 | 26,516 | 26,499 | 26,486 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.74 | 2.78 | 2.82 | 2.87 | 2.91 | 2.95 | 2.99 | 3.04 | 3.08 | 3.12 | 3.16 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 72,000 | 73,912 | 74,773 | 75,995 | 76,668 | 78,030 | 79,304 | 80,519 | 81,625 | 82,699 | 83,785 |
| Beginning Stocks | 4,100 | 3,600 | 3,679 | 3,721 | 3,850 | 3,868 | 3,929 | 4,037 | 4,189 | 4,336 | 4,475 |
| Domestic Supply | 76,100 | 77,512 | 78,452 | 79,716 | 80,518 | 81,898 | 83,233 | 84,556 | 85,814 | 87,035 | 88,260 |
| Feed Use | 500 | 524 | 537 | 556 | 570 | 584 | 599 | 615 | 632 | 652 | 673 |
| Food and Other | 72,500 | 72,980 | 73,546 | 74,408 | 75,180 | 76,127 | 77,126 | 78,292 | 79,431 | 80,485 | 81,462 |
| Ending Stocks | 3,600 | 3,679 | 3,721 | 3,850 | 3,868 | 3,929 | 4,037 | 4,189 | 4,336 | 4,475 | 4,610 |
| Domestic Use | 76,600 | 77,183 | 77,805 | 78,813 | 79,618 | 80,640 | 81,762 | 83,096 | 84,399 | 85,612 | 86,745 |
| Net Trade | -500 | 329 | 647 | 903 | 901 | 1,259 | 1,471 | 1,460 | 1,415 | 1,422 | 1,515 |

## Iranian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 6,800 | 6,767 | 6,722 | 6,713 | 6,712 | 6,722 | 6,730 | 6,746 | 6,771 | 6,797 | 6,824 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.13 | 2.13 | 2.15 | 2.16 | 2.18 | 2.20 | 2.21 | 2.21 | 2.23 | 2.24 | 2.25 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 14,500 | 14,441 | 14,425 | 14,531 | 14,626 | 14,762 | 14,858 | 14,938 | 15,073 | 15,212 | 15,351 |
| Beginning Stocks | 3,267 | 3,817 | 4,077 | 4,192 | 4,277 | 4,317 | 4,365 | 4,384 | 4,370 | 4,352 | 4,334 |
| Domestic Supply | 17,767 | 18,258 | 18,502 | 18,723 | 18,903 | 19,079 | 19,223 | 19,323 | 19,443 | 19,563 | 19,685 |
| Feed Use | 300 | 313 | 320 | 326 | 329 | 332 | 333 | 332 | 331 | 330 | 329 |
| Food and Other | 13,800 | 13,813 | 13,921 | 14,038 | 14,173 | 14,320 | 14,442 | 14,550 | 14,659 | 14,763 | 14,861 |
| Ending Stocks | 3,817 | 4,077 | 4,192 | 4,277 | 4,317 | 4,365 | 4,384 | 4,370 | 4,352 | 4,334 | 4,320 |
| Domestic Use | 17,917 | 18,203 | 18,433 | 18,640 | 18,819 | 19,017 | 19,159 | 19,253 | 19,342 | 19,426 | 19,510 |
| Net Trade | -150 | 55 | 69 | 82 | 84 | 63 | 64 | 70 | 101 | 137 | 175 |

## Japanese Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 215 | 218 | 218 | 218 | 214 | 211 | 210 | 209 | 208 | 208 | 208 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.01 | 4.01 | 4.01 | 4.01 | 4.01 | 4.01 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 860 | 871 | 873 | 858 | 849 | 845 | 841 | 838 | 836 | 834 | 833 |
| Beginning Stocks | 1,890 | 2,020 | 2,132 | 2,288 | 2,440 | 2,566 | 2,677 | 2,775 | 2,861 | 2,938 | 3,005 |
| Domestic Supply | 2,750 | 2,891 | 3,006 | 3,146 | 3,289 | 3,410 | 3,518 | 3,613 | 3,697 | 3,772 | 3,838 |
| Feed Use | 320 | 321 | 317 | 318 | 319 | 321 | 322 | 322 | 322 | 322 | 323 |
| Food and Other | 5,660 | 5,682 | 5,723 | 5,771 | 5,787 | 5,802 | 5,809 | 5,812 | 5,813 | 5,809 | 5,804 |
| Ending Stocks | 2,020 | 2,132 | 2,288 | 2,440 | 2,566 | 2,677 | 2,775 | 2,861 | 2,938 | 3,005 | 3,065 |
| Domestic Use | 8,000 | 8,135 | 8,328 | 8,528 | 8,671 | 8,800 | 8,906 | 8,995 | 9,072 | 9,136 | 9,193 |
| Net Trade | -5,250 | -5,244 | -5,322 | -5,382 | -5,383 | -5,390 | -5,388 | -5,382 | -5,375 | -5,364 | -5,355 |

## Mexican Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 650 | 655 | 645 | 646 | 646 | 646 | 646 | 646 | 647 | 646 | 647 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.62 | 4.65 | 4.69 | 4.73 | 4.77 | 4.80 | 4.84 | 4.88 | 4.92 | 4.95 | 4.99 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,000 | 3,047 | 3,024 | 3,054 | 3,077 | 3,106 | 3,129 | 3,154 | 3,180 | 3,203 | 3,228 |
| Beginning Stocks | 276 | 276 | 284 | 289 | 293 | 296 | 299 | 303 | 306 | 310 | 314 |
| Domestic Supply | 3,276 | 3,323 | 3,308 | 3,343 | 3,370 | 3,402 | 3,428 | 3,456 | 3,485 | 3,513 | 3,543 |
| Feed Use | 100 | 104 | 106 | 108 | 111 | 115 | 119 | 123 | 127 | 131 | 136 |
| Food and Other | 6,000 | 6,203 | 6,324 | 6,440 | 6,546 | 6,661 | 6,778 | 6,896 | 7,021 | 7,149 | 7,281 |
| Ending Stocks | 276 | 284 | 289 | 293 | 296 | 299 | 303 | 306 | 310 | 314 | 320 |
| Domestic Use | 6,376 | 6,592 | 6,719 | 6,842 | 6,953 | 7,076 | 7,200 | 7,325 | 7,458 | 7,595 | 7,736 |
| Net Trade | -3,100 | -3,269 | -3,411 | -3,499 | -3,583 | -3,674 | -3,771 | -3,868 | -3,972 | -4,082 | -4,194 |

## Moroccan Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,966 | 2,989 | 3,162 | 3,156 | 3,180 | 3,211 | 3,230 | 3,236 | 3,244 | 3,251 | 3,259 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.03 | 1.55 | 1.57 | 1.59 | 1.60 | 1.62 | 1.64 | 1.65 | 1.67 | 1.69 | 1.71 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,043 | 4,641 | 4,963 | 5,008 | 5,100 | 5,205 | 5,290 | 5,354 | 5,423 | 5,490 | 5,559 |
| Beginning Stocks | 3,043 | 1,786 | 1,807 | 1,831 | 1,792 | 1,740 | 1,713 | 1,715 | 1,711 | 1,709 | 1,707 |
| Domestic Supply | 6,086 | 6,427 | 6,770 | 6,839 | 6,892 | 6,944 | 7,004 | 7,069 | 7,134 | 7,199 | 7,265 |
| Feed Use | 200 | 201 | 202 | 201 | 199 | 197 | 197 | 196 | 196 | 196 | 196 |
| Food and Other | 6,900 | 7,038 | 7,180 | 7,256 | 7,315 | 7,402 | 7,519 | 7,631 | 7,745 | 7,858 | 7,974 |
| Ending Stocks | 1,786 | 1,807 | 1,831 | 1,792 | 1,740 | 1,713 | 1,715 | 1,711 | 1,709 | 1,707 | 1,707 |
| Domestic Use | 8,886 | 9,046 | 9,213 | 9,249 | 9,254 | 9,313 | 9,431 | 9,538 | 9,651 | 9,761 | 9,877 |
| Net Trade | -2,800 | -2,619 | -2,443 | -2,410 | -2,362 | -2,368 | -2,427 | -2,469 | -2,517 | -2,561 | -2,612 |

## Other African/Middle Eastern Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 15,986 | 16,053 | 16,063 | 16,125 | 16,181 | 16,306 | 16,419 | 16,532 | 16,645 | 16,754 | 16,865 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.02 | 2.05 | 2.09 | 2.12 | 2.15 | 2.18 | 2.21 | 2.26 | 2.29 | 2.32 | 2.35 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 32,338 | 32,983 | 33,514 | 34,156 | 34,789 | 35,575 | 36,343 | 37,284 | 38,068 | 38,849 | 39,640 |
| Beginning Stocks | 9,442 | 9,277 | 9,453 | 9,519 | 9,596 | 9,633 | 9,691 | 9,748 | 9,811 | 9,822 | 9,829 |
| Domestic Supply | 41,780 | 42,260 | 42,968 | 43,675 | 44,384 | 45,207 | 46,034 | 47,032 | 47,879 | 48,671 | 49,470 |
| Feed Use | 3,035 | 3,062 | 3,070 | 3,078 | 3,081 | 3,086 | 3,090 | 3,093 | 3,097 | 3,101 | 3,104 |
| Food and Other | 50,203 | 51,692 | 52,807 | 53,992 | 55,074 | 56,219 | 57,354 | 58,509 | 59,670 | 60,830 | 62,006 |
| Ending Stocks | 9,277 | 9,453 | 9,519 | 9,596 | 9,633 | 9,691 | 9,748 | 9,811 | 9,822 | 9,829 | 9,837 |
| Domestic Use | 62,515 | 64,207 | 65,395 | 66,666 | 67,788 | 68,996 | 70,191 | 71,414 | 72,589 | 73,760 | 74,948 |
| Net Trade | -20,735 | -21,947 | -22,428 | -22,990 | -23,404 | -23,789 | -24,157 | -24,382 | -24,710 | -25,089 | -25,478 |

## Other Asian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 3,960 | 4,000 | 4,062 | 4,089 | 4,087 | 4,081 | 4,082 | 4,080 | 4,075 | 4,075 | 4,076 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.72 | 1.73 | 1.74 | 1.75 | 1.75 | 1.76 | 1.77 | 1.78 | 1.79 | 1.80 | 1.81 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,805 | 6,909 | 7,053 | 7,135 | 7,169 | 7,195 | 7,233 | 7,265 | 7,292 | 7,328 | 7,367 |
| Beginning Stocks | 2,517 | 2,377 | 2,406 | 2,402 | 2,408 | 2,404 | 2,410 | 2,418 | 2,431 | 2,444 | 2,458 |
| Domestic Supply | 9,322 | 9,286 | 9,458 | 9,538 | 9,577 | 9,599 | 9,643 | 9,682 | 9,723 | 9,772 | 9,825 |
| Feed Use | 1,055 | 1,049 | 1,050 | 1,057 | 1,058 | 1,062 | 1,064 | 1,067 | 1,072 | 1,076 | 1,081 |
| Food and Other | 21,030 | 21,177 | 21,462 | 21,780 | 22,134 | 22,502 | 22,829 | 23,141 | 23,463 | 23,779 | 24,078 |
| Ending Stocks | 2,377 | 2,406 | 2,402 | 2,408 | 2,404 | 2,410 | 2,418 | 2,431 | 2,444 | 2,458 | 2,472 |
| Domestic Use | 24,462 | 24,632 | 24,915 | 25,245 | 25,595 | 25,974 | 26,311 | 26,639 | 26,979 | 27,312 | 27,632 |
| Net Trade | -15,140 | -15,346 | -15,457 | -15,707 | -16,018 | -16,375 | -16,668 | -16,957 | -17,256 | -17,540 | -17,807 |

## Other CIS Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 16,410 | 16,651 | 16,702 | 16,817 | 16,929 | 17,050 | 17,218 | 17,364 | 17,509 | 17,655 | 17,801 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.55 | 1.53 | 1.55 | 1.57 | 1.59 | 1.61 | 1.63 | 1.66 | 1.68 | 1.70 | 1.72 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 25,355 | 25,488 | 25,913 | 26,442 | 26,969 | 27,516 | 28,145 | 28,744 | 29,349 | 29,959 | 30,577 |
| Beginning Stocks | 7,695 | 8,260 | 8,581 | 8,747 | 8,854 | 8,921 | 8,977 | 9,024 | 9,070 | 9,114 | 9,154 |
| Domestic Supply | 33,050 | 33,748 | 34,494 | 35,189 | 35,823 | 36,437 | 37,121 | 37,769 | 38,419 | 39,073 | 39,731 |
| Feed Use | 5,005 | 5,020 | 5,061 | 5,149 | 5,224 | 5,314 | 5,396 | 5,486 | 5,572 | 5,663 | 5,752 |
| Food and Other | 18,940 | 19,061 | 19,109 | 19,177 | 19,248 | 19,326 | 19,399 | 19,478 | 19,563 | 19,651 | 19,735 |
| Ending Stocks | 8,260 | 8,581 | 8,747 | 8,854 | 8,921 | 8,977 | 9,024 | 9,070 | 9,114 | 9,154 | 9,193 |
| Domestic Use | 32,205 | 32,661 | 32,916 | 33,180 | 33,393 | 33,617 | 33,820 | 34,034 | 34,249 | 34,468 | 34,680 |
| Net Trade | 845 | 1,087 | 1,577 | 2,009 | 2,430 | 2,820 | 3,302 | 3,735 | 4,170 | 4,605 | 5,051 |

Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.

## Other Eastern European Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 3,560 | 3,568 | 3,539 | 3,534 | 3,531 | 3,530 | 3,529 | 3,528 | 3,527 | 3,525 | 3,524 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.94 | 2.86 | 2.88 | 2.90 | 2.92 | 2.94 | 2.96 | 2.98 | 3.00 | 3.02 | 3.04 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 10,480 | 10,211 | 10,200 | 10,257 | 10,317 | 10,387 | 10,453 | 10,521 | 10,588 | 10,654 | 10,721 |
| Beginning Stocks | 2,888 | 2,888 | 2,905 | 2,908 | 2,913 | 2,914 | 2,917 | 2,919 | 2,923 | 2,926 | 2,929 |
| Domestic Supply | 13,368 | 13,099 | 13,105 | 13,166 | 13,230 | 13,300 | 13,370 | 13,440 | 13,511 | 13,580 | 13,650 |
| Feed Use | 2,640 | 2,675 | 2,737 | 2,776 | 2,796 | 2,808 | 2,820 | 2,831 | 2,855 | 2,867 | 2,882 |
| Food and Other | 7,815 | 7,910 | 7,941 | 7,983 | 8,019 | 8,061 | 8,102 | 8,140 | 8,177 | 8,213 | 8,250 |
| Ending Stocks | 2,888 | 2,905 | 2,908 | 2,913 | 2,914 | 2,917 | 2,919 | 2,923 | 2,926 | 2,929 | 2,933 |
| Domestic Use | 13,343 | 13,490 | 13,586 | 13,671 | 13,729 | 13,785 | 13,841 | 13,894 | 13,958 | 14,008 | 14,064 |
| Net Trade | 25 | -391 | -481 | -506 | -499 | -485 | -471 | -454 | -447 | -428 | -414 |

Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.

## Other Latin American Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,125 | 1,126 | 1,118 | 1,114 | 1,108 | 1,104 | 1,104 | 1,104 | 1,104 | 1,104 | 1,105 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.60 | 2.77 | 2.79 | 2.82 | 2.84 | 2.87 | 2.89 | 2.92 | 2.94 | 2.96 | 2.99 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,920 | 3,118 | 3,124 | 3,139 | 3,149 | 3,165 | 3,191 | 3,219 | 3,246 | 3,274 | 3,302 |
| Beginning Stocks | 1,260 | 1,192 | 1,188 | 1,192 | 1,200 | 1,206 | 1,213 | 1,219 | 1,226 | 1,233 | 1,239 |
| Domestic Supply | 4,180 | 4,310 | 4,312 | 4,331 | 4,349 | 4,371 | 4,404 | 4,438 | 4,472 | 4,507 | 4,541 |
| Feed Use | 465 | 472 | 476 | 479 | 481 | 483 | 486 | 489 | 491 | 494 | 496 |
| Food and Other | 11,423 | 11,718 | 11,952 | 12,178 | 12,348 | 12,514 | 12,664 | 12,809 | 12,955 | 13,094 | 13,233 |
| Ending Stocks | 1,192 | 1,188 | 1,192 | 1,200 | 1,206 | 1,213 | 1,219 | 1,226 | 1,233 | 1,239 | 1,245 |
| Domestic Use | 13,080 | 13,378 | 13,620 | 13,857 | 14,035 | 14,210 | 14,369 | 14,524 | 14,679 | 14,827 | 14,974 |
| Net Trade | -8,900 | -9,069 | -9,308 | -9,525 | -9,686 | -9,839 | -9,965 | -10,085 | -10,207 | -10,321 | -10,433 |

## Pakistani Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 8,300 | 8,294 | 8,248 | 8,263 | 8,261 | 8,277 | 8,295 | 8,315 | 8,329 | 8,338 | 8,348 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.53 | 2.48 | 2.52 | 2.55 | 2.59 | 2.63 | 2.66 | 2.70 | 2.74 | 2.78 | 2.81 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 21,000 | 20,562 | 20,752 | 21,097 | 21,397 | 21,746 | 22,098 | 22,459 | 22,806 | 23,139 | 23,477 |
| Beginning Stocks | 2,450 | 3,900 | 3,982 | 3,972 | 3,967 | 3,961 | 3,974 | 3,994 | 4,028 | 4,060 | 4,091 |
| Domestic Supply | 23,450 | 24,462 | 24,734 | 25,069 | 25,364 | 25,706 | 26,072 | 26,453 | 26,834 | 27,200 | 27,568 |
| Feed Use | 400 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 423 | 425 | 427 |
| Food and Other | 19,900 | 20,439 | 20,838 | 21,239 | 21,637 | 22,059 | 22,491 | 22,941 | 23,393 | 23,840 | 24,287 |
| Ending Stocks | 3,900 | 3,982 | 3,972 | 3,967 | 3,961 | 3,974 | 3,994 | 4,028 | 4,060 | 4,091 | 4,123 |
| Domestic Use | 24,200 | 24,836 | 25,226 | 25,624 | 26,015 | 26,452 | 26,905 | 27,390 | 27,876 | 28,356 | 28,837 |
| Net Trade | -750 | -374 | -491 | -554 | -651 | -746 | -833 | -937 | -1,043 | -1,156 | -1,268 |

## Russian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 25,500 | 24,802 | 24,536 | 24,455 | 24,393 | 24,374 | 24,339 | 24,322 | 24,309 | 24,291 | 24,277 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.87 | 1.88 | 1.89 | 1.90 | 1.91 | 1.92 | 1.93 | 1.94 | 1.95 | 1.96 | 1.97 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 47,600 | 46,546 | 46,294 | 46,384 | 46,512 | 46,720 | 46,897 | 47,108 | 47,327 | 47,536 | 47,751 |
| Beginning Stocks | 3,791 | 3,991 | 4,179 | 4,271 | 4,336 | 4,377 | 4,432 | 4,484 | 4,537 | 4,589 | 4,643 |
| Domestic Supply | 51,391 | 50,537 | 50,473 | 50,656 | 50,848 | 51,097 | 51,330 | 51,592 | 51,864 | 52,126 | 52,394 |
| Feed Use | 14,900 | 14,709 | 14,495 | 14,003 | 13,864 | 14,027 | 14,276 | 14,473 | 14,633 | 14,769 | 14,961 |
| Food and Other | 23,500 | 23,713 | 23,750 | 23,778 | 23,779 | 23,806 | 23,829 | 23,847 | 23,859 | 23,867 | 23,877 |
| Ending Stocks | 3,991 | 4,179 | 4,271 | 4,336 | 4,377 | 4,432 | 4,484 | 4,537 | 4,589 | 4,643 | 4,700 |
| Domestic Use | 42,391 | 42,601 | 42,516 | 42,117 | 42,020 | 42,265 | 42,588 | 42,857 | 43,081 | 43,279 | 43,538 |
| Net Trade | 9,000 | 7,936 | 7,957 | 8,538 | 8,828 | 8,832 | 8,742 | 8,735 | 8,783 | 8,847 | 8,856 |

## South Korean Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.50 | 3.38 | 3.38 | 3.38 | 3.39 | 3.39 | 3.39 | 3.40 | 3.40 | 3.40 | 3.40 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Beginning Stocks | 936 | 918 | 920 | 919 | 917 | 916 | 916 | 918 | 920 | 923 | 926 |
| Domestic Supply | 943 | 925 | 926 | 925 | 924 | 923 | 923 | 924 | 927 | 930 | 933 |
| Feed Use | 1,400 | 1,524 | 1,607 | 1,669 | 1,711 | 1,745 | 1,789 | 1,832 | 1,869 | 1,893 | 1,907 |
| Food and Other | 2,400 | 2,419 | 2,436 | 2,451 | 2,464 | 2,476 | 2,487 | 2,496 | 2,505 | 2,512 | 2,518 |
| Ending Stocks | 918 | 920 | 919 | 917 | 916 | 916 | 918 | 920 | 923 | 926 | 929 |
| Domestic Use | 4,718 | 4,863 | 4,961 | 5,037 | 5,091 | 5,138 | 5,193 | 5,248 | 5,297 | 5,330 | 5,353 |
| Net Trade | -3,775 | -3,938 | -4,035 | -4,111 | -4,167 | -4,216 | -4,270 | -4,324 | -4,370 | -4,401 | -4,420 |

## Taiwanese Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 289 | 269 | 271 | 278 | 282 | 283 | 286 | 290 | 295 | 299 | 304 |
| Domestic Supply | 289 | 269 | 271 | 278 | 282 | 283 | 286 | 290 | 295 | 299 | 304 |
| Feed Use | 100 | 101 | 102 | 103 | 104 | 106 | 108 | 109 | 111 | 113 | 115 |
| Food and Other | 1,000 | 1,005 | 1,017 | 1,027 | 1,036 | 1,046 | 1,057 | 1,068 | 1,079 | 1,090 | 1,100 |
| Ending Stocks | 269 | 271 | 278 | 282 | 283 | 286 | 290 | 295 | 299 | 304 | 308 |
| Domestic Use | 1,369 | 1,377 | 1,397 | 1,412 | 1,424 | 1,438 | 1,455 | 1,472 | 1,490 | 1,506 | 1,523 |
| Net Trade | -1,080 | -1,108 | -1,126 | -1,134 | -1,142 | -1,155 | -1,169 | -1,182 | -1,195 | -1,207 | -1,219 |

## Tunisian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 830 | 903 | 899 | 897 | 896 | 900 | 902 | 902 | 899 | 897 | 896 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.75 | 1.75 | 1.76 | 1.77 | 1.77 | 1.78 | 1.79 | 1.80 | 1.80 | 1.81 | 1.82 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,450 | 1,583 | 1,583 | 1,587 | 1,591 | 1,604 | 1,614 | 1,619 | 1,621 | 1,624 | 1,627 |
| Beginning Stocks | 829 | 779 | 786 | 790 | 793 | 788 | 786 | 788 | 793 | 797 | 801 |
| Domestic Supply | 2,279 | 2,362 | 2,369 | 2,377 | 2,384 | 2,392 | 2,400 | 2,407 | 2,414 | 2,421 | 2,428 |
| Feed Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Food and Other | 2,600 | 2,664 | 2,704 | 2,744 | 2,763 | 2,788 | 2,818 | 2,852 | 2,888 | 2,920 | 2,953 |
| Ending Stocks | 779 | 786 | 790 | 793 | 788 | 786 | 788 | 793 | 797 | 801 | 804 |
| Domestic Use | 3,379 | 3,450 | 3,494 | 3,536 | 3,551 | 3,574 | 3,606 | 3,645 | 3,685 | 3,721 | 3,757 |
| Net Trade | -1,100 | -1,088 | -1,125 | -1,160 | -1,167 | -1,182 | -1,207 | -1,238 | -1,271 | -1,300 | -1,329 |

## Ukrainian Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 6,650 | 6,718 | 6,517 | 6,491 | 6,477 | 6,473 | 6,471 | 6,474 | 6,477 | 6,480 | 6,482 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.86 | 2.88 | 2.90 | 2.91 | 2.93 | 2.95 | 2.97 | 2.99 | 3.01 | 3.03 | 3.05 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 19,000 | 19,323 | 18,867 | 18,916 | 18,999 | 19,112 | 19,230 | 19,360 | 19,495 | 19,625 | 19,757 |
| Beginning Stocks | 2,625 | 2,875 | 3,080 | 3,232 | 3,336 | 3,412 | 3,481 | 3,542 | 3,593 | 3,640 | 3,682 |
| Domestic Supply | 21,625 | 22,198 | 21,948 | 22,147 | 22,335 | 22,524 | 22,711 | 22,902 | 23,088 | 23,265 | 23,439 |
| Feed Use | 3,300 | 3,086 | 3,039 | 3,072 | 3,073 | 3,085 | 3,099 | 3,121 | 3,152 | 3,190 | 3,226 |
| Food and Other | 10,000 | 10,339 | 10,442 | 10,516 | 10,561 | 10,593 | 10,616 | 10,636 | 10,637 | 10,637 | 10,639 |
| Ending Stocks | 2,875 | 3,080 | 3,232 | 3,336 | 3,412 | 3,481 | 3,542 | 3,593 | 3,640 | 3,682 | 3,722 |
| Domestic Use | 16,175 | 16,506 | 16,712 | 16,923 | 17,046 | 17,159 | 17,257 | 17,350 | 17,428 | 17,510 | 17,586 |
| Net Trade | 5,450 | 5,692 | 5,236 | 5,224 | 5,289 | 5,365 | 5,455 | 5,552 | 5,659 | 5,755 | 5,853 |

## Rest-of-World Wheat Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 796 | 845 | 844 | 844 | 854 | 853 | 853 | 853 | 853 | 853 | 853 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.95 | 3.97 | 3.99 | 4.00 | 4.02 | 4.04 | 4.06 | 4.08 | 4.09 | 4.11 | 4.13 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,144 | 3,353 | 3,363 | 3,378 | 3,432 | 3,447 | 3,462 | 3,477 | 3,492 | 3,506 | 3,521 |
| Beginning Stocks | 1,298 | 1,038 | 1,059 | 1,060 | 1,064 | 1,064 | 1,067 | 1,070 | 1,075 | 1,081 | 1,086 |
| Domestic Supply | 4,442 | 4,391 | 4,421 | 4,438 | 4,497 | 4,511 | 4,529 | 4,547 | 4,567 | 4,587 | 4,607 |
| Feed Use | 720 | 735 | 735 | 737 | 738 | 739 | 740 | 741 | 742 | 744 | 745 |
| Food and Other | 4,309 | 4,479 | 4,533 | 4,600 | 4,650 | 4,707 | 4,758 | 4,807 | 4,860 | 4,913 | 4,968 |
| Ending Stocks | 1,038 | 1,059 | 1,060 | 1,064 | 1,064 | 1,067 | 1,070 | 1,075 | 1,081 | 1,086 | 1,092 |
| Domestic Use | 6,067 | 6,272 | 6,328 | 6,401 | 6,451 | 6,513 | 6,568 | 6,624 | 6,683 | 6,742 | 6,805 |
| Net Trade | -1,625 | -1,881 | -1,907 | -1,963 | -1,955 | -2,002 | -2,039 | -2,076 | -2,116 | -2,155 | -2,198 |

## Per Capita Wheat Consumption of Selected Countries

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Kilograms) | | | | | |
| Algeria | 232 | 238 | 239 | 240 | 241 | 242 | 243 | 243 | 244 | 245 | 246 |
| Argentina | 129 | 128 | 127 | 126 | 127 | 127 | 128 | 128 | 129 | 129 | 130 |
| Australia | 134 | 134 | 134 | 133 | 133 | 133 | 133 | 133 | 133 | 132 | 132 |
| Brazil | 54 | 55 | 55 | 55 | 55 | 55 | 55 | 56 | 56 | 56 | 56 |
| Canada | 128 | 130 | 130 | 130 | 131 | 131 | 132 | 133 | 133 | 134 | 135 |
| China | 75 | 74 | 74 | 73 | 73 | 72 | 72 | 71 | 71 | 70 | 70 |
| Egypt | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 | 185 |
| EU New Member States | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 153 | 154 |
| European Union-15 | 132 | 132 | 132 | 132 | 132 | 132 | 133 | 133 | 133 | 133 | 134 |
| India | 67 | 67 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 |
| Iran | 203 | 201 | 200 | 200 | 199 | 199 | 199 | 198 | 197 | 196 | 195 |
| Japan | 44 | 45 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 46 | 46 |
| Mexico | 56 | 58 | 58 | 59 | 59 | 59 | 60 | 60 | 60 | 61 | 61 |
| Morocco | 211 | 212 | 213 | 212 | 210 | 210 | 210 | 210 | 210 | 210 | 211 |
| Other Africa/Middle East | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| Other Asia | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Other CIS † | 211 | 211 | 209 | 208 | 206 | 205 | 203 | 202 | 201 | 199 | 198 |
| Other Eastern Europe ‡ | 142 | 143 | 144 | 145 | 146 | 147 | 147 | 148 | 149 | 150 | 151 |
| Other Latin America | 51 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 | 52 |
| Pakistan | 123 | 123 | 123 | 123 | 123 | 123 | 123 | 123 | 123 | 123 | 124 |
| Russia | 164 | 166 | 167 | 168 | 168 | 169 | 170 | 171 | 172 | 172 | 173 |
| South Korea | 49 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Taiwan | 44 | 44 | 44 | 44 | 44 | 44 | 45 | 45 | 45 | 45 | 46 |
| Tunisia | 258 | 262 | 263 | 264 | 264 | 263 | 264 | 264 | 265 | 266 | 266 |
| Ukraine | 213 | 221 | 225 | 228 | 230 | 232 | 234 | 236 | 237 | 238 | 239 |
| United States | 91 | 91 | 90 | 90 | 89 | 88 | 88 | 87 | 87 | 86 | 86 |

† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.

‡ Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.

# World Rice

# World Rice

The average price of international long-grain rice strengthens in 2005/06, as world ending stocks tightened to 66.1 mmt, down 9.5% from the previous year. Likewise, U.S. rice prices recover in 2005/06, as production and carry-over stocks decline, slightly widening the price premium over the Thai long-grain rice price.

Global rice harvested area in 2005/06 increases 1.5%, to 151.7 mha, as India, Myanmar, Thailand, and Australia recover from declines a year earlier, and as China expands area by 2.2%. Nearly 76% of the net gain in area comes from India and China. World rice production is estimated to be 406.9 mmt, only 1.2% above the previous year, as world average yield declines 0.3% because of lower yields in a number of producing countries, like India, Uruguay, the U.S., South Korea, and Taiwan. Nearly 93% of the net increase in output comes from China, Thailand, Myanmar, and Indonesia.

While world population grows by 1.2%, global rice consumption declines by 0.3%, to 413.8 mmt in 2005/06, as per capita rice use declines by nearly 1%. The weakened per capita use is a result of the combined effects of westernization of diets, urbanization, and diet diversification toward more protein-based foods, especially in rice economies with growing incomes, like India, China, Indonesia, Japan, and Taiwan. The bulk of the decline in consumption is accounted for by India and China.

Total world rice trade in 2005/06 is 29.0 mmt, up 5.0% from the previous year's level. The increases in exports from the U.S., Australia, and Pakistan offset substantial declines in shipments from India, Vietnam, and Thailand. Total world rice trade relative to total global rice consumption remains low at 7.0%. Net world rice trade in 2005/06 is 23.7 mmt, down 3.7% from the previous year's level.

An expansion in rice production is projected in 2006/07. World rice area is projected to increase 0.9%; average world rice yield is expected to improve by 1.5% as yields in India, Uruguay, the U.S., the EU, South Korea, and Taiwan recover from the previous year's declines, resulting in a production increase of 9.5 mmt, or 2.3% above the 2005/06 level. With average world population growth of 1.2% and a slight increase of 0.5% in per capita consumption, total global rice consumption in 2006/07 is projected at 416.7 mmt, a 0.7% increase over the previous year. Total rice trade is expected to expand by 5.5% above the 2005/06 level. With increased available supply relative to demand, international rice prices are expected to weaken in 2006/07.

Over the next decade, global rice area is projected to increase slightly, reaching 153 mha in 2015. With average yield growing at just under 1.0%, total production continues to grow at 1.0% annually. Total rice consumption continues to increase by 0.8% annually, with growth driven mainly by population growth, as average per capita use declines by 0.3% per year. Contraction of rice area is projected to occur in China, India, Pakistan, Japan, South Korea, and Bangladesh, which will be offset by expansion in Brazil, Myanmar, Nigeria, and the ROW. Nearly 66% of the projected net growth in total rice production over the next 10 years comes from China, India, Bangladesh, Thailand, and Vietnam. Sixty-one percent of the projected net gain in world rice consumption over the same period is accounted for by India, Indonesia, Bangladesh, China, Vietnam, Philippines, Nigeria, and Egypt. Driven by consumption and trade, international rice prices continue to move higher, growing at 1.3% annually. The Thai 100% B price is projected to reach $334 per mt by 2015.

Thailand, Vietnam, and India are projected to account for virtually all (50%, 29%, and 21%, respectively) of the net growth in world rice exports over the next 10 years. With increasing available rice supplies, net exports of these three countries are projected to grow annually at 3.9%, 3.6%, and 3.4%, respectively. Over the same period, projected major net importers include Indonesia, Iran, Bangladesh, Nigeria, Mexico, Malaysia, Saudi Arabia, Turkey, and Ivory Coast, which combined account for 60% of the projected net growth in import volume.

## Rice Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 350 | 399 | 408 | 424 | 408 | 410 | 424 | 443 | 465 | 487 | 510 |
| Australia | 344 | 400 | 472 | 483 | 500 | 514 | 537 | 538 | 544 | 548 | 555 |
| China | 99 | 144 | 179 | 164 | 201 | 224 | 231 | 247 | 251 | 264 | 276 |
| Egypt | 970 | 915 | 834 | 802 | 812 | 817 | 819 | 830 | 840 | 858 | 856 |
| India | 3,499 | 4,587 | 4,754 | 5,144 | 5,220 | 5,143 | 5,089 | 5,065 | 5,012 | 4,939 | 4,868 |
| Myanmar (Burma) | 151 | 214 | 229 | 242 | 259 | 279 | 300 | 321 | 342 | 363 | 386 |
| Pakistan | 2,828 | 2,276 | 2,388 | 2,374 | 2,412 | 2,319 | 2,332 | 2,324 | 2,309 | 2,293 | 2,269 |
| Thailand | 7,008 | 8,456 | 8,489 | 8,971 | 9,167 | 9,366 | 9,540 | 9,720 | 9,905 | 10,083 | 10,249 |
| United States | 3,429 | 2,811 | 2,959 | 2,961 | 2,958 | 2,999 | 2,991 | 2,969 | 2,934 | 2,946 | 3,092 |
| Uruguay | 624 | 797 | 761 | 766 | 769 | 779 | 794 | 809 | 831 | 854 | 875 |
| Vietnam | 4,403 | 4,012 | 4,263 | 4,441 | 4,708 | 4,991 | 5,262 | 5,526 | 5,786 | 6,037 | 6,284 |
| Total Net Exports * | 23,706 | 25,011 | 25,737 | 26,772 | 27,415 | 27,842 | 28,319 | 28,792 | 29,219 | 29,671 | 30,221 |
| **Net Importers** | | | | | | | | | | | |
| Bangladesh | 651 | 1,131 | 1,107 | 1,035 | 1,139 | 1,131 | 1,118 | 1,130 | 1,176 | 1,257 | 1,374 |
| Brazil | 568 | 809 | 879 | 861 | 784 | 675 | 572 | 465 | 356 | 264 | 184 |
| Canada | 251 | 267 | 272 | 277 | 279 | 283 | 287 | 291 | 295 | 299 | 303 |
| European Union | 800 | 820 | 927 | 968 | 923 | 894 | 886 | 894 | 878 | 872 | 870 |
| China - Hong Kong | 315 | 299 | 299 | 299 | 296 | 294 | 293 | 292 | 290 | 289 | 288 |
| Indonesia | 787 | 747 | 1,000 | 1,229 | 1,443 | 1,585 | 1,699 | 1,769 | 1,808 | 1,790 | 1,798 |
| Iran | 950 | 1,112 | 1,229 | 1,344 | 1,371 | 1,423 | 1,466 | 1,471 | 1,479 | 1,492 | 1,514 |
| Iraq | 1,201 | 1,278 | 1,057 | 1,114 | 1,159 | 1,197 | 1,233 | 1,269 | 1,304 | 1,340 | 1,375 |
| Ivory Coast | 754 | 788 | 819 | 870 | 887 | 903 | 921 | 943 | 967 | 996 | 1,026 |
| Japan | 500 | 482 | 482 | 482 | 482 | 482 | 482 | 482 | 482 | 482 | 482 |
| Malaysia | 687 | 684 | 675 | 750 | 774 | 781 | 813 | 848 | 883 | 923 | 966 |
| Mexico | 600 | 706 | 643 | 672 | 692 | 715 | 741 | 764 | 788 | 810 | 834 |
| Nigeria | 1,706 | 1,523 | 1,617 | 1,725 | 1,777 | 1,824 | 1,879 | 1,936 | 1,976 | 2,026 | 2,078 |
| Philippines | 1,897 | 1,304 | 1,195 | 1,317 | 1,356 | 1,381 | 1,457 | 1,610 | 1,735 | 1,868 | 2,006 |
| Saudi Arabia | 1,190 | 1,115 | 1,193 | 1,225 | 1,251 | 1,277 | 1,303 | 1,329 | 1,354 | 1,380 | 1,406 |
| South Africa | 790 | 753 | 774 | 786 | 793 | 803 | 818 | 829 | 842 | 856 | 871 |
| South Korea | 275 | -29 | 266 | 287 | 307 | 327 | 348 | 368 | 388 | 409 | 409 |
| Taiwan | 25 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 | 127 |
| Turkey | 204 | 299 | 246 | 243 | 307 | 375 | 394 | 381 | 379 | 403 | 441 |
| Rest of World | 9,553 | 10,797 | 10,930 | 11,162 | 11,268 | 11,364 | 11,481 | 11,595 | 11,710 | 11,790 | 11,870 |
| Total Net Imports | 23,706 | 25,011 | 25,737 | 26,772 | 27,415 | 27,842 | 28,319 | 28,792 | 29,219 | 29,671 | 30,221 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Thai 100% Grade B | 293 | 251 | 253 | 248 | 263 | 276 | 286 | 299 | 312 | 324 | 334 |
| Thai 5% Broken | 280 | 239 | 241 | 243 | 257 | 270 | 280 | 292 | 305 | 317 | 326 |
| U.S. FOB Gulf Ports | 359 | 314 | 330 | 308 | 315 | 319 | 319 | 321 | 325 | 327 | 325 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Thousand Hectares) | | | | | |
| Area Harvested | 151,730 | 153,036 | 152,989 | 152,991 | 152,801 | 152,753 | 152,785 | 152,913 | 152,732 | 152,803 | 153,079 |
| | | | | | | (Metric Tons per Hectare) | | | | | |
| Yield | 2.68 | 2.72 | 2.75 | 2.78 | 2.81 | 2.84 | 2.86 | 2.88 | 2.90 | 2.92 | 2.95 |
| | | | | | | (Thousand Metric Tons) | | | | | |
| Production | 406,880 | 416,332 | 420,273 | 425,797 | 429,135 | 433,470 | 436,544 | 440,359 | 442,857 | 446,707 | 451,710 |
| Beginning Stocks | 73,070 | 66,110 | 65,695 | 65,999 | 67,189 | 69,051 | 71,554 | 73,239 | 74,932 | 75,395 | 76,685 |
| Domestic Supply | 479,950 | 482,442 | 485,968 | 491,795 | 496,324 | 502,521 | 508,098 | 513,599 | 517,789 | 522,102 | 528,395 |
| Consumption | 413,840 | 416,747 | 419,969 | 424,606 | 427,273 | 430,967 | 434,859 | 438,667 | 442,393 | 445,417 | 449,711 |
| Ending Stocks | 66,110 | 65,695 | 65,999 | 67,189 | 69,051 | 71,554 | 73,239 | 74,932 | 75,395 | 76,685 | 78,684 |
| Domestic Use | 479,950 | 482,442 | 485,968 | 491,795 | 496,324 | 502,521 | 508,098 | 513,599 | 517,789 | 522,102 | 528,395 |
| Trade | 29,018 | 27,591 | 29,578 | 29,965 | 31,099 | 31,761 | 32,213 | 32,756 | 33,267 | 33,762 | 34,264 |
| | | | | | | (Percent) | | | | | |
| Stocks-to-Use Ratio | 15.97 | 15.76 | 15.72 | 15.82 | 16.16 | 16.60 | 16.84 | 17.08 | 17.04 | 17.22 | 17.50 |

## U.S. Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Thousand Hectares) | | | | | |
| Area Harvested | 1,361 | 1,270 | 1,312 | 1,319 | 1,302 | 1,298 | 1,295 | 1,288 | 1,280 | 1,279 | 1,303 |
| | | | | | | (Metric Tons per Hectares) | | | | | |
| Yield | 5.21 | 5.41 | 5.45 | 5.50 | 5.54 | 5.59 | 5.64 | 5.69 | 5.73 | 5.78 | 5.83 |
| | | | | | | (Thousand Metric Tons) | | | | | |
| Production | 7,088 | 6,865 | 7,148 | 7,251 | 7,219 | 7,258 | 7,302 | 7,324 | 7,336 | 7,393 | 7,592 |
| Beginning Stocks | 1,209 | 825 | 757 | 781 | 842 | 840 | 799 | 768 | 742 | 721 | 705 |
| Domestic Supply | 8,297 | 7,690 | 7,905 | 8,032 | 8,061 | 8,098 | 8,100 | 8,092 | 8,077 | 8,114 | 8,297 |
| Consumption | 4,026 | 4,122 | 4,165 | 4,229 | 4,264 | 4,300 | 4,342 | 4,381 | 4,422 | 4,462 | 4,506 |
| Ending Stocks | 825 | 757 | 781 | 842 | 840 | 799 | 768 | 742 | 721 | 705 | 699 |
| Domestic Use | 4,851 | 4,879 | 4,946 | 5,071 | 5,104 | 5,099 | 5,109 | 5,123 | 5,143 | 5,167 | 5,205 |
| Net Trade | 3,429 | 2,811 | 2,959 | 2,961 | 2,958 | 2,999 | 2,991 | 2,969 | 2,934 | 2,946 | 3,092 |

## Argentine Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 160 | 160 | 159 | 159 | 160 | 162 | 164 | 167 | 170 | 173 | 176 |
| | | | | | (Metric Tons per Hectares) | | | | | | |
| Yield | 4.13 | 4.09 | 4.15 | 4.23 | 4.27 | 4.35 | 4.42 | 4.50 | 4.57 | 4.65 | 4.73 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 660 | 654 | 659 | 671 | 683 | 704 | 726 | 751 | 776 | 803 | 830 |
| Beginning Stocks | 617 | 632 | 584 | 527 | 461 | 419 | 390 | 365 | 341 | 317 | 292 |
| Domestic Supply | 1,277 | 1,285 | 1,242 | 1,198 | 1,144 | 1,123 | 1,116 | 1,116 | 1,118 | 1,120 | 1,122 |
| Consumption | 295 | 302 | 307 | 313 | 318 | 323 | 327 | 332 | 336 | 340 | 345 |
| Ending Stocks | 632 | 584 | 527 | 461 | 419 | 390 | 365 | 341 | 317 | 292 | 268 |
| Domestic Use | 927 | 886 | 834 | 774 | 737 | 712 | 692 | 673 | 653 | 633 | 612 |
| Net Trade | 350 | 399 | 408 | 424 | 408 | 410 | 424 | 443 | 465 | 487 | 510 |

## Australian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 115 | 143 | 153 | 157 | 157 | 157 | 156 | 156 | 155 | 154 | 154 |
| | | | | | (Metric Tons per Hectares) | | | | | | |
| Yield | 6.22 | 6.16 | 6.15 | 6.16 | 6.19 | 6.23 | 6.26 | 6.29 | 6.33 | 6.36 | 6.40 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 715 | 879 | 942 | 968 | 974 | 977 | 979 | 981 | 982 | 983 | 985 |
| Beginning Stocks | 396 | 388 | 483 | 556 | 629 | 682 | 714 | 715 | 707 | 683 | 647 |
| Domestic Supply | 1,111 | 1,267 | 1,424 | 1,524 | 1,603 | 1,659 | 1,693 | 1,696 | 1,689 | 1,666 | 1,632 |
| Consumption | 379 | 385 | 396 | 412 | 422 | 431 | 441 | 451 | 461 | 471 | 481 |
| Ending Stocks | 388 | 483 | 556 | 629 | 682 | 714 | 715 | 707 | 683 | 647 | 596 |
| Domestic Use | 767 | 867 | 952 | 1,041 | 1,103 | 1,144 | 1,156 | 1,157 | 1,144 | 1,118 | 1,077 |
| Net Trade | 344 | 400 | 472 | 483 | 500 | 514 | 537 | 538 | 544 | 548 | 555 |

## Bangladeshi Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 11,100 | 10,973 | 11,053 | 11,057 | 11,031 | 11,037 | 11,043 | 11,039 | 11,024 | 10,998 | 10,961 |
| | | | | | (Metric Tons per Hectares) | | | | | | |
| Yield | 2.41 | 2.44 | 2.48 | 2.52 | 2.55 | 2.60 | 2.64 | 2.68 | 2.72 | 2.75 | 2.79 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 26,700 | 26,745 | 27,371 | 27,822 | 28,179 | 28,644 | 29,110 | 29,545 | 29,939 | 30,292 | 30,602 |
| Beginning Stocks | 469 | 569 | 584 | 681 | 692 | 703 | 714 | 725 | 736 | 747 | 757 |
| Domestic Supply | 27,169 | 27,314 | 27,954 | 28,503 | 28,871 | 29,348 | 29,825 | 30,270 | 30,675 | 31,039 | 31,359 |
| Consumption | 27,251 | 27,861 | 28,380 | 28,846 | 29,307 | 29,765 | 30,218 | 30,665 | 31,105 | 31,539 | 31,965 |
| Ending Stocks | 569 | 584 | 681 | 692 | 703 | 714 | 725 | 736 | 747 | 757 | 767 |
| Domestic Use | 27,820 | 28,444 | 29,061 | 29,538 | 30,010 | 30,479 | 30,943 | 31,401 | 31,852 | 32,296 | 32,732 |
| Net Trade | -651 | -1,131 | -1,107 | -1,035 | -1,139 | -1,131 | -1,118 | -1,130 | -1,176 | -1,257 | -1,374 |

## Brazilian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 3,400 | 3,521 | 3,527 | 3,526 | 3,523 | 3,528 | 3,534 | 3,539 | 3,542 | 3,540 | 3,535 |
| | | | | | (Metric Tons per Hectares) | | | | | | |
| Yield | 2.29 | 2.33 | 2.37 | 2.40 | 2.44 | 2.48 | 2.52 | 2.56 | 2.59 | 2.63 | 2.67 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,800 | 8,197 | 8,344 | 8,476 | 8,603 | 8,751 | 8,902 | 9,047 | 9,192 | 9,321 | 9,443 |
| Beginning Stocks | 1,567 | 732 | 548 | 498 | 482 | 481 | 483 | 485 | 487 | 489 | 491 |
| Domestic Supply | 9,367 | 8,929 | 8,892 | 8,974 | 9,085 | 9,232 | 9,385 | 9,532 | 9,679 | 9,811 | 9,934 |
| Consumption | 9,203 | 9,190 | 9,273 | 9,352 | 9,388 | 9,424 | 9,472 | 9,510 | 9,545 | 9,584 | 9,626 |
| Ending Stocks | 732 | 548 | 498 | 482 | 481 | 483 | 485 | 487 | 489 | 491 | 492 |
| Domestic Use | 9,935 | 9,738 | 9,771 | 9,834 | 9,869 | 9,907 | 9,957 | 9,997 | 10,035 | 10,075 | 10,118 |
| Net Trade | -568 | -809 | -879 | -861 | -784 | -675 | -572 | -465 | -356 | -264 | -184 |

## Canadian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 251 | 267 | 272 | 277 | 279 | 283 | 287 | 291 | 295 | 299 | 303 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 251 | 267 | 272 | 277 | 279 | 283 | 287 | 291 | 295 | 299 | 303 |
| Net Trade | -251 | -267 | -272 | -277 | -279 | -283 | -287 | -291 | -295 | -299 | -303 |

## Chinese Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 29,000 | 29,376 | 29,563 | 29,463 | 29,124 | 28,835 | 28,583 | 28,533 | 28,193 | 28,117 | 28,268 |
| | | | | | (Metric Tons per Hectares) | | | | | | |
| Yield | 4.39 | 4.47 | 4.52 | 4.62 | 4.68 | 4.75 | 4.77 | 4.80 | 4.82 | 4.85 | 4.88 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 127,400 | 131,287 | 133,662 | 135,983 | 136,166 | 137,001 | 136,442 | 136,846 | 135,955 | 136,401 | 138,016 |
| Beginning Stocks | 35,091 | 27,192 | 23,562 | 23,426 | 25,185 | 27,171 | 29,603 | 31,143 | 32,676 | 33,005 | 34,182 |
| Domestic Supply | 162,491 | 158,479 | 157,224 | 159,409 | 161,351 | 164,172 | 166,045 | 167,989 | 168,631 | 169,406 | 172,198 |
| Consumption | 135,200 | 134,773 | 133,619 | 134,060 | 133,979 | 134,345 | 134,670 | 135,066 | 135,375 | 134,961 | 135,716 |
| Ending Stocks | 27,192 | 23,562 | 23,426 | 25,185 | 27,171 | 29,603 | 31,143 | 32,676 | 33,005 | 34,182 | 36,205 |
| Domestic Use | 162,392 | 158,336 | 157,045 | 159,245 | 161,150 | 163,948 | 165,814 | 167,742 | 168,380 | 169,142 | 171,922 |
| Net Trade | 99 | 144 | 179 | 164 | 201 | 224 | 231 | 247 | 251 | 264 | 276 |

## Egyptian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 640 | 663 | 668 | 671 | 672 | 673 | 676 | 678 | 679 | 682 | 681 |
| | | | | | (Metric Tons per Hectares) | | | | | | |
| Yield | 6.56 | 6.57 | 6.65 | 6.73 | 6.81 | 6.89 | 6.97 | 7.05 | 7.13 | 7.21 | 7.29 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,200 | 4,352 | 4,444 | 4,515 | 4,572 | 4,635 | 4,707 | 4,777 | 4,839 | 4,914 | 4,964 |
| Beginning Stocks | 529 | 459 | 300 | 266 | 286 | 304 | 319 | 347 | 385 | 424 | 452 |
| Domestic Supply | 4,729 | 4,811 | 4,743 | 4,781 | 4,858 | 4,939 | 5,025 | 5,124 | 5,224 | 5,338 | 5,416 |
| Consumption | 3,300 | 3,596 | 3,643 | 3,693 | 3,742 | 3,803 | 3,860 | 3,909 | 3,960 | 4,028 | 4,095 |
| Ending Stocks | 459 | 300 | 266 | 286 | 304 | 319 | 347 | 385 | 424 | 452 | 464 |
| Domestic Use | 3,759 | 3,895 | 3,909 | 3,979 | 4,046 | 4,122 | 4,206 | 4,294 | 4,384 | 4,480 | 4,559 |
| Net Trade | 970 | 915 | 834 | 802 | 812 | 817 | 819 | 830 | 840 | 858 | 856 |

## European Union Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 413 | 411 | 409 | 395 | 391 | 389 | 387 | 386 | 383 | 382 | 380 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.35 | 4.32 | 4.34 | 4.33 | 4.35 | 4.37 | 4.39 | 4.41 | 4.43 | 4.45 | 4.47 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,798 | 1,774 | 1,771 | 1,711 | 1,699 | 1,698 | 1,699 | 1,701 | 1,698 | 1,699 | 1,698 |
| Beginning Stocks | 1,134 | 1,182 | 1,256 | 1,375 | 1,352 | 1,291 | 1,228 | 1,170 | 1,126 | 1,075 | 1,029 |
| Domestic Supply | 2,932 | 2,956 | 3,028 | 3,086 | 3,050 | 2,989 | 2,927 | 2,870 | 2,824 | 2,774 | 2,727 |
| Consumption | 2,550 | 2,519 | 2,580 | 2,702 | 2,683 | 2,655 | 2,644 | 2,639 | 2,627 | 2,616 | 2,609 |
| Ending Stocks | 1,182 | 1,256 | 1,375 | 1,352 | 1,291 | 1,228 | 1,170 | 1,126 | 1,075 | 1,029 | 989 |
| Domestic Use | 3,732 | 3,776 | 3,954 | 4,053 | 3,974 | 3,883 | 3,813 | 3,764 | 3,701 | 3,646 | 3,598 |
| Net Trade | -800 | -820 | -927 | -968 | -923 | -894 | -886 | -894 | -878 | -872 | -870 |

## China - Hong Kong Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 315 | 299 | 299 | 299 | 296 | 294 | 293 | 292 | 290 | 289 | 288 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 315 | 299 | 299 | 299 | 296 | 294 | 293 | 292 | 290 | 289 | 288 |
| Net Trade | -315 | -299 | -299 | -299 | -296 | -294 | -293 | -292 | -290 | -289 | -288 |

## Indian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 43,400 | 43,340 | 43,323 | 43,354 | 43,355 | 43,316 | 43,267 | 43,201 | 43,117 | 43,030 | 42,932 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.96 | 2.03 | 2.04 | 2.06 | 2.08 | 2.10 | 2.12 | 2.14 | 2.16 | 2.18 | 2.20 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 85,000 | 87,773 | 88,259 | 89,421 | 90,289 | 91,074 | 91,837 | 92,561 | 93,243 | 93,914 | 94,559 |
| Beginning Stocks | 8,500 | 9,003 | 9,788 | 9,894 | 10,007 | 10,010 | 10,073 | 10,141 | 10,204 | 10,261 | 10,318 |
| Domestic Supply | 93,500 | 96,776 | 98,048 | 99,314 | 100,296 | 101,084 | 101,910 | 102,702 | 103,447 | 104,175 | 104,877 |
| Consumption | 80,998 | 82,401 | 83,399 | 84,163 | 85,066 | 85,868 | 86,681 | 87,433 | 88,174 | 88,919 | 89,636 |
| Ending Stocks | 9,003 | 9,788 | 9,894 | 10,007 | 10,010 | 10,073 | 10,141 | 10,204 | 10,261 | 10,318 | 10,373 |
| Domestic Use | 90,001 | 92,189 | 93,293 | 94,170 | 95,076 | 95,941 | 96,822 | 97,637 | 98,435 | 99,237 | 100,009 |
| Net Trade | 3,499 | 4,587 | 4,754 | 5,144 | 5,220 | 5,143 | 5,089 | 5,065 | 5,012 | 4,939 | 4,868 |

## Indonesian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 11,700 | 11,751 | 11,769 | 11,728 | 11,683 | 11,679 | 11,693 | 11,704 | 11,719 | 11,736 | 11,750 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.98 | 2.98 | 3.00 | 3.02 | 3.04 | 3.06 | 3.08 | 3.09 | 3.11 | 3.13 | 3.15 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 34,900 | 35,060 | 35,282 | 35,447 | 35,519 | 35,721 | 35,973 | 36,217 | 36,475 | 36,741 | 36,998 |
| Beginning Stocks | 2,918 | 3,018 | 3,126 | 3,397 | 3,439 | 3,443 | 3,459 | 3,491 | 3,535 | 3,585 | 3,638 |
| Domestic Supply | 37,818 | 38,078 | 38,408 | 38,843 | 38,958 | 39,164 | 39,432 | 39,709 | 40,010 | 40,326 | 40,635 |
| Consumption | 35,587 | 35,698 | 36,012 | 36,634 | 36,958 | 37,290 | 37,639 | 37,943 | 38,233 | 38,478 | 38,741 |
| Ending Stocks | 3,018 | 3,126 | 3,397 | 3,439 | 3,443 | 3,459 | 3,491 | 3,535 | 3,585 | 3,638 | 3,692 |
| Domestic Use | 38,605 | 38,824 | 39,408 | 40,073 | 40,401 | 40,749 | 41,130 | 41,478 | 41,818 | 42,116 | 42,433 |
| Net Trade | -787 | -747 | -1,000 | -1,229 | -1,443 | -1,585 | -1,699 | -1,769 | -1,808 | -1,790 | -1,798 |

## Iranian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 630 | 626 | 629 | 630 | 629 | 629 | 629 | 630 | 631 | 633 | 636 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.49 | 3.42 | 3.45 | 3.47 | 3.50 | 3.52 | 3.55 | 3.57 | 3.60 | 3.62 | 3.65 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,200 | 2,143 | 2,170 | 2,188 | 2,201 | 2,217 | 2,233 | 2,251 | 2,272 | 2,296 | 2,321 |
| Beginning Stocks | 864 | 864 | 878 | 905 | 938 | 961 | 983 | 1,003 | 1,018 | 1,030 | 1,041 |
| Domestic Supply | 3,064 | 3,008 | 3,049 | 3,093 | 3,138 | 3,178 | 3,216 | 3,254 | 3,290 | 3,326 | 3,362 |
| Consumption | 3,150 | 3,241 | 3,373 | 3,500 | 3,549 | 3,618 | 3,679 | 3,707 | 3,739 | 3,776 | 3,822 |
| Ending Stocks | 864 | 878 | 905 | 938 | 961 | 983 | 1,003 | 1,018 | 1,030 | 1,041 | 1,054 |
| Domestic Use | 4,014 | 4,120 | 4,278 | 4,437 | 4,510 | 4,601 | 4,682 | 4,725 | 4,769 | 4,817 | 4,876 |
| Net Trade | -950 | -1,112 | -1,229 | -1,344 | -1,371 | -1,423 | -1,466 | -1,471 | -1,479 | -1,492 | -1,514 |

## Iraqi Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 50 | 65 | 70 | 71 | 72 | 73 | 73 | 74 | 74 | 74 | 75 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.34 | 1.36 | 1.37 | 1.38 | 1.39 | 1.41 | 1.42 | 1.44 | 1.45 | 1.46 | 1.48 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 67 | 88 | 95 | 99 | 100 | 102 | 104 | 106 | 108 | 109 | 110 |
| Beginning Stocks | 0 | 200 | 434 | 408 | 401 | 403 | 409 | 416 | 424 | 433 | 442 |
| Domestic Supply | 67 | 288 | 529 | 507 | 502 | 506 | 513 | 522 | 532 | 542 | 552 |
| Consumption | 1,068 | 1,132 | 1,177 | 1,220 | 1,257 | 1,293 | 1,330 | 1,366 | 1,403 | 1,440 | 1,476 |
| Ending Stocks | 200 | 434 | 408 | 401 | 403 | 409 | 416 | 424 | 433 | 442 | 451 |
| Domestic Use | 1,268 | 1,566 | 1,586 | 1,621 | 1,660 | 1,702 | 1,746 | 1,791 | 1,836 | 1,882 | 1,927 |
| Net Trade | -1,201 | -1,278 | -1,057 | -1,114 | -1,159 | -1,197 | -1,233 | -1,269 | -1,304 | -1,340 | -1,375 |

## Ivory Coast Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 500 | 608 | 589 | 578 | 567 | 570 | 576 | 580 | 583 | 586 | 587 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.94 | 0.89 | 0.90 | 0.90 | 0.91 | 0.91 | 0.92 | 0.92 | 0.93 | 0.93 | 0.94 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 468 | 542 | 528 | 521 | 514 | 520 | 528 | 534 | 540 | 546 | 550 |
| Beginning Stocks | 195 | 133 | 160 | 168 | 176 | 180 | 184 | 189 | 194 | 200 | 207 |
| Domestic Supply | 663 | 675 | 689 | 689 | 691 | 700 | 711 | 723 | 735 | 746 | 756 |
| Consumption | 1,284 | 1,302 | 1,340 | 1,382 | 1,398 | 1,419 | 1,444 | 1,472 | 1,502 | 1,535 | 1,569 |
| Ending Stocks | 133 | 160 | 168 | 176 | 180 | 184 | 189 | 194 | 200 | 207 | 214 |
| Domestic Use | 1,417 | 1,463 | 1,508 | 1,559 | 1,578 | 1,602 | 1,632 | 1,666 | 1,702 | 1,742 | 1,782 |
| Net Trade | -754 | -788 | -819 | -870 | -887 | -903 | -921 | -943 | -967 | -996 | -1,026 |

## Japanese Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,680 | 1,672 | 1,652 | 1,626 | 1,603 | 1,581 | 1,558 | 1,535 | 1,511 | 1,487 | 1,463 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.76 | 4.76 | 4.78 | 4.78 | 4.79 | 4.79 | 4.79 | 4.79 | 4.80 | 4.80 | 4.80 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 8,000 | 7,956 | 7,902 | 7,775 | 7,672 | 7,573 | 7,465 | 7,360 | 7,244 | 7,136 | 7,023 |
| Beginning Stocks | 1,919 | 2,150 | 2,403 | 2,574 | 2,710 | 2,812 | 2,890 | 2,935 | 2,952 | 2,927 | 2,874 |
| Domestic Supply | 9,919 | 10,105 | 10,305 | 10,349 | 10,382 | 10,385 | 10,356 | 10,295 | 10,196 | 10,063 | 9,897 |
| Consumption | 8,269 | 8,185 | 8,213 | 8,121 | 8,052 | 7,977 | 7,903 | 7,825 | 7,751 | 7,671 | 7,593 |
| Ending Stocks | 2,150 | 2,403 | 2,574 | 2,710 | 2,812 | 2,890 | 2,935 | 2,952 | 2,927 | 2,874 | 2,785 |
| Domestic Use | 10,419 | 10,587 | 10,787 | 10,831 | 10,864 | 10,867 | 10,838 | 10,777 | 10,678 | 10,545 | 10,379 |
| Net Trade | -500 | -482 | -482 | -482 | -482 | -482 | -482 | -482 | -482 | -482 | -482 |

## Malaysian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 677 | 673 | 675 | 681 | 685 | 686 | 686 | 687 | 689 | 691 | 693 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.14 | 2.16 | 2.18 | 2.20 | 2.22 | 2.25 | 2.27 | 2.29 | 2.31 | 2.33 | 2.35 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,450 | 1,455 | 1,473 | 1,501 | 1,523 | 1,541 | 1,555 | 1,571 | 1,589 | 1,608 | 1,627 |
| Beginning Stocks | 380 | 481 | 500 | 457 | 449 | 461 | 464 | 470 | 477 | 484 | 493 |
| Domestic Supply | 1,830 | 1,935 | 1,973 | 1,959 | 1,972 | 2,002 | 2,019 | 2,041 | 2,066 | 2,092 | 2,120 |
| Consumption | 2,036 | 2,119 | 2,191 | 2,260 | 2,285 | 2,319 | 2,363 | 2,412 | 2,465 | 2,523 | 2,584 |
| Ending Stocks | 481 | 500 | 457 | 449 | 461 | 464 | 470 | 477 | 484 | 493 | 502 |
| Domestic Use | 2,517 | 2,620 | 2,649 | 2,709 | 2,746 | 2,783 | 2,833 | 2,889 | 2,949 | 3,016 | 3,086 |
| Net Trade | -687 | -684 | -675 | -750 | -774 | -781 | -813 | -848 | -883 | -923 | -966 |

## Mexican Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 66 | 69 | 69 | 69 | 68 | 68 | 67 | 67 | 67 | 67 | 67 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.03 | 3.11 | 3.13 | 3.12 | 3.13 | 3.14 | 3.15 | 3.16 | 3.20 | 3.25 | 3.29 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 200 | 215 | 217 | 215 | 213 | 212 | 211 | 211 | 214 | 217 | 219 |
| Beginning Stocks | 129 | 104 | 186 | 189 | 193 | 194 | 194 | 195 | 195 | 198 | 201 |
| Domestic Supply | 329 | 319 | 404 | 404 | 406 | 406 | 405 | 406 | 409 | 414 | 420 |
| Consumption | 825 | 839 | 858 | 882 | 904 | 927 | 951 | 975 | 999 | 1,024 | 1,050 |
| Ending Stocks | 104 | 186 | 189 | 193 | 194 | 194 | 195 | 195 | 198 | 201 | 205 |
| Domestic Use | 929 | 1,025 | 1,047 | 1,075 | 1,098 | 1,121 | 1,146 | 1,170 | 1,197 | 1,225 | 1,254 |
| Net Trade | -600 | -706 | -643 | -672 | -692 | -715 | -741 | -764 | -788 | -810 | -834 |

## Myanmarian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 6,270 | 6,288 | 6,329 | 6,359 | 6,383 | 6,403 | 6,421 | 6,437 | 6,453 | 6,468 | 6,482 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.67 | 1.72 | 1.73 | 1.74 | 1.75 | 1.76 | 1.77 | 1.78 | 1.79 | 1.80 | 1.81 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 10,440 | 10,799 | 10,935 | 11,053 | 11,161 | 11,263 | 11,362 | 11,458 | 11,553 | 11,647 | 11,742 |
| Beginning Stocks | 724 | 614 | 663 | 699 | 725 | 758 | 797 | 837 | 875 | 911 | 946 |
| Domestic Supply | 11,164 | 11,414 | 11,598 | 11,752 | 11,886 | 12,022 | 12,159 | 12,295 | 12,428 | 12,559 | 12,688 |
| Consumption | 10,399 | 10,537 | 10,670 | 10,785 | 10,868 | 10,945 | 11,022 | 11,099 | 11,175 | 11,250 | 11,319 |
| Ending Stocks | 614 | 663 | 699 | 725 | 758 | 797 | 837 | 875 | 911 | 946 | 983 |
| Domestic Use | 11,013 | 11,200 | 11,369 | 11,510 | 11,626 | 11,742 | 11,859 | 11,974 | 12,086 | 12,196 | 12,302 |
| Net Trade | 151 | 214 | 229 | 242 | 259 | 279 | 300 | 321 | 342 | 363 | 386 |

## Nigerian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,000 | 2,065 | 2,077 | 2,096 | 2,117 | 2,143 | 2,170 | 2,197 | 2,224 | 2,252 | 2,279 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.35 | 1.38 | 1.41 | 1.45 | 1.48 | 1.52 | 1.55 | 1.58 | 1.62 | 1.65 | 1.69 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,700 | 2,848 | 2,935 | 3,034 | 3,136 | 3,249 | 3,363 | 3,480 | 3,599 | 3,721 | 3,844 |
| Beginning Stocks | 420 | 470 | 422 | 383 | 357 | 339 | 326 | 318 | 312 | 307 | 304 |
| Domestic Supply | 3,120 | 3,318 | 3,357 | 3,417 | 3,493 | 3,588 | 3,690 | 3,798 | 3,911 | 4,028 | 4,148 |
| Consumption | 4,356 | 4,419 | 4,591 | 4,785 | 4,931 | 5,085 | 5,251 | 5,422 | 5,580 | 5,750 | 5,925 |
| Ending Stocks | 470 | 422 | 383 | 357 | 339 | 326 | 318 | 312 | 307 | 304 | 302 |
| Domestic Use | 4,826 | 4,841 | 4,974 | 5,142 | 5,270 | 5,412 | 5,569 | 5,734 | 5,887 | 6,054 | 6,227 |
| Net Trade | -1,706 | -1,523 | -1,617 | -1,725 | -1,777 | -1,824 | -1,879 | -1,936 | -1,976 | -2,026 | -2,078 |

## Pakistani Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,500 | 2,506 | 2,487 | 2,482 | 2,481 | 2,430 | 2,432 | 2,419 | 2,402 | 2,388 | 2,372 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.16 | 2.11 | 2.13 | 2.15 | 2.18 | 2.20 | 2.22 | 2.25 | 2.27 | 2.29 | 2.32 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 5,400 | 5,284 | 5,302 | 5,348 | 5,403 | 5,348 | 5,409 | 5,435 | 5,455 | 5,478 | 5,496 |
| Beginning Stocks | 158 | 68 | 230 | 236 | 242 | 230 | 221 | 220 | 216 | 212 | 211 |
| Domestic Supply | 5,558 | 5,351 | 5,533 | 5,584 | 5,645 | 5,579 | 5,630 | 5,655 | 5,671 | 5,690 | 5,707 |
| Consumption | 2,663 | 2,845 | 2,909 | 2,969 | 3,002 | 3,038 | 3,079 | 3,115 | 3,150 | 3,187 | 3,226 |
| Ending Stocks | 68 | 230 | 236 | 242 | 230 | 221 | 220 | 216 | 212 | 211 | 212 |
| Domestic Use | 2,730 | 3,075 | 3,145 | 3,211 | 3,233 | 3,259 | 3,298 | 3,331 | 3,362 | 3,397 | 3,438 |
| Net Trade | 2,828 | 2,276 | 2,388 | 2,374 | 2,412 | 2,319 | 2,332 | 2,324 | 2,309 | 2,293 | 2,269 |

## Philippine Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,115 | 4,119 | 4,153 | 4,143 | 4,127 | 4,141 | 4,149 | 4,150 | 4,147 | 4,141 | 4,132 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.31 | 2.31 | 2.30 | 2.29 | 2.32 | 2.33 | 2.35 | 2.37 | 2.39 | 2.41 | 2.43 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 9,500 | 9,524 | 9,569 | 9,503 | 9,583 | 9,665 | 9,745 | 9,822 | 9,895 | 9,967 | 10,036 |
| Beginning Stocks | 4,592 | 5,392 | 5,465 | 5,396 | 5,089 | 4,807 | 4,511 | 4,213 | 3,970 | 3,738 | 3,511 |
| Domestic Supply | 14,092 | 14,917 | 15,035 | 14,899 | 14,672 | 14,473 | 14,256 | 14,035 | 13,865 | 13,706 | 13,547 |
| Consumption | 10,597 | 10,756 | 10,834 | 11,126 | 11,221 | 11,343 | 11,499 | 11,675 | 11,862 | 12,062 | 12,268 |
| Ending Stocks | 5,392 | 5,465 | 5,396 | 5,089 | 4,807 | 4,511 | 4,213 | 3,970 | 3,738 | 3,511 | 3,285 |
| Domestic Use | 15,989 | 16,221 | 16,229 | 16,215 | 16,028 | 15,854 | 15,713 | 15,645 | 15,600 | 15,573 | 15,553 |
| Net Trade | -1,897 | -1,304 | -1,195 | -1,317 | -1,356 | -1,381 | -1,457 | -1,610 | -1,735 | -1,868 | -2,006 |

## Saudi Arabian Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 515 | 555 | 509 | 510 | 513 | 516 | 519 | 521 | 524 | 526 | 528 |
| Domestic Supply | 515 | 555 | 509 | 510 | 513 | 516 | 519 | 521 | 524 | 526 | 528 |
| Consumption | 1,150 | 1,161 | 1,192 | 1,222 | 1,248 | 1,274 | 1,301 | 1,326 | 1,352 | 1,378 | 1,403 |
| Ending Stocks | 555 | 509 | 510 | 513 | 516 | 519 | 521 | 524 | 526 | 528 | 531 |
| Domestic Use | 1,705 | 1,670 | 1,702 | 1,735 | 1,764 | 1,793 | 1,822 | 1,850 | 1,878 | 1,906 | 1,934 |
| Net Trade | -1,190 | -1,115 | -1,193 | -1,225 | -1,251 | -1,277 | -1,303 | -1,329 | -1,354 | -1,380 | -1,406 |

## South African Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 249 | 239 | 231 | 233 | 236 | 237 | 239 | 242 | 244 | 247 | 250 |
| Domestic Supply | 249 | 239 | 231 | 233 | 236 | 237 | 239 | 242 | 244 | 247 | 250 |
| Consumption | 800 | 761 | 772 | 784 | 791 | 801 | 815 | 827 | 840 | 853 | 868 |
| Ending Stocks | 239 | 231 | 233 | 236 | 237 | 239 | 242 | 244 | 247 | 250 | 253 |
| Domestic Use | 1,039 | 992 | 1,005 | 1,020 | 1,028 | 1,040 | 1,057 | 1,071 | 1,087 | 1,103 | 1,121 |
| Net Trade | -790 | -753 | -774 | -786 | -793 | -803 | -818 | -829 | -842 | -856 | -871 |

## South Korean Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 980 | 954 | 926 | 910 | 897 | 888 | 880 | 872 | 866 | 859 | 853 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.87 | 4.86 | 4.85 | 4.87 | 4.88 | 4.90 | 4.91 | 4.93 | 4.95 | 4.97 | 4.99 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,768 | 4,636 | 4,490 | 4,430 | 4,380 | 4,346 | 4,322 | 4,300 | 4,283 | 4,266 | 4,255 |
| Beginning Stocks | 973 | 1,312 | 1,263 | 1,369 | 1,393 | 1,401 | 1,417 | 1,442 | 1,487 | 1,549 | 1,642 |
| Domestic Supply | 5,741 | 5,948 | 5,753 | 5,799 | 5,773 | 5,748 | 5,738 | 5,742 | 5,770 | 5,815 | 5,897 |
| Consumption | 4,704 | 4,656 | 4,650 | 4,692 | 4,679 | 4,658 | 4,644 | 4,623 | 4,610 | 4,582 | 4,560 |
| Ending Stocks | 1,312 | 1,263 | 1,369 | 1,393 | 1,401 | 1,417 | 1,442 | 1,487 | 1,549 | 1,642 | 1,746 |
| Domestic Use | 6,016 | 5,919 | 6,019 | 6,085 | 6,080 | 6,075 | 6,086 | 6,110 | 6,159 | 6,224 | 6,305 |
| Net Trade | -275 | 29 | -266 | -287 | -307 | -327 | -348 | -368 | -388 | -409 | -409 |

## Taiwanese Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 258 | 251 | 248 | 245 | 241 | 238 | 235 | 233 | 231 | 228 | 226 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.97 | 4.13 | 4.17 | 4.18 | 4.20 | 4.21 | 4.23 | 4.25 | 4.27 | 4.30 | 4.32 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,025 | 1,036 | 1,035 | 1,023 | 1,012 | 1,003 | 996 | 989 | 985 | 982 | 979 |
| Beginning Stocks | 249 | 174 | 213 | 248 | 268 | 278 | 282 | 280 | 274 | 265 | 256 |
| Domestic Supply | 1,274 | 1,210 | 1,248 | 1,271 | 1,280 | 1,282 | 1,278 | 1,269 | 1,259 | 1,247 | 1,234 |
| Consumption | 1,125 | 1,124 | 1,128 | 1,131 | 1,129 | 1,127 | 1,125 | 1,123 | 1,121 | 1,119 | 1,117 |
| Ending Stocks | 174 | 213 | 248 | 268 | 278 | 282 | 280 | 274 | 265 | 256 | 245 |
| Domestic Use | 1,299 | 1,337 | 1,376 | 1,399 | 1,408 | 1,409 | 1,405 | 1,397 | 1,386 | 1,374 | 1,362 |
| Net Trade | -25 | -127 | -127 | -127 | -127 | -127 | -127 | -127 | -127 | -127 | -127 |

## Thai Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 10,165 | 10,154 | 10,176 | 10,231 | 10,262 | 10,285 | 10,290 | 10,271 | 10,260 | 10,254 | 10,246 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.76 | 1.76 | 1.77 | 1.80 | 1.82 | 1.83 | 1.85 | 1.87 | 1.89 | 1.91 | 1.93 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 17,900 | 17,841 | 18,035 | 18,391 | 18,638 | 18,870 | 19,071 | 19,227 | 19,396 | 19,575 | 19,750 |
| Beginning Stocks | 2,046 | 3,449 | 3,258 | 3,216 | 3,040 | 2,927 | 2,855 | 2,820 | 2,774 | 2,728 | 2,698 |
| Domestic Supply | 19,946 | 21,290 | 21,293 | 21,606 | 21,678 | 21,797 | 21,926 | 22,046 | 22,170 | 22,303 | 22,448 |
| Consumption | 9,489 | 9,576 | 9,587 | 9,596 | 9,585 | 9,575 | 9,566 | 9,552 | 9,537 | 9,522 | 9,506 |
| Ending Stocks | 3,449 | 3,258 | 3,216 | 3,040 | 2,927 | 2,855 | 2,820 | 2,774 | 2,728 | 2,698 | 2,693 |
| Domestic Use | 12,938 | 12,834 | 12,803 | 12,636 | 12,511 | 12,431 | 12,386 | 12,326 | 12,265 | 12,220 | 12,199 |
| Net Trade | 7,008 | 8,456 | 8,489 | 8,971 | 9,167 | 9,366 | 9,540 | 9,720 | 9,905 | 10,083 | 10,249 |

## Turkish Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 90 | 79 | 75 | 72 | 69 | 67 | 66 | 65 | 65 | 64 | 63 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.07 | 4.05 | 4.03 | 4.07 | 4.11 | 4.15 | 4.19 | 4.22 | 4.26 | 4.30 | 4.34 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 366 | 321 | 302 | 293 | 284 | 280 | 278 | 276 | 275 | 274 | 272 |
| Beginning Stocks | 196 | 193 | 265 | 249 | 199 | 187 | 225 | 266 | 277 | 267 | 263 |
| Domestic Supply | 562 | 514 | 568 | 542 | 483 | 467 | 503 | 542 | 552 | 540 | 536 |
| Consumption | 574 | 548 | 565 | 586 | 602 | 616 | 630 | 647 | 664 | 680 | 700 |
| Ending Stocks | 193 | 265 | 249 | 199 | 187 | 225 | 266 | 277 | 267 | 263 | 276 |
| Domestic Use | 766 | 813 | 814 | 785 | 789 | 841 | 897 | 923 | 931 | 943 | 976 |
| Net Trade | -204 | -299 | -246 | -243 | -307 | -375 | -394 | -381 | -379 | -403 | -441 |

## Uruguayan Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 185 | 187 | 187 | 187 | 186 | 187 | 189 | 191 | 192 | 194 | 195 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.45 | 4.60 | 4.64 | 4.68 | 4.72 | 4.76 | 4.80 | 4.84 | 4.92 | 5.00 | 5.08 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 823 | 860 | 869 | 876 | 880 | 890 | 906 | 922 | 945 | 969 | 992 |
| Beginning Stocks | 94 | 192 | 149 | 149 | 149 | 149 | 149 | 149 | 150 | 150 | 150 |
| Domestic Supply | 917 | 1,052 | 1,018 | 1,025 | 1,029 | 1,039 | 1,055 | 1,072 | 1,095 | 1,119 | 1,142 |
| Consumption | 100 | 106 | 108 | 110 | 111 | 111 | 112 | 113 | 114 | 115 | 116 |
| Ending Stocks | 192 | 149 | 149 | 149 | 149 | 149 | 149 | 150 | 150 | 150 | 150 |
| Domestic Use | 293 | 255 | 257 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 |
| Net Trade | 624 | 797 | 761 | 766 | 769 | 779 | 794 | 809 | 831 | 854 | 875 |

## Vietnamese Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,400 | 7,406 | 7,393 | 7,382 | 7,372 | 7,367 | 7,365 | 7,365 | 7,366 | 7,367 | 7,367 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.04 | 3.07 | 3.12 | 3.17 | 3.22 | 3.28 | 3.33 | 3.38 | 3.43 | 3.49 | 3.54 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 22,500 | 22,710 | 23,059 | 23,413 | 23,767 | 24,138 | 24,520 | 24,907 | 25,296 | 25,685 | 26,074 |
| Beginning Stocks | 3,479 | 2,578 | 2,782 | 2,839 | 2,855 | 2,876 | 2,902 | 2,937 | 2,977 | 3,021 | 3,067 |
| Domestic Supply | 25,979 | 25,288 | 25,841 | 26,252 | 26,623 | 27,014 | 27,422 | 27,844 | 28,273 | 28,706 | 29,141 |
| Consumption | 18,998 | 18,494 | 18,740 | 18,956 | 19,039 | 19,121 | 19,223 | 19,340 | 19,466 | 19,602 | 19,741 |
| Ending Stocks | 2,578 | 2,782 | 2,839 | 2,855 | 2,876 | 2,902 | 2,937 | 2,977 | 3,021 | 3,067 | 3,116 |
| Domestic Use | 21,576 | 21,276 | 21,579 | 21,811 | 21,915 | 22,023 | 22,160 | 22,317 | 22,487 | 22,669 | 22,857 |
| Net Trade | 4,403 | 4,012 | 4,263 | 4,441 | 4,708 | 4,991 | 5,262 | 5,526 | 5,786 | 6,037 | 6,284 |

## Rest-of-World Rice Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 12,875 | 13,707 | 13,317 | 13,399 | 13,644 | 13,922 | 14,198 | 14,449 | 14,710 | 14,961 | 15,203 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.77 | 1.79 | 1.76 | 1.78 | 1.81 | 1.85 | 1.89 | 1.92 | 1.96 | 1.99 | 2.02 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 22,812 | 24,488 | 23,475 | 23,868 | 24,763 | 25,788 | 26,799 | 27,761 | 28,772 | 29,770 | 30,733 |
| Beginning Stocks | 3,458 | 2,942 | 4,694 | 4,372 | 3,880 | 3,990 | 4,205 | 4,436 | 4,654 | 4,895 | 5,091 |
| Domestic Supply | 26,270 | 27,430 | 28,169 | 28,240 | 28,643 | 29,778 | 31,004 | 32,196 | 33,426 | 34,666 | 35,823 |
| Consumption | 32,898 | 33,534 | 34,726 | 35,521 | 35,921 | 36,937 | 38,050 | 39,137 | 40,241 | 41,364 | 42,555 |
| Ending Stocks | 2,942 | 4,694 | 4,372 | 3,880 | 3,990 | 4,205 | 4,436 | 4,654 | 4,895 | 5,091 | 5,139 |
| Domestic Use | 35,840 | 38,228 | 39,099 | 39,401 | 39,910 | 41,142 | 42,485 | 43,791 | 45,136 | 46,455 | 47,693 |
| Net Trade | -9,553 | -10,797 | -10,930 | -11,162 | -11,268 | -11,364 | -11,481 | -11,595 | -11,710 | -11,790 | -11,870 |

## Per Capita Rice Consumption of Selected Countries

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Kilograms) | | | | | | |
| Argentina | 7.5 | 7.6 | 7.6 | 7.7 | 7.7 | 7.8 | 7.8 | 7.9 | 7.9 | 8.0 | 8.0 |
| Australia | 18.8 | 19.0 | 19.4 | 20.0 | 20.3 | 20.6 | 20.9 | 21.2 | 21.6 | 21.9 | 22.2 |
| Bangladesh | 188.8 | 189.1 | 188.6 | 187.9 | 187.1 | 186.3 | 185.5 | 184.8 | 184.0 | 183.3 | 182.6 |
| Brazil | 49.4 | 48.9 | 48.8 | 48.7 | 48.4 | 48.2 | 48.0 | 47.8 | 47.5 | 47.3 | 47.2 |
| Canada | 7.6 | 8.1 | 8.1 | 8.2 | 8.2 | 8.3 | 8.3 | 8.4 | 8.4 | 8.4 | 8.5 |
| China | 95.2 | 94.2 | 92.7 | 92.4 | 91.7 | 91.4 | 91.0 | 90.7 | 90.3 | 89.4 | 89.3 |
| Egypt | 42.6 | 45.6 | 45.4 | 45.2 | 45.1 | 45.1 | 45.0 | 44.9 | 44.8 | 44.9 | 45.0 |
| European Union | 5.6 | 5.5 | 5.6 | 5.9 | 5.8 | 5.8 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 |
| China - Hong Kong | 45.7 | 43.1 | 42.8 | 42.6 | 42.0 | 41.5 | 41.1 | 40.7 | 40.4 | 40.1 | 39.8 |
| India | 75.0 | 75.2 | 75.1 | 74.8 | 74.6 | 74.3 | 74.1 | 73.8 | 73.5 | 73.3 | 73.0 |
| Indonesia | 147.1 | 145.4 | 144.7 | 145.2 | 144.6 | 144.1 | 143.7 | 143.1 | 142.5 | 141.9 | 141.3 |
| Iran | 46.3 | 47.2 | 48.6 | 49.8 | 49.9 | 50.3 | 50.6 | 50.4 | 50.3 | 50.2 | 50.3 |
| Iraq | 40.9 | 42.3 | 42.8 | 43.2 | 43.4 | 43.6 | 43.7 | 43.9 | 44.0 | 44.2 | 44.3 |
| Ivory Coast | 74.2 | 73.8 | 74.4 | 75.2 | 74.6 | 74.3 | 74.2 | 74.3 | 74.5 | 74.8 | 75.1 |
| Japan | 64.9 | 64.2 | 64.4 | 63.7 | 63.2 | 62.7 | 62.2 | 61.7 | 61.3 | 60.8 | 60.4 |
| Malaysia | 85.0 | 86.9 | 88.3 | 89.5 | 88.9 | 88.7 | 88.9 | 89.2 | 89.7 | 90.3 | 90.9 |
| Mexico | 7.8 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 |
| Myanmar (Burma) | 221.3 | 222.4 | 223.4 | 224.1 | 224.1 | 224.1 | 224.1 | 224.2 | 224.2 | 224.4 | 224.4 |
| Nigeria | 33.8 | 33.5 | 34.0 | 34.6 | 34.8 | 35.1 | 35.4 | 35.6 | 35.8 | 36.0 | 36.3 |
| Pakistan | 16.4 | 17.2 | 17.2 | 17.2 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 |
| Philippines | 120.6 | 120.2 | 119.0 | 120.0 | 119.0 | 118.3 | 118.0 | 117.9 | 117.9 | 118.1 | 118.3 |
| Saudi Arabia | 43.5 | 43.0 | 43.2 | 43.4 | 43.5 | 43.6 | 43.8 | 43.9 | 44.1 | 44.3 | 44.5 |
| South Africa | 16.9 | 17.2 | 17.5 | 17.9 | 18.2 | 18.5 | 18.9 | 19.3 | 19.7 | 20.1 | 20.5 |
| South Korea | 96.7 | 95.3 | 94.8 | 95.3 | 94.7 | 94.0 | 93.4 | 92.8 | 92.3 | 91.5 | 90.9 |
| Taiwan | 49.1 | 48.8 | 48.7 | 48.5 | 48.2 | 47.8 | 47.5 | 47.2 | 46.9 | 46.6 | 46.4 |
| Thailand | 147.8 | 148.2 | 147.3 | 146.5 | 145.4 | 144.4 | 143.5 | 142.5 | 141.5 | 140.6 | 139.7 |
| Turkey | 8.2 | 7.8 | 7.9 | 8.2 | 8.3 | 8.4 | 8.5 | 8.7 | 8.8 | 8.9 | 9.1 |
| United States | 13.6 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | 14.0 |
| Uruguay | 29.4 | 31.0 | 31.3 | 31.7 | 31.8 | 31.9 | 32.0 | 32.2 | 32.3 | 32.5 | 32.7 |
| Vietnam | 227.4 | 219.1 | 219.8 | 220.1 | 218.9 | 217.7 | 216.8 | 216.0 | 215.4 | 214.8 | 214.3 |
| Rest of World | 42.1 | 42.5 | 43.6 | 44.2 | 44.2 | 45.0 | 45.9 | 46.8 | 47.7 | 48.5 | 49.5 |
| World | 64.2 | 63.9 | 63.6 | 63.6 | 63.3 | 63.1 | 63.0 | 62.9 | 62.7 | 62.5 | 62.4 |

# World Coarse Grains

# World Coarse Grains

The world coarse grain area is expected to decrease slightly in 2006/07 with reductions in corn and sorghum areas. After that, it increases steadily, reaching 245.7 mha in 2015/16. Although all three crops have area increases, corn area increases the most, especially in the U.S. and in Latin American countries, where it enjoys a higher rate of return with respect to other crops, including soybeans.

In 2005/06, world corn yields return to their average levels, decreasing corn production. However, the high stock levels, reminiscent of the high production in the previous year, increase the world corn supply, decreasing the price to $90.16 per mt. In 2006/07, world corn consumption increases more than production. Thus, the corn price increases by 9%, to $98.41 per mt. The stocks-to-use ratio is 18.7% in 2005/06; it decreases to 12.4% in 2015/16 because of the declines in U.S. and Chinese stock levels.

In 2006/07, world corn area declines slightly. It increases after that, reaching 149.3 mha by 2015/16 because of increasing corn prices. Production reaches 786.4 mmt in 2015/16, aided by growth in area and yields.

Feed use increases by 47.5 mmt over the next decade, reaching 517.1 mmt in 2015/16. Food use reaches 269.4 mmt in 2015/16. Both a per capita consumption increase and population growth contribute to the increase in food demand. The largest demand increase comes from Asian countries, with Latin American countries posting the next largest demand increase because of growth in the region's livestock sector.

In 2006/07, a higher world corn price decreases the world corn net trade to 73.3 mmt. Over the next 10 years, corn trade is projected to grow 1.7% annually on average, reaching 88.8 mmt in 2015/16 because of demand growth.

In 2006/07, Argentine corn area decreases, as returns to corn are lower relative to soybean returns, decreasing production. Corn area increases after that, which, combined with yield growth, raises production to 19.8 mmt in 2015/16. Net exports follow the path of production and reach 13 mmt in 2015/16.

In 2005/06, EU NMS net exports of corn are dramatically higher, at 5.5 mmt, because of the high level of beginning stocks that increased supply and the drought in Iberian countries that increased demand. In 2006/07, net exports are lower, at 3.3 mmt, because of lower demand from the EU-15. With the introduction of the set-aside rate in 2009/10, which limits area, net exports decrease, dropping to 2.7 mmt in 2015/16.

The largest demand increase comes from Asian countries because of growth in the livestock industry and thus in feed demand. Asian net imports increase by 10.9 mmt over the next 10 years while African net imports increase by more than 4 mmt. China is projected to become a net importer in 2011/12. Chinese net imports reach 1.3 mmt in 2015/16. Among Latin American countries, Mexico maintains its role as a major importer, with imports reaching 11.7 mmt in 2015/16. Middle Eastern corn net imports reach 7.1 mmt in 2015/16.

The world sorghum price increases in 2006/07 to $105 per mt, as production decreases more than consumption. Thus, world net trade decreases slightly in 2006/07, to 5.1 mmt. With the increase in the world sorghum price over the next 10 years, world net trade does not reach its former levels. Mexico's sorghum imports decrease until 2010/11 and then increase, following the pattern of livestock numbers and feed use. Mexican net imports of sorghum reach 3.6 mmt in 2015/16.

Lower production in 2005/06 decreases barley supply in world markets, increasing the price to $93.9 per mt. Despite higher production in 2006/07, lower stock levels decrease the world barley supply, increasing its price to $106.4 per mt. Net trade reaches 20.5 mmt in 2015/16, fueled by growth in Asian demand. The EU-15 recovers its barley exports in 2006/07 because of higher production. However, net exports of barley fail to reach former high levels in the next decade.

## Corn Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 11,500 | 10,438 | 11,511 | 11,642 | 11,831 | 12,075 | 12,336 | 12,554 | 12,700 | 12,897 | 13,056 |
| Australia | 20 | 15 | 18 | 19 | 19 | 18 | 15 | 11 | 6 | 0 | -5 |
| Brazil | 1,100 | 1,391 | 1,889 | 2,187 | 2,672 | 3,100 | 3,426 | 3,530 | 3,430 | 3,243 | 3,010 |
| China | 5,800 | 2,934 | 2,010 | 1,502 | 834 | 366 | -361 | -689 | -1,010 | -1,237 | -1,328 |
| EU New Member States | 5,460 | 3,252 | 2,936 | 2,834 | 2,708 | 2,684 | 2,664 | 2,634 | 2,641 | 2,677 | 2,686 |
| South Africa | 800 | 1,240 | 1,247 | 1,253 | 1,362 | 1,350 | 1,331 | 1,268 | 1,192 | 1,085 | 943 |
| Thailand | 200 | 235 | 223 | 226 | 256 | 261 | 265 | 263 | 264 | 258 | 256 |
| Ukraine | 2,300 | 2,770 | 2,987 | 3,075 | 3,173 | 3,190 | 3,171 | 3,135 | 3,091 | 3,040 | 2,996 |
| United States | 46,738 | 49,325 | 49,206 | 49,918 | 50,350 | 51,277 | 53,211 | 55,541 | 58,312 | 60,936 | 63,610 |
| Total Net Exports * | 75,098 | 73,254 | 73,994 | 74,985 | 75,694 | 76,849 | 78,935 | 81,389 | 83,966 | 86,407 | 88,760 |
| **Net Importers** | | | | | | | | | | | |
| Algeria | 1,900 | 1,944 | 1,984 | 1,964 | 1,962 | 1,965 | 1,966 | 1,970 | 1,974 | 1,977 | 1,981 |
| Canada | 1,350 | 1,052 | 898 | 863 | 795 | 791 | 902 | 1,091 | 1,328 | 1,579 | 1,837 |
| Egypt | 5,300 | 5,312 | 5,267 | 5,161 | 5,078 | 5,043 | 5,084 | 5,173 | 5,309 | 5,499 | 5,716 |
| European Union-15 | 6,370 | 3,931 | 3,995 | 4,015 | 3,927 | 3,800 | 3,757 | 3,749 | 3,744 | 3,747 | 3,740 |
| India | -100 | -178 | -365 | -499 | -519 | -477 | -419 | -335 | -252 | -181 | -120 |
| Indonesia | 550 | 404 | 474 | 550 | 616 | 671 | 747 | 848 | 959 | 1,065 | 1,164 |
| Israel | 800 | 1,000 | 991 | 985 | 981 | 981 | 984 | 991 | 997 | 1,003 | 1,009 |
| Japan | 16,500 | 16,531 | 16,468 | 16,405 | 16,397 | 16,475 | 16,506 | 16,478 | 16,465 | 16,458 | 16,477 |
| Malaysia | 2,500 | 2,479 | 2,465 | 2,454 | 2,451 | 2,465 | 2,489 | 2,516 | 2,540 | 2,565 | 2,590 |
| Mexico | 6,695 | 6,703 | 6,849 | 7,444 | 7,961 | 8,525 | 9,120 | 9,748 | 10,387 | 11,029 | 11,690 |
| Other Africa | 3,340 | 3,460 | 3,828 | 4,116 | 4,375 | 4,785 | 5,245 | 5,727 | 6,216 | 6,706 | 7,198 |
| Other Asia | 270 | 317 | 363 | 366 | 383 | 423 | 476 | 540 | 606 | 671 | 736 |
| Other CIS † | 185 | 135 | 116 | 139 | 165 | 205 | 244 | 289 | 332 | 378 | 423 |
| Other Eastern Europe ‡ | -665 | -904 | -872 | -970 | -1,009 | -1,041 | -1,070 | -1,102 | -1,080 | -1,107 | -1,122 |
| Other Latin America | 9,035 | 9,147 | 9,170 | 9,155 | 9,165 | 9,198 | 9,259 | 9,341 | 9,430 | 9,524 | 9,616 |
| Other Middle East | 6,000 | 6,291 | 6,222 | 6,172 | 6,144 | 6,130 | 6,128 | 6,131 | 6,132 | 6,132 | 6,131 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Philippines | 100 | 119 | 131 | 135 | 134 | 129 | 129 | 140 | 184 | 234 | 275 |
| Russia | 200 | 289 | 231 | 215 | 176 | 154 | 160 | 196 | 249 | 295 | 354 |
| South Korea | 8,400 | 8,408 | 8,586 | 8,749 | 8,901 | 9,032 | 9,218 | 9,445 | 9,641 | 9,778 | 9,893 |
| Taiwan | 4,600 | 4,681 | 4,912 | 5,053 | 5,040 | 5,026 | 5,094 | 5,239 | 5,358 | 5,404 | 5,449 |
| Vietnam | 0 | 48 | 41 | 40 | 39 | 49 | 65 | 84 | 104 | 124 | 143 |
| Rest of World | -415 | -570 | -728 | -860 | -960 | -1,011 | -1,028 | -1,017 | -998 | -982 | -961 |
| Residual | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 | 1,003 |
| Total Net Imports | 75,098 | 73,254 | 73,994 | 74,985 | 75,694 | 76,849 | 78,935 | 81,389 | 83,966 | 86,407 | 88,760 |
| **Coarse Grain Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Corn (FOB Gulf) | 90 | 98 | 104 | 109 | 112 | 115 | 116 | 116 | 117 | 117 | 117 |
| Sorghum (FOB Gulf) | 93 | 105 | 109 | 112 | 115 | 117 | 119 | 119 | 121 | 122 | 123 |
| Barley (Canada Feed) | 94 | 106 | 107 | 110 | 113 | 117 | 121 | 124 | 127 | 131 | 134 |

* Total net exports are the sum of all positive net exports and negative net imports.
† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.
‡ Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.

## Barley Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 200 | 205 | 206 | 202 | 205 | 209 | 217 | 223 | 228 | 233 | 239 |
| Australia | 5,500 | 4,621 | 4,533 | 4,518 | 4,524 | 4,557 | 4,608 | 4,668 | 4,724 | 4,776 | 4,826 |
| Canada | 1,970 | 1,888 | 2,229 | 2,301 | 2,194 | 2,180 | 2,154 | 2,146 | 2,116 | 2,089 | 2,075 |
| European Union-15 | 3,680 | 4,330 | 4,187 | 4,060 | 4,172 | 4,324 | 4,399 | 4,440 | 4,478 | 4,509 | 4,557 |
| Other CIS † | 60 | 70 | 48 | 29 | 48 | 53 | 98 | 141 | 189 | 236 | 288 |
| Russia | 800 | 737 | 1,106 | 1,463 | 1,856 | 1,943 | 2,020 | 2,146 | 2,297 | 2,462 | 2,592 |
| Ukraine | 3,920 | 4,232 | 4,228 | 4,252 | 4,175 | 4,090 | 4,012 | 3,948 | 3,882 | 3,810 | 3,744 |
| United States | 435 | 430 | 484 | 488 | 553 | 581 | 591 | 576 | 539 | 482 | 428 |
| Total Net Exports * | 17,950 | 18,254 | 18,732 | 19,011 | 19,225 | 19,424 | 19,606 | 19,817 | 20,036 | 20,271 | 20,496 |
| **Net Importers** | | | | | | | | | | | |
| Algeria | 200 | 199 | 182 | 177 | 173 | 170 | 160 | 155 | 148 | 141 | 132 |
| Brazil | 150 | 165 | 157 | 142 | 124 | 106 | 93 | 84 | 77 | 70 | 64 |
| China | 2,100 | 2,101 | 2,237 | 2,404 | 2,561 | 2,705 | 2,851 | 3,001 | 3,148 | 3,299 | 3,448 |
| EU New Member States | -1,100 | -1,270 | -1,237 | -1,221 | -1,013 | -990 | -993 | -1,002 | -1,039 | -1,095 | -1,135 |
| Israel | 450 | 470 | 476 | 477 | 476 | 474 | 472 | 470 | 468 | 466 | 464 |
| Japan | 1,400 | 1,413 | 1,442 | 1,441 | 1,438 | 1,440 | 1,440 | 1,437 | 1,434 | 1,431 | 1,430 |
| Mexico | 75 | 60 | 65 | 74 | 85 | 97 | 108 | 121 | 135 | 150 | 166 |
| Other Africa | 1,320 | 1,575 | 1,675 | 1,709 | 1,741 | 1,815 | 1,889 | 1,965 | 2,047 | 2,130 | 2,214 |
| Other Asia | 100 | 48 | 42 | 70 | 93 | 104 | 102 | 101 | 103 | 103 | 100 |
| Other Eastern Europe ‡ | -285 | -471 | -475 | -476 | -485 | -498 | -512 | -528 | -538 | -552 | -566 |
| Other Latin America | 355 | 406 | 445 | 477 | 503 | 525 | 546 | 567 | 588 | 610 | 630 |
| Other Middle East | 1,960 | 2,194 | 2,286 | 2,302 | 2,298 | 2,274 | 2,241 | 2,208 | 2,174 | 2,140 | 2,103 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Saudi Arabia | 6,000 | 5,930 | 6,008 | 6,012 | 6,018 | 6,019 | 6,031 | 6,054 | 6,070 | 6,087 | 6,100 |
| South Africa | 100 | 42 | 49 | 51 | 51 | 49 | 45 | 42 | 40 | 39 | 39 |
| Taiwan | 100 | 103 | 111 | 115 | 116 | 116 | 117 | 120 | 123 | 124 | 126 |
| Rest of World | 160 | 70 | 79 | 79 | 66 | 51 | 31 | 12 | -7 | -26 | -46 |
| Residual | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 | 3,480 |
| Total Net Imports | 17,950 | 18,254 | 18,732 | 19,011 | 19,225 | 19,424 | 19,606 | 19,817 | 20,036 | 20,271 | 20,496 |
| **Coarse Grain Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Corn (FOB Gulf) | 90 | 98 | 104 | 109 | 112 | 115 | 116 | 116 | 117 | 117 | 117 |
| Sorghum (FOB Gulf) | 93 | 105 | 109 | 112 | 115 | 117 | 119 | 119 | 121 | 122 | 123 |
| Barley (Canada Feed) | 94 | 106 | 107 | 110 | 113 | 117 | 121 | 124 | 127 | 131 | 134 |

* Total net exports are the sum of all positive net exports and negative net imports.
† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.
‡ Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.

## Sorghum Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 300 | 335 | 389 | 373 | 343 | 315 | 283 | 249 | 211 | 177 | 142 |
| Australia | 500 | 484 | 521 | 515 | 504 | 499 | 492 | 482 | 470 | 458 | 442 |
| United States | 4,318 | 4,247 | 3,913 | 3,675 | 3,672 | 3,754 | 3,874 | 4,008 | 4,153 | 4,279 | 4,408 |
| Total Net Exports * | 5,218 | 5,131 | 4,911 | 4,655 | 4,611 | 4,662 | 4,754 | 4,854 | 4,954 | 5,038 | 5,115 |
| **Net Importers** | | | | | | | | | | | |
| India | -25 | -3 | -14 | -14 | -10 | -11 | -21 | -30 | -34 | -41 | -39 |
| Israel | 50 | 46 | 44 | 44 | 43 | 43 | 43 | 44 | 44 | 45 | 45 |
| Japan | 1,350 | 1,343 | 1,334 | 1,332 | 1,334 | 1,343 | 1,347 | 1,346 | 1,346 | 1,346 | 1,351 |
| Mexico | 3,500 | 3,475 | 3,342 | 3,110 | 3,073 | 3,123 | 3,204 | 3,288 | 3,386 | 3,478 | 3,562 |
| Nigeria | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 | -50 |
| Pakistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Africa | -25 | -11 | -24 | -28 | -31 | -33 | -34 | -34 | -34 | -34 | -34 |
| Rest of World | 406 | 355 | 279 | 257 | 248 | 240 | 247 | 264 | 265 | 257 | 245 |
| Residual | -88 | -88 | -88 | -88 | -88 | -88 | -88 | -88 | -88 | -88 | -88 |
| Total Net Imports | 5,218 | 5,131 | 4,911 | 4,655 | 4,611 | 4,662 | 4,754 | 4,854 | 4,954 | 5,038 | 5,115 |
| **Coarse Grain Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Corn (FOB Gulf) | 90 | 98 | 104 | 109 | 112 | 115 | 116 | 116 | 117 | 117 | 117 |
| Sorghum (FOB Gulf) | 93 | 105 | 109 | 112 | 115 | 117 | 119 | 119 | 121 | 122 | 123 |
| Barley (Canada Feed) | 94 | 106 | 107 | 110 | 113 | 117 | 121 | 124 | 127 | 131 | 134 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Corn Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Thousand Hectares) | | | | | |
| Area Harvested | 145,107 | 144,580 | 146,060 | 146,822 | 147,596 | 148,328 | 148,923 | 149,212 | 149,181 | 149,228 | 149,261 |
| | | | | | | (Metric Tons per Hectare) | | | | | |
| Yield | 4.71 | 4.73 | 4.80 | 4.86 | 4.92 | 4.98 | 5.04 | 5.10 | 5.16 | 5.21 | 5.27 |
| | | | | | | (Thousand Metric Tons) | | | | | |
| Production | 682,868 | 683,689 | 700,973 | 713,215 | 725,842 | 738,999 | 751,293 | 761,306 | 769,247 | 777,868 | 786,390 |
| Beginning Stocks | 133,389 | 128,461 | 116,318 | 109,705 | 104,369 | 100,904 | 98,833 | 98,129 | 98,326 | 98,087 | 98,007 |
| Domestic Supply | 816,257 | 812,150 | 817,290 | 822,920 | 830,210 | 839,903 | 850,126 | 859,435 | 867,573 | 875,956 | 884,397 |
| Feed Use | 469,538 | 470,410 | 475,092 | 479,583 | 483,654 | 488,738 | 495,206 | 501,281 | 506,569 | 511,773 | 517,065 |
| Food and Other | 218,258 | 225,423 | 232,493 | 238,969 | 245,653 | 252,333 | 256,790 | 259,828 | 262,917 | 266,175 | 269,428 |
| Ending Stocks | 128,461 | 116,318 | 109,705 | 104,369 | 100,904 | 98,833 | 98,129 | 98,326 | 98,087 | 98,007 | 97,904 |
| Domestic Use | 816,257 | 812,150 | 817,290 | 822,920 | 830,210 | 839,903 | 850,126 | 859,435 | 867,573 | 875,956 | 884,397 |
| Trade * | 75,098 | 73,254 | 73,994 | 74,985 | 75,694 | 76,849 | 78,935 | 81,389 | 83,966 | 86,407 | 88,760 |
| | | | | | | (Percent) | | | | | |
| Stocks-to-Use Ratio | 18.68 | 16.72 | 15.50 | 14.52 | 13.84 | 13.34 | 13.05 | 12.92 | 12.75 | 12.60 | 12.45 |

* Excludes intraregional trade.

## World Barley Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Thousand Hectares) | | | | | |
| Area Harvested | 56,019 | 56,055 | 56,603 | 56,439 | 56,388 | 56,401 | 56,432 | 56,467 | 56,490 | 56,523 | 56,567 |
| | | | | | | (Metric Tons per Hectare) | | | | | |
| Yield | 2.41 | 2.49 | 2.50 | 2.51 | 2.53 | 2.54 | 2.55 | 2.57 | 2.58 | 2.59 | 2.60 |
| | | | | | | (Thousand Metric Tons) | | | | | |
| Production | 134,782 | 139,712 | 141,553 | 141,897 | 142,461 | 143,356 | 144,159 | 144,926 | 145,660 | 146,440 | 147,260 |
| Beginning Stocks | 34,192 | 26,732 | 25,582 | 25,557 | 25,528 | 25,533 | 25,631 | 25,746 | 25,904 | 26,031 | 26,141 |
| Domestic Supply | 168,974 | 166,444 | 167,136 | 167,454 | 167,989 | 168,889 | 169,790 | 170,672 | 171,564 | 172,470 | 173,402 |
| Feed Use | 98,997 | 97,610 | 97,645 | 97,693 | 97,961 | 98,431 | 98,876 | 99,232 | 99,634 | 100,075 | 100,546 |
| Food and Other | 43,245 | 43,252 | 43,933 | 44,233 | 44,494 | 44,828 | 45,167 | 45,537 | 45,899 | 46,254 | 46,605 |
| Ending Stocks | 26,732 | 25,582 | 25,557 | 25,528 | 25,533 | 25,631 | 25,746 | 25,904 | 26,031 | 26,141 | 26,250 |
| Domestic Use | 168,974 | 166,444 | 167,136 | 167,454 | 167,989 | 168,889 | 169,790 | 170,672 | 171,564 | 172,470 | 173,402 |
| Trade * | 17,950 | 18,254 | 18,732 | 19,011 | 19,225 | 19,424 | 19,606 | 19,817 | 20,036 | 20,271 | 20,496 |
| | | | | | | (Percent) | | | | | |
| Stocks-to-Use Ratio | 18.79 | 18.16 | 18.05 | 17.99 | 17.92 | 17.89 | 17.87 | 17.89 | 17.89 | 17.86 | 17.84 |

* Excludes intraregional trade.

## World Sorghum Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 39,808 | 39,481 | 39,911 | 39,943 | 39,945 | 39,948 | 39,953 | 39,923 | 39,872 | 39,848 | 39,836 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.45 | 1.42 | 1.43 | 1.44 | 1.45 | 1.47 | 1.48 | 1.49 | 1.50 | 1.51 | 1.52 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 57,615 | 56,036 | 57,196 | 57,663 | 58,082 | 58,543 | 59,011 | 59,433 | 59,821 | 60,253 | 60,716 |
| Beginning Stocks | 4,181 | 4,612 | 4,064 | 3,927 | 3,837 | 3,759 | 3,716 | 3,708 | 3,729 | 3,734 | 3,738 |
| Domestic Supply | 61,796 | 60,648 | 61,261 | 61,590 | 61,919 | 62,301 | 62,727 | 63,142 | 63,549 | 63,986 | 64,454 |
| Feed Use | 25,563 | 24,957 | 25,051 | 25,060 | 25,053 | 25,067 | 25,096 | 25,107 | 25,146 | 25,206 | 25,287 |
| Food and Other | 31,621 | 31,626 | 32,282 | 32,693 | 33,107 | 33,518 | 33,923 | 34,306 | 34,669 | 35,042 | 35,425 |
| Ending Stocks | 4,612 | 4,064 | 3,927 | 3,837 | 3,759 | 3,716 | 3,708 | 3,729 | 3,734 | 3,738 | 3,742 |
| Domestic Use | 61,796 | 60,648 | 61,261 | 61,590 | 61,919 | 62,301 | 62,727 | 63,142 | 63,549 | 63,986 | 64,454 |
| Trade * | 5,218 | 5,131 | 4,911 | 4,655 | 4,611 | 4,662 | 4,754 | 4,854 | 4,954 | 5,038 | 5,115 |
| | | | | | (Percent) | | | | | | |
| Stocks-to-Use Ratio | 8.07 | 7.18 | 6.85 | 6.64 | 6.46 | 6.34 | 6.28 | 6.28 | 6.24 | 6.20 | 6.16 |

* Excludes intraregional trade.

## U.S. Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 30,395 | 29,437 | 30,065 | 30,393 | 30,803 | 31,235 | 31,589 | 31,729 | 31,733 | 31,795 | 31,850 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 9.29 | 9.25 | 9.36 | 9.48 | 9.60 | 9.72 | 9.83 | 9.95 | 10.07 | 10.19 | 10.31 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 282,260 | 272,149 | 281,534 | 288,184 | 295,655 | 303,461 | 310,620 | 315,767 | 319,634 | 324,088 | 328,501 |
| Beginning Stocks | 53,697 | 58,769 | 49,355 | 43,408 | 38,315 | 35,048 | 33,105 | 32,358 | 32,373 | 32,023 | 31,857 |
| Domestic Supply | 335,957 | 330,918 | 330,889 | 331,591 | 333,971 | 338,509 | 343,725 | 348,125 | 352,008 | 356,111 | 360,358 |
| Feed Use | 155,262 | 151,366 | 151,677 | 151,526 | 151,593 | 152,222 | 153,689 | 154,682 | 154,961 | 155,254 | 155,601 |
| Food and Other | 75,188 | 80,872 | 86,599 | 91,831 | 96,979 | 101,906 | 104,467 | 105,529 | 106,712 | 108,063 | 109,447 |
| Ending Stocks | 58,769 | 49,355 | 43,408 | 38,315 | 35,048 | 33,105 | 32,358 | 32,373 | 32,023 | 31,857 | 31,699 |
| Domestic Use | 289,219 | 281,593 | 281,683 | 281,673 | 283,621 | 287,232 | 290,514 | 292,584 | 293,696 | 295,175 | 296,748 |
| Net Trade | 46,738 | 49,325 | 49,206 | 49,918 | 50,350 | 51,277 | 53,211 | 55,541 | 58,312 | 60,936 | 63,610 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,321 | 2,187 | 2,212 | 2,181 | 2,147 | 2,122 | 2,106 | 2,087 | 2,064 | 2,045 | 2,031 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.31 | 4.03 | 4.04 | 4.06 | 4.07 | 4.08 | 4.09 | 4.10 | 4.12 | 4.13 | 4.15 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 10,005 | 8,816 | 8,946 | 8,843 | 8,729 | 8,663 | 8,619 | 8,567 | 8,500 | 8,450 | 8,423 |
| Beginning Stocks | 1,446 | 1,926 | 1,493 | 1,384 | 1,299 | 1,219 | 1,166 | 1,142 | 1,142 | 1,126 | 1,110 |
| Domestic Supply | 11,451 | 10,742 | 10,438 | 10,227 | 10,029 | 9,882 | 9,786 | 9,709 | 9,642 | 9,576 | 9,533 |
| Feed Use | 3,810 | 3,538 | 3,657 | 3,743 | 3,608 | 3,409 | 3,191 | 2,953 | 2,730 | 2,528 | 2,344 |
| Food and Other | 1,397 | 1,464 | 1,485 | 1,510 | 1,529 | 1,554 | 1,579 | 1,606 | 1,633 | 1,660 | 1,687 |
| Ending Stocks | 1,926 | 1,493 | 1,384 | 1,299 | 1,219 | 1,166 | 1,142 | 1,142 | 1,126 | 1,110 | 1,094 |
| Domestic Use | 7,133 | 6,495 | 6,526 | 6,552 | 6,356 | 6,129 | 5,912 | 5,701 | 5,488 | 5,298 | 5,125 |
| Net Trade | 4,318 | 4,247 | 3,913 | 3,675 | 3,672 | 3,754 | 3,874 | 4,008 | 4,153 | 4,279 | 4,408 |

## U.S. Coarse Grain Supply and Utilization (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,323 | 1,382 | 1,375 | 1,353 | 1,352 | 1,324 | 1,305 | 1,280 | 1,255 | 1,237 | 1,225 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield Actual | 3.49 | 3.42 | 3.45 | 3.48 | 3.51 | 3.54 | 3.57 | 3.61 | 3.64 | 3.67 | 3.71 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,613 | 4,726 | 4,746 | 4,710 | 4,746 | 4,691 | 4,663 | 4,617 | 4,571 | 4,546 | 4,541 |
| Beginning Stocks | 2,796 | 2,402 | 2,223 | 2,081 | 2,037 | 2,026 | 2,017 | 2,020 | 2,028 | 2,023 | 2,013 |
| Domestic Supply | 7,409 | 7,128 | 6,969 | 6,792 | 6,783 | 6,717 | 6,681 | 6,637 | 6,598 | 6,569 | 6,554 |
| Feed Use | 1,524 | 1,415 | 1,348 | 1,219 | 1,154 | 1,065 | 1,011 | 969 | 969 | 1,001 | 1,045 |
| Food and Other | 3,048 | 3,061 | 3,055 | 3,048 | 3,050 | 3,054 | 3,059 | 3,065 | 3,068 | 3,072 | 3,077 |
| Ending Stocks | 2,402 | 2,223 | 2,081 | 2,037 | 2,026 | 2,017 | 2,020 | 2,028 | 2,023 | 2,013 | 2,004 |
| Domestic Use | 6,974 | 6,698 | 6,484 | 6,304 | 6,231 | 6,136 | 6,090 | 6,061 | 6,060 | 6,086 | 6,126 |
| Net Trade | 435 | 430 | 484 | 488 | 553 | 581 | 591 | 576 | 539 | 482 | 428 |
| **Oats** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 738 | 745 | 758 | 755 | 747 | 738 | 729 | 721 | 713 | 704 | 697 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield Actual | 2.26 | 2.26 | 2.27 | 2.28 | 2.30 | 2.31 | 2.32 | 2.34 | 2.35 | 2.36 | 2.38 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,667 | 1,685 | 1,723 | 1,725 | 1,717 | 1,703 | 1,694 | 1,683 | 1,674 | 1,664 | 1,656 |
| Beginning Stocks | 841 | 738 | 730 | 721 | 703 | 682 | 661 | 646 | 635 | 626 | 618 |
| Domestic Supply | 2,508 | 2,423 | 2,453 | 2,446 | 2,420 | 2,385 | 2,355 | 2,329 | 2,309 | 2,290 | 2,274 |
| U.S. Crops and Residual | 1,946 | 2,027 | 2,060 | 2,069 | 2,064 | 2,048 | 2,027 | 2,002 | 1,982 | 1,962 | 1,943 |
| Food, Seed and Industrial | 1,073 | 1,078 | 1,084 | 1,090 | 1,095 | 1,101 | 1,106 | 1,112 | 1,118 | 1,123 | 1,129 |
| Ending Stocks | 738 | 730 | 721 | 703 | 682 | 661 | 646 | 635 | 626 | 618 | 612 |
| Domestic Use | 3,757 | 3,835 | 3,865 | 3,862 | 3,841 | 3,810 | 3,779 | 3,749 | 3,726 | 3,703 | 3,684 |
| Net Trade | -1,249 | -1,413 | -1,412 | -1,417 | -1,421 | -1,425 | -1,424 | -1,421 | -1,417 | -1,413 | -1,409 |

## Algerian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.00 | 1.00 | 1.01 | 1.01 | 1.01 | 1.02 | 1.02 | 1.03 | 1.03 | 1.03 | 1.04 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Beginning Stocks | 199 | 100 | 132 | 143 | 143 | 143 | 143 | 143 | 143 | 144 | 144 |
| Domestic Supply | 200 | 101 | 133 | 144 | 144 | 144 | 144 | 144 | 144 | 145 | 145 |
| Feed Use | 2,000 | 1,913 | 1,974 | 1,965 | 1,963 | 1,965 | 1,967 | 1,971 | 1,975 | 1,978 | 1,982 |
| Food and Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 100 | 132 | 143 | 143 | 143 | 143 | 143 | 143 | 144 | 144 | 144 |
| Domestic Use | 2,100 | 2,045 | 2,117 | 2,108 | 2,106 | 2,109 | 2,110 | 2,115 | 2,118 | 2,122 | 2,126 |
| Net Trade | -1,900 | -1,944 | -1,984 | -1,964 | -1,962 | -1,965 | -1,966 | -1,970 | -1,974 | -1,977 | -1,981 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 700 | 660 | 696 | 694 | 695 | 695 | 695 | 696 | 697 | 698 | 699 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.57 | 1.01 | 1.02 | 1.03 | 1.03 | 1.04 | 1.04 | 1.05 | 1.06 | 1.06 | 1.07 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 400 | 669 | 709 | 712 | 717 | 721 | 726 | 732 | 737 | 742 | 748 |
| Beginning Stocks | 875 | 625 | 616 | 615 | 613 | 613 | 613 | 610 | 609 | 607 | 606 |
| Domestic Supply | 1,275 | 1,294 | 1,325 | 1,327 | 1,330 | 1,334 | 1,339 | 1,342 | 1,346 | 1,350 | 1,354 |
| Feed Use | 700 | 683 | 687 | 687 | 687 | 685 | 680 | 676 | 672 | 668 | 663 |
| Food and Other | 150 | 194 | 204 | 204 | 203 | 206 | 209 | 212 | 214 | 217 | 220 |
| Ending Stocks | 625 | 616 | 615 | 613 | 613 | 613 | 610 | 609 | 607 | 606 | 604 |
| Domestic Use | 1,475 | 1,493 | 1,506 | 1,504 | 1,503 | 1,504 | 1,499 | 1,497 | 1,494 | 1,491 | 1,486 |
| Net Trade | -200 | -199 | -182 | -177 | -173 | -170 | -160 | -155 | -148 | -141 | -132 |

## Argentine Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,400 | 2,241 | 2,380 | 2,387 | 2,404 | 2,433 | 2,466 | 2,495 | 2,516 | 2,545 | 2,570 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 7.00 | 7.07 | 7.14 | 7.21 | 7.29 | 7.36 | 7.43 | 7.50 | 7.57 | 7.64 | 7.71 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 16,800 | 15,844 | 17,002 | 17,219 | 17,516 | 17,902 | 18,323 | 18,716 | 19,048 | 19,449 | 19,826 |
| Beginning Stocks | 530 | 430 | 410 | 409 | 411 | 415 | 425 | 435 | 449 | 462 | 475 |
| Domestic Supply | 17,330 | 16,274 | 17,412 | 17,628 | 17,927 | 18,317 | 18,747 | 19,151 | 19,497 | 19,911 | 20,301 |
| Feed Use | 3,700 | 3,724 | 3,775 | 3,845 | 3,933 | 4,047 | 4,181 | 4,327 | 4,490 | 4,667 | 4,860 |
| Food and Other | 1,700 | 1,702 | 1,716 | 1,730 | 1,748 | 1,771 | 1,795 | 1,821 | 1,846 | 1,872 | 1,896 |
| Ending Stocks | 430 | 410 | 409 | 411 | 415 | 425 | 435 | 449 | 462 | 475 | 488 |
| Domestic Use | 5,830 | 5,836 | 5,901 | 5,986 | 6,096 | 6,242 | 6,411 | 6,597 | 6,798 | 7,014 | 7,245 |
| Net Trade | 11,500 | 10,438 | 11,511 | 11,642 | 11,831 | 12,075 | 12,336 | 12,554 | 12,700 | 12,897 | 13,056 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 500 | 504 | 523 | 526 | 524 | 523 | 521 | 520 | 518 | 517 | 516 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 5.00 | 5.03 | 5.07 | 5.10 | 5.14 | 5.17 | 5.20 | 5.24 | 5.27 | 5.31 | 5.34 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,500 | 2,538 | 2,653 | 2,683 | 2,691 | 2,704 | 2,712 | 2,722 | 2,729 | 2,742 | 2,756 |
| Beginning Stocks | 404 | 304 | 246 | 217 | 204 | 198 | 198 | 199 | 203 | 207 | 211 |
| Domestic Supply | 2,904 | 2,842 | 2,898 | 2,901 | 2,895 | 2,902 | 2,910 | 2,921 | 2,932 | 2,948 | 2,967 |
| Feed Use | 2,100 | 2,063 | 2,093 | 2,125 | 2,154 | 2,189 | 2,226 | 2,268 | 2,313 | 2,359 | 2,409 |
| Food and Other | 200 | 198 | 199 | 199 | 200 | 200 | 201 | 201 | 201 | 202 | 201 |
| Ending Stocks | 304 | 246 | 217 | 204 | 198 | 198 | 199 | 203 | 207 | 211 | 215 |
| Domestic Use | 2,604 | 2,507 | 2,509 | 2,528 | 2,552 | 2,587 | 2,626 | 2,672 | 2,721 | 2,772 | 2,825 |
| Net Trade | 300 | 335 | 389 | 373 | 343 | 315 | 283 | 249 | 211 | 177 | 142 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 250 | 264 | 271 | 270 | 270 | 270 | 271 | 272 | 273 | 273 | 274 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.10 | 3.14 | 3.17 | 3.21 | 3.24 | 3.28 | 3.31 | 3.35 | 3.38 | 3.42 | 3.45 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 775 | 828 | 859 | 867 | 877 | 886 | 898 | 910 | 922 | 934 | 947 |
| Beginning Stocks | 197 | 122 | 101 | 99 | 99 | 99 | 99 | 99 | 100 | 100 | 100 |
| Domestic Supply | 972 | 950 | 960 | 965 | 975 | 985 | 997 | 1,010 | 1,022 | 1,034 | 1,047 |
| Feed Use | 250 | 246 | 251 | 255 | 260 | 264 | 268 | 273 | 279 | 286 | 293 |
| Food and Other | 400 | 397 | 405 | 409 | 412 | 413 | 413 | 414 | 414 | 415 | 415 |
| Ending Stocks | 122 | 101 | 99 | 99 | 99 | 99 | 99 | 100 | 100 | 100 | 100 |
| Domestic Use | 772 | 745 | 754 | 763 | 770 | 776 | 781 | 787 | 793 | 801 | 808 |
| Net Trade | 200 | 205 | 206 | 202 | 205 | 209 | 217 | 223 | 228 | 233 | 239 |

## Australian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 80 | 80 | 81 | 81 | 82 | 82 | 82 | 82 | 82 | 82 | 81 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 5.00 | 5.04 | 5.07 | 5.11 | 5.14 | 5.18 | 5.21 | 5.25 | 5.29 | 5.32 | 5.36 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 400 | 404 | 410 | 416 | 421 | 425 | 429 | 431 | 433 | 434 | 436 |
| Beginning Stocks | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| Domestic Supply | 409 | 413 | 419 | 425 | 430 | 434 | 438 | 440 | 442 | 444 | 445 |
| Feed Use | 270 | 278 | 281 | 285 | 289 | 294 | 298 | 303 | 308 | 313 | 319 |
| Food and Other | 110 | 110 | 111 | 112 | 113 | 114 | 115 | 117 | 119 | 120 | 122 |
| Ending Stocks | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 |
| Domestic Use | 389 | 397 | 400 | 406 | 411 | 417 | 423 | 429 | 436 | 443 | 451 |
| Net Trade | 20 | 15 | 18 | 19 | 19 | 18 | 15 | 11 | 6 | 0 | -5 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 750 | 735 | 752 | 756 | 757 | 758 | 759 | 759 | 759 | 759 | 760 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.67 | 2.77 | 2.82 | 2.87 | 2.92 | 2.97 | 3.02 | 3.08 | 3.13 | 3.18 | 3.23 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,000 | 2,034 | 2,120 | 2,170 | 2,213 | 2,255 | 2,296 | 2,336 | 2,374 | 2,414 | 2,455 |
| Beginning Stocks | 235 | 130 | 97 | 88 | 86 | 85 | 86 | 87 | 88 | 89 | 90 |
| Domestic Supply | 2,235 | 2,164 | 2,218 | 2,258 | 2,298 | 2,340 | 2,382 | 2,423 | 2,462 | 2,504 | 2,545 |
| Feed Use | 1,600 | 1,578 | 1,603 | 1,653 | 1,703 | 1,750 | 1,798 | 1,847 | 1,897 | 1,950 | 2,007 |
| Food and Other | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| Ending Stocks | 130 | 97 | 88 | 86 | 85 | 86 | 87 | 88 | 89 | 90 | 91 |
| Domestic Use | 1,735 | 1,680 | 1,696 | 1,743 | 1,794 | 1,841 | 1,890 | 1,940 | 1,992 | 2,046 | 2,103 |
| Net Trade | 500 | 484 | 521 | 515 | 504 | 499 | 492 | 482 | 470 | 458 | 442 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,100 | 4,132 | 4,097 | 4,086 | 4,077 | 4,074 | 4,078 | 4,086 | 4,094 | 4,100 | 4,107 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.07 | 1.91 | 1.93 | 1.95 | 1.97 | 2.00 | 2.02 | 2.04 | 2.07 | 2.09 | 2.11 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 8,500 | 7,893 | 7,899 | 7,972 | 8,048 | 8,136 | 8,237 | 8,347 | 8,457 | 8,565 | 8,674 |
| Beginning Stocks | 1,589 | 1,289 | 1,262 | 1,267 | 1,276 | 1,282 | 1,286 | 1,289 | 1,292 | 1,295 | 1,298 |
| Domestic Supply | 10,089 | 9,182 | 9,161 | 9,239 | 9,324 | 9,418 | 9,523 | 9,636 | 9,749 | 9,860 | 9,972 |
| Feed Use | 2,400 | 2,415 | 2,472 | 2,545 | 2,609 | 2,657 | 2,703 | 2,747 | 2,796 | 2,847 | 2,901 |
| Food and Other | 900 | 884 | 889 | 899 | 910 | 918 | 924 | 929 | 934 | 940 | 944 |
| Ending Stocks | 1,289 | 1,262 | 1,267 | 1,276 | 1,282 | 1,286 | 1,289 | 1,292 | 1,295 | 1,298 | 1,300 |
| Domestic Use | 4,589 | 4,560 | 4,628 | 4,721 | 4,801 | 4,861 | 4,915 | 4,968 | 5,025 | 5,085 | 5,146 |
| Net Trade | 5,500 | 4,621 | 4,533 | 4,518 | 4,524 | 4,557 | 4,608 | 4,668 | 4,724 | 4,776 | 4,826 |

## Brazilian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 12,800 | 12,926 | 13,131 | 13,250 | 13,390 | 13,551 | 13,747 | 13,899 | 13,980 | 14,054 | 14,120 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.32 | 3.37 | 3.41 | 3.46 | 3.50 | 3.55 | 3.60 | 3.64 | 3.69 | 3.74 | 3.78 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 42,500 | 43,514 | 44,810 | 45,826 | 46,927 | 48,114 | 49,444 | 50,633 | 51,573 | 52,492 | 53,391 |
| Beginning Stocks | 4,618 | 6,018 | 6,192 | 6,214 | 6,201 | 6,181 | 6,167 | 6,167 | 6,175 | 6,184 | 6,193 |
| Domestic Supply | 47,118 | 49,532 | 51,002 | 52,040 | 53,127 | 54,295 | 55,610 | 56,799 | 57,748 | 58,676 | 59,584 |
| Feed Use | 33,500 | 35,414 | 36,302 | 36,998 | 37,552 | 38,241 | 39,158 | 40,162 | 41,132 | 42,167 | 43,230 |
| Food and Other | 6,500 | 6,535 | 6,596 | 6,655 | 6,721 | 6,788 | 6,860 | 6,933 | 7,003 | 7,073 | 7,141 |
| Ending Stocks | 6,018 | 6,192 | 6,214 | 6,201 | 6,181 | 6,167 | 6,167 | 6,175 | 6,184 | 6,193 | 6,202 |
| Domestic Use | 46,018 | 48,142 | 49,112 | 49,853 | 50,455 | 51,196 | 52,184 | 53,270 | 54,318 | 55,433 | 56,573 |
| Net Trade | 1,100 | 1,391 | 1,889 | 2,187 | 2,672 | 3,100 | 3,426 | 3,530 | 3,430 | 3,243 | 3,010 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 150 | 159 | 167 | 173 | 178 | 182 | 186 | 189 | 191 | 194 | 196 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.83 | 2.86 | 2.89 | 2.92 | 2.95 | 2.98 | 3.00 | 3.03 | 3.06 | 3.09 | 3.12 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 425 | 456 | 483 | 504 | 524 | 541 | 558 | 573 | 586 | 599 | 611 |
| Beginning Stocks | 149 | 124 | 116 | 113 | 111 | 109 | 107 | 106 | 106 | 105 | 105 |
| Domestic Supply | 574 | 580 | 599 | 618 | 635 | 650 | 665 | 679 | 692 | 704 | 715 |
| Feed Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Food and Other | 600 | 629 | 643 | 648 | 649 | 649 | 652 | 657 | 663 | 670 | 675 |
| Ending Stocks | 124 | 116 | 113 | 111 | 109 | 107 | 106 | 106 | 105 | 105 | 104 |
| Domestic Use | 724 | 745 | 756 | 759 | 759 | 756 | 758 | 763 | 769 | 774 | 780 |
| Net Trade | -150 | -165 | -157 | -142 | -124 | -106 | -93 | -84 | -77 | -70 | -64 |

## Canadian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,096 | 1,101 | 1,129 | 1,127 | 1,141 | 1,153 | 1,168 | 1,170 | 1,170 | 1,168 | 1,166 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 8.64 | 8.72 | 8.79 | 8.86 | 8.94 | 9.01 | 9.08 | 9.15 | 9.22 | 9.29 | 9.36 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 9,470 | 9,599 | 9,929 | 9,993 | 10,194 | 10,387 | 10,606 | 10,709 | 10,784 | 10,851 | 10,919 |
| Beginning Stocks | 1,716 | 1,536 | 1,427 | 1,414 | 1,398 | 1,367 | 1,340 | 1,332 | 1,335 | 1,340 | 1,347 |
| Domestic Supply | 11,186 | 11,135 | 11,356 | 11,407 | 11,592 | 11,754 | 11,946 | 12,041 | 12,119 | 12,191 | 12,266 |
| Feed Use | 8,500 | 8,331 | 8,357 | 8,378 | 8,521 | 8,709 | 8,989 | 9,239 | 9,518 | 9,804 | 10,098 |
| Food and Other | 2,500 | 2,430 | 2,483 | 2,494 | 2,499 | 2,497 | 2,526 | 2,558 | 2,589 | 2,620 | 2,650 |
| Ending Stocks | 1,536 | 1,427 | 1,414 | 1,398 | 1,367 | 1,340 | 1,332 | 1,335 | 1,340 | 1,347 | 1,355 |
| Domestic Use | 12,536 | 12,188 | 12,254 | 12,270 | 12,387 | 12,545 | 12,848 | 13,132 | 13,447 | 13,771 | 14,103 |
| Net Trade | -1,350 | -1,052 | -898 | -863 | -795 | -791 | -902 | -1,091 | -1,328 | -1,579 | -1,837 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 3,890 | 4,027 | 4,116 | 4,119 | 4,150 | 4,236 | 4,280 | 4,314 | 4,343 | 4,375 | 4,407 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.21 | 3.23 | 3.25 | 3.27 | 3.28 | 3.30 | 3.32 | 3.34 | 3.35 | 3.37 | 3.39 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 12,500 | 13,011 | 13,371 | 13,455 | 13,628 | 13,987 | 14,207 | 14,398 | 14,571 | 14,754 | 14,940 |
| Beginning Stocks | 3,489 | 2,919 | 2,833 | 2,852 | 2,812 | 2,776 | 2,747 | 2,725 | 2,714 | 2,698 | 2,686 |
| Domestic Supply | 15,989 | 15,930 | 16,204 | 16,306 | 16,440 | 16,763 | 16,954 | 17,123 | 17,285 | 17,453 | 17,626 |
| Feed Use | 9,500 | 9,594 | 9,487 | 9,547 | 9,817 | 10,178 | 10,410 | 10,588 | 10,787 | 10,985 | 11,175 |
| Food and Other | 1,600 | 1,615 | 1,637 | 1,646 | 1,653 | 1,659 | 1,665 | 1,675 | 1,684 | 1,693 | 1,702 |
| Ending Stocks | 2,919 | 2,833 | 2,852 | 2,812 | 2,776 | 2,747 | 2,725 | 2,714 | 2,698 | 2,686 | 2,674 |
| Domestic Use | 14,019 | 14,042 | 13,976 | 14,005 | 14,246 | 14,584 | 14,800 | 14,977 | 15,169 | 15,364 | 15,551 |
| Net Trade | 1,970 | 1,888 | 2,229 | 2,301 | 2,194 | 2,180 | 2,154 | 2,146 | 2,116 | 2,089 | 2,075 |

## Chinese Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 26,200 | 26,181 | 26,363 | 26,450 | 26,421 | 26,437 | 26,422 | 26,452 | 26,420 | 26,387 | 26,351 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 5.11 | 5.22 | 5.29 | 5.35 | 5.42 | 5.49 | 5.56 | 5.62 | 5.69 | 5.76 | 5.82 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 134,000 | 136,624 | 139,351 | 141,589 | 143,216 | 145,086 | 146,783 | 148,729 | 150,328 | 151,920 | 153,485 |
| Beginning Stocks | 36,055 | 30,255 | 28,208 | 27,598 | 27,431 | 27,293 | 27,124 | 27,024 | 26,998 | 26,900 | 26,774 |
| Domestic Supply | 170,055 | 166,879 | 167,558 | 169,188 | 170,646 | 172,379 | 173,907 | 175,753 | 177,326 | 178,820 | 180,259 |
| Feed Use | 100,000 | 101,667 | 103,654 | 105,620 | 107,516 | 109,486 | 111,408 | 113,151 | 114,700 | 116,106 | 117,365 |
| Food and Other | 34,000 | 34,071 | 34,296 | 34,635 | 35,003 | 35,403 | 35,835 | 36,294 | 36,735 | 37,176 | 37,602 |
| Ending Stocks | 30,255 | 28,208 | 27,598 | 27,431 | 27,293 | 27,124 | 27,024 | 26,998 | 26,900 | 26,774 | 26,621 |
| Domestic Use | 164,255 | 163,945 | 165,548 | 167,686 | 169,812 | 172,013 | 174,268 | 176,443 | 178,336 | 180,057 | 181,587 |
| Net Trade | 5,800 | 2,934 | 2,010 | 1,502 | 834 | 366 | -361 | -689 | -1,010 | -1,237 | -1,328 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 800 | 815 | 833 | 830 | 831 | 831 | 834 | 837 | 840 | 843 | 845 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.50 | 3.60 | 3.62 | 3.65 | 3.68 | 3.70 | 3.73 | 3.75 | 3.78 | 3.81 | 3.83 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,800 | 2,932 | 3,017 | 3,029 | 3,053 | 3,078 | 3,108 | 3,142 | 3,175 | 3,208 | 3,241 |
| Beginning Stocks | 325 | 225 | 219 | 226 | 231 | 235 | 236 | 237 | 239 | 240 | 241 |
| Domestic Supply | 3,125 | 3,157 | 3,236 | 3,255 | 3,285 | 3,312 | 3,344 | 3,379 | 3,414 | 3,448 | 3,482 |
| Feed Use | 950 | 992 | 1,097 | 1,190 | 1,289 | 1,385 | 1,485 | 1,587 | 1,689 | 1,792 | 1,896 |
| Food and Other | 4,050 | 4,047 | 4,150 | 4,238 | 4,323 | 4,396 | 4,473 | 4,554 | 4,634 | 4,714 | 4,793 |
| Ending Stocks | 225 | 219 | 226 | 231 | 235 | 236 | 237 | 239 | 240 | 241 | 241 |
| Domestic Use | 5,225 | 5,258 | 5,473 | 5,660 | 5,846 | 6,017 | 6,195 | 6,380 | 6,562 | 6,747 | 6,930 |
| Net Trade | -2,100 | -2,101 | -2,237 | -2,404 | -2,561 | -2,705 | -2,851 | -3,001 | -3,148 | -3,299 | -3,448 |

## Egyptian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 700 | 674 | 675 | 684 | 690 | 694 | 695 | 694 | 692 | 692 | 690 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 8.50 | 8.54 | 8.58 | 8.62 | 8.67 | 8.71 | 8.75 | 8.79 | 8.83 | 8.87 | 8.91 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 5,950 | 5,756 | 5,796 | 5,897 | 5,977 | 6,041 | 6,079 | 6,097 | 6,114 | 6,136 | 6,156 |
| Beginning Stocks | 756 | 706 | 686 | 679 | 673 | 668 | 667 | 668 | 668 | 668 | 669 |
| Domestic Supply | 6,706 | 6,462 | 6,482 | 6,576 | 6,650 | 6,709 | 6,746 | 6,764 | 6,782 | 6,804 | 6,824 |
| Feed Use | 9,600 | 9,424 | 9,404 | 9,388 | 9,366 | 9,365 | 9,410 | 9,483 | 9,605 | 9,785 | 9,991 |
| Food and Other | 1,700 | 1,664 | 1,666 | 1,676 | 1,694 | 1,720 | 1,753 | 1,786 | 1,817 | 1,850 | 1,881 |
| Ending Stocks | 706 | 686 | 679 | 673 | 668 | 667 | 668 | 668 | 668 | 669 | 669 |
| Domestic Use | 12,006 | 11,774 | 11,749 | 11,737 | 11,728 | 11,752 | 11,830 | 11,937 | 12,091 | 12,303 | 12,540 |
| Net Trade | -5,300 | -5,312 | -5,267 | -5,161 | -5,078 | -5,043 | -5,084 | -5,173 | -5,309 | -5,499 | -5,716 |

## EU New Member States Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,822 | 1,782 | 1,794 | 1,787 | 1,777 | 1,785 | 1,794 | 1,803 | 1,812 | 1,823 | 1,832 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 7.05 | 6.86 | 6.89 | 6.94 | 6.98 | 7.02 | 7.06 | 7.09 | 7.13 | 7.17 | 7.21 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 12,846 | 12,229 | 12,362 | 12,399 | 12,408 | 12,526 | 12,663 | 12,786 | 12,920 | 13,066 | 13,205 |
| Beginning Stocks | 3,643 | 2,030 | 1,667 | 1,603 | 1,589 | 1,591 | 1,608 | 1,627 | 1,648 | 1,669 | 1,688 |
| Domestic Supply | 16,489 | 14,259 | 14,030 | 14,002 | 13,997 | 14,117 | 14,270 | 14,413 | 14,569 | 14,735 | 14,893 |
| Feed Use | 6,780 | 7,057 | 7,192 | 7,279 | 7,395 | 7,515 | 7,659 | 7,802 | 7,921 | 8,026 | 8,148 |
| Food and Other | 2,219 | 2,282 | 2,299 | 2,300 | 2,302 | 2,311 | 2,320 | 2,329 | 2,337 | 2,344 | 2,351 |
| Ending Stocks | 2,030 | 1,667 | 1,603 | 1,589 | 1,591 | 1,608 | 1,627 | 1,648 | 1,669 | 1,688 | 1,708 |
| Domestic Use | 11,029 | 11,006 | 11,094 | 11,168 | 11,288 | 11,434 | 11,606 | 11,779 | 11,927 | 12,058 | 12,207 |
| Net Trade | 5,460 | 3,252 | 2,936 | 2,834 | 2,708 | 2,684 | 2,664 | 2,634 | 2,641 | 2,677 | 2,686 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,869 | 2,940 | 2,967 | 2,955 | 2,887 | 2,881 | 2,887 | 2,893 | 2,900 | 2,909 | 2,916 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.20 | 3.32 | 3.35 | 3.38 | 3.41 | 3.44 | 3.47 | 3.50 | 3.53 | 3.56 | 3.59 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 9,190 | 9,772 | 9,936 | 9,992 | 9,857 | 9,921 | 10,025 | 10,130 | 10,240 | 10,356 | 10,470 |
| Beginning Stocks | 1,834 | 1,400 | 1,275 | 1,257 | 1,252 | 1,252 | 1,260 | 1,272 | 1,286 | 1,299 | 1,312 |
| Domestic Supply | 11,024 | 11,172 | 11,212 | 11,249 | 11,109 | 11,172 | 11,285 | 11,402 | 11,526 | 11,655 | 11,781 |
| Feed Use | 6,190 | 6,285 | 6,350 | 6,406 | 6,483 | 6,555 | 6,646 | 6,732 | 6,797 | 6,853 | 6,922 |
| Food and Other | 2,334 | 2,342 | 2,368 | 2,369 | 2,362 | 2,367 | 2,373 | 2,382 | 2,390 | 2,395 | 2,400 |
| Ending Stocks | 1,400 | 1,275 | 1,257 | 1,252 | 1,252 | 1,260 | 1,272 | 1,286 | 1,299 | 1,312 | 1,324 |
| Domestic Use | 9,924 | 9,903 | 9,975 | 10,028 | 10,097 | 10,182 | 10,291 | 10,400 | 10,487 | 10,560 | 10,646 |
| Net Trade | 1,100 | 1,270 | 1,237 | 1,221 | 1,013 | 990 | 993 | 1,002 | 1,039 | 1,095 | 1,135 |

## European Union-15 Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,123 | 4,209 | 4,225 | 4,212 | 4,203 | 4,213 | 4,211 | 4,208 | 4,203 | 4,198 | 4,195 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 8.24 | 8.70 | 8.73 | 8.78 | 8.83 | 8.87 | 8.91 | 8.95 | 8.98 | 9.02 | 9.06 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 33,986 | 36,627 | 36,894 | 36,993 | 37,127 | 37,384 | 37,529 | 37,648 | 37,762 | 37,875 | 37,999 |
| Beginning Stocks | 5,127 | 6,640 | 6,678 | 6,701 | 6,702 | 6,705 | 6,722 | 6,738 | 6,757 | 6,775 | 6,791 |
| Domestic Supply | 39,113 | 43,267 | 43,572 | 43,695 | 43,829 | 44,089 | 44,250 | 44,386 | 44,519 | 44,650 | 44,790 |
| Feed Use | 34,300 | 35,170 | 35,463 | 35,610 | 35,642 | 35,716 | 35,778 | 35,838 | 35,906 | 35,990 | 36,067 |
| Food and Other | 4,543 | 5,350 | 5,403 | 5,398 | 5,408 | 5,452 | 5,492 | 5,540 | 5,581 | 5,617 | 5,655 |
| Ending Stocks | 6,640 | 6,678 | 6,701 | 6,702 | 6,705 | 6,722 | 6,738 | 6,757 | 6,775 | 6,791 | 6,808 |
| Domestic Use | 45,483 | 47,198 | 47,567 | 47,710 | 47,755 | 47,889 | 48,007 | 48,135 | 48,263 | 48,397 | 48,530 |
| Net Trade | -6,370 | -3,931 | -3,995 | -4,015 | -3,927 | -3,800 | -3,757 | -3,749 | -3,744 | -3,747 | -3,740 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 10,273 | 9,978 | 9,990 | 9,920 | 9,861 | 9,854 | 9,818 | 9,779 | 9,737 | 9,694 | 9,656 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.23 | 4.59 | 4.60 | 4.62 | 4.64 | 4.66 | 4.67 | 4.68 | 4.70 | 4.71 | 4.73 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 43,500 | 45,802 | 45,940 | 45,805 | 45,758 | 45,885 | 45,865 | 45,809 | 45,744 | 45,684 | 45,644 |
| Beginning Stocks | 10,502 | 8,610 | 8,681 | 8,826 | 8,828 | 8,815 | 8,881 | 8,950 | 9,030 | 9,106 | 9,170 |
| Domestic Supply | 54,002 | 54,412 | 54,622 | 54,631 | 54,586 | 54,700 | 54,746 | 54,759 | 54,774 | 54,790 | 54,814 |
| Feed Use | 33,100 | 32,767 | 32,869 | 33,008 | 32,890 | 32,753 | 32,621 | 32,471 | 32,338 | 32,230 | 32,109 |
| Food and Other | 8,612 | 8,634 | 8,739 | 8,734 | 8,709 | 8,742 | 8,776 | 8,817 | 8,853 | 8,879 | 8,908 |
| Ending Stocks | 8,610 | 8,681 | 8,826 | 8,828 | 8,815 | 8,881 | 8,950 | 9,030 | 9,106 | 9,170 | 9,240 |
| Domestic Use | 50,322 | 50,082 | 50,435 | 50,571 | 50,414 | 50,376 | 50,347 | 50,319 | 50,297 | 50,280 | 50,257 |
| Net Trade | 3,680 | 4,330 | 4,187 | 4,060 | 4,172 | 4,324 | 4,399 | 4,440 | 4,478 | 4,509 | 4,557 |

## European Union Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,945 | 5,991 | 6,019 | 6,000 | 5,981 | 5,998 | 6,006 | 6,011 | 6,016 | 6,021 | 6,027 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 7.88 | 8.15 | 8.18 | 8.23 | 8.28 | 8.32 | 8.36 | 8.39 | 8.43 | 8.46 | 8.50 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 46,832 | 48,855 | 49,256 | 49,393 | 49,535 | 49,910 | 50,191 | 50,434 | 50,682 | 50,940 | 51,203 |
| Beginning Stocks | 8,770 | 8,670 | 8,345 | 8,304 | 8,291 | 8,296 | 8,329 | 8,365 | 8,406 | 8,445 | 8,479 |
| Domestic Supply | 55,602 | 57,525 | 57,602 | 57,697 | 57,826 | 58,206 | 58,520 | 58,798 | 59,088 | 59,385 | 59,683 |
| Feed Use | 41,080 | 42,227 | 42,655 | 42,889 | 43,037 | 43,230 | 43,437 | 43,640 | 43,827 | 44,015 | 44,215 |
| Food and Other | 6,762 | 7,632 | 7,702 | 7,698 | 7,711 | 7,763 | 7,811 | 7,869 | 7,919 | 7,960 | 8,006 |
| Ending Stocks | 8,670 | 8,345 | 8,304 | 8,291 | 8,296 | 8,329 | 8,365 | 8,406 | 8,445 | 8,479 | 8,516 |
| Domestic Use | 56,512 | 58,204 | 58,662 | 58,878 | 59,044 | 59,323 | 59,613 | 59,914 | 60,191 | 60,455 | 60,736 |
| Net Trade | -910 | -679 | -1,060 | -1,182 | -1,218 | -1,117 | -1,093 | -1,116 | -1,103 | -1,070 | -1,054 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 13,142 | 12,918 | 12,958 | 12,875 | 12,749 | 12,735 | 12,705 | 12,672 | 12,637 | 12,603 | 12,573 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.01 | 4.30 | 4.31 | 4.33 | 4.36 | 4.38 | 4.40 | 4.41 | 4.43 | 4.45 | 4.46 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 52,690 | 55,575 | 55,877 | 55,797 | 55,615 | 55,806 | 55,890 | 55,939 | 55,984 | 56,040 | 56,114 |
| Beginning Stocks | 12,336 | 10,010 | 9,957 | 10,083 | 10,081 | 10,067 | 10,141 | 10,222 | 10,316 | 10,405 | 10,482 |
| Domestic Supply | 65,026 | 65,585 | 65,833 | 65,879 | 65,696 | 65,872 | 66,031 | 66,160 | 66,300 | 66,445 | 66,595 |
| Feed Use | 39,290 | 39,052 | 39,219 | 39,414 | 39,373 | 39,309 | 39,268 | 39,203 | 39,136 | 39,084 | 39,031 |
| Food and Other | 10,946 | 10,976 | 11,108 | 11,103 | 11,071 | 11,109 | 11,149 | 11,199 | 11,243 | 11,275 | 11,308 |
| Ending Stocks | 10,010 | 9,957 | 10,083 | 10,081 | 10,067 | 10,141 | 10,222 | 10,316 | 10,405 | 10,482 | 10,564 |
| Domestic Use | 60,246 | 59,985 | 60,410 | 60,598 | 60,510 | 60,558 | 60,639 | 60,719 | 60,783 | 60,840 | 60,903 |
| Net Trade | 4,780 | 5,600 | 5,424 | 5,281 | 5,185 | 5,314 | 5,393 | 5,442 | 5,517 | 5,604 | 5,692 |

## Indian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,200 | 7,131 | 7,178 | 7,203 | 7,232 | 7,232 | 7,230 | 7,221 | 7,211 | 7,218 | 7,229 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.88 | 1.90 | 1.92 | 1.94 | 1.96 | 1.98 | 2.00 | 2.02 | 2.04 | 2.06 | 2.09 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 13,500 | 13,520 | 13,761 | 13,961 | 14,169 | 14,320 | 14,468 | 14,602 | 14,734 | 14,900 | 15,075 |
| Beginning Stocks | 276 | 276 | 256 | 245 | 240 | 237 | 238 | 244 | 254 | 263 | 273 |
| Domestic Supply | 13,776 | 13,796 | 14,017 | 14,206 | 14,410 | 14,557 | 14,705 | 14,845 | 14,987 | 15,163 | 15,348 |
| Feed Use | 6,100 | 6,171 | 6,219 | 6,296 | 6,406 | 6,520 | 6,657 | 6,806 | 6,958 | 7,136 | 7,326 |
| Food and Other | 7,300 | 7,191 | 7,188 | 7,171 | 7,247 | 7,323 | 7,386 | 7,451 | 7,514 | 7,573 | 7,621 |
| Ending Stocks | 276 | 256 | 245 | 240 | 237 | 238 | 244 | 254 | 263 | 273 | 281 |
| Domestic Use | 13,676 | 13,618 | 13,651 | 13,707 | 13,891 | 14,080 | 14,287 | 14,511 | 14,735 | 14,982 | 15,228 |
| Net Trade | 100 | 178 | 365 | 499 | 519 | 477 | 419 | 335 | 252 | 181 | 120 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 9,300 | 9,137 | 9,335 | 9,376 | 9,373 | 9,363 | 9,355 | 9,327 | 9,291 | 9,265 | 9,244 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.81 | 0.81 | 0.82 | 0.83 | 0.84 | 0.84 | 0.85 | 0.86 | 0.87 | 0.87 | 0.88 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,500 | 7,438 | 7,670 | 7,775 | 7,844 | 7,906 | 7,970 | 8,018 | 8,057 | 8,105 | 8,156 |
| Beginning Stocks | 116 | 191 | 213 | 220 | 223 | 224 | 224 | 225 | 227 | 228 | 229 |
| Domestic Supply | 7,616 | 7,629 | 7,883 | 7,994 | 8,066 | 8,130 | 8,195 | 8,243 | 8,283 | 8,333 | 8,385 |
| Feed Use | 1,100 | 1,082 | 1,090 | 1,111 | 1,143 | 1,175 | 1,209 | 1,247 | 1,284 | 1,324 | 1,364 |
| Food and Other | 6,300 | 6,331 | 6,559 | 6,646 | 6,689 | 6,719 | 6,739 | 6,739 | 6,737 | 6,739 | 6,752 |
| Ending Stocks | 191 | 213 | 220 | 223 | 224 | 224 | 225 | 227 | 228 | 229 | 230 |
| Domestic Use | 7,591 | 7,626 | 7,869 | 7,980 | 8,056 | 8,119 | 8,173 | 8,213 | 8,249 | 8,292 | 8,346 |
| Net Trade | 25 | 3 | 14 | 14 | 10 | 11 | 21 | 30 | 34 | 41 | 39 |

## Indonesian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 3,300 | 3,329 | 3,340 | 3,345 | 3,352 | 3,363 | 3,368 | 3,365 | 3,351 | 3,339 | 3,325 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.00 | 2.02 | 2.03 | 2.05 | 2.06 | 2.08 | 2.10 | 2.11 | 2.13 | 2.14 | 2.16 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,600 | 6,710 | 6,786 | 6,849 | 6,916 | 6,993 | 7,058 | 7,104 | 7,129 | 7,155 | 7,180 |
| Beginning Stocks | 729 | 679 | 661 | 667 | 675 | 678 | 681 | 688 | 696 | 704 | 713 |
| Domestic Supply | 7,329 | 7,389 | 7,447 | 7,516 | 7,591 | 7,671 | 7,739 | 7,791 | 7,826 | 7,860 | 7,892 |
| Feed Use | 3,200 | 3,145 | 3,233 | 3,331 | 3,426 | 3,512 | 3,599 | 3,689 | 3,771 | 3,851 | 3,928 |
| Food and Other | 4,000 | 3,988 | 4,021 | 4,060 | 4,103 | 4,149 | 4,199 | 4,255 | 4,308 | 4,360 | 4,408 |
| Ending Stocks | 679 | 661 | 667 | 675 | 678 | 681 | 688 | 696 | 704 | 713 | 721 |
| Domestic Use | 7,879 | 7,793 | 7,921 | 8,066 | 8,207 | 8,342 | 8,486 | 8,639 | 8,784 | 8,924 | 9,057 |
| Net Trade | -550 | -404 | -474 | -550 | -616 | -671 | -747 | -848 | -959 | -1,065 | -1,164 |

## Israeli Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 103 | 103 | 99 | 98 | 96 | 95 | 94 | 94 | 95 | 96 | 96 |
| Domestic Supply | 103 | 103 | 99 | 98 | 96 | 95 | 94 | 94 | 95 | 96 | 96 |
| Feed Use | 700 | 904 | 894 | 887 | 882 | 881 | 882 | 887 | 891 | 895 | 899 |
| Food and Other | 100 | 99 | 99 | 99 | 100 | 101 | 102 | 104 | 105 | 107 | 109 |
| Ending Stocks | 103 | 99 | 98 | 96 | 95 | 94 | 94 | 95 | 96 | 96 | 97 |
| Domestic Use | 903 | 1,103 | 1,091 | 1,082 | 1,077 | 1,076 | 1,079 | 1,085 | 1,092 | 1,098 | 1,105 |
| Net Trade | -800 | -1,000 | -991 | -985 | -981 | -981 | -984 | -991 | -997 | -1,003 | -1,009 |
| **Sorghum** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feed Use | 45 | 40 | 39 | 39 | 39 | 38 | 38 | 39 | 39 | 40 | 40 |
| Food and Other | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Ending Stocks | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 50 | 46 | 45 | 45 | 44 | 44 | 44 | 44 | 45 | 45 | 46 |
| Net Trade | -50 | -46 | -44 | -44 | -43 | -43 | -43 | -44 | -44 | -45 | -45 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.00 | 2.00 | 2.01 | 2.01 | 2.01 | 2.02 | 2.02 | 2.02 | 2.02 | 2.03 | 2.03 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Beginning Stocks | 80 | 52 | 49 | 49 | 49 | 49 | 48 | 47 | 47 | 47 | 47 |
| Domestic Supply | 82 | 54 | 51 | 51 | 51 | 51 | 50 | 49 | 49 | 49 | 49 |
| Feed Use | 470 | 464 | 468 | 469 | 468 | 466 | 464 | 462 | 460 | 458 | 455 |
| Food and Other | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 |
| Ending Stocks | 52 | 49 | 49 | 49 | 49 | 48 | 47 | 47 | 47 | 47 | 47 |
| Domestic Use | 532 | 524 | 527 | 528 | 527 | 525 | 522 | 520 | 518 | 515 | 513 |
| Net Trade | -450 | -470 | -476 | -477 | -476 | -474 | -472 | -470 | -468 | -466 | -464 |

## Japanese Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Beginning Stocks | 1,125 | 1,026 | 964 | 992 | 1,009 | 1,015 | 1,025 | 1,038 | 1,052 | 1,063 | 1,074 |
| Domestic Supply | 1,126 | 1,027 | 965 | 993 | 1,010 | 1,016 | 1,026 | 1,039 | 1,053 | 1,064 | 1,075 |
| Feed Use | 12,100 | 12,141 | 11,931 | 11,889 | 11,898 | 11,969 | 11,992 | 11,962 | 11,958 | 11,956 | 11,986 |
| Food and Other | 4,500 | 4,453 | 4,509 | 4,501 | 4,494 | 4,498 | 4,502 | 4,503 | 4,497 | 4,491 | 4,483 |
| Ending Stocks | 1,026 | 964 | 992 | 1,009 | 1,015 | 1,025 | 1,038 | 1,052 | 1,063 | 1,074 | 1,083 |
| Domestic Use | 17,626 | 17,558 | 17,433 | 17,399 | 17,406 | 17,492 | 17,531 | 17,517 | 17,518 | 17,521 | 17,552 |
| Net Trade | -16,500 | -16,531 | -16,468 | -16,405 | -16,397 | -16,475 | -16,506 | -16,478 | -16,465 | -16,458 | -16,477 |
| **Sorghum** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 186 | 186 | 181 | 184 | 186 | 187 | 188 | 190 | 191 | 191 | 192 |
| Domestic Supply | 186 | 186 | 181 | 184 | 186 | 187 | 188 | 190 | 191 | 191 | 192 |
| Feed Use | 1,350 | 1,348 | 1,331 | 1,330 | 1,333 | 1,342 | 1,346 | 1,345 | 1,345 | 1,346 | 1,350 |
| Food and Other | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 186 | 181 | 184 | 186 | 187 | 188 | 190 | 191 | 191 | 192 | 192 |
| Domestic Use | 1,536 | 1,529 | 1,515 | 1,516 | 1,520 | 1,531 | 1,536 | 1,535 | 1,536 | 1,538 | 1,542 |
| Net Trade | -1,350 | -1,343 | -1,334 | -1,332 | -1,334 | -1,343 | -1,347 | -1,346 | -1,346 | -1,346 | -1,351 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 60 | 55 | 59 | 59 | 58 | 58 | 59 | 59 | 59 | 59 | 60 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.17 | 3.19 | 3.21 | 3.24 | 3.26 | 3.28 | 3.31 | 3.33 | 3.35 | 3.38 | 3.40 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 190 | 177 | 190 | 191 | 191 | 191 | 194 | 196 | 198 | 201 | 203 |
| Beginning Stocks | 642 | 582 | 531 | 543 | 556 | 563 | 564 | 565 | 568 | 570 | 571 |
| Domestic Supply | 832 | 759 | 721 | 734 | 747 | 754 | 758 | 762 | 766 | 770 | 774 |
| Feed Use | 1,350 | 1,348 | 1,327 | 1,325 | 1,328 | 1,336 | 1,339 | 1,336 | 1,336 | 1,337 | 1,340 |
| Food and Other | 300 | 293 | 292 | 293 | 294 | 294 | 294 | 294 | 294 | 294 | 294 |
| Ending Stocks | 582 | 531 | 543 | 556 | 563 | 564 | 565 | 568 | 570 | 571 | 570 |
| Domestic Use | 2,232 | 2,172 | 2,163 | 2,175 | 2,185 | 2,195 | 2,198 | 2,199 | 2,200 | 2,202 | 2,204 |
| Net Trade | -1,400 | -1,413 | -1,442 | -1,441 | -1,438 | -1,440 | -1,440 | -1,437 | -1,434 | -1,431 | -1,430 |

## Malaysian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 25 | 25 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.00 | 3.04 | 3.09 | 3.13 | 3.17 | 3.22 | 3.26 | 3.30 | 3.35 | 3.39 | 3.43 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 75 | 76 | 78 | 80 | 83 | 84 | 86 | 87 | 87 | 88 | 89 |
| Beginning Stocks | 255 | 280 | 284 | 285 | 284 | 283 | 284 | 287 | 291 | 295 | 299 |
| Domestic Supply | 330 | 356 | 363 | 365 | 367 | 367 | 369 | 373 | 378 | 383 | 387 |
| Feed Use | 2,400 | 2,396 | 2,382 | 2,370 | 2,362 | 2,368 | 2,384 | 2,403 | 2,419 | 2,436 | 2,453 |
| Food and Other | 150 | 154 | 160 | 166 | 173 | 180 | 188 | 196 | 205 | 213 | 222 |
| Ending Stocks | 280 | 284 | 285 | 284 | 283 | 284 | 287 | 291 | 295 | 299 | 302 |
| Domestic Use | 2,830 | 2,835 | 2,827 | 2,819 | 2,817 | 2,832 | 2,859 | 2,889 | 2,918 | 2,948 | 2,978 |
| Net Trade | -2,500 | -2,479 | -2,465 | -2,454 | -2,451 | -2,465 | -2,489 | -2,516 | -2,540 | -2,565 | -2,590 |

## Mexican Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,200 | 7,469 | 7,522 | 7,597 | 7,617 | 7,625 | 7,630 | 7,629 | 7,625 | 7,622 | 7,618 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.85 | 2.91 | 2.93 | 2.95 | 2.96 | 2.98 | 3.00 | 3.02 | 3.04 | 3.05 | 3.07 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 20,500 | 21,732 | 22,023 | 22,381 | 22,575 | 22,738 | 22,890 | 23,025 | 23,149 | 23,279 | 23,405 |
| Beginning Stocks | 4,996 | 3,791 | 3,658 | 3,632 | 3,629 | 3,626 | 3,626 | 3,631 | 3,636 | 3,643 | 3,651 |
| Domestic Supply | 25,496 | 25,523 | 25,681 | 26,013 | 26,204 | 26,364 | 26,516 | 26,656 | 26,784 | 26,922 | 27,056 |
| Feed Use | 12,900 | 12,973 | 13,208 | 14,019 | 14,608 | 15,208 | 15,822 | 16,457 | 17,112 | 17,780 | 18,466 |
| Food and Other | 15,500 | 15,595 | 15,689 | 15,809 | 15,932 | 16,054 | 16,183 | 16,311 | 16,416 | 16,521 | 16,622 |
| Ending Stocks | 3,791 | 3,658 | 3,632 | 3,629 | 3,626 | 3,626 | 3,631 | 3,636 | 3,643 | 3,651 | 3,658 |
| Domestic Use | 32,191 | 32,226 | 32,530 | 33,457 | 34,166 | 34,889 | 35,636 | 36,404 | 37,171 | 37,951 | 38,746 |
| Net Trade | -6,695 | -6,703 | -6,849 | -7,444 | -7,961 | -8,525 | -9,120 | -9,748 | -10,387 | -11,029 | -11,690 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,700 | 1,677 | 1,692 | 1,699 | 1,703 | 1,705 | 1,705 | 1,705 | 1,704 | 1,702 | 1,701 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.53 | 3.55 | 3.57 | 3.59 | 3.61 | 3.63 | 3.65 | 3.67 | 3.69 | 3.71 | 3.73 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,000 | 5,953 | 6,039 | 6,098 | 6,148 | 6,187 | 6,224 | 6,255 | 6,286 | 6,315 | 6,343 |
| Beginning Stocks | 665 | 565 | 545 | 540 | 539 | 539 | 540 | 543 | 545 | 550 | 553 |
| Domestic Supply | 6,665 | 6,518 | 6,584 | 6,638 | 6,686 | 6,726 | 6,764 | 6,798 | 6,832 | 6,864 | 6,897 |
| Feed Use | 9,500 | 9,347 | 9,284 | 9,106 | 9,116 | 9,203 | 9,318 | 9,433 | 9,559 | 9,678 | 9,791 |
| Food and Other | 100 | 101 | 102 | 104 | 105 | 106 | 107 | 108 | 109 | 111 | 112 |
| Ending Stocks | 565 | 545 | 540 | 539 | 539 | 540 | 543 | 545 | 550 | 553 | 556 |
| Domestic Use | 10,165 | 9,993 | 9,926 | 9,748 | 9,760 | 9,849 | 9,968 | 10,086 | 10,218 | 10,342 | 10,459 |
| Net Trade | -3,500 | -3,475 | -3,342 | -3,110 | -3,073 | -3,123 | -3,204 | -3,288 | -3,386 | -3,478 | -3,562 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 350 | 350 | 351 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.57 | 2.61 | 2.64 | 2.67 | 2.71 | 2.74 | 2.77 | 2.81 | 2.84 | 2.87 | 2.91 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 900 | 913 | 925 | 936 | 948 | 960 | 971 | 983 | 995 | 1,007 | 1,019 |
| Beginning Stocks | 196 | 221 | 228 | 231 | 232 | 232 | 232 | 232 | 231 | 231 | 231 |
| Domestic Supply | 1,096 | 1,134 | 1,153 | 1,168 | 1,180 | 1,192 | 1,204 | 1,215 | 1,227 | 1,239 | 1,251 |
| Feed Use | 200 | 198 | 199 | 201 | 204 | 208 | 211 | 214 | 218 | 222 | 225 |
| Food and Other | 750 | 767 | 788 | 809 | 829 | 849 | 869 | 890 | 912 | 936 | 960 |
| Ending Stocks | 221 | 228 | 231 | 232 | 232 | 232 | 232 | 231 | 231 | 231 | 231 |
| Domestic Use | 1,171 | 1,193 | 1,219 | 1,242 | 1,265 | 1,289 | 1,312 | 1,336 | 1,362 | 1,389 | 1,416 |
| Net Trade | -75 | -60 | -65 | -74 | -85 | -97 | -108 | -121 | -135 | -150 | -166 |

## Nigerian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,400 | 7,292 | 7,366 | 7,359 | 7,386 | 7,419 | 7,447 | 7,470 | 7,487 | 7,508 | 7,529 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.42 | 1.44 | 1.46 | 1.47 | 1.49 | 1.51 | 1.53 | 1.55 | 1.57 | 1.58 | 1.60 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 10,500 | 10,481 | 10,723 | 10,849 | 11,026 | 11,212 | 11,392 | 11,563 | 11,728 | 11,899 | 12,072 |
| Beginning Stocks | 200 | 200 | 198 | 201 | 203 | 205 | 206 | 208 | 210 | 212 | 214 |
| Domestic Supply | 10,700 | 10,681 | 10,922 | 11,051 | 11,229 | 11,416 | 11,598 | 11,771 | 11,938 | 12,111 | 12,286 |
| Feed Use | 150 | 148 | 149 | 150 | 151 | 152 | 152 | 152 | 152 | 152 | 152 |
| Food and Other | 10,300 | 10,284 | 10,521 | 10,647 | 10,823 | 11,008 | 11,188 | 11,359 | 11,523 | 11,695 | 11,868 |
| Ending Stocks | 200 | 198 | 201 | 203 | 205 | 206 | 208 | 210 | 212 | 214 | 216 |
| Domestic Use | 10,650 | 10,631 | 10,872 | 11,001 | 11,179 | 11,366 | 11,548 | 11,721 | 11,888 | 12,061 | 12,236 |
| Net Trade | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |

## Other African Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 21,864 | 21,667 | 21,681 | 21,687 | 21,738 | 21,731 | 21,711 | 21,681 | 21,645 | 21,612 | 21,580 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.30 | 1.33 | 1.34 | 1.35 | 1.36 | 1.37 | 1.38 | 1.39 | 1.40 | 1.41 | 1.42 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 28,323 | 28,720 | 28,968 | 29,205 | 29,504 | 29,724 | 29,927 | 30,115 | 30,294 | 30,477 | 30,660 |
| Beginning Stocks | 1,616 | 1,612 | 1,605 | 1,605 | 1,605 | 1,608 | 1,613 | 1,620 | 1,628 | 1,635 | 1,641 |
| Domestic Supply | 29,939 | 30,332 | 30,573 | 30,810 | 31,109 | 31,332 | 31,540 | 31,735 | 31,921 | 32,111 | 32,301 |
| Feed Use | 3,750 | 3,751 | 3,744 | 3,742 | 3,743 | 3,748 | 3,755 | 3,763 | 3,770 | 3,776 | 3,783 |
| Food and Other | 27,917 | 28,436 | 29,051 | 29,579 | 30,134 | 30,756 | 31,410 | 32,071 | 32,733 | 33,400 | 34,069 |
| Ending Stocks | 1,612 | 1,605 | 1,605 | 1,605 | 1,608 | 1,613 | 1,620 | 1,628 | 1,635 | 1,641 | 1,648 |
| Domestic Use | 33,279 | 33,792 | 34,401 | 34,926 | 35,485 | 36,117 | 36,785 | 37,462 | 38,137 | 38,818 | 39,500 |
| Net Trade | -3,340 | -3,460 | -3,828 | -4,116 | -4,375 | -4,785 | -5,245 | -5,727 | -6,216 | -6,706 | -7,198 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,290 | 4,232 | 4,318 | 4,301 | 4,296 | 4,293 | 4,293 | 4,294 | 4,294 | 4,294 | 4,294 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.80 | 1.01 | 1.01 | 1.02 | 1.03 | 1.03 | 1.04 | 1.05 | 1.05 | 1.06 | 1.07 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,412 | 4,261 | 4,376 | 4,387 | 4,409 | 4,434 | 4,462 | 4,491 | 4,519 | 4,547 | 4,576 |
| Beginning Stocks | 1,575 | 527 | 516 | 525 | 526 | 528 | 529 | 530 | 532 | 534 | 535 |
| Domestic Supply | 4,987 | 4,788 | 4,892 | 4,912 | 4,935 | 4,962 | 4,991 | 5,022 | 5,051 | 5,081 | 5,111 |
| Feed Use | 3,070 | 3,065 | 3,069 | 3,071 | 3,072 | 3,072 | 3,072 | 3,072 | 3,072 | 3,072 | 3,072 |
| Food and Other | 2,710 | 2,782 | 2,972 | 3,024 | 3,077 | 3,175 | 3,278 | 3,383 | 3,493 | 3,604 | 3,716 |
| Ending Stocks | 527 | 516 | 525 | 526 | 528 | 529 | 530 | 532 | 534 | 535 | 536 |
| Domestic Use | 6,307 | 6,363 | 6,566 | 6,621 | 6,677 | 6,776 | 6,880 | 6,987 | 7,099 | 7,211 | 7,325 |
| Net Trade | -1,320 | -1,575 | -1,675 | -1,709 | -1,741 | -1,815 | -1,889 | -1,965 | -2,047 | -2,130 | -2,214 |

## Other Asian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,915 | 1,907 | 1,897 | 1,906 | 1,915 | 1,918 | 1,919 | 1,916 | 1,912 | 1,910 | 1,906 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.40 | 2.41 | 2.42 | 2.43 | 2.44 | 2.45 | 2.46 | 2.47 | 2.48 | 2.49 | 2.50 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,600 | 4,600 | 4,593 | 4,634 | 4,674 | 4,699 | 4,720 | 4,732 | 4,741 | 4,752 | 4,762 |
| Beginning Stocks | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| Domestic Supply | 4,646 | 4,646 | 4,639 | 4,680 | 4,720 | 4,745 | 4,766 | 4,778 | 4,787 | 4,798 | 4,808 |
| Feed Use | 840 | 839 | 838 | 837 | 837 | 837 | 838 | 838 | 838 | 839 | 839 |
| Food and Other | 4,030 | 4,078 | 4,117 | 4,163 | 4,220 | 4,285 | 4,358 | 4,433 | 4,508 | 4,584 | 4,659 |
| Ending Stocks | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| Domestic Use | 4,916 | 4,963 | 5,001 | 5,046 | 5,103 | 5,168 | 5,241 | 5,317 | 5,392 | 5,469 | 5,544 |
| Net Trade | -270 | -317 | -363 | -366 | -383 | -423 | -476 | -540 | -606 | -671 | -736 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,152 | 1,173 | 1,202 | 1,200 | 1,199 | 1,200 | 1,206 | 1,212 | 1,217 | 1,223 | 1,228 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.88 | 1.89 | 1.89 | 1.90 | 1.90 | 1.90 | 1.91 | 1.91 | 1.92 | 1.92 | 1.92 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,170 | 2,214 | 2,274 | 2,275 | 2,279 | 2,284 | 2,300 | 2,317 | 2,332 | 2,347 | 2,362 |
| Beginning Stocks | 44 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Domestic Supply | 2,214 | 2,238 | 2,297 | 2,298 | 2,302 | 2,308 | 2,323 | 2,340 | 2,355 | 2,370 | 2,385 |
| Feed Use | 180 | 174 | 175 | 175 | 175 | 174 | 173 | 172 | 172 | 171 | 170 |
| Food and Other | 2,110 | 2,089 | 2,140 | 2,170 | 2,197 | 2,214 | 2,229 | 2,246 | 2,263 | 2,279 | 2,292 |
| Ending Stocks | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Domestic Use | 2,314 | 2,286 | 2,339 | 2,368 | 2,395 | 2,411 | 2,425 | 2,442 | 2,457 | 2,473 | 2,485 |
| Net Trade | -100 | -48 | -42 | -70 | -93 | -104 | -102 | -101 | -103 | -103 | -100 |

## Other Eastern European Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,030 | 3,985 | 4,023 | 4,068 | 4,082 | 4,084 | 4,085 | 4,083 | 4,079 | 4,076 | 4,074 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.37 | 3.79 | 3.81 | 3.83 | 3.85 | 3.87 | 3.89 | 3.91 | 3.93 | 3.95 | 3.97 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 13,600 | 15,121 | 15,346 | 15,600 | 15,736 | 15,825 | 15,907 | 15,981 | 16,049 | 16,120 | 16,191 |
| Beginning Stocks | 3,083 | 1,948 | 1,944 | 1,942 | 1,941 | 1,940 | 1,941 | 1,943 | 1,945 | 1,947 | 1,949 |
| Domestic Supply | 16,683 | 17,069 | 17,290 | 17,542 | 17,677 | 17,766 | 17,848 | 17,924 | 17,994 | 18,067 | 18,140 |
| Feed Use | 10,790 | 10,919 | 11,161 | 11,299 | 11,375 | 11,408 | 11,436 | 11,453 | 11,520 | 11,542 | 11,576 |
| Food and Other | 3,280 | 3,302 | 3,315 | 3,332 | 3,353 | 3,375 | 3,400 | 3,424 | 3,446 | 3,468 | 3,491 |
| Ending Stocks | 1,948 | 1,944 | 1,942 | 1,941 | 1,940 | 1,941 | 1,943 | 1,945 | 1,947 | 1,949 | 1,951 |
| Domestic Use | 16,018 | 16,165 | 16,417 | 16,572 | 16,668 | 16,725 | 16,779 | 16,822 | 16,914 | 16,960 | 17,018 |
| Net Trade | 665 | 904 | 872 | 970 | 1,009 | 1,041 | 1,070 | 1,102 | 1,080 | 1,107 | 1,122 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 815 | 813 | 816 | 815 | 814 | 814 | 814 | 816 | 817 | 818 | 820 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.52 | 2.74 | 2.76 | 2.78 | 2.80 | 2.82 | 2.84 | 2.86 | 2.88 | 2.90 | 2.92 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,050 | 2,224 | 2,249 | 2,263 | 2,277 | 2,292 | 2,311 | 2,331 | 2,351 | 2,372 | 2,392 |
| Beginning Stocks | 443 | 373 | 343 | 332 | 328 | 326 | 325 | 325 | 325 | 325 | 324 |
| Domestic Supply | 2,493 | 2,597 | 2,593 | 2,595 | 2,605 | 2,619 | 2,636 | 2,656 | 2,676 | 2,696 | 2,717 |
| Feed Use | 1,125 | 1,103 | 1,124 | 1,139 | 1,147 | 1,151 | 1,155 | 1,158 | 1,167 | 1,170 | 1,175 |
| Food and Other | 710 | 680 | 662 | 652 | 646 | 644 | 644 | 645 | 647 | 649 | 652 |
| Ending Stocks | 373 | 343 | 332 | 328 | 326 | 325 | 325 | 325 | 325 | 324 | 324 |
| Domestic Use | 2,208 | 2,127 | 2,118 | 2,119 | 2,120 | 2,121 | 2,124 | 2,128 | 2,138 | 2,144 | 2,151 |
| Net Trade | 285 | 471 | 475 | 476 | 485 | 498 | 512 | 528 | 538 | 552 | 566 |

Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.

## Other CIS Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 893 | 919 | 933 | 939 | 942 | 942 | 942 | 942 | 941 | 940 | 940 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.08 | 3.09 | 3.10 | 3.11 | 3.12 | 3.13 | 3.14 | 3.15 | 3.16 | 3.17 | 3.18 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,750 | 2,840 | 2,893 | 2,920 | 2,937 | 2,949 | 2,958 | 2,965 | 2,972 | 2,979 | 2,986 |
| Beginning Stocks | 611 | 566 | 554 | 552 | 553 | 555 | 557 | 560 | 564 | 567 | 570 |
| Domestic Supply | 3,361 | 3,406 | 3,446 | 3,472 | 3,490 | 3,504 | 3,515 | 3,526 | 3,536 | 3,546 | 3,555 |
| Feed Use | 2,585 | 2,589 | 2,609 | 2,651 | 2,689 | 2,734 | 2,776 | 2,823 | 2,868 | 2,915 | 2,961 |
| Food and Other | 395 | 399 | 402 | 406 | 411 | 416 | 422 | 428 | 433 | 439 | 444 |
| Ending Stocks | 566 | 554 | 552 | 553 | 555 | 557 | 560 | 564 | 567 | 570 | 572 |
| Domestic Use | 3,546 | 3,541 | 3,563 | 3,610 | 3,655 | 3,708 | 3,759 | 3,815 | 3,868 | 3,923 | 3,978 |
| Net Trade | -185 | -135 | -116 | -139 | -165 | -205 | -244 | -289 | -332 | -378 | -423 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,830 | 2,875 | 2,913 | 2,914 | 2,911 | 2,894 | 2,894 | 2,896 | 2,898 | 2,900 | 2,901 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.53 | 1.59 | 1.61 | 1.63 | 1.65 | 1.66 | 1.68 | 1.70 | 1.72 | 1.73 | 1.75 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,320 | 4,580 | 4,693 | 4,745 | 4,791 | 4,815 | 4,867 | 4,922 | 4,976 | 5,030 | 5,085 |
| Beginning Stocks | 1,074 | 640 | 460 | 395 | 374 | 369 | 369 | 371 | 374 | 378 | 381 |
| Domestic Supply | 5,394 | 5,220 | 5,153 | 5,140 | 5,165 | 5,183 | 5,236 | 5,293 | 5,350 | 5,408 | 5,466 |
| Feed Use | 3,709 | 3,682 | 3,692 | 3,713 | 3,720 | 3,729 | 3,730 | 3,736 | 3,737 | 3,739 | 3,737 |
| Food and Other | 985 | 1,008 | 1,018 | 1,023 | 1,029 | 1,033 | 1,037 | 1,042 | 1,047 | 1,052 | 1,056 |
| Ending Stocks | 640 | 460 | 395 | 374 | 369 | 369 | 371 | 374 | 378 | 381 | 384 |
| Domestic Use | 5,334 | 5,150 | 5,105 | 5,111 | 5,117 | 5,131 | 5,138 | 5,152 | 5,162 | 5,172 | 5,178 |
| Net Trade | 60 | 70 | 48 | 29 | 48 | 53 | 98 | 141 | 189 | 236 | 288 |

Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.

## Other Latin American Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,811 | 4,799 | 4,795 | 4,800 | 4,803 | 4,803 | 4,796 | 4,782 | 4,764 | 4,745 | 4,726 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.23 | 2.26 | 2.28 | 2.31 | 2.33 | 2.36 | 2.38 | 2.41 | 2.43 | 2.46 | 2.48 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 10,748 | 10,839 | 10,950 | 11,079 | 11,205 | 11,323 | 11,425 | 11,511 | 11,585 | 11,656 | 11,725 |
| Beginning Stocks | 2,252 | 2,080 | 2,044 | 2,038 | 2,040 | 2,044 | 2,050 | 2,058 | 2,066 | 2,073 | 2,081 |
| Domestic Supply | 13,000 | 12,919 | 12,994 | 13,117 | 13,246 | 13,367 | 13,475 | 13,569 | 13,651 | 13,730 | 13,806 |
| Feed Use | 12,755 | 12,698 | 12,712 | 12,728 | 12,763 | 12,803 | 12,853 | 12,906 | 12,953 | 13,002 | 13,047 |
| Food and Other | 7,200 | 7,325 | 7,413 | 7,504 | 7,604 | 7,712 | 7,823 | 7,938 | 8,054 | 8,171 | 8,287 |
| Ending Stocks | 2,080 | 2,044 | 2,038 | 2,040 | 2,044 | 2,050 | 2,058 | 2,066 | 2,073 | 2,081 | 2,088 |
| Domestic Use | 22,035 | 22,067 | 22,164 | 22,273 | 22,411 | 22,565 | 22,734 | 22,910 | 23,081 | 23,253 | 23,422 |
| Net Trade | -9,035 | -9,147 | -9,170 | -9,155 | -9,165 | -9,198 | -9,259 | -9,341 | -9,430 | -9,524 | -9,616 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 430 | 423 | 425 | 421 | 417 | 415 | 413 | 412 | 410 | 409 | 407 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.59 | 1.60 | 1.60 | 1.60 | 1.60 | 1.61 | 1.61 | 1.61 | 1.61 | 1.62 | 1.62 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 685 | 674 | 679 | 673 | 669 | 666 | 664 | 663 | 662 | 660 | 659 |
| Beginning Stocks | 125 | 65 | 46 | 41 | 41 | 42 | 42 | 43 | 44 | 45 | 45 |
| Domestic Supply | 810 | 739 | 725 | 715 | 710 | 707 | 706 | 706 | 705 | 705 | 704 |
| Feed Use | 108 | 107 | 107 | 108 | 109 | 109 | 109 | 110 | 110 | 110 | 111 |
| Food and Other | 992 | 993 | 1,021 | 1,042 | 1,062 | 1,081 | 1,100 | 1,119 | 1,139 | 1,158 | 1,178 |
| Ending Stocks | 65 | 46 | 41 | 41 | 42 | 42 | 43 | 44 | 45 | 45 | 46 |
| Domestic Use | 1,165 | 1,145 | 1,169 | 1,192 | 1,213 | 1,233 | 1,252 | 1,273 | 1,294 | 1,314 | 1,335 |
| Net Trade | -355 | -406 | -445 | -477 | -503 | -525 | -546 | -567 | -588 | -610 | -630 |

## Other Middle Eastern Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,071 | 1,066 | 1,071 | 1,074 | 1,076 | 1,079 | 1,081 | 1,082 | 1,083 | 1,085 | 1,086 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.14 | 4.17 | 4.21 | 4.25 | 4.28 | 4.32 | 4.36 | 4.39 | 4.43 | 4.46 | 4.50 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,432 | 4,448 | 4,508 | 4,560 | 4,611 | 4,661 | 4,708 | 4,753 | 4,797 | 4,842 | 4,887 |
| Beginning Stocks | 1,680 | 1,356 | 1,353 | 1,353 | 1,354 | 1,355 | 1,357 | 1,360 | 1,364 | 1,367 | 1,370 |
| Domestic Supply | 6,112 | 5,804 | 5,861 | 5,913 | 5,965 | 6,016 | 6,066 | 6,114 | 6,161 | 6,209 | 6,257 |
| Feed Use | 9,126 | 9,100 | 9,069 | 9,049 | 9,046 | 9,053 | 9,070 | 9,089 | 9,106 | 9,124 | 9,140 |
| Food and Other | 1,630 | 1,641 | 1,661 | 1,682 | 1,708 | 1,735 | 1,763 | 1,792 | 1,820 | 1,847 | 1,874 |
| Ending Stocks | 1,356 | 1,353 | 1,353 | 1,354 | 1,355 | 1,357 | 1,360 | 1,364 | 1,367 | 1,370 | 1,373 |
| Domestic Use | 12,112 | 12,095 | 12,083 | 12,085 | 12,109 | 12,146 | 12,194 | 12,245 | 12,293 | 12,342 | 12,388 |
| Net Trade | -6,000 | -6,291 | -6,222 | -6,172 | -6,144 | -6,130 | -6,128 | -6,131 | -6,132 | -6,132 | -6,131 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,223 | 7,252 | 7,275 | 7,252 | 7,243 | 7,240 | 7,241 | 7,245 | 7,247 | 7,250 | 7,253 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.56 | 1.57 | 1.58 | 1.59 | 1.59 | 1.60 | 1.61 | 1.62 | 1.63 | 1.63 | 1.64 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 11,280 | 11,384 | 11,479 | 11,503 | 11,548 | 11,601 | 11,662 | 11,727 | 11,790 | 11,853 | 11,917 |
| Beginning Stocks | 1,816 | 1,341 | 1,272 | 1,286 | 1,293 | 1,296 | 1,299 | 1,302 | 1,306 | 1,309 | 1,312 |
| Domestic Supply | 13,096 | 12,725 | 12,752 | 12,789 | 12,840 | 12,897 | 12,961 | 13,029 | 13,096 | 13,163 | 13,230 |
| Feed Use | 11,375 | 11,292 | 11,343 | 11,348 | 11,349 | 11,341 | 11,331 | 11,322 | 11,312 | 11,303 | 11,293 |
| Food and Other | 2,340 | 2,354 | 2,408 | 2,451 | 2,492 | 2,531 | 2,570 | 2,609 | 2,648 | 2,687 | 2,725 |
| Ending Stocks | 1,341 | 1,272 | 1,286 | 1,293 | 1,296 | 1,299 | 1,302 | 1,306 | 1,309 | 1,312 | 1,315 |
| Domestic Use | 15,056 | 14,918 | 15,037 | 15,091 | 15,138 | 15,171 | 15,202 | 15,236 | 15,270 | 15,303 | 15,333 |
| Net Trade | -1,960 | -2,194 | -2,286 | -2,302 | -2,298 | -2,274 | -2,241 | -2,208 | -2,174 | -2,140 | -2,103 |

## Pakistani Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 900 | 868 | 871 | 876 | 879 | 879 | 877 | 873 | 870 | 867 | 863 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.44 | 1.46 | 1.47 | 1.48 | 1.49 | 1.50 | 1.51 | 1.52 | 1.53 | 1.54 | 1.55 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,300 | 1,263 | 1,277 | 1,294 | 1,308 | 1,317 | 1,324 | 1,328 | 1,332 | 1,337 | 1,341 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 1,300 | 1,263 | 1,277 | 1,294 | 1,308 | 1,317 | 1,324 | 1,328 | 1,332 | 1,337 | 1,341 |
| Feed Use | 465 | 426 | 432 | 440 | 438 | 429 | 415 | 397 | 379 | 361 | 343 |
| Food and Other | 835 | 838 | 845 | 854 | 870 | 888 | 909 | 932 | 954 | 976 | 998 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 1,300 | 1,263 | 1,277 | 1,294 | 1,308 | 1,317 | 1,324 | 1,328 | 1,332 | 1,337 | 1,341 |
| Net Trade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 400 | 391 | 392 | 392 | 390 | 389 | 387 | 386 | 385 | 385 | 385 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.58 | 0.58 | 0.59 | 0.59 | 0.60 | 0.60 | 0.61 | 0.61 | 0.62 | 0.62 | 0.63 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 230 | 227 | 230 | 232 | 233 | 234 | 235 | 236 | 238 | 239 | 241 |
| Beginning Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Domestic Supply | 231 | 228 | 231 | 233 | 234 | 235 | 236 | 237 | 239 | 240 | 242 |
| Feed Use | 75 | 75 | 75 | 74 | 71 | 69 | 66 | 63 | 61 | 60 | 58 |
| Food and Other | 155 | 152 | 155 | 157 | 161 | 165 | 169 | 173 | 176 | 180 | 183 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Domestic Use | 231 | 228 | 231 | 233 | 234 | 235 | 236 | 237 | 239 | 240 | 242 |
| Net Trade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 160 | 163 | 171 | 172 | 173 | 174 | 176 | 178 | 180 | 181 | 183 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.66 | 1.68 | 1.70 | 1.72 | 1.74 | 1.76 | 1.78 | 1.80 | 1.82 | 1.84 | 1.86 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 265 | 274 | 290 | 295 | 301 | 307 | 314 | 321 | 327 | 334 | 340 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 265 | 274 | 290 | 295 | 301 | 307 | 314 | 321 | 327 | 334 | 340 |
| Feed Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Food and Other | 265 | 274 | 290 | 295 | 301 | 307 | 314 | 321 | 327 | 334 | 340 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 265 | 274 | 290 | 295 | 301 | 307 | 314 | 321 | 327 | 334 | 340 |
| Net Trade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Philippine Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,500 | 2,495 | 2,450 | 2,446 | 2,469 | 2,501 | 2,521 | 2,538 | 2,553 | 2,562 | 2,575 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.20 | 2.13 | 2.16 | 2.18 | 2.20 | 2.22 | 2.24 | 2.26 | 2.28 | 2.30 | 2.32 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 5,500 | 5,324 | 5,281 | 5,325 | 5,425 | 5,549 | 5,647 | 5,738 | 5,826 | 5,901 | 5,986 |
| Beginning Stocks | 293 | 493 | 499 | 495 | 491 | 489 | 490 | 493 | 497 | 500 | 503 |
| Domestic Supply | 5,793 | 5,817 | 5,780 | 5,819 | 5,916 | 6,038 | 6,137 | 6,231 | 6,323 | 6,401 | 6,490 |
| Feed Use | 3,800 | 3,880 | 3,860 | 3,908 | 3,983 | 4,073 | 4,139 | 4,206 | 4,310 | 4,408 | 4,508 |
| Food and Other | 1,600 | 1,558 | 1,556 | 1,556 | 1,578 | 1,604 | 1,634 | 1,667 | 1,697 | 1,725 | 1,751 |
| Ending Stocks | 493 | 499 | 495 | 491 | 489 | 490 | 493 | 497 | 500 | 503 | 506 |
| Domestic Use | 5,893 | 5,936 | 5,910 | 5,954 | 6,050 | 6,167 | 6,266 | 6,370 | 6,507 | 6,636 | 6,765 |
| Net Trade | -100 | -119 | -131 | -135 | -134 | -129 | -129 | -140 | -184 | -234 | -275 |

## Russian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 800 | 765 | 770 | 773 | 776 | 775 | 772 | 768 | 763 | 759 | 754 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.00 | 4.02 | 4.04 | 4.06 | 4.08 | 4.10 | 4.12 | 4.14 | 4.16 | 4.18 | 4.20 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,200 | 3,074 | 3,109 | 3,140 | 3,166 | 3,179 | 3,182 | 3,179 | 3,174 | 3,171 | 3,167 |
| Beginning Stocks | 215 | 165 | 163 | 164 | 164 | 165 | 167 | 169 | 171 | 173 | 175 |
| Domestic Supply | 3,415 | 3,239 | 3,272 | 3,304 | 3,330 | 3,344 | 3,349 | 3,348 | 3,345 | 3,344 | 3,342 |
| Feed Use | 2,900 | 2,804 | 2,766 | 2,769 | 2,742 | 2,718 | 2,709 | 2,725 | 2,758 | 2,786 | 2,825 |
| Food and Other | 550 | 561 | 574 | 586 | 599 | 614 | 631 | 647 | 663 | 678 | 695 |
| Ending Stocks | 165 | 163 | 164 | 164 | 165 | 167 | 169 | 171 | 173 | 175 | 177 |
| Domestic Use | 3,615 | 3,528 | 3,503 | 3,519 | 3,507 | 3,499 | 3,509 | 3,544 | 3,593 | 3,639 | 3,697 |
| Net Trade | -200 | -289 | -231 | -215 | -176 | -154 | -160 | -196 | -249 | -295 | -354 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 9,300 | 9,397 | 9,517 | 9,446 | 9,537 | 9,549 | 9,583 | 9,624 | 9,663 | 9,701 | 9,737 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.70 | 1.71 | 1.72 | 1.73 | 1.74 | 1.75 | 1.76 | 1.77 | 1.78 | 1.79 | 1.80 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 15,800 | 16,059 | 16,359 | 16,331 | 16,583 | 16,699 | 16,854 | 17,022 | 17,186 | 17,351 | 17,513 |
| Beginning Stocks | 2,163 | 1,063 | 900 | 879 | 886 | 898 | 914 | 929 | 946 | 963 | 981 |
| Domestic Supply | 17,963 | 17,122 | 17,259 | 17,209 | 17,469 | 17,598 | 17,768 | 17,951 | 18,133 | 18,314 | 18,494 |
| Feed Use | 11,300 | 10,754 | 10,549 | 10,148 | 10,017 | 10,069 | 10,176 | 10,244 | 10,287 | 10,313 | 10,374 |
| Food and Other | 4,800 | 4,731 | 4,725 | 4,712 | 4,697 | 4,672 | 4,643 | 4,614 | 4,586 | 4,557 | 4,528 |
| Ending Stocks | 1,063 | 900 | 879 | 886 | 898 | 914 | 929 | 946 | 963 | 981 | 1,000 |
| Domestic Use | 17,163 | 16,385 | 16,153 | 15,746 | 15,613 | 15,655 | 15,748 | 15,805 | 15,836 | 15,852 | 15,903 |
| Net Trade | 800 | 737 | 1,106 | 1,463 | 1,856 | 1,943 | 2,020 | 2,146 | 2,297 | 2,462 | 2,592 |

## Saudi Arabian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 2,689 | 2,679 | 2,609 | 2,616 | 2,610 | 2,603 | 2,593 | 2,585 | 2,580 | 2,575 | 2,569 |
| Domestic Supply | 2,689 | 2,679 | 2,609 | 2,616 | 2,610 | 2,603 | 2,593 | 2,585 | 2,580 | 2,575 | 2,569 |
| Feed Use | 6,000 | 5,993 | 5,994 | 6,011 | 6,020 | 6,024 | 6,035 | 6,054 | 6,071 | 6,088 | 6,103 |
| Food and Other | 10 | 6 | 7 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 3 |
| Ending Stocks | 2,679 | 2,609 | 2,616 | 2,610 | 2,603 | 2,593 | 2,585 | 2,580 | 2,575 | 2,569 | 2,563 |
| Domestic Use | 8,689 | 8,609 | 8,617 | 8,628 | 8,629 | 8,622 | 8,624 | 8,639 | 8,650 | 8,662 | 8,669 |
| Net Trade | -6,000 | -5,930 | -6,008 | -6,012 | -6,018 | -6,019 | -6,031 | -6,054 | -6,070 | -6,087 | -6,100 |

## South African Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,600 | 3,020 | 3,095 | 3,111 | 3,157 | 3,166 | 3,172 | 3,170 | 3,164 | 3,158 | 3,151 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.88 | 3.27 | 3.28 | 3.29 | 3.30 | 3.31 | 3.31 | 3.32 | 3.33 | 3.34 | 3.35 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,500 | 9,881 | 10,153 | 10,232 | 10,408 | 10,464 | 10,513 | 10,530 | 10,538 | 10,544 | 10,547 |
| Beginning Stocks | 3,572 | 1,372 | 1,052 | 979 | 939 | 917 | 906 | 910 | 921 | 934 | 948 |
| Domestic Supply | 11,072 | 11,253 | 11,205 | 11,211 | 11,348 | 11,381 | 11,419 | 11,440 | 11,458 | 11,478 | 11,495 |
| Feed Use | 4,200 | 4,285 | 4,345 | 4,424 | 4,500 | 4,569 | 4,621 | 4,687 | 4,758 | 4,859 | 4,992 |
| Food and Other | 4,700 | 4,676 | 4,633 | 4,594 | 4,569 | 4,556 | 4,557 | 4,564 | 4,574 | 4,585 | 4,598 |
| Ending Stocks | 1,372 | 1,052 | 979 | 939 | 917 | 906 | 910 | 921 | 934 | 948 | 962 |
| Domestic Use | 10,272 | 10,013 | 9,957 | 9,958 | 9,986 | 10,031 | 10,088 | 10,172 | 10,266 | 10,393 | 10,552 |
| Net Trade | 800 | 1,240 | 1,247 | 1,253 | 1,362 | 1,350 | 1,331 | 1,268 | 1,192 | 1,085 | 943 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 90 | 92 | 96 | 97 | 97 | 98 | 98 | 97 | 97 | 97 | 97 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.50 | 2.77 | 2.78 | 2.80 | 2.81 | 2.83 | 2.84 | 2.86 | 2.87 | 2.89 | 2.91 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 225 | 256 | 268 | 271 | 274 | 276 | 277 | 278 | 279 | 280 | 281 |
| Beginning Stocks | 138 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| Domestic Supply | 363 | 344 | 356 | 359 | 362 | 364 | 365 | 366 | 367 | 368 | 369 |
| Feed Use | 25 | 21 | 21 | 21 | 22 | 22 | 22 | 23 | 23 | 24 | 24 |
| Food and Other | 225 | 223 | 222 | 222 | 222 | 221 | 221 | 222 | 222 | 222 | 222 |
| Ending Stocks | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| Domestic Use | 338 | 332 | 332 | 331 | 331 | 331 | 332 | 332 | 333 | 334 | 335 |
| Net Trade | 25 | 11 | 24 | 28 | 31 | 33 | 34 | 34 | 34 | 34 | 34 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 93 | 104 | 102 | 102 | 102 | 102 | 103 | 104 | 105 | 105 | 106 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.69 | 2.48 | 2.50 | 2.51 | 2.53 | 2.54 | 2.56 | 2.57 | 2.59 | 2.60 | 2.62 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 250 | 259 | 255 | 255 | 258 | 260 | 264 | 268 | 271 | 274 | 277 |
| Beginning Stocks | 93 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 |
| Domestic Supply | 343 | 402 | 398 | 398 | 401 | 403 | 407 | 411 | 414 | 417 | 420 |
| Feed Use | 150 | 152 | 155 | 159 | 161 | 163 | 164 | 166 | 168 | 171 | 174 |
| Food and Other | 150 | 149 | 148 | 148 | 147 | 146 | 145 | 144 | 143 | 142 | 141 |
| Ending Stocks | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 | 143 |
| Domestic Use | 443 | 443 | 447 | 449 | 451 | 452 | 452 | 453 | 454 | 456 | 459 |
| Net Trade | -100 | -42 | -49 | -51 | -51 | -49 | -45 | -42 | -40 | -39 | -39 |

## South Korean Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 15 | 14 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.20 | 4.26 | 4.31 | 4.37 | 4.43 | 4.48 | 4.54 | 4.60 | 4.65 | 4.71 | 4.77 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 63 | 58 | 56 | 56 | 56 | 56 | 57 | 58 | 58 | 59 | 60 |
| Beginning Stocks | 1,517 | 1,530 | 1,509 | 1,470 | 1,428 | 1,399 | 1,383 | 1,372 | 1,366 | 1,362 | 1,363 |
| Domestic Supply | 1,580 | 1,588 | 1,565 | 1,526 | 1,484 | 1,456 | 1,440 | 1,430 | 1,424 | 1,421 | 1,423 |
| Feed Use | 6,500 | 6,548 | 6,776 | 6,966 | 7,109 | 7,220 | 7,403 | 7,624 | 7,813 | 7,936 | 8,041 |
| Food and Other | 1,950 | 1,939 | 1,905 | 1,880 | 1,877 | 1,884 | 1,883 | 1,886 | 1,890 | 1,899 | 1,909 |
| Ending Stocks | 1,530 | 1,509 | 1,470 | 1,428 | 1,399 | 1,383 | 1,372 | 1,366 | 1,362 | 1,363 | 1,366 |
| Domestic Use | 9,980 | 9,996 | 10,151 | 10,274 | 10,385 | 10,487 | 10,658 | 10,875 | 11,065 | 11,199 | 11,316 |
| Net Trade | -8,400 | -8,408 | -8,586 | -8,749 | -8,901 | -9,032 | -9,218 | -9,445 | -9,641 | -9,778 | -9,893 |

## Taiwanese Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 5.00 | 5.04 | 5.07 | 5.11 | 5.14 | 5.18 | 5.21 | 5.25 | 5.29 | 5.32 | 5.36 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 50 | 49 | 50 | 51 | 52 | 53 | 54 | 54 | 54 | 54 | 53 |
| Beginning Stocks | 1,600 | 1,630 | 1,610 | 1,608 | 1,602 | 1,597 | 1,601 | 1,620 | 1,649 | 1,683 | 1,719 |
| Domestic Supply | 1,650 | 1,679 | 1,660 | 1,658 | 1,654 | 1,651 | 1,655 | 1,674 | 1,703 | 1,736 | 1,773 |
| Feed Use | 4,400 | 4,534 | 4,746 | 4,893 | 4,878 | 4,856 | 4,906 | 5,036 | 5,146 | 5,183 | 5,224 |
| Food and Other | 220 | 216 | 218 | 218 | 219 | 220 | 224 | 228 | 233 | 237 | 241 |
| Ending Stocks | 1,630 | 1,610 | 1,608 | 1,602 | 1,597 | 1,601 | 1,620 | 1,649 | 1,683 | 1,719 | 1,756 |
| Domestic Use | 6,250 | 6,360 | 6,572 | 6,712 | 6,694 | 6,677 | 6,750 | 6,913 | 7,061 | 7,140 | 7,222 |
| Net Trade | -4,600 | -4,681 | -4,912 | -5,053 | -5,040 | -5,026 | -5,094 | -5,239 | -5,358 | -5,404 | -5,449 |
| **Barley** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feed Use | 70 | 62 | 67 | 70 | 70 | 70 | 71 | 74 | 76 | 77 | 78 |
| Food and Other | 30 | 41 | 44 | 45 | 46 | 46 | 46 | 47 | 47 | 48 | 48 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 100 | 103 | 111 | 115 | 116 | 116 | 117 | 120 | 123 | 124 | 126 |
| Net Trade | -100 | -103 | -111 | -115 | -116 | -116 | -117 | -120 | -123 | -124 | -126 |

## Thai Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,130 | 1,139 | 1,155 | 1,160 | 1,164 | 1,163 | 1,169 | 1,176 | 1,179 | 1,180 | 1,183 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.66 | 3.72 | 3.78 | 3.83 | 3.89 | 3.94 | 4.00 | 4.06 | 4.11 | 4.17 | 4.22 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,140 | 4,238 | 4,361 | 4,445 | 4,525 | 4,585 | 4,676 | 4,771 | 4,846 | 4,917 | 4,997 |
| Beginning Stocks | 214 | 154 | 145 | 144 | 145 | 146 | 149 | 153 | 158 | 164 | 167 |
| Domestic Supply | 4,354 | 4,392 | 4,506 | 4,589 | 4,670 | 4,731 | 4,825 | 4,924 | 5,004 | 5,081 | 5,164 |
| Feed Use | 3,900 | 3,914 | 4,041 | 4,122 | 4,170 | 4,222 | 4,308 | 4,403 | 4,476 | 4,555 | 4,638 |
| Food and Other | 100 | 98 | 97 | 97 | 98 | 98 | 99 | 100 | 101 | 101 | 101 |
| Ending Stocks | 154 | 145 | 144 | 145 | 146 | 149 | 153 | 158 | 164 | 167 | 170 |
| Domestic Use | 4,154 | 4,157 | 4,283 | 4,364 | 4,414 | 4,470 | 4,560 | 4,661 | 4,740 | 4,823 | 4,909 |
| Net Trade | 200 | 235 | 223 | 226 | 256 | 261 | 265 | 263 | 264 | 258 | 256 |

## Ukrainian Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,650 | 1,806 | 1,808 | 1,808 | 1,804 | 1,798 | 1,789 | 1,778 | 1,768 | 1,760 | 1,752 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 4.36 | 4.38 | 4.40 | 4.42 | 4.44 | 4.46 | 4.48 | 4.50 | 4.52 | 4.54 | 4.56 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,200 | 7,917 | 7,960 | 7,996 | 8,018 | 8,024 | 8,020 | 8,009 | 8,000 | 7,997 | 7,995 |
| Beginning Stocks | 1,325 | 1,125 | 1,379 | 1,483 | 1,529 | 1,560 | 1,588 | 1,616 | 1,643 | 1,666 | 1,688 |
| Domestic Supply | 8,525 | 9,042 | 9,339 | 9,479 | 9,547 | 9,584 | 9,608 | 9,625 | 9,642 | 9,663 | 9,682 |
| Feed Use | 4,400 | 4,187 | 4,167 | 4,178 | 4,121 | 4,113 | 4,128 | 4,153 | 4,189 | 4,236 | 4,279 |
| Food and Other | 700 | 706 | 702 | 697 | 693 | 692 | 693 | 695 | 696 | 698 | 700 |
| Ending Stocks | 1,125 | 1,379 | 1,483 | 1,529 | 1,560 | 1,588 | 1,616 | 1,643 | 1,666 | 1,688 | 1,708 |
| Domestic Use | 6,225 | 6,272 | 6,352 | 6,404 | 6,374 | 6,393 | 6,437 | 6,490 | 6,551 | 6,622 | 6,686 |
| Net Trade | 2,300 | 2,770 | 2,987 | 3,075 | 3,173 | 3,190 | 3,171 | 3,135 | 3,091 | 3,040 | 2,996 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,500 | 4,395 | 4,470 | 4,538 | 4,517 | 4,494 | 4,473 | 4,458 | 4,446 | 4,435 | 4,425 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.00 | 2.01 | 2.02 | 2.02 | 2.03 | 2.04 | 2.05 | 2.05 | 2.06 | 2.07 | 2.08 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 9,000 | 8,823 | 9,008 | 9,178 | 9,169 | 9,156 | 9,148 | 9,150 | 9,159 | 9,169 | 9,182 |
| Beginning Stocks | 1,234 | 1,014 | 857 | 876 | 926 | 975 | 1,023 | 1,067 | 1,105 | 1,138 | 1,169 |
| Domestic Supply | 10,234 | 9,837 | 9,864 | 10,054 | 10,094 | 10,131 | 10,172 | 10,217 | 10,264 | 10,308 | 10,351 |
| Feed Use | 3,800 | 3,363 | 3,337 | 3,418 | 3,459 | 3,509 | 3,563 | 3,616 | 3,676 | 3,744 | 3,806 |
| Food and Other | 1,500 | 1,385 | 1,423 | 1,458 | 1,485 | 1,509 | 1,530 | 1,548 | 1,567 | 1,585 | 1,603 |
| Ending Stocks | 1,014 | 857 | 876 | 926 | 975 | 1,023 | 1,067 | 1,105 | 1,138 | 1,169 | 1,198 |
| Domestic Use | 6,314 | 5,605 | 5,636 | 5,802 | 5,919 | 6,042 | 6,159 | 6,269 | 6,382 | 6,498 | 6,607 |
| Net Trade | 3,920 | 4,232 | 4,228 | 4,252 | 4,175 | 4,090 | 4,012 | 3,948 | 3,882 | 3,810 | 3,744 |

## Vietnamese Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 920 | 917 | 929 | 933 | 936 | 936 | 935 | 934 | 932 | 931 | 930 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.04 | 3.07 | 3.09 | 3.12 | 3.14 | 3.17 | 3.20 | 3.22 | 3.25 | 3.27 | 3.30 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,800 | 2,815 | 2,875 | 2,911 | 2,943 | 2,966 | 2,987 | 3,007 | 3,026 | 3,046 | 3,066 |
| Beginning Stocks | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 |
| Domestic Supply | 3,243 | 3,258 | 3,318 | 3,354 | 3,386 | 3,409 | 3,430 | 3,450 | 3,469 | 3,489 | 3,509 |
| Feed Use | 2,300 | 2,352 | 2,398 | 2,426 | 2,449 | 2,472 | 2,496 | 2,523 | 2,550 | 2,576 | 2,603 |
| Food and Other | 500 | 512 | 518 | 525 | 534 | 544 | 555 | 568 | 580 | 593 | 606 |
| Ending Stocks | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 | 443 |
| Domestic Use | 3,243 | 3,307 | 3,359 | 3,394 | 3,426 | 3,459 | 3,495 | 3,534 | 3,573 | 3,613 | 3,652 |
| Net Trade | 0 | -48 | -41 | -40 | -39 | -49 | -65 | -84 | -104 | -124 | -143 |

## Rest-of-World Coarse Grain Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Corn** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,655 | 2,619 | 2,648 | 2,673 | 2,692 | 2,699 | 2,699 | 2,692 | 2,681 | 2,672 | 2,662 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.93 | 2.95 | 2.97 | 2.98 | 3.00 | 3.02 | 3.04 | 3.06 | 3.08 | 3.10 | 3.12 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,773 | 7,716 | 7,854 | 7,978 | 8,086 | 8,160 | 8,211 | 8,240 | 8,259 | 8,281 | 8,299 |
| Beginning Stocks | 1,088 | 1,293 | 1,288 | 1,286 | 1,285 | 1,284 | 1,284 | 1,285 | 1,287 | 1,289 | 1,291 |
| Domestic Supply | 8,861 | 9,009 | 9,142 | 9,265 | 9,370 | 9,443 | 9,495 | 9,526 | 9,546 | 9,570 | 9,590 |
| Feed Use | 5,515 | 5,513 | 5,482 | 5,465 | 5,458 | 5,464 | 5,478 | 5,495 | 5,511 | 5,529 | 5,546 |
| Food and Other | 1,638 | 1,638 | 1,646 | 1,655 | 1,668 | 1,684 | 1,704 | 1,726 | 1,748 | 1,769 | 1,791 |
| Ending Stocks | 1,293 | 1,288 | 1,286 | 1,285 | 1,284 | 1,284 | 1,285 | 1,287 | 1,289 | 1,291 | 1,292 |
| Domestic Use | 8,446 | 8,439 | 8,414 | 8,405 | 8,410 | 8,432 | 8,467 | 8,509 | 8,548 | 8,589 | 8,629 |
| Net Trade | 415 | 570 | 728 | 860 | 960 | 1,011 | 1,028 | 1,017 | 998 | 982 | 961 |
| **Sorghum** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 17,347 | 17,466 | 17,541 | 17,558 | 17,566 | 17,571 | 17,575 | 17,572 | 17,568 | 17,570 | 17,574 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.08 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.13 | 1.14 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 18,655 | 18,294 | 18,548 | 18,741 | 18,925 | 19,106 | 19,286 | 19,459 | 19,630 | 19,808 | 19,988 |
| Beginning Stocks | 790 | 1,021 | 1,002 | 1,004 | 1,008 | 1,012 | 1,018 | 1,025 | 1,034 | 1,041 | 1,049 |
| Domestic Supply | 19,445 | 19,315 | 19,550 | 19,745 | 19,933 | 20,118 | 20,304 | 20,484 | 20,663 | 20,850 | 21,037 |
| Feed Use | 5,808 | 5,717 | 5,708 | 5,708 | 5,713 | 5,718 | 5,729 | 5,738 | 5,742 | 5,745 | 5,749 |
| Food and Other | 13,022 | 12,950 | 13,117 | 13,286 | 13,456 | 13,622 | 13,797 | 13,976 | 14,145 | 14,312 | 14,477 |
| Ending Stocks | 1,021 | 1,002 | 1,004 | 1,008 | 1,012 | 1,018 | 1,025 | 1,034 | 1,041 | 1,049 | 1,057 |
| Domestic Use | 19,851 | 19,670 | 19,829 | 20,002 | 20,181 | 20,358 | 20,550 | 20,747 | 20,928 | 21,107 | 21,282 |
| Net Trade | -406 | -355 | -279 | -257 | -248 | -240 | -247 | -264 | -265 | -257 | -245 |
| **Barley** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 460 | 464 | 470 | 468 | 468 | 469 | 470 | 471 | 472 | 473 | 474 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.82 | 3.84 | 3.86 | 3.88 | 3.91 | 3.93 | 3.95 | 3.98 | 4.00 | 4.02 | 4.04 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,755 | 1,780 | 1,815 | 1,819 | 1,830 | 1,842 | 1,857 | 1,873 | 1,888 | 1,903 | 1,918 |
| Beginning Stocks | 262 | 292 | 278 | 281 | 281 | 280 | 278 | 277 | 278 | 277 | 277 |
| Domestic Supply | 2,017 | 2,072 | 2,093 | 2,099 | 2,111 | 2,122 | 2,136 | 2,151 | 2,165 | 2,180 | 2,195 |
| Feed Use | 1,476 | 1,455 | 1,475 | 1,478 | 1,473 | 1,467 | 1,459 | 1,452 | 1,445 | 1,437 | 1,429 |
| Food and Other | 409 | 410 | 416 | 420 | 424 | 427 | 430 | 433 | 436 | 440 | 443 |
| Ending Stocks | 292 | 278 | 281 | 281 | 280 | 278 | 277 | 278 | 277 | 277 | 277 |
| Domestic Use | 2,177 | 2,142 | 2,172 | 2,179 | 2,177 | 2,172 | 2,166 | 2,162 | 2,159 | 2,155 | 2,149 |
| Net Trade | -160 | -70 | -79 | -79 | -66 | -51 | -31 | -12 | 7 | 26 | 46 |

## Per Capita Grain Consumption of Selected Countries

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Kilograms) | | | | | | |
| **Algeria** | | | | | | | | | | | |
| Corn | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Barley | 4.61 | 5.90 | 6.13 | 6.04 | 5.95 | 5.97 | 5.97 | 5.98 | 5.99 | 6.00 | 6.00 |
| **Argentina** | | | | | | | | | | | |
| Corn | 43.00 | 42.63 | 42.59 | 42.53 | 42.59 | 42.78 | 42.99 | 43.27 | 43.51 | 43.77 | 44.02 |
| Barley | 10.12 | 9.95 | 10.04 | 10.05 | 10.03 | 9.97 | 9.90 | 9.83 | 9.77 | 9.71 | 9.64 |
| Sorghum | 5.06 | 4.95 | 4.93 | 4.90 | 4.87 | 4.84 | 4.81 | 4.78 | 4.75 | 4.71 | 4.68 |
| **Australia** | | | | | | | | | | | |
| Corn | 5.48 | 5.45 | 5.42 | 5.42 | 5.43 | 5.45 | 5.48 | 5.51 | 5.55 | 5.58 | 5.61 |
| Barley | 44.80 | 43.60 | 43.49 | 43.66 | 43.84 | 43.87 | 43.81 | 43.73 | 43.68 | 43.61 | 43.51 |
| Sorghum | 0.25 | 0.24 | 0.24 | 0.24 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| **Brazil** | | | | | | | | | | | |
| Corn | 34.93 | 34.75 | 34.72 | 34.68 | 34.69 | 34.71 | 34.76 | 34.82 | 34.88 | 34.94 | 35.00 |
| Barley | 3.22 | 3.35 | 3.38 | 3.38 | 3.35 | 3.32 | 3.30 | 3.30 | 3.30 | 3.31 | 3.31 |
| **Canada** | | | | | | | | | | | |
| Corn | 76.21 | 73.40 | 74.36 | 74.06 | 73.58 | 72.89 | 73.13 | 73.46 | 73.75 | 74.05 | 74.34 |
| Barley | 48.77 | 48.78 | 49.02 | 48.88 | 48.66 | 48.42 | 48.22 | 48.10 | 47.97 | 47.86 | 47.74 |
| **China** | | | | | | | | | | | |
| Corn | 26.03 | 25.93 | 25.95 | 26.04 | 26.15 | 26.27 | 26.41 | 26.57 | 26.71 | 26.85 | 26.99 |
| Barley | 3.10 | 3.08 | 3.14 | 3.19 | 3.23 | 3.26 | 3.30 | 3.33 | 3.37 | 3.40 | 3.44 |
| **Egypt** | | | | | | | | | | | |
| Corn | 21.93 | 21.10 | 20.76 | 20.54 | 20.41 | 20.39 | 20.46 | 20.53 | 20.57 | 20.63 | 20.68 |
| **EU New Member States** | | | | | | | | | | | |
| Corn | 29.73 | 30.61 | 30.86 | 30.90 | 30.96 | 31.12 | 31.26 | 31.43 | 31.58 | 31.71 | 31.86 |
| Barley | 31.27 | 31.40 | 31.79 | 31.83 | 31.76 | 31.86 | 31.98 | 32.14 | 32.29 | 32.41 | 32.53 |
| **European Union-15** | | | | | | | | | | | |
| Corn | 11.88 | 13.97 | 14.08 | 14.05 | 14.05 | 14.15 | 14.23 | 14.34 | 14.44 | 14.52 | 14.61 |
| Barley | 22.53 | 22.54 | 22.78 | 22.73 | 22.63 | 22.69 | 22.75 | 22.83 | 22.91 | 22.96 | 23.02 |
| **India** | | | | | | | | | | | |
| Corn | 6.76 | 6.57 | 6.47 | 6.37 | 6.36 | 6.34 | 6.31 | 6.29 | 6.27 | 6.24 | 6.21 |
| Sorghum | 5.83 | 5.78 | 5.91 | 5.91 | 5.87 | 5.82 | 5.76 | 5.69 | 5.62 | 5.55 | 5.50 |
| **Indonesia** | | | | | | | | | | | |
| Corn | 16.53 | 16.25 | 16.16 | 16.09 | 16.05 | 16.03 | 16.03 | 16.05 | 16.06 | 16.08 | 16.08 |
| **Israel** | | | | | | | | | | | |
| Corn | 15.93 | 15.63 | 15.41 | 15.26 | 15.18 | 15.16 | 15.21 | 15.30 | 15.37 | 15.46 | 15.54 |
| Barley | 1.59 | 1.57 | 1.58 | 1.58 | 1.57 | 1.57 | 1.56 | 1.56 | 1.56 | 1.56 | 1.55 |
| Sorghum | 0.80 | 0.79 | 0.78 | 0.77 | 0.76 | 0.75 | 0.74 | 0.74 | 0.73 | 0.72 | 0.72 |
| **Japan** | | | | | | | | | | | |
| Corn | 35.32 | 34.94 | 35.37 | 35.32 | 35.29 | 35.36 | 35.44 | 35.52 | 35.55 | 35.61 | 35.64 |
| Barley | 2.35 | 2.29 | 2.29 | 2.30 | 2.31 | 2.31 | 2.31 | 2.32 | 2.33 | 2.33 | 2.34 |
| Sorghum | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Malaysia** | | | | | | | | | | | |
| Corn | 6.26 | 6.33 | 6.44 | 6.56 | 6.72 | 6.88 | 7.06 | 7.25 | 7.44 | 7.64 | 7.83 |
| **Mexico** | | | | | | | | | | | |
| Corn | 145.95 | 145.14 | 144.34 | 143.78 | 143.25 | 142.74 | 142.30 | 141.86 | 141.25 | 140.65 | 140.05 |
| Barley | 7.06 | 7.14 | 7.25 | 7.36 | 7.46 | 7.55 | 7.64 | 7.74 | 7.85 | 7.97 | 8.09 |
| Sorghum | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 | 0.94 |
| **Nigeria** | | | | | | | | | | | |
| Sorghum | 79.99 | 77.99 | 77.91 | 76.99 | 76.42 | 75.90 | 75.32 | 74.67 | 73.98 | 73.32 | 72.66 |

## Per Capita Grain Consumption of Selected Countries (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Kilograms) | | | | | | |
| **Other Africa** | | | | | | | | | | | |
| Corn | 37.88 | 37.67 | 37.59 | 37.38 | 37.20 | 37.09 | 37.02 | 36.95 | 36.87 | 36.79 | 36.70 |
| Barley | 3.33 | 3.34 | 3.48 | 3.46 | 3.45 | 3.48 | 3.51 | 3.54 | 3.58 | 3.61 | 3.65 |
| **Other Asia** | | | | | | | | | | | |
| Corn | 12.20 | 12.12 | 12.03 | 11.95 | 11.91 | 11.90 | 11.90 | 11.92 | 11.93 | 11.94 | 11.96 |
| Barley | 1.08 | 1.05 | 1.06 | 1.06 | 1.06 | 1.05 | 1.05 | 1.04 | 1.04 | 1.03 | 1.03 |
| **Other Eastern Europe ‡** | | | | | | | | | | | |
| Corn | 59.48 | 59.88 | 60.12 | 60.46 | 60.88 | 61.36 | 61.89 | 62.40 | 62.91 | 63.42 | 63.94 |
| Barley | 12.88 | 12.33 | 12.00 | 11.82 | 11.74 | 11.71 | 11.72 | 11.75 | 11.81 | 11.87 | 11.94 |
| **Other CIS †** | | | | | | | | | | | |
| Corn | 4.41 | 4.41 | 4.40 | 4.40 | 4.41 | 4.42 | 4.43 | 4.43 | 4.44 | 4.45 | 4.46 |
| Barley | 10.99 | 11.14 | 11.14 | 11.09 | 11.02 | 10.95 | 10.88 | 10.81 | 10.74 | 10.67 | 10.60 |
| **Other Latin America** | | | | | | | | | | | |
| Corn | 32.24 | 32.34 | 32.27 | 32.22 | 32.22 | 32.24 | 32.29 | 32.35 | 32.40 | 32.47 | 32.53 |
| Barley | 4.44 | 4.38 | 4.44 | 4.48 | 4.50 | 4.52 | 4.54 | 4.56 | 4.58 | 4.60 | 4.62 |
| **Other Middle East** | | | | | | | | | | | |
| Corn | 6.46 | 6.40 | 6.36 | 6.33 | 6.32 | 6.31 | 6.30 | 6.30 | 6.30 | 6.29 | 6.29 |
| Barley | 10.37 | 10.25 | 10.31 | 10.31 | 10.31 | 10.30 | 10.28 | 10.27 | 10.25 | 10.24 | 10.22 |
| **Pakistan** | | | | | | | | | | | |
| Corn | 5.14 | 5.05 | 4.99 | 4.94 | 4.94 | 4.95 | 4.97 | 5.00 | 5.03 | 5.05 | 5.08 |
| Barley | 1.63 | 1.65 | 1.71 | 1.71 | 1.71 | 1.71 | 1.71 | 1.72 | 1.72 | 1.73 | 1.73 |
| Sorghum | 0.95 | 0.92 | 0.91 | 0.91 | 0.91 | 0.92 | 0.92 | 0.93 | 0.93 | 0.93 | 0.93 |
| **Philippines** | | | | | | | | | | | |
| Corn | 18.21 | 17.41 | 17.08 | 16.79 | 16.73 | 16.73 | 16.77 | 16.83 | 16.86 | 16.88 | 16.88 |
| **Russia** | | | | | | | | | | | |
| Corn | 3.83 | 3.92 | 4.03 | 4.13 | 4.24 | 4.36 | 4.50 | 4.63 | 4.77 | 4.90 | 5.04 |
| Barley | 33.47 | 33.11 | 33.19 | 33.22 | 33.24 | 33.19 | 33.11 | 33.04 | 32.98 | 32.92 | 32.86 |
| **Saudi Arabia** | | | | | | | | | | | |
| Barley | 0.38 | 0.23 | 0.24 | 0.23 | 0.21 | 0.19 | 0.16 | 0.15 | 0.14 | 0.12 | 0.11 |
| **South Africa** | | | | | | | | | | | |
| Corn | 105.99 | 105.83 | 105.31 | 104.93 | 104.89 | 105.15 | 105.71 | 106.42 | 107.18 | 107.97 | 108.81 |
| Barley | 3.38 | 3.36 | 3.37 | 3.37 | 3.37 | 3.37 | 3.36 | 3.36 | 3.35 | 3.35 | 3.34 |
| Sorghum | 5.07 | 5.05 | 5.06 | 5.07 | 5.09 | 5.11 | 5.14 | 5.17 | 5.20 | 5.23 | 5.26 |
| **South Korea** | | | | | | | | | | | |
| Corn | 40.09 | 39.70 | 38.85 | 38.19 | 37.98 | 38.01 | 37.88 | 37.84 | 37.82 | 37.94 | 38.06 |
| **Taiwan** | | | | | | | | | | | |
| Corn | 9.61 | 9.39 | 9.41 | 9.34 | 9.33 | 9.32 | 9.44 | 9.59 | 9.74 | 9.88 | 10.02 |
| Barley | 1.31 | 1.76 | 1.90 | 1.93 | 1.95 | 1.95 | 1.95 | 1.96 | 1.97 | 1.98 | 1.99 |
| **Thailand** | | | | | | | | | | | |
| Corn | 1.56 | 1.51 | 1.50 | 1.49 | 1.48 | 1.48 | 1.48 | 1.49 | 1.49 | 1.49 | 1.49 |
| **Ukraine** | | | | | | | | | | | |
| Corn | 14.89 | 15.11 | 15.12 | 15.10 | 15.10 | 15.16 | 15.26 | 15.38 | 15.50 | 15.63 | 15.76 |
| Barley | 31.92 | 29.64 | 30.64 | 31.57 | 32.35 | 33.05 | 33.69 | 34.29 | 34.89 | 35.49 | 36.09 |
| **United States** | | | | | | | | | | | |
| Corn | 254.24 | 270.98 | 287.57 | 302.25 | 316.41 | 329.62 | 335.01 | 335.54 | 336.42 | 337.81 | 339.27 |
| Barley | 10.31 | 10.25 | 10.14 | 10.03 | 9.95 | 9.88 | 9.81 | 9.75 | 9.67 | 9.60 | 9.54 |
| Sorghum | 4.72 | 4.91 | 4.93 | 4.97 | 4.99 | 5.03 | 5.06 | 5.11 | 5.15 | 5.19 | 5.23 |
| **Vietnam** | | | | | | | | | | | |
| Corn | 5.99 | 6.06 | 6.07 | 6.09 | 6.14 | 6.19 | 6.26 | 6.34 | 6.42 | 6.50 | 6.58 |

‡ Countries included: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Macedonia, Romania, Serbia, Montenegro.
† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Tajikistan, Turkmenistan, Uzbekistan.

# World Oilseeds and Products

# World Soybeans and Soybean Products

The soybean price weakens in 2005/06 under the pressure of high supplies. For 2006/07, another price decline is expected despite the production adjustment. This supply correction leads to a price rebound in 2007/08 and the price then remains steady over the projection period. In the long run, the soybean price and other oilseed prices are expected to remain within their established relationships.

World soybean production reaches 277 mmt by 2015/16, an increase of 24% over the current year. In 2012/13, Brazil overtakes the U.S. as the largest soybean producer in the world. At the end of the outlook period Brazil holds a 34% share while the U.S. share drops to 30%. World soybean production is primarily dominated by Argentina, Brazil, and the U.S. (85% combined) over the outlook period.

The expectation of falling prices, combined with high soybean production costs, strong currency, and tight private credit, causes Brazil to reduce its soybean area in 2005/06 by 5.9%. Meanwhile, despite the lower prices, soybean area in Argentina expands by 5.6% because of the improved soybean cost/benefit ratios in the Pampas and the area switched from other crops. In both countries, soybean area increases throughout the baseline but at a lower rate than in the previous decade because of declining profitability. By 2015/16, soybean areas in Argentina and Brazil combined increase 13.6 mha while areas in the U.S., China, and India fall by a total of 1.7 mha.

Conditions such as Brazil's expansion in soybean production, which outpaces its processing infrastructure, and China's preference for raw product imports make soybean exports a focus of attention for major exporting countries. In 2007/08, Brazil surpasses the U.S. to become the largest soybean exporter in the world. Its export share grows from 38% to 51% by the end of the outlook period. U.S. soybean exports fall by 1.2 mmt, and the U.S. share of world soybean exports is projected to decline from 38% in 2005/06 to 27% in 2015/16.

Chinese soybean area declines slightly over the baseline because of falling real domestic prices and loss of total agricultural area. Yield improvements lead to a small production growth. Soybean consumption expands throughout the baseline by 3.8% annually. China remains the largest importer in the world; it expands its imports from 41% to 52% of total world imports by 2015/16. Policies favoring oilseed imports and domestic crush support this development.

Strong supply growth, especially in the U.S., and falling oilseed prices are the bearish factors behind the soybean meal price drop during the 2005/06 season. Prices are expected to recover slightly in 2006/07 as production adjusts; they then increase for a few years before declining again in the outer years, as production outpaces demand from livestock sectors around the world.

World soybean meal production grows 2.6% per year on average over the next decade in response to rising feed and oil demand. The volume of exports in the soybean meal market also maintains its positive trend throughout the baseline, increasing by 2.9% annually. World soybean meal consumption expands by 30% during the outlook period, primarily driven by strong growth in the livestock sector. China's consumption increases 4.5% annually. By 2010/11, China surpasses the EU as the largest soybean meal consumer in the world. U.S. consumption increases 1.2% annually, but the U.S. share of world consumption falls slightly. Brazil expands its domestic consumption by 40% over the next decade.

The soybean oil price recovers from 2004/05 lows because of a production adjustment in 2005/06. The oil price weakens in 2006/07 under the pressure of the low bean price; it then rises throughout the baseline because of income and population growth around the world and emerging demands for biodiesel in Brazil. China surpasses the U.S. to become the largest soybean oil consumer in 2005/06, increasing its share to 31% by 2015/16. World soybean oil trade expands by 41% over the outlook period. Exports are dominated by a few countries, but importers are diverse. China and India's combined share of imports grows from 41% to 47% of the world market. Argentina and Brazil combine for 80% of total exports. The U.S. share of soybean oil exports increases slightly by 2015/16.

## Soybean Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 9,350 | 9,581 | 10,974 | 11,238 | 11,271 | 11,685 | 12,040 | 12,324 | 12,620 | 12,965 | 13,334 |
| Brazil | 24,989 | 26,781 | 28,590 | 30,977 | 33,180 | 35,252 | 37,433 | 39,602 | 41,807 | 44,058 | 46,358 |
| Canada | 735 | 550 | 604 | 659 | 680 | 697 | 719 | 740 | 760 | 781 | 802 |
| CIS | 124 | 20 | 17 | 29 | 39 | 45 | 52 | 60 | 69 | 78 | 87 |
| India | 8 | 147 | 113 | 129 | 99 | 118 | 135 | 134 | 124 | 109 | 87 |
| United States | 25,728 | 29,404 | 27,659 | 26,463 | 26,291 | 26,042 | 25,718 | 25,472 | 25,219 | 24,868 | 24,453 |
| Total Net Exports * | 60,934 | 66,481 | 67,956 | 69,495 | 71,558 | 73,840 | 76,095 | 78,333 | 80,599 | 82,858 | 85,119 |
| **Net Importers** | | | | | | | | | | | |
| China | 27,150 | 31,634 | 33,239 | 34,733 | 36,405 | 38,228 | 40,079 | 41,932 | 43,804 | 45,694 | 47,590 |
| European Union | 14,990 | 15,136 | 14,728 | 14,557 | 14,498 | 14,422 | 14,301 | 14,180 | 14,064 | 13,943 | 13,822 |
| Japan | 4,300 | 4,415 | 4,357 | 4,312 | 4,309 | 4,312 | 4,315 | 4,320 | 4,325 | 4,325 | 4,324 |
| South Korea | 1,300 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 | 1,350 |
| Taiwan | 2,240 | 2,329 | 2,327 | 2,325 | 2,344 | 2,363 | 2,383 | 2,403 | 2,424 | 2,443 | 2,463 |
| Rest of World | 10,937 | 11,601 | 11,937 | 12,201 | 12,635 | 13,148 | 13,650 | 14,131 | 14,615 | 15,086 | 15,552 |
| Residual | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Total Net Imports | 60,934 | 66,481 | 67,956 | 69,495 | 71,558 | 73,840 | 76,095 | 78,333 | 80,599 | 82,858 | 85,119 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Illinois Processor | 210 | 194 | 204 | 211 | 212 | 214 | 216 | 216 | 216 | 215 | 214 |
| CIF Rotterdam | 247 | 238 | 247 | 254 | 255 | 256 | 259 | 259 | 258 | 257 | 255 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Soybean Meal Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 21,650 | 22,006 | 22,943 | 23,643 | 24,445 | 25,316 | 26,186 | 27,035 | 27,887 | 28,735 | 29,594 |
| Brazil | 13,915 | 14,033 | 15,037 | 15,720 | 16,407 | 17,021 | 17,669 | 18,310 | 18,913 | 19,506 | 20,096 |
| China | 550 | 456 | 270 | 99 | 1 | 11 | 136 | 277 | 434 | 608 | 826 |
| India | 2,400 | 2,419 | 2,398 | 2,367 | 2,359 | 2,366 | 2,377 | 2,386 | 2,397 | 2,411 | 2,427 |
| United States | 5,791 | 6,713 | 6,655 | 6,512 | 6,700 | 6,776 | 6,736 | 6,775 | 6,873 | 7,003 | 7,076 |
| Total Net Exports * | 44,306 | 45,628 | 47,302 | 48,341 | 49,912 | 51,490 | 53,104 | 54,782 | 56,504 | 58,265 | 60,018 |
| **Net Importers** | | | | | | | | | | | |
| Canada | 952 | 921 | 889 | 892 | 901 | 924 | 971 | 1,026 | 1,064 | 1,111 | 1,167 |
| CIS | 460 | 525 | 544 | 554 | 567 | 573 | 572 | 572 | 573 | 576 | 578 |
| European Union | 22,357 | 23,384 | 23,921 | 23,649 | 23,813 | 24,121 | 24,480 | 24,894 | 25,361 | 25,826 | 26,268 |
| Japan | 1,600 | 1,779 | 1,807 | 1,841 | 1,910 | 1,995 | 2,059 | 2,090 | 2,134 | 2,188 | 2,257 |
| South Korea | 1,510 | 1,502 | 1,516 | 1,575 | 1,608 | 1,639 | 1,675 | 1,712 | 1,737 | 1,763 | 1,789 |
| Taiwan | 88 | 100 | 87 | 86 | 89 | 108 | 122 | 130 | 139 | 154 | 174 |
| Rest of World | 17,076 | 17,153 | 18,275 | 19,481 | 20,762 | 21,867 | 22,962 | 24,095 | 25,235 | 26,385 | 27,523 |
| Residual | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 | 263 |
| Total Net Imports | 44,306 | 45,628 | 47,302 | 48,341 | 49,912 | 51,490 | 53,104 | 54,782 | 56,504 | 58,265 | 60,018 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Decatur 48% | 191 | 185 | 190 | 191 | 189 | 189 | 190 | 188 | 186 | 183 | 180 |
| CIF Rotterdam | 197 | 201 | 207 | 208 | 206 | 206 | 206 | 205 | 203 | 200 | 196 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Soybean Oil Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 5,189 | 5,347 | 5,582 | 5,783 | 6,007 | 6,248 | 6,491 | 6,733 | 6,977 | 7,222 | 7,470 |
| Brazil | 2,565 | 2,699 | 3,023 | 2,985 | 3,124 | 3,241 | 3,359 | 3,474 | 3,595 | 3,720 | 3,851 |
| European Union | 217 | 25 | 14 | 50 | 40 | 5 | -35 | -77 | -119 | -158 | -195 |
| United States | 571 | 707 | 583 | 514 | 463 | 457 | 506 | 601 | 698 | 813 | 933 |
| Total Net Exports * | 8,758 | 9,008 | 9,434 | 9,563 | 9,870 | 10,191 | 10,566 | 10,981 | 11,406 | 11,856 | 12,324 |
| **Net Importers** | | | | | | | | | | | |
| Canada | 87 | 77 | 75 | 79 | 82 | 85 | 87 | 90 | 93 | 96 | 100 |
| China | 2,250 | 2,285 | 2,329 | 2,433 | 2,561 | 2,710 | 2,851 | 3,002 | 3,169 | 3,349 | 3,549 |
| CIS | 58 | 71 | 69 | 70 | 72 | 74 | 76 | 78 | 81 | 84 | 88 |
| India | 1,890 | 2,018 | 2,107 | 2,209 | 2,316 | 2,438 | 2,560 | 2,686 | 2,816 | 2,946 | 3,080 |
| Japan | 60 | 69 | 73 | 82 | 87 | 92 | 93 | 95 | 97 | 100 | 101 |
| South Korea | 235 | 232 | 229 | 239 | 247 | 255 | 261 | 269 | 276 | 282 | 288 |
| Taiwan | 45 | 53 | 49 | 52 | 55 | 59 | 61 | 64 | 67 | 69 | 71 |
| Rest of World | 3,868 | 3,926 | 4,221 | 4,120 | 4,163 | 4,190 | 4,281 | 4,398 | 4,504 | 4,622 | 4,735 |
| Residual | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| Total Net Imports | 8,758 | 9,008 | 9,434 | 9,563 | 9,870 | 10,191 | 10,566 | 10,981 | 11,406 | 11,856 | 12,324 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Decatur | 476 | 468 | 498 | 520 | 532 | 542 | 554 | 564 | 573 | 583 | 595 |
| FOB Rotterdam | 555 | 524 | 558 | 582 | 594 | 606 | 619 | 629 | 639 | 650 | 663 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 91,643 | 92,206 | 92,748 | 94,448 | 96,110 | 97,435 | 98,838 | 100,377 | 101,899 | 103,306 | 104,715 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 223,509 | 222,063 | 225,791 | 232,457 | 239,128 | 244,888 | 250,927 | 257,435 | 263,988 | 270,301 | 276,692 |
| Beginning Stocks | 44,896 | 53,636 | 53,349 | 51,816 | 52,290 | 53,708 | 55,040 | 56,289 | 57,820 | 59,532 | 61,253 |
| Domestic Supply | 268,405 | 275,698 | 279,140 | 284,273 | 291,419 | 298,596 | 305,967 | 313,723 | 321,807 | 329,833 | 337,945 |
| Crush | 184,770 | 191,685 | 196,520 | 200,712 | 205,913 | 211,159 | 216,634 | 222,255 | 227,928 | 233,628 | 239,380 |
| Food Use | 13,682 | 14,493 | 14,385 | 14,466 | 14,568 | 14,787 | 14,989 | 15,188 | 15,388 | 15,584 | 15,768 |
| Other Use | 16,300 | 16,154 | 16,401 | 16,787 | 17,211 | 17,593 | 18,039 | 18,443 | 18,942 | 19,351 | 19,832 |
| Residual | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Ending Stocks | 53,636 | 53,349 | 51,816 | 52,290 | 53,708 | 55,040 | 56,289 | 57,820 | 59,532 | 61,253 | 62,949 |
| Domestic Use | 268,405 | 275,698 | 279,140 | 284,273 | 291,419 | 298,596 | 305,967 | 313,723 | 321,807 | 329,833 | 337,945 |
| Trade * | 60,934 | 66,481 | 67,956 | 69,495 | 71,558 | 73,840 | 76,095 | 78,333 | 80,599 | 82,858 | 85,119 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 145,182 | 150,914 | 154,719 | 158,022 | 162,118 | 166,248 | 170,560 | 174,988 | 179,457 | 183,948 | 188,479 |
| Consumption | 144,838 | 150,228 | 154,457 | 157,735 | 161,779 | 165,896 | 170,213 | 174,618 | 179,072 | 183,552 | 188,085 |
| Trade * | 44,306 | 45,628 | 47,302 | 48,341 | 49,912 | 51,490 | 53,104 | 54,782 | 56,504 | 58,265 | 60,018 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 34,146 | 35,183 | 36,150 | 37,007 | 38,056 | 39,119 | 40,233 | 41,381 | 42,547 | 43,724 | 44,919 |
| Consumption | 33,788 | 35,141 | 36,176 | 37,049 | 38,027 | 39,075 | 40,186 | 41,327 | 42,489 | 43,673 | 44,871 |
| Trade * | 8,758 | 9,008 | 9,434 | 9,563 | 9,870 | 10,191 | 10,566 | 10,981 | 11,406 | 11,856 | 12,324 |
| | | | | | | (Kilograms) | | | | | |
| Per Capita Consumption | 5.18 | 5.32 | 5.42 | 5.49 | 5.57 | 5.66 | 5.76 | 5.86 | 5.96 | 6.06 | 6.17 |

* Excludes intraregional trade.

## U.S. Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 28,879 | 29,093 | 28,395 | 28,299 | 28,299 | 28,095 | 27,973 | 27,982 | 28,007 | 27,954 | 27,904 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.91 | 2.73 | 2.76 | 2.78 | 2.81 | 2.83 | 2.86 | 2.88 | 2.91 | 2.93 | 2.96 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 84,000 | 79,416 | 78,257 | 78,706 | 79,394 | 79,521 | 79,870 | 80,596 | 81,383 | 81,947 | 82,525 |
| Beginning Stocks | 6,960 | 13,253 | 10,701 | 8,734 | 8,316 | 8,224 | 8,090 | 7,954 | 7,966 | 8,085 | 8,219 |
| Domestic Supply | 90,960 | 92,669 | 88,958 | 87,440 | 87,709 | 87,745 | 87,960 | 88,550 | 89,348 | 90,032 | 90,743 |
| Crush | 47,120 | 48,284 | 48,329 | 48,381 | 48,866 | 49,271 | 49,862 | 50,655 | 51,465 | 52,330 | 53,209 |
| Seed, Residual | 4,860 | 4,279 | 4,236 | 4,279 | 4,328 | 4,342 | 4,427 | 4,457 | 4,580 | 4,616 | 4,725 |
| Ending Stocks | 13,253 | 10,701 | 8,734 | 8,316 | 8,224 | 8,090 | 7,954 | 7,966 | 8,085 | 8,219 | 8,356 |
| Domestic Use | 65,232 | 63,264 | 61,299 | 60,976 | 61,418 | 61,703 | 62,243 | 63,078 | 64,129 | 65,164 | 66,291 |
| Net Trade | 25,728 | 29,404 | 27,659 | 26,463 | 26,291 | 26,042 | 25,718 | 25,472 | 25,219 | 24,868 | 24,453 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 37,053 | 38,269 | 38,305 | 38,346 | 38,730 | 39,050 | 39,519 | 40,148 | 40,789 | 41,475 | 42,172 |
| Beginning Stocks | 156 | 214 | 222 | 219 | 218 | 219 | 218 | 218 | 219 | 221 | 224 |
| Domestic Supply | 37,209 | 38,483 | 38,527 | 38,564 | 38,948 | 39,269 | 39,738 | 40,366 | 41,009 | 41,697 | 42,396 |
| Consumption | 31,204 | 31,547 | 31,653 | 31,834 | 32,029 | 32,275 | 32,783 | 33,371 | 33,914 | 34,469 | 35,093 |
| Ending Stocks | 214 | 222 | 219 | 218 | 219 | 218 | 218 | 219 | 221 | 224 | 227 |
| Domestic Use | 31,418 | 31,769 | 31,872 | 32,052 | 32,248 | 32,493 | 33,002 | 33,591 | 34,136 | 34,693 | 35,320 |
| Net Trade | 5,791 | 6,713 | 6,655 | 6,512 | 6,700 | 6,776 | 6,736 | 6,775 | 6,873 | 7,003 | 7,076 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 9,149 | 9,076 | 9,084 | 9,094 | 9,185 | 9,261 | 9,372 | 9,521 | 9,673 | 9,836 | 10,001 |
| Beginning Stocks | 771 | 1,100 | 1,005 | 955 | 895 | 882 | 868 | 856 | 848 | 843 | 835 |
| Domestic Supply | 9,920 | 10,176 | 10,089 | 10,049 | 10,080 | 10,143 | 10,240 | 10,377 | 10,522 | 10,679 | 10,836 |
| Consumption | 8,249 | 8,464 | 8,552 | 8,640 | 8,735 | 8,818 | 8,878 | 8,928 | 8,981 | 9,032 | 9,078 |
| Ending Stocks | 1,100 | 1,005 | 955 | 895 | 882 | 868 | 856 | 848 | 843 | 835 | 825 |
| Domestic Use | 9,349 | 9,469 | 9,507 | 9,535 | 9,617 | 9,686 | 9,734 | 9,776 | 9,824 | 9,866 | 9,903 |
| Net Trade | 571 | 707 | 583 | 514 | 463 | 457 | 506 | 601 | 698 | 813 | 933 |

## Argentine Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 15,200 | 15,596 | 15,916 | 16,350 | 16,766 | 17,179 | 17,598 | 18,017 | 18,425 | 18,827 | 19,230 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.66 | 2.71 | 2.73 | 2.75 | 2.77 | 2.79 | 2.81 | 2.83 | 2.85 | 2.88 | 2.90 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 40,500 | 42,195 | 43,410 | 44,937 | 46,437 | 47,944 | 49,486 | 51,044 | 52,590 | 54,138 | 55,706 |
| Beginning Stocks | 13,921 | 14,871 | 16,256 | 16,307 | 16,610 | 17,232 | 17,733 | 18,199 | 18,730 | 19,301 | 19,872 |
| Domestic Supply | 54,421 | 57,066 | 59,666 | 61,244 | 63,047 | 65,176 | 67,219 | 69,243 | 71,321 | 73,439 | 75,577 |
| Crush | 28,450 | 29,386 | 30,511 | 31,472 | 32,561 | 33,720 | 34,889 | 36,043 | 37,198 | 38,346 | 39,504 |
| Other Use | 1,750 | 1,842 | 1,875 | 1,925 | 1,983 | 2,037 | 2,090 | 2,146 | 2,202 | 2,257 | 2,312 |
| Ending Stocks | 14,871 | 16,256 | 16,307 | 16,610 | 17,232 | 17,733 | 18,199 | 18,730 | 19,301 | 19,872 | 20,428 |
| Domestic Use | 45,071 | 47,485 | 48,692 | 50,006 | 51,776 | 53,490 | 55,179 | 56,919 | 58,700 | 60,475 | 62,243 |
| Net Trade | 9,350 | 9,581 | 10,974 | 11,238 | 11,271 | 11,685 | 12,040 | 12,324 | 12,620 | 12,965 | 13,334 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 22,333 | 23,068 | 23,951 | 24,705 | 25,560 | 26,470 | 27,388 | 28,293 | 29,200 | 30,101 | 31,010 |
| Beginning Stocks | 1,149 | 932 | 1,026 | 1,035 | 1,060 | 1,091 | 1,111 | 1,129 | 1,150 | 1,175 | 1,202 |
| Domestic Supply | 23,482 | 24,000 | 24,977 | 25,740 | 26,620 | 27,561 | 28,499 | 29,422 | 30,350 | 31,276 | 32,212 |
| Consumption | 900 | 967 | 999 | 1,038 | 1,084 | 1,134 | 1,184 | 1,236 | 1,288 | 1,339 | 1,390 |
| Ending Stocks | 932 | 1,026 | 1,035 | 1,060 | 1,091 | 1,111 | 1,129 | 1,150 | 1,175 | 1,202 | 1,228 |
| Domestic Use | 1,832 | 1,993 | 2,034 | 2,097 | 2,174 | 2,245 | 2,313 | 2,387 | 2,463 | 2,541 | 2,618 |
| Net Trade | 21,650 | 22,006 | 22,943 | 23,643 | 24,445 | 25,316 | 26,186 | 27,035 | 27,887 | 28,735 | 29,594 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 5,292 | 5,487 | 5,718 | 5,920 | 6,148 | 6,390 | 6,636 | 6,881 | 7,127 | 7,374 | 7,625 |
| Beginning Stocks | 67 | 40 | 44 | 43 | 43 | 44 | 44 | 44 | 45 | 46 | 46 |
| Domestic Supply | 5,359 | 5,527 | 5,762 | 5,963 | 6,191 | 6,434 | 6,680 | 6,925 | 7,172 | 7,420 | 7,671 |
| Consumption | 130 | 135 | 136 | 138 | 140 | 142 | 145 | 147 | 149 | 152 | 154 |
| Ending Stocks | 40 | 44 | 43 | 43 | 44 | 44 | 44 | 45 | 46 | 46 | 46 |
| Domestic Use | 170 | 179 | 180 | 181 | 184 | 187 | 189 | 192 | 195 | 198 | 201 |
| Net Trade | 5,189 | 5,347 | 5,582 | 5,783 | 6,007 | 6,248 | 6,491 | 6,733 | 6,977 | 7,222 | 7,470 |

## Brazilian Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 21,500 | 22,252 | 23,237 | 24,402 | 25,479 | 26,438 | 27,385 | 28,331 | 29,261 | 30,178 | 31,094 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.72 | 2.72 | 2.75 | 2.78 | 2.81 | 2.84 | 2.87 | 2.90 | 2.93 | 2.96 | 2.99 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 58,500 | 60,546 | 63,923 | 67,862 | 71,620 | 75,110 | 78,622 | 82,185 | 85,763 | 89,355 | 92,999 |
| Beginning Stocks | 16,475 | 17,676 | 17,905 | 18,229 | 18,797 | 19,541 | 20,356 | 21,145 | 21,981 | 22,839 | 23,690 |
| Domestic Supply | 74,975 | 78,222 | 81,828 | 86,090 | 90,417 | 94,651 | 98,978 | 103,330 | 107,744 | 112,194 | 116,689 |
| Crush | 29,487 | 30,577 | 31,947 | 33,123 | 34,371 | 35,592 | 36,827 | 38,049 | 39,277 | 40,501 | 41,731 |
| Other Use | 2,823 | 2,960 | 3,063 | 3,194 | 3,325 | 3,450 | 3,573 | 3,697 | 3,822 | 3,945 | 4,067 |
| Ending Stocks | 17,676 | 17,905 | 18,229 | 18,797 | 19,541 | 20,356 | 21,145 | 21,981 | 22,839 | 23,690 | 24,533 |
| Domestic Use | 49,986 | 51,441 | 53,238 | 55,113 | 57,237 | 59,398 | 61,545 | 63,728 | 65,937 | 68,136 | 70,331 |
| Net Trade | 24,989 | 26,781 | 28,590 | 30,977 | 33,180 | 35,252 | 37,433 | 39,602 | 41,807 | 44,058 | 46,358 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 23,170 | 24,027 | 25,103 | 26,027 | 27,008 | 27,967 | 28,937 | 29,898 | 30,862 | 31,824 | 32,791 |
| Beginning Stocks | 1,333 | 1,545 | 1,693 | 1,657 | 1,650 | 1,657 | 1,681 | 1,702 | 1,730 | 1,762 | 1,799 |
| Domestic Supply | 24,503 | 25,572 | 26,796 | 27,684 | 28,658 | 29,624 | 30,618 | 31,600 | 32,592 | 33,587 | 34,590 |
| Consumption | 9,043 | 9,845 | 10,102 | 10,314 | 10,594 | 10,922 | 11,247 | 11,560 | 11,917 | 12,282 | 12,658 |
| Ending Stocks | 1,545 | 1,693 | 1,657 | 1,650 | 1,657 | 1,681 | 1,702 | 1,730 | 1,762 | 1,799 | 1,835 |
| Domestic Use | 10,588 | 11,538 | 11,759 | 11,964 | 12,251 | 12,603 | 12,949 | 13,290 | 13,679 | 14,081 | 14,494 |
| Net Trade | 13,915 | 14,033 | 15,037 | 15,720 | 16,407 | 17,021 | 17,669 | 18,310 | 18,913 | 19,506 | 20,096 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 5,651 | 5,860 | 6,122 | 6,348 | 6,587 | 6,821 | 7,058 | 7,292 | 7,527 | 7,762 | 7,997 |
| Beginning Stocks | 439 | 425 | 447 | 424 | 406 | 398 | 397 | 397 | 398 | 400 | 400 |
| Domestic Supply | 6,090 | 6,285 | 6,570 | 6,772 | 6,993 | 7,218 | 7,455 | 7,689 | 7,925 | 8,162 | 8,398 |
| Food Use | 3,100 | 3,139 | 3,123 | 3,113 | 3,111 | 3,119 | 3,127 | 3,135 | 3,142 | 3,146 | 3,147 |
| Industrial Use | 0 | 0 | 0 | 268 | 361 | 461 | 572 | 682 | 789 | 895 | 1,000 |
| Ending Stocks | 425 | 447 | 424 | 406 | 398 | 397 | 397 | 398 | 400 | 400 | 400 |
| Domestic Use | 3,525 | 3,586 | 3,547 | 3,787 | 3,869 | 3,978 | 4,096 | 4,215 | 4,331 | 4,441 | 4,547 |
| Net Trade | 2,565 | 2,699 | 3,023 | 2,985 | 3,124 | 3,241 | 3,359 | 3,474 | 3,595 | 3,720 | 3,851 |

## Canadian Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,170 | 1,140 | 1,137 | 1,154 | 1,166 | 1,172 | 1,178 | 1,186 | 1,194 | 1,199 | 1,204 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.70 | 2.67 | 2.69 | 2.71 | 2.73 | 2.74 | 2.76 | 2.78 | 2.80 | 2.82 | 2.83 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,160 | 3,048 | 3,061 | 3,125 | 3,179 | 3,217 | 3,256 | 3,299 | 3,341 | 3,378 | 3,414 |
| Beginning Stocks | 525 | 575 | 613 | 593 | 582 | 587 | 592 | 596 | 602 | 610 | 620 |
| Domestic Supply | 3,685 | 3,623 | 3,674 | 3,718 | 3,761 | 3,804 | 3,848 | 3,895 | 3,942 | 3,989 | 4,035 |
| Crush | 1,775 | 1,861 | 1,885 | 1,882 | 1,893 | 1,908 | 1,924 | 1,938 | 1,951 | 1,961 | 1,970 |
| Other Use | 600 | 599 | 592 | 595 | 602 | 606 | 610 | 615 | 621 | 626 | 632 |
| Ending Stocks | 575 | 613 | 593 | 582 | 587 | 592 | 596 | 602 | 610 | 620 | 631 |
| Domestic Use | 2,950 | 3,073 | 3,070 | 3,059 | 3,082 | 3,106 | 3,130 | 3,155 | 3,182 | 3,208 | 3,233 |
| Net Trade | 735 | 550 | 604 | 659 | 680 | 697 | 719 | 740 | 760 | 781 | 802 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 1,383 | 1,450 | 1,469 | 1,466 | 1,475 | 1,487 | 1,499 | 1,510 | 1,520 | 1,528 | 1,535 |
| Beginning Stocks | 25 | 25 | 26 | 25 | 26 | 26 | 26 | 27 | 27 | 28 | 28 |
| Domestic Supply | 1,408 | 1,475 | 1,495 | 1,492 | 1,501 | 1,513 | 1,526 | 1,537 | 1,547 | 1,556 | 1,564 |
| Consumption | 2,335 | 2,370 | 2,358 | 2,359 | 2,375 | 2,411 | 2,470 | 2,536 | 2,583 | 2,639 | 2,701 |
| Ending Stocks | 25 | 26 | 25 | 26 | 26 | 26 | 27 | 27 | 28 | 28 | 29 |
| Domestic Use | 2,360 | 2,396 | 2,384 | 2,384 | 2,401 | 2,437 | 2,497 | 2,563 | 2,611 | 2,667 | 2,730 |
| Net Trade | -952 | -921 | -889 | -892 | -901 | -924 | -971 | -1,026 | -1,064 | -1,111 | -1,167 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 299 | 313 | 318 | 317 | 319 | 321 | 324 | 326 | 329 | 330 | 332 |
| Beginning Stocks | 8 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 |
| Domestic Supply | 307 | 323 | 328 | 327 | 328 | 331 | 334 | 336 | 338 | 340 | 341 |
| Consumption | 384 | 390 | 393 | 396 | 401 | 407 | 412 | 417 | 422 | 427 | 432 |
| Ending Stocks | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| Domestic Use | 394 | 400 | 402 | 406 | 411 | 416 | 421 | 426 | 431 | 436 | 441 |
| Net Trade | -87 | -77 | -75 | -79 | -82 | -85 | -87 | -90 | -93 | -96 | -100 |

## Chinese Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 9,600 | 9,040 | 8,968 | 9,012 | 9,059 | 9,055 | 9,045 | 9,048 | 9,045 | 9,030 | 9,014 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.77 | 1.79 | 1.81 | 1.83 | 1.85 | 1.87 | 1.89 | 1.91 | 1.93 | 1.95 | 1.97 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 17,000 | 16,146 | 16,196 | 16,456 | 16,723 | 16,897 | 17,060 | 17,246 | 17,420 | 17,572 | 17,722 |
| Beginning Stocks | 4,700 | 4,100 | 4,219 | 4,296 | 4,381 | 4,500 | 4,602 | 4,686 | 4,777 | 4,871 | 4,964 |
| Domestic Supply | 21,700 | 20,246 | 20,415 | 20,752 | 21,104 | 21,397 | 21,662 | 21,932 | 22,198 | 22,443 | 22,686 |
| Crush | 34,550 | 36,967 | 38,751 | 40,450 | 42,252 | 44,094 | 45,962 | 47,821 | 49,687 | 51,552 | 53,425 |
| Food Use | 8,500 | 9,027 | 8,948 | 8,995 | 9,096 | 9,266 | 9,430 | 9,603 | 9,782 | 9,961 | 10,137 |
| Feed Use | 1,700 | 1,666 | 1,659 | 1,660 | 1,662 | 1,662 | 1,662 | 1,662 | 1,662 | 1,661 | 1,661 |
| Ending Stocks | 4,100 | 4,219 | 4,296 | 4,381 | 4,500 | 4,602 | 4,686 | 4,777 | 4,871 | 4,964 | 5,052 |
| Domestic Use | 48,850 | 51,880 | 53,654 | 55,485 | 57,509 | 59,625 | 61,740 | 63,864 | 66,001 | 68,137 | 70,275 |
| Net Trade | -27,150 | -31,634 | -33,239 | -34,733 | -36,405 | -38,228 | -40,079 | -41,932 | -43,804 | -45,694 | -47,590 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 27,499 | 29,423 | 30,843 | 32,195 | 33,629 | 35,095 | 36,582 | 38,061 | 39,547 | 41,031 | 42,522 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 27,499 | 29,423 | 30,843 | 32,195 | 33,629 | 35,095 | 36,582 | 38,061 | 39,547 | 41,031 | 42,522 |
| Consumption | 26,949 | 28,967 | 30,573 | 32,096 | 33,628 | 35,084 | 36,446 | 37,785 | 39,112 | 40,422 | 41,697 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 26,949 | 28,967 | 30,573 | 32,096 | 33,628 | 35,084 | 36,446 | 37,785 | 39,112 | 40,422 | 41,697 |
| Net Trade | 550 | 456 | 270 | 99 | 1 | 11 | 136 | 277 | 434 | 608 | 826 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 6,206 | 6,696 | 7,077 | 7,448 | 7,843 | 8,251 | 8,670 | 9,092 | 9,521 | 9,956 | 10,398 |
| Beginning Stocks | 220 | 230 | 241 | 244 | 248 | 253 | 258 | 262 | 266 | 270 | 273 |
| Domestic Supply | 6,426 | 6,926 | 7,318 | 7,692 | 8,091 | 8,504 | 8,927 | 9,354 | 9,787 | 10,225 | 10,671 |
| Consumption | 8,446 | 8,969 | 9,403 | 9,877 | 10,399 | 10,956 | 11,517 | 12,090 | 12,686 | 13,302 | 13,944 |
| Ending Stocks | 230 | 241 | 244 | 248 | 253 | 258 | 262 | 266 | 270 | 273 | 276 |
| Domestic Use | 8,676 | 9,211 | 9,647 | 10,125 | 10,652 | 11,214 | 11,778 | 12,355 | 12,956 | 13,575 | 14,219 |
| Net Trade | -2,250 | -2,285 | -2,329 | -2,433 | -2,561 | -2,710 | -2,851 | -3,002 | -3,169 | -3,349 | -3,549 |

## CIS Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,000 | 1,011 | 1,038 | 1,082 | 1,128 | 1,170 | 1,214 | 1,260 | 1,306 | 1,351 | 1,397 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.20 | 1.14 | 1.14 | 1.14 | 1.14 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 | 1.16 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,200 | 1,148 | 1,182 | 1,235 | 1,289 | 1,340 | 1,393 | 1,448 | 1,503 | 1,559 | 1,614 |
| Beginning Stocks | 67 | 78 | 86 | 87 | 88 | 90 | 92 | 94 | 96 | 98 | 100 |
| Domestic Supply | 1,267 | 1,226 | 1,268 | 1,321 | 1,376 | 1,430 | 1,485 | 1,542 | 1,599 | 1,656 | 1,714 |
| Crush | 995 | 1,048 | 1,091 | 1,128 | 1,168 | 1,210 | 1,254 | 1,297 | 1,341 | 1,384 | 1,428 |
| Other Use | 70 | 72 | 74 | 77 | 80 | 83 | 86 | 89 | 92 | 95 | 98 |
| Ending Stocks | 78 | 86 | 87 | 88 | 90 | 92 | 94 | 96 | 98 | 100 | 102 |
| Domestic Use | 1,143 | 1,207 | 1,251 | 1,292 | 1,338 | 1,385 | 1,434 | 1,482 | 1,530 | 1,579 | 1,627 |
| Net Trade | 124 | 20 | 17 | 29 | 39 | 45 | 52 | 60 | 69 | 78 | 87 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 782 | 821 | 855 | 884 | 915 | 948 | 983 | 1,017 | 1,050 | 1,084 | 1,119 |
| Beginning Stocks | 10 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Domestic Supply | 792 | 821 | 855 | 884 | 916 | 949 | 984 | 1,018 | 1,052 | 1,086 | 1,120 |
| Consumption | 1,252 | 1,346 | 1,398 | 1,437 | 1,482 | 1,522 | 1,555 | 1,588 | 1,623 | 1,660 | 1,696 |
| Ending Stocks | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| Domestic Use | 1,252 | 1,346 | 1,399 | 1,438 | 1,483 | 1,522 | 1,556 | 1,589 | 1,624 | 1,661 | 1,698 |
| Net Trade | -460 | -525 | -544 | -554 | -567 | -573 | -572 | -572 | -573 | -576 | -578 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 158 | 166 | 173 | 179 | 185 | 192 | 199 | 206 | 213 | 220 | 227 |
| Beginning Stocks | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| Domestic Supply | 168 | 166 | 174 | 179 | 186 | 193 | 200 | 207 | 214 | 221 | 228 |
| Consumption | 226 | 237 | 242 | 249 | 258 | 267 | 275 | 284 | 294 | 304 | 315 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| Domestic Use | 226 | 237 | 243 | 249 | 258 | 267 | 276 | 285 | 294 | 305 | 316 |
| Net Trade | -58 | -71 | -69 | -70 | -72 | -74 | -76 | -78 | -81 | -84 | -88 |

## European Union Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 301 | 292 | 284 | 283 | 284 | 285 | 284 | 283 | 282 | 280 | 279 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.78 | 2.77 | 2.79 | 2.80 | 2.82 | 2.84 | 2.86 | 2.87 | 2.89 | 2.91 | 2.92 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 837 | 809 | 791 | 793 | 801 | 808 | 810 | 813 | 814 | 815 | 816 |
| Beginning Stocks | 785 | 802 | 1,119 | 1,150 | 1,107 | 1,094 | 1,106 | 1,123 | 1,146 | 1,171 | 1,196 |
| Domestic Supply | 1,622 | 1,611 | 1,910 | 1,944 | 1,908 | 1,902 | 1,916 | 1,936 | 1,960 | 1,986 | 2,012 |
| Crush | 14,400 | 14,268 | 14,128 | 14,048 | 13,971 | 13,872 | 13,742 | 13,612 | 13,488 | 13,361 | 13,235 |
| Other Use | 1,410 | 1,360 | 1,360 | 1,345 | 1,341 | 1,347 | 1,352 | 1,358 | 1,365 | 1,372 | 1,379 |
| Ending Stocks | 802 | 1,119 | 1,150 | 1,107 | 1,094 | 1,106 | 1,123 | 1,146 | 1,171 | 1,196 | 1,220 |
| Domestic Use | 16,612 | 16,747 | 16,639 | 16,500 | 16,406 | 16,324 | 16,217 | 16,116 | 16,024 | 15,929 | 15,834 |
| Net Trade | -14,990 | -15,136 | -14,728 | -14,557 | -14,498 | -14,422 | -14,301 | -14,180 | -14,064 | -13,943 | -13,822 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 11,325 | 11,221 | 11,111 | 11,048 | 10,987 | 10,910 | 10,808 | 10,705 | 10,608 | 10,508 | 10,409 |
| Beginning Stocks | 856 | 863 | 944 | 975 | 955 | 953 | 965 | 983 | 1,005 | 1,029 | 1,053 |
| Domestic Supply | 12,181 | 12,084 | 12,055 | 12,024 | 11,942 | 11,862 | 11,773 | 11,689 | 11,613 | 11,536 | 11,462 |
| Consumption | 33,675 | 34,524 | 35,001 | 34,718 | 34,803 | 35,018 | 35,270 | 35,577 | 35,945 | 36,309 | 36,653 |
| Ending Stocks | 863 | 944 | 975 | 955 | 953 | 965 | 983 | 1,005 | 1,029 | 1,053 | 1,077 |
| Domestic Use | 34,538 | 35,468 | 35,976 | 35,673 | 35,755 | 35,983 | 36,253 | 36,582 | 36,973 | 37,362 | 37,731 |
| Net Trade | -22,357 | -23,384 | -23,921 | -23,649 | -23,813 | -24,121 | -24,480 | -24,894 | -25,361 | -25,826 | -26,268 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 2,584 | 2,560 | 2,535 | 2,521 | 2,507 | 2,489 | 2,466 | 2,443 | 2,420 | 2,398 | 2,375 |
| Beginning Stocks | 220 | 210 | 244 | 248 | 234 | 228 | 228 | 231 | 234 | 237 | 240 |
| Domestic Supply | 2,804 | 2,770 | 2,779 | 2,769 | 2,741 | 2,717 | 2,694 | 2,673 | 2,654 | 2,635 | 2,615 |
| Consumption | 2,377 | 2,501 | 2,518 | 2,484 | 2,474 | 2,484 | 2,499 | 2,517 | 2,536 | 2,553 | 2,568 |
| Ending Stocks | 210 | 244 | 248 | 234 | 228 | 228 | 231 | 234 | 237 | 240 | 242 |
| Domestic Use | 2,587 | 2,745 | 2,766 | 2,719 | 2,702 | 2,712 | 2,730 | 2,751 | 2,773 | 2,793 | 2,810 |
| Net Trade | 217 | 25 | 14 | 50 | 40 | 5 | -35 | -77 | -119 | -158 | -195 |

## Indian Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,600 | 7,412 | 7,369 | 7,356 | 7,316 | 7,340 | 7,367 | 7,383 | 7,398 | 7,413 | 7,428 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.79 | 0.87 | 0.88 | 0.89 | 0.91 | 0.92 | 0.93 | 0.95 | 0.96 | 0.97 | 0.98 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,000 | 6,414 | 6,480 | 6,571 | 6,634 | 6,752 | 6,873 | 6,980 | 7,086 | 7,190 | 7,293 |
| Beginning Stocks | 60 | 50 | 55 | 54 | 54 | 55 | 56 | 57 | 58 | 60 | 61 |
| Domestic Supply | 6,060 | 6,464 | 6,535 | 6,625 | 6,688 | 6,807 | 6,929 | 7,037 | 7,144 | 7,250 | 7,354 |
| Crush | 4,977 | 5,145 | 5,217 | 5,276 | 5,361 | 5,452 | 5,547 | 5,647 | 5,754 | 5,864 | 5,982 |
| Other Use | 1,025 | 1,118 | 1,151 | 1,166 | 1,173 | 1,181 | 1,190 | 1,198 | 1,207 | 1,215 | 1,224 |
| Ending Stocks | 50 | 55 | 54 | 54 | 55 | 56 | 57 | 58 | 60 | 61 | 62 |
| Domestic Use | 6,052 | 6,318 | 6,423 | 6,497 | 6,589 | 6,689 | 6,794 | 6,904 | 7,020 | 7,140 | 7,267 |
| Net Trade | 8 | 147 | 113 | 129 | 99 | 118 | 135 | 134 | 124 | 109 | 87 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 3,950 | 4,083 | 4,140 | 4,188 | 4,255 | 4,327 | 4,402 | 4,482 | 4,566 | 4,654 | 4,747 |
| Beginning Stocks | 100 | 85 | 89 | 89 | 91 | 93 | 95 | 96 | 98 | 100 | 102 |
| Domestic Supply | 4,050 | 4,168 | 4,229 | 4,277 | 4,346 | 4,419 | 4,497 | 4,578 | 4,665 | 4,755 | 4,850 |
| Consumption | 1,565 | 1,660 | 1,742 | 1,819 | 1,894 | 1,959 | 2,024 | 2,094 | 2,167 | 2,241 | 2,319 |
| Ending Stocks | 85 | 89 | 89 | 91 | 93 | 95 | 96 | 98 | 100 | 102 | 105 |
| Domestic Use | 1,650 | 1,749 | 1,831 | 1,910 | 1,987 | 2,053 | 2,120 | 2,192 | 2,267 | 2,343 | 2,423 |
| Net Trade | 2,400 | 2,419 | 2,398 | 2,367 | 2,359 | 2,366 | 2,377 | 2,386 | 2,397 | 2,411 | 2,427 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 910 | 941 | 954 | 965 | 980 | 997 | 1,014 | 1,033 | 1,052 | 1,072 | 1,094 |
| Beginning Stocks | 145 | 145 | 150 | 150 | 149 | 151 | 153 | 156 | 158 | 160 | 162 |
| Domestic Supply | 1,055 | 1,086 | 1,104 | 1,115 | 1,130 | 1,148 | 1,167 | 1,188 | 1,210 | 1,233 | 1,256 |
| Consumption | 2,800 | 2,953 | 3,062 | 3,174 | 3,295 | 3,432 | 3,572 | 3,716 | 3,866 | 4,016 | 4,172 |
| Ending Stocks | 145 | 150 | 150 | 149 | 151 | 153 | 156 | 158 | 160 | 162 | 164 |
| Domestic Use | 2,945 | 3,103 | 3,211 | 3,323 | 3,446 | 3,585 | 3,728 | 3,874 | 4,026 | 4,178 | 4,336 |
| Net Trade | -1,890 | -2,018 | -2,107 | -2,209 | -2,316 | -2,438 | -2,560 | -2,686 | -2,816 | -2,946 | -3,080 |

## Japanese Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 150 | 135 | 129 | 129 | 129 | 129 | 128 | 128 | 128 | 128 | 128 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.53 | 1.46 | 1.48 | 1.50 | 1.52 | 1.53 | 1.55 | 1.57 | 1.58 | 1.60 | 1.62 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 230 | 197 | 191 | 193 | 195 | 197 | 199 | 201 | 203 | 205 | 207 |
| Beginning Stocks | 260 | 300 | 338 | 341 | 343 | 348 | 352 | 355 | 358 | 362 | 366 |
| Domestic Supply | 490 | 497 | 529 | 534 | 538 | 545 | 551 | 556 | 562 | 567 | 572 |
| Crush | 3,100 | 3,092 | 3,059 | 3,016 | 2,997 | 2,989 | 2,989 | 2,985 | 2,981 | 2,973 | 2,965 |
| Food Use | 1,050 | 1,142 | 1,151 | 1,155 | 1,170 | 1,183 | 1,192 | 1,201 | 1,212 | 1,223 | 1,232 |
| Feed Use | 340 | 340 | 335 | 333 | 332 | 332 | 331 | 331 | 331 | 331 | 331 |
| Ending Stocks | 300 | 338 | 341 | 343 | 348 | 352 | 355 | 358 | 362 | 366 | 369 |
| Domestic Use | 4,790 | 4,912 | 4,886 | 4,846 | 4,847 | 4,857 | 4,867 | 4,876 | 4,886 | 4,892 | 4,897 |
| Net Trade | -4,300 | -4,415 | -4,357 | -4,312 | -4,309 | -4,312 | -4,315 | -4,320 | -4,325 | -4,325 | -4,324 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 2,418 | 2,412 | 2,386 | 2,352 | 2,337 | 2,332 | 2,331 | 2,328 | 2,325 | 2,319 | 2,313 |
| Beginning Stocks | 219 | 227 | 247 | 252 | 256 | 261 | 264 | 267 | 270 | 273 | 276 |
| Domestic Supply | 2,637 | 2,639 | 2,633 | 2,604 | 2,593 | 2,592 | 2,595 | 2,595 | 2,595 | 2,592 | 2,589 |
| Consumption | 4,010 | 4,171 | 4,189 | 4,190 | 4,242 | 4,323 | 4,387 | 4,416 | 4,456 | 4,504 | 4,566 |
| Ending Stocks | 227 | 247 | 252 | 256 | 261 | 264 | 267 | 270 | 273 | 276 | 279 |
| Domestic Use | 4,237 | 4,418 | 4,440 | 4,446 | 4,503 | 4,588 | 4,654 | 4,685 | 4,729 | 4,780 | 4,846 |
| Net Trade | -1,600 | -1,779 | -1,807 | -1,841 | -1,910 | -1,995 | -2,059 | -2,090 | -2,134 | -2,188 | -2,257 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 567 | 566 | 559 | 552 | 548 | 547 | 547 | 546 | 545 | 544 | 542 |
| Beginning Stocks | 15 | 20 | 22 | 22 | 22 | 22 | 22 | 23 | 23 | 23 | 23 |
| Domestic Supply | 582 | 586 | 581 | 574 | 570 | 569 | 569 | 569 | 568 | 567 | 565 |
| Consumption | 622 | 633 | 633 | 633 | 635 | 638 | 640 | 641 | 642 | 643 | 643 |
| Ending Stocks | 20 | 22 | 22 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 23 |
| Domestic Use | 642 | 654 | 655 | 655 | 657 | 661 | 662 | 664 | 665 | 666 | 666 |
| Net Trade | -60 | -69 | -73 | -82 | -87 | -92 | -93 | -95 | -97 | -100 | -101 |

## South Korean Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 86 | 83 | 83 | 83 | 83 | 83 | 83 | 83 | 82 | 82 | 82 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.45 | 1.50 | 1.51 | 1.52 | 1.54 | 1.55 | 1.56 | 1.58 | 1.59 | 1.60 | 1.61 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 125 | 125 | 125 | 126 | 128 | 129 | 130 | 130 | 131 | 132 | 132 |
| Beginning Stocks | 100 | 100 | 107 | 104 | 103 | 104 | 106 | 107 | 108 | 110 | 112 |
| Domestic Supply | 225 | 225 | 232 | 230 | 231 | 233 | 235 | 237 | 239 | 241 | 243 |
| Crush | 1,025 | 1,109 | 1,112 | 1,094 | 1,097 | 1,103 | 1,109 | 1,115 | 1,121 | 1,127 | 1,132 |
| Food Use | 360 | 319 | 327 | 344 | 341 | 336 | 330 | 325 | 319 | 314 | 309 |
| Feed Use | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 |
| Ending Stocks | 100 | 107 | 104 | 103 | 104 | 106 | 107 | 108 | 110 | 112 | 113 |
| Domestic Use | 1,525 | 1,575 | 1,582 | 1,580 | 1,581 | 1,583 | 1,585 | 1,587 | 1,589 | 1,591 | 1,593 |
| Net Trade | -1,300 | -1,350 | -1,350 | -1,350 | -1,350 | -1,350 | -1,350 | -1,350 | -1,350 | -1,350 | -1,350 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 807 | 873 | 876 | 861 | 863 | 868 | 873 | 878 | 883 | 887 | 891 |
| Beginning Stocks | 220 | 230 | 239 | 235 | 238 | 243 | 247 | 250 | 255 | 259 | 265 |
| Domestic Supply | 1,027 | 1,103 | 1,114 | 1,096 | 1,101 | 1,111 | 1,120 | 1,128 | 1,137 | 1,146 | 1,156 |
| Consumption | 2,307 | 2,367 | 2,396 | 2,433 | 2,466 | 2,503 | 2,545 | 2,585 | 2,615 | 2,645 | 2,675 |
| Ending Stocks | 230 | 239 | 235 | 238 | 243 | 247 | 250 | 255 | 259 | 265 | 270 |
| Domestic Use | 2,537 | 2,605 | 2,630 | 2,671 | 2,709 | 2,750 | 2,795 | 2,840 | 2,874 | 2,909 | 2,945 |
| Net Trade | -1,510 | -1,502 | -1,516 | -1,575 | -1,608 | -1,639 | -1,675 | -1,712 | -1,737 | -1,763 | -1,789 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 183 | 198 | 199 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 |
| Beginning Stocks | 15 | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 16 | 16 |
| Domestic Supply | 198 | 214 | 215 | 211 | 211 | 212 | 213 | 214 | 216 | 217 | 218 |
| Consumption | 417 | 429 | 429 | 434 | 443 | 452 | 459 | 468 | 476 | 483 | 490 |
| Ending Stocks | 16 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 16 | 16 | 16 |
| Domestic Use | 433 | 446 | 444 | 450 | 458 | 467 | 475 | 483 | 492 | 499 | 505 |
| Net Trade | -235 | -232 | -229 | -239 | -247 | -255 | -261 | -269 | -276 | -282 | -288 |

## Taiwanese Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.10 | 0.11 | 0.12 | 0.13 | 0.15 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 70 | 60 | 67 | 67 | 67 | 68 | 70 | 71 | 72 | 74 | 76 |
| Domestic Supply | 70 | 60 | 67 | 67 | 67 | 68 | 70 | 71 | 72 | 74 | 76 |
| Crush | 2,000 | 2,059 | 2,066 | 2,063 | 2,077 | 2,093 | 2,110 | 2,126 | 2,143 | 2,159 | 2,176 |
| Food Use | 250 | 262 | 262 | 262 | 265 | 269 | 271 | 275 | 279 | 283 | 286 |
| Feed Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 60 | 67 | 67 | 67 | 68 | 70 | 71 | 72 | 74 | 76 | 77 |
| Domestic Use | 2,310 | 2,389 | 2,395 | 2,392 | 2,411 | 2,432 | 2,453 | 2,474 | 2,496 | 2,517 | 2,539 |
| Net Trade | -2,240 | -2,329 | -2,327 | -2,325 | -2,344 | -2,363 | -2,383 | -2,403 | -2,424 | -2,443 | -2,463 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 1,578 | 1,625 | 1,630 | 1,628 | 1,639 | 1,652 | 1,665 | 1,678 | 1,691 | 1,704 | 1,716 |
| Beginning Stocks | 29 | 25 | 27 | 27 | 28 | 29 | 29 | 30 | 31 | 31 | 32 |
| Domestic Supply | 1,607 | 1,650 | 1,658 | 1,655 | 1,667 | 1,680 | 1,695 | 1,708 | 1,722 | 1,735 | 1,749 |
| Consumption | 1,670 | 1,723 | 1,718 | 1,713 | 1,727 | 1,759 | 1,787 | 1,807 | 1,829 | 1,857 | 1,890 |
| Ending Stocks | 25 | 27 | 27 | 28 | 29 | 29 | 30 | 31 | 31 | 32 | 33 |
| Domestic Use | 1,695 | 1,750 | 1,745 | 1,741 | 1,756 | 1,788 | 1,817 | 1,837 | 1,860 | 1,889 | 1,923 |
| Net Trade | -88 | -100 | -87 | -86 | -89 | -108 | -122 | -130 | -139 | -154 | -174 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 344 | 354 | 355 | 355 | 357 | 360 | 363 | 366 | 369 | 371 | 374 |
| Beginning Stocks | 30 | 29 | 31 | 31 | 30 | 31 | 31 | 32 | 32 | 33 | 33 |
| Domestic Supply | 374 | 383 | 387 | 385 | 388 | 391 | 394 | 397 | 401 | 404 | 407 |
| Consumption | 390 | 405 | 405 | 407 | 412 | 418 | 423 | 429 | 435 | 440 | 444 |
| Ending Stocks | 29 | 31 | 31 | 30 | 31 | 31 | 32 | 32 | 33 | 33 | 33 |
| Domestic Use | 419 | 437 | 436 | 437 | 442 | 449 | 455 | 461 | 467 | 473 | 478 |
| Net Trade | -45 | -53 | -49 | -52 | -55 | -59 | -61 | -64 | -67 | -69 | -71 |

## Rest-of-World Soybean Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Soybeans** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 6,157 | 6,151 | 6,193 | 6,298 | 6,400 | 6,488 | 6,580 | 6,677 | 6,771 | 6,863 | 6,955 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.94 | 1.95 | 1.97 | 1.98 | 1.99 | 2.00 | 2.01 | 2.02 | 2.03 | 2.04 | 2.05 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 11,956 | 12,019 | 12,175 | 12,453 | 12,728 | 12,974 | 13,228 | 13,492 | 13,754 | 14,010 | 14,265 |
| Beginning Stocks | 973 | 1,771 | 1,881 | 1,855 | 1,845 | 1,865 | 1,885 | 1,902 | 1,924 | 1,952 | 1,979 |
| Domestic Supply | 12,929 | 13,790 | 14,056 | 14,308 | 14,573 | 14,839 | 15,113 | 15,394 | 15,678 | 15,961 | 16,244 |
| Crush | 16,891 | 17,888 | 18,424 | 18,779 | 19,300 | 19,855 | 20,417 | 20,967 | 21,524 | 22,070 | 22,622 |
| Food Use | 3,137 | 3,341 | 3,293 | 3,304 | 3,284 | 3,315 | 3,340 | 3,351 | 3,355 | 3,355 | 3,347 |
| Feed Use | 2,067 | 2,280 | 2,421 | 2,581 | 2,758 | 2,932 | 3,105 | 3,283 | 3,463 | 3,642 | 3,821 |
| Ending Stocks | 1,771 | 1,881 | 1,855 | 1,845 | 1,865 | 1,885 | 1,902 | 1,924 | 1,952 | 1,979 | 2,006 |
| Domestic Use | 23,866 | 25,390 | 25,993 | 26,509 | 27,207 | 27,987 | 28,764 | 29,525 | 30,293 | 31,047 | 31,797 |
| Net Trade | -10,937 | -11,601 | -11,937 | -12,201 | -12,635 | -13,148 | -13,650 | -14,131 | -14,615 | -15,086 | -15,552 |
| **Soybean Meal** | | | | | | | | | | | |
| Production | 12,884 | 13,642 | 14,051 | 14,322 | 14,719 | 15,142 | 15,571 | 15,991 | 16,415 | 16,832 | 17,253 |
| Beginning Stocks | 993 | 1,025 | 1,079 | 1,076 | 1,094 | 1,121 | 1,143 | 1,162 | 1,186 | 1,214 | 1,244 |
| Domestic Supply | 13,877 | 14,668 | 15,130 | 15,398 | 15,813 | 16,263 | 16,714 | 17,152 | 17,601 | 18,046 | 18,497 |
| Consumption | 29,928 | 30,741 | 32,330 | 33,785 | 35,454 | 36,987 | 38,514 | 40,062 | 41,622 | 43,186 | 44,746 |
| Ending Stocks | 1,025 | 1,079 | 1,076 | 1,094 | 1,121 | 1,143 | 1,162 | 1,186 | 1,214 | 1,244 | 1,275 |
| Domestic Use | 30,953 | 31,821 | 33,405 | 34,879 | 36,575 | 38,130 | 39,676 | 41,248 | 42,836 | 44,431 | 46,021 |
| Net Trade | -17,076 | -17,153 | -18,275 | -19,481 | -20,762 | -21,867 | -22,962 | -24,095 | -25,235 | -26,385 | -27,523 |
| **Soybean Oil** | | | | | | | | | | | |
| Production | 2,803 | 2,967 | 3,055 | 3,114 | 3,201 | 3,293 | 3,386 | 3,477 | 3,569 | 3,660 | 3,752 |
| Beginning Stocks | 152 | 176 | 181 | 176 | 174 | 174 | 175 | 176 | 177 | 178 | 179 |
| Domestic Supply | 2,955 | 3,142 | 3,237 | 3,290 | 3,374 | 3,467 | 3,561 | 3,653 | 3,746 | 3,838 | 3,931 |
| Consumption | 6,647 | 6,886 | 7,282 | 7,237 | 7,363 | 7,481 | 7,667 | 7,874 | 8,072 | 8,281 | 8,486 |
| Ending Stocks | 176 | 181 | 176 | 174 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| Domestic Use | 6,823 | 7,068 | 7,458 | 7,410 | 7,537 | 7,656 | 7,842 | 8,051 | 8,251 | 8,460 | 8,666 |
| Net Trade | -3,868 | -3,926 | -4,221 | -4,120 | -4,163 | -4,190 | -4,281 | -4,398 | -4,504 | -4,622 | -4,735 |

# World Rapeseed and Rapeseed Products

The world rapeseed price recovers in 2005/06 because of a production adjustment and strong demand for biodiesel in the EU, as rapeseed is the primary source of biodiesel there. The price continues to increase for the next three years because of expansion in demand. In the outer years of the baseline, a slowdown in demand growth causes the price to fall slightly. The rapeseed meal price follows a similar path. The rapeseed oil price recovers in 2005/06 but is expected to fall in 2006/07, as production growth outpaces consumption growth. It then rises steadily, along with the soybean oil price, over the outlook period.

Despite a considerable decrease in price last season, world rapeseed production still increases slightly in 2005/06 because of significant yield improvement in Canada. World production continues to grow at 1.8% annually because of yield improvements and increasing area in the EU. The EU is the largest rapeseed producer, followed by China.

World rapeseed consumption increases by 22% to reach 55 mmt by 2015/16, primarily stimulated by the biodiesel demand in the EU. The EU and China, the top rapeseed users in the world, maintain their leading positions. In most rapeseed producing countries, consumption corresponds closely to domestic production.

Income and population growth throughout the world and biodiesel demand in the EU drive the demand for rapeseed oil. Per capita consumption increases by 9% over the baseline period. Meal consumption follows the development of the livestock industries in major producing countries since rapeseed meal is far less traded than soybean meal. Total world consumption increases at an average annual rate of 2% in the coming decade.

Canada's rapeseed sector is expected to stabilize its harvested area at about 5.4 mha and expand production through yield increases to 10.6 mmt by 2015/16. Exports grow by 20%, outweighing the increase in production. Domestic consumption increases by 2% annually. Canada remains the leading exporter of rapeseed/canola in the world throughout the projection period, holding a 74% market share.

During the baseline period, rapeseed remains the dominant oilseed crop in the EU because of the emerging demand for biodiesel. In 2005/06, harvested area continues to expand. It declines in 2007/08 as the price falls in the previous season. The total area then recovers and expands to 5.4 mha by 2015/16. Yield improvements, along with area growth, drive production up to 20 mmt. Despite the expansion in crushing facilities, the demand for rapeseed oil outpaces the rapeseed crush volume. The EU becomes a net importer of rapeseed oil in 2005/06 and maintains this status throughout the baseline period.

Chinese rapeseed imports increase in 2005/06 because of reduced domestic production resulting from lower yields. Imports then continue to increase gradually, reaching 1.5 mmt by 2015/16. Domestic crush expands at an average annual rate of 1.8%. Because of the growing livestock industry, rapeseed meal imports increase over the baseline. Rapeseed oil imports are stable and small, as the increase in domestic consumption is covered by domestic production.

India holds a 27% share of world rapeseed area, but its production share is only around 14%. No improvement in its production share is expected during this baseline period. India's rapeseed plantings stabilize in 2005/06 at the level of the previous year; they are expected to stay at this level during the projection period. The country is self-sufficient in rapeseed. The export share of domestic meal production drops from 16% in 2005/06 to about 5% in 2015/16 because of livestock and dairy industry expansion. Rapeseed oil imports are stable at a low level, as expansion is hampered by a high tariff that protects India's domestic crushing industry.

## Rapeseed Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Australia | 950 | 819 | 810 | 797 | 782 | 767 | 753 | 736 | 719 | 701 | 682 |
| Canada | 4,600 | 4,692 | 4,860 | 4,981 | 5,034 | 5,098 | 5,181 | 5,262 | 5,362 | 5,453 | 5,542 |
| CIS | 207 | 192 | 200 | 207 | 212 | 215 | 217 | 220 | 223 | 226 | 229 |
| Total Net Exports * | 6,318 | 6,101 | 6,317 | 6,528 | 6,482 | 6,580 | 6,656 | 6,727 | 6,820 | 6,903 | 6,983 |
| **Net Importers** | | | | | | | | | | | |
| China | 1,199 | 1,023 | 1,060 | 1,145 | 1,164 | 1,240 | 1,292 | 1,335 | 1,394 | 1,452 | 1,510 |
| European Union | 185 | 296 | 409 | 373 | 386 | 341 | 348 | 363 | 383 | 397 | 409 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 2,300 | 2,310 | 2,304 | 2,308 | 2,314 | 2,321 | 2,328 | 2,336 | 2,343 | 2,350 | 2,358 |
| United States | 176 | 177 | 154 | 145 | 140 | 140 | 136 | 133 | 128 | 123 | 118 |
| Rest of World | 1,746 | 1,746 | 1,793 | 1,864 | 1,873 | 1,887 | 1,896 | 1,899 | 1,904 | 1,907 | 1,908 |
| Residual | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 |
| Total Net Imports | 6,318 | 6,101 | 6,317 | 6,528 | 6,482 | 6,580 | 6,656 | 6,727 | 6,820 | 6,903 | 6,983 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Cash Vancouver | 260 | 256 | 263 | 264 | 262 | 262 | 261 | 259 | 258 | 256 | 254 |
| CIF Hamburg | 265 | 266 | 273 | 275 | 273 | 272 | 272 | 270 | 268 | 266 | 264 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Rapeseed Meal Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Canada | 1,449 | 1,530 | 1,593 | 1,616 | 1,667 | 1,711 | 1,740 | 1,767 | 1,805 | 1,839 | 1,870 |
| CIS | 29 | 19 | 15 | 11 | 7 | 4 | 2 | 1 | -1 | -4 | -6 |
| European Union | -25 | -106 | -134 | 42 | 76 | 160 | 222 | 263 | 279 | 309 | 343 |
| India | 550 | 556 | 541 | 478 | 437 | 400 | 364 | 327 | 293 | 259 | 222 |
| Total Net Exports * | 2,303 | 2,420 | 2,480 | 2,469 | 2,494 | 2,506 | 2,514 | 2,518 | 2,532 | 2,548 | 2,560 |
| **Net Importers** | | | | | | | | | | | |
| China | 30 | 43 | 62 | 81 | 100 | 145 | 165 | 178 | 183 | 188 | 189 |
| Japan | 20 | 42 | 30 | 29 | 30 | 41 | 46 | 42 | 41 | 41 | 45 |
| United States | 1,241 | 1,245 | 1,250 | 1,302 | 1,312 | 1,334 | 1,355 | 1,367 | 1,377 | 1,391 | 1,407 |
| Rest of World | 594 | 550 | 554 | 618 | 628 | 638 | 645 | 652 | 657 | 665 | 671 |
| Residual | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 | 118 |
| Total Net Imports | 2,303 | 2,420 | 2,480 | 2,469 | 2,494 | 2,506 | 2,514 | 2,518 | 2,532 | 2,548 | 2,560 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Hamburg | 132 | 132 | 138 | 135 | 135 | 135 | 136 | 136 | 136 | 135 | 134 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Rapeseed Oil Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Australia | 49 | 44 | 45 | 45 | 45 | 46 | 46 | 47 | 48 | 49 | 50 |
| Canada | 1,030 | 1,038 | 1,086 | 1,103 | 1,132 | 1,165 | 1,195 | 1,223 | 1,253 | 1,282 | 1,308 |
| CIS | 16 | 10 | 9 | 8 | 5 | 3 | 1 | -2 | -4 | -7 | -10 |
| Total Net Exports * | 1,203 | 1,188 | 1,236 | 1,252 | 1,278 | 1,310 | 1,338 | 1,366 | 1,397 | 1,426 | 1,454 |
| **Net Importers** | | | | | | | | | | | |
| China | 290 | 143 | 166 | 183 | 219 | 226 | 248 | 280 | 295 | 308 | 326 |
| European Union | 125 | 301 | 332 | 275 | 248 | 269 | 263 | 238 | 239 | 241 | 232 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 90 | 98 | 107 | 117 | 127 | 136 | 146 | 156 | 166 | 175 | 185 |
| United States | 403 | 411 | 421 | 429 | 441 | 447 | 456 | 468 | 477 | 485 | 496 |
| Rest of World | 278 | 231 | 206 | 243 | 238 | 227 | 220 | 218 | 211 | 205 | 201 |
| Residual | -96 | -96 | -96 | -96 | -96 | -96 | -96 | -96 | -96 | -96 | -96 |
| Total Net Imports | 1,203 | 1,188 | 1,236 | 1,252 | 1,278 | 1,310 | 1,338 | 1,366 | 1,397 | 1,426 | 1,454 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Hamburg | 700 | 679 | 704 | 722 | 726 | 737 | 745 | 747 | 754 | 762 | 767 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 27,172 | 27,488 | 27,599 | 27,764 | 27,911 | 28,060 | 28,175 | 28,287 | 28,403 | 28,530 | 28,655 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 46,646 | 47,970 | 48,606 | 49,582 | 50,543 | 51,490 | 52,315 | 53,126 | 53,941 | 54,786 | 55,629 |
| Beginning Stocks | 4,174 | 5,198 | 5,425 | 5,451 | 5,442 | 5,507 | 5,596 | 5,691 | 5,810 | 5,910 | 6,017 |
| Domestic Supply | 50,820 | 53,168 | 54,031 | 55,033 | 55,985 | 56,998 | 57,912 | 58,817 | 59,750 | 60,696 | 61,646 |
| Crush | 41,593 | 43,508 | 44,263 | 45,219 | 46,083 | 46,958 | 47,727 | 48,464 | 49,250 | 50,048 | 50,838 |
| Other Use | 3,878 | 4,084 | 4,166 | 4,220 | 4,244 | 4,292 | 4,342 | 4,392 | 4,439 | 4,480 | 4,521 |
| Residual | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 | 151 |
| Ending Stocks | 5,198 | 5,425 | 5,451 | 5,442 | 5,507 | 5,596 | 5,691 | 5,810 | 5,910 | 6,017 | 6,136 |
| Domestic Use | 50,820 | 53,168 | 54,031 | 55,033 | 55,985 | 56,998 | 57,912 | 58,817 | 59,750 | 60,696 | 61,646 |
| Trade * | 6,318 | 6,101 | 6,317 | 6,528 | 6,482 | 6,580 | 6,656 | 6,727 | 6,820 | 6,903 | 6,983 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 24,733 | 25,945 | 26,389 | 26,950 | 27,457 | 27,972 | 28,425 | 28,859 | 29,322 | 29,793 | 30,259 |
| Consumption | 24,564 | 25,812 | 26,270 | 26,828 | 27,337 | 27,850 | 28,303 | 28,737 | 29,200 | 29,669 | 30,135 |
| Ending Stocks | 305 | 320 | 321 | 325 | 327 | 331 | 335 | 339 | 344 | 350 | 355 |
| Trade * | 2,303 | 2,420 | 2,480 | 2,469 | 2,494 | 2,506 | 2,514 | 2,518 | 2,532 | 2,548 | 2,560 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 16,245 | 16,996 | 17,296 | 17,679 | 18,025 | 18,373 | 18,679 | 18,972 | 19,284 | 19,601 | 19,914 |
| Consumption | 16,392 | 17,056 | 17,389 | 17,786 | 18,122 | 18,469 | 18,771 | 19,061 | 19,374 | 19,691 | 20,003 |
| Ending Stocks | 429 | 465 | 468 | 457 | 456 | 456 | 460 | 467 | 473 | 478 | 485 |
| Trade * | 1,203 | 1,188 | 1,236 | 1,252 | 1,278 | 1,310 | 1,338 | 1,366 | 1,397 | 1,426 | 1,454 |
| | | | | | (Kilograms) | | | | | | |
| Per Capita Consumption | 2.51 | 2.58 | 2.61 | 2.63 | 2.66 | 2.68 | 2.69 | 2.70 | 2.72 | 2.73 | 2.75 |

* Excludes intraregional trade.

## U.S. Canola Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Canola** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 451 | 398 | 412 | 420 | 426 | 429 | 435 | 442 | 448 | 455 | 462 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.59 | 1.62 | 1.64 | 1.66 | 1.68 | 1.70 | 1.72 | 1.74 | 1.76 | 1.79 | 1.81 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 717 | 647 | 677 | 699 | 718 | 731 | 751 | 771 | 791 | 812 | 834 |
| Beginning Stocks | 60 | 75 | 65 | 64 | 64 | 64 | 64 | 64 | 65 | 66 | 67 |
| Domestic Supply | 777 | 722 | 742 | 763 | 782 | 795 | 815 | 835 | 856 | 878 | 901 |
| Crush | 858 | 813 | 812 | 823 | 836 | 850 | 866 | 881 | 896 | 911 | 927 |
| Other Use | 20 | 21 | 21 | 21 | 21 | 21 | 21 | 22 | 23 | 23 | 24 |
| Ending Stocks | 75 | 65 | 64 | 64 | 64 | 64 | 64 | 65 | 66 | 67 | 68 |
| Domestic Use | 953 | 899 | 896 | 907 | 922 | 935 | 951 | 967 | 984 | 1,001 | 1,018 |
| Net Trade | -176 | -177 | -154 | -145 | -140 | -140 | -136 | -133 | -128 | -123 | -118 |
| **Canola Meal** | | | | | | | | | | | |
| Production | 490 | 491 | 490 | 497 | 505 | 514 | 523 | 532 | 541 | 550 | 560 |
| Beginning Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Domestic Supply | 496 | 497 | 496 | 502 | 511 | 519 | 528 | 537 | 546 | 556 | 565 |
| Consumption | 1,731 | 1,736 | 1,740 | 1,799 | 1,817 | 1,847 | 1,878 | 1,899 | 1,918 | 1,941 | 1,967 |
| Ending Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Domestic Use | 1,737 | 1,741 | 1,746 | 1,805 | 1,823 | 1,853 | 1,883 | 1,904 | 1,923 | 1,947 | 1,972 |
| Net Trade | -1,241 | -1,245 | -1,250 | -1,302 | -1,312 | -1,334 | -1,355 | -1,367 | -1,377 | -1,391 | -1,407 |
| **Canola Oil** | | | | | | | | | | | |
| Production | 311 | 312 | 311 | 315 | 321 | 326 | 332 | 337 | 343 | 349 | 355 |
| Beginning Stocks | 58 | 50 | 50 | 47 | 44 | 41 | 38 | 35 | 34 | 33 | 32 |
| Domestic Supply | 368 | 361 | 361 | 363 | 364 | 367 | 369 | 372 | 377 | 382 | 388 |
| Consumption | 722 | 722 | 735 | 748 | 764 | 776 | 791 | 807 | 821 | 835 | 851 |
| Ending Stocks | 50 | 50 | 47 | 44 | 41 | 38 | 35 | 34 | 33 | 32 | 32 |
| Domestic Use | 772 | 772 | 782 | 792 | 805 | 814 | 826 | 841 | 854 | 867 | 883 |
| Net Trade | -403 | -411 | -421 | -429 | -441 | -447 | -456 | -468 | -477 | -485 | -496 |

Note: Rapeseed varieties low in erucic acid and glucosinulates are produced under the name canola in Canada and the U.S. They are equivalent to 00 rapeseed varieties produced elsewhere.

## Australian Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 940 | 925 | 910 | 892 | 873 | 855 | 837 | 818 | 800 | 782 | 763 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.44 | 1.35 | 1.37 | 1.39 | 1.41 | 1.42 | 1.44 | 1.46 | 1.48 | 1.50 | 1.51 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,350 | 1,251 | 1,247 | 1,239 | 1,228 | 1,218 | 1,207 | 1,195 | 1,183 | 1,170 | 1,156 |
| Beginning Stocks | 59 | 30 | 30 | 29 | 29 | 29 | 28 | 28 | 27 | 26 | 26 |
| Domestic Supply | 1,409 | 1,281 | 1,277 | 1,268 | 1,257 | 1,246 | 1,235 | 1,223 | 1,210 | 1,196 | 1,182 |
| Crush | 419 | 422 | 427 | 432 | 437 | 441 | 445 | 450 | 455 | 460 | 465 |
| Other Use | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Ending Stocks | 30 | 30 | 29 | 29 | 29 | 28 | 28 | 27 | 26 | 26 | 25 |
| Domestic Use | 459 | 462 | 466 | 471 | 475 | 479 | 483 | 487 | 491 | 495 | 499 |
| Net Trade | 950 | 819 | 810 | 797 | 782 | 767 | 753 | 736 | 719 | 701 | 682 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 240 | 242 | 245 | 247 | 250 | 253 | 255 | 258 | 261 | 263 | 266 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 240 | 242 | 245 | 247 | 250 | 253 | 255 | 258 | 261 | 263 | 266 |
| Consumption | 240 | 242 | 245 | 247 | 250 | 253 | 255 | 258 | 261 | 263 | 266 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 240 | 242 | 245 | 247 | 250 | 253 | 255 | 258 | 261 | 263 | 266 |
| Net Trade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 169 | 170 | 172 | 174 | 176 | 178 | 180 | 182 | 183 | 185 | 187 |
| Beginning Stocks | 10 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Domestic Supply | 179 | 176 | 179 | 181 | 183 | 185 | 187 | 189 | 191 | 193 | 195 |
| Consumption | 124 | 126 | 127 | 129 | 130 | 132 | 133 | 134 | 136 | 137 | 138 |
| Ending Stocks | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| Domestic Use | 130 | 132 | 134 | 136 | 137 | 138 | 140 | 142 | 143 | 144 | 145 |
| Net Trade | 49 | 44 | 45 | 45 | 45 | 46 | 46 | 47 | 48 | 49 | 50 |

## Canadian Canola Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Canola** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,280 | 5,162 | 5,195 | 5,250 | 5,277 | 5,292 | 5,313 | 5,342 | 5,370 | 5,399 | 5,426 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.83 | 1.73 | 1.76 | 1.78 | 1.81 | 1.83 | 1.86 | 1.88 | 1.91 | 1.93 | 1.96 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 9,660 | 8,954 | 9,141 | 9,370 | 9,551 | 9,709 | 9,882 | 10,068 | 10,256 | 10,447 | 10,634 |
| Beginning Stocks | 1,559 | 2,500 | 2,551 | 2,507 | 2,514 | 2,553 | 2,589 | 2,619 | 2,661 | 2,698 | 2,741 |
| Domestic Supply | 11,219 | 11,454 | 11,693 | 11,877 | 12,065 | 12,263 | 12,470 | 12,687 | 12,917 | 13,144 | 13,374 |
| Crush | 3,450 | 3,549 | 3,664 | 3,715 | 3,804 | 3,899 | 3,989 | 4,076 | 4,165 | 4,251 | 4,335 |
| Other Use | 669 | 661 | 661 | 667 | 673 | 677 | 682 | 688 | 693 | 700 | 706 |
| Ending Stocks | 2,500 | 2,551 | 2,507 | 2,514 | 2,553 | 2,589 | 2,619 | 2,661 | 2,698 | 2,741 | 2,791 |
| Domestic Use | 6,619 | 6,762 | 6,833 | 6,896 | 7,031 | 7,165 | 7,290 | 7,425 | 7,555 | 7,691 | 7,832 |
| Net Trade | 4,600 | 4,692 | 4,860 | 4,981 | 5,034 | 5,098 | 5,181 | 5,262 | 5,362 | 5,453 | 5,542 |
| **Canola Meal** | | | | | | | | | | | |
| Production | 1,966 | 2,022 | 2,088 | 2,117 | 2,168 | 2,222 | 2,273 | 2,323 | 2,373 | 2,422 | 2,470 |
| Beginning Stocks | 20 | 37 | 37 | 36 | 37 | 37 | 38 | 38 | 38 | 39 | 40 |
| Domestic Supply | 1,986 | 2,059 | 2,125 | 2,153 | 2,205 | 2,259 | 2,311 | 2,361 | 2,412 | 2,461 | 2,510 |
| Consumption | 500 | 493 | 496 | 500 | 500 | 510 | 533 | 555 | 568 | 582 | 599 |
| Ending Stocks | 37 | 37 | 36 | 37 | 37 | 38 | 38 | 38 | 39 | 40 | 40 |
| Domestic Use | 537 | 530 | 532 | 537 | 537 | 548 | 571 | 594 | 607 | 622 | 640 |
| Net Trade | 1,449 | 1,530 | 1,593 | 1,616 | 1,667 | 1,711 | 1,740 | 1,767 | 1,805 | 1,839 | 1,870 |
| **Canola Oil** | | | | | | | | | | | |
| Production | 1,430 | 1,471 | 1,519 | 1,540 | 1,577 | 1,616 | 1,653 | 1,690 | 1,726 | 1,762 | 1,797 |
| Beginning Stocks | 45 | 25 | 26 | 25 | 25 | 25 | 25 | 26 | 26 | 26 | 27 |
| Domestic Supply | 1,475 | 1,496 | 1,545 | 1,565 | 1,602 | 1,641 | 1,679 | 1,715 | 1,752 | 1,788 | 1,823 |
| Consumption | 420 | 431 | 433 | 437 | 445 | 451 | 458 | 466 | 473 | 480 | 488 |
| Ending Stocks | 25 | 26 | 25 | 25 | 25 | 25 | 26 | 26 | 26 | 27 | 27 |
| Domestic Use | 445 | 458 | 459 | 462 | 470 | 477 | 484 | 492 | 499 | 506 | 515 |
| Net Trade | 1,030 | 1,038 | 1,086 | 1,103 | 1,132 | 1,165 | 1,195 | 1,223 | 1,253 | 1,282 | 1,308 |

Note: Rapeseed varieties low in erucic acid and glucosinulates are produced under the name canola in Canada and the U.S. They are equivalent to 00 rapeseed varieties produced elsewhere.

## Chinese Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,300 | 7,359 | 7,339 | 7,295 | 7,281 | 7,262 | 7,241 | 7,222 | 7,204 | 7,190 | 7,174 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.56 | 1.69 | 1.71 | 1.73 | 1.75 | 1.77 | 1.79 | 1.81 | 1.83 | 1.85 | 1.87 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 11,400 | 12,451 | 12,564 | 12,636 | 12,757 | 12,868 | 12,976 | 13,087 | 13,199 | 13,316 | 13,430 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 11,400 | 12,451 | 12,564 | 12,636 | 12,757 | 12,868 | 12,976 | 13,087 | 13,199 | 13,316 | 13,430 |
| Crush | 12,049 | 12,910 | 13,053 | 13,203 | 13,337 | 13,518 | 13,674 | 13,824 | 13,990 | 14,161 | 14,330 |
| Other Use | 550 | 565 | 571 | 577 | 584 | 589 | 594 | 598 | 602 | 606 | 610 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 12,599 | 13,474 | 13,624 | 13,781 | 13,921 | 14,108 | 14,268 | 14,422 | 14,593 | 14,767 | 14,940 |
| Net Trade | -1,199 | -1,023 | -1,060 | -1,145 | -1,164 | -1,240 | -1,292 | -1,335 | -1,394 | -1,452 | -1,510 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 7,634 | 8,179 | 8,270 | 8,365 | 8,450 | 8,565 | 8,664 | 8,758 | 8,864 | 8,972 | 9,079 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 7,634 | 8,179 | 8,270 | 8,365 | 8,450 | 8,565 | 8,664 | 8,758 | 8,864 | 8,972 | 9,079 |
| Feed Use | 7,314 | 7,865 | 7,971 | 8,076 | 8,176 | 8,331 | 8,447 | 8,552 | 8,659 | 8,768 | 8,873 |
| Industrial Use | 350 | 357 | 361 | 370 | 374 | 379 | 382 | 385 | 388 | 391 | 395 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 7,664 | 8,222 | 8,332 | 8,446 | 8,550 | 8,710 | 8,828 | 8,937 | 9,047 | 9,160 | 9,268 |
| Net Trade | -30 | -43 | -62 | -81 | -100 | -145 | -165 | -178 | -183 | -188 | -189 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 4,325 | 4,634 | 4,685 | 4,739 | 4,787 | 4,852 | 4,908 | 4,962 | 5,022 | 5,083 | 5,144 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 4,325 | 4,634 | 4,685 | 4,739 | 4,787 | 4,852 | 4,908 | 4,962 | 5,022 | 5,083 | 5,144 |
| Consumption | 4,615 | 4,777 | 4,851 | 4,923 | 5,006 | 5,078 | 5,156 | 5,242 | 5,317 | 5,391 | 5,469 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 4,615 | 4,777 | 4,851 | 4,923 | 5,006 | 5,078 | 5,156 | 5,242 | 5,317 | 5,391 | 5,469 |
| Net Trade | -290 | -143 | -166 | -183 | -219 | -226 | -248 | -280 | -295 | -308 | -326 |

## CIS Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 565 | 583 | 585 | 586 | 584 | 580 | 575 | 571 | 568 | 564 | 561 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.07 | 1.02 | 1.04 | 1.06 | 1.08 | 1.11 | 1.13 | 1.15 | 1.17 | 1.19 | 1.22 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 604 | 594 | 609 | 622 | 633 | 642 | 649 | 657 | 666 | 674 | 683 |
| Beginning Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Domestic Supply | 606 | 596 | 611 | 624 | 635 | 644 | 652 | 660 | 668 | 677 | 685 |
| Crush | 371 | 374 | 381 | 387 | 393 | 398 | 404 | 409 | 415 | 420 | 425 |
| Other Use | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| Ending Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Domestic Use | 399 | 403 | 411 | 417 | 423 | 429 | 435 | 440 | 446 | 451 | 456 |
| Net Trade | 207 | 192 | 200 | 207 | 212 | 215 | 217 | 220 | 223 | 226 | 229 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 217 | 219 | 223 | 226 | 230 | 233 | 236 | 239 | 243 | 246 | 249 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 217 | 219 | 223 | 226 | 230 | 233 | 236 | 239 | 243 | 246 | 249 |
| Consumption | 188 | 200 | 207 | 216 | 222 | 229 | 234 | 239 | 244 | 250 | 255 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 188 | 200 | 207 | 216 | 222 | 229 | 234 | 239 | 244 | 250 | 255 |
| Net Trade | 29 | 19 | 15 | 11 | 7 | 4 | 2 | 1 | -1 | -4 | -6 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 145 | 145 | 148 | 150 | 152 | 154 | 157 | 159 | 161 | 163 | 165 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 145 | 145 | 148 | 150 | 152 | 154 | 157 | 159 | 161 | 163 | 165 |
| Consumption | 129 | 135 | 139 | 142 | 147 | 152 | 156 | 160 | 165 | 170 | 175 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 129 | 135 | 139 | 142 | 147 | 152 | 156 | 160 | 165 | 170 | 175 |
| Net Trade | 16 | 10 | 9 | 8 | 5 | 3 | 1 | -2 | -4 | -7 | -10 |

## European Union Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Total Area Harvested | 4,709 | 4,814 | 4,810 | 4,927 | 5,022 | 5,130 | 5,193 | 5,246 | 5,296 | 5,350 | 5,403 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.28 | 3.33 | 3.36 | 3.39 | 3.43 | 3.46 | 3.49 | 3.52 | 3.56 | 3.59 | 3.62 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 15,435 | 16,034 | 16,161 | 16,697 | 17,212 | 17,742 | 18,129 | 18,485 | 18,836 | 19,204 | 19,572 |
| Beginning Stocks | 1,415 | 1,342 | 1,489 | 1,548 | 1,510 | 1,506 | 1,530 | 1,566 | 1,610 | 1,647 | 1,684 |
| Domestic Supply | 16,850 | 17,376 | 17,650 | 18,245 | 18,723 | 19,247 | 19,659 | 20,052 | 20,446 | 20,851 | 21,256 |
| Crush | 14,150 | 14,592 | 14,907 | 15,479 | 15,964 | 16,390 | 16,753 | 17,100 | 17,461 | 17,825 | 18,187 |
| Other Use | 1,543 | 1,591 | 1,604 | 1,628 | 1,639 | 1,669 | 1,687 | 1,705 | 1,721 | 1,738 | 1,755 |
| Ending Stocks | 1,342 | 1,489 | 1,548 | 1,510 | 1,506 | 1,530 | 1,566 | 1,610 | 1,647 | 1,684 | 1,723 |
| Domestic Use | 17,035 | 17,671 | 18,059 | 18,618 | 19,109 | 19,588 | 20,007 | 20,415 | 20,829 | 21,248 | 21,665 |
| Net Trade | -185 | -296 | -409 | -373 | -386 | -341 | -348 | -363 | -383 | -397 | -409 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 8,185 | 8,466 | 8,647 | 8,978 | 9,259 | 9,505 | 9,714 | 9,915 | 10,123 | 10,334 | 10,542 |
| Beginning Stocks | 110 | 130 | 139 | 142 | 141 | 140 | 141 | 143 | 145 | 147 | 150 |
| Domestic Supply | 8,295 | 8,596 | 8,787 | 9,120 | 9,400 | 9,645 | 9,856 | 10,058 | 10,268 | 10,481 | 10,692 |
| Consumption | 8,190 | 8,562 | 8,779 | 8,937 | 9,183 | 9,343 | 9,491 | 9,650 | 9,842 | 10,023 | 10,197 |
| Ending Stocks | 130 | 139 | 142 | 141 | 140 | 141 | 143 | 145 | 147 | 150 | 152 |
| Domestic Use | 8,320 | 8,701 | 8,921 | 9,078 | 9,323 | 9,485 | 9,634 | 9,795 | 9,989 | 10,172 | 10,349 |
| Net Trade | -25 | -106 | -134 | 42 | 76 | 160 | 222 | 263 | 279 | 309 | 343 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 5,865 | 6,050 | 6,182 | 6,420 | 6,623 | 6,801 | 6,952 | 7,097 | 7,248 | 7,400 | 7,551 |
| Beginning Stocks | 160 | 150 | 171 | 176 | 169 | 167 | 167 | 170 | 174 | 177 | 180 |
| Domestic Supply | 6,025 | 6,200 | 6,352 | 6,597 | 6,792 | 6,967 | 7,120 | 7,267 | 7,422 | 7,577 | 7,731 |
| Food Use | 2,660 | 2,739 | 2,806 | 2,914 | 2,944 | 2,990 | 2,958 | 2,901 | 2,889 | 2,878 | 2,853 |
| Industrial Use | 3,300 | 3,551 | 3,662 | 3,748 | 3,890 | 4,039 | 4,214 | 4,389 | 4,556 | 4,721 | 4,887 |
| Other Use | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Ending Stocks | 150 | 171 | 176 | 169 | 167 | 167 | 170 | 174 | 177 | 180 | 183 |
| Domestic Use | 6,150 | 6,501 | 6,684 | 6,872 | 7,040 | 7,236 | 7,383 | 7,505 | 7,661 | 7,818 | 7,963 |
| Net Trade | -125 | -301 | -332 | -275 | -248 | -269 | -263 | -238 | -239 | -241 | -232 |

## Indian Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,200 | 7,468 | 7,533 | 7,539 | 7,555 | 7,585 | 7,616 | 7,646 | 7,681 | 7,718 | 7,757 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.94 | 0.98 | 0.99 | 0.99 | 1.00 | 1.01 | 1.01 | 1.02 | 1.03 | 1.03 | 1.04 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,800 | 7,308 | 7,424 | 7,483 | 7,552 | 7,636 | 7,720 | 7,804 | 7,893 | 7,985 | 8,080 |
| Beginning Stocks | 842 | 1,037 | 1,059 | 1,067 | 1,085 | 1,109 | 1,134 | 1,159 | 1,186 | 1,210 | 1,232 |
| Domestic Supply | 7,642 | 8,345 | 8,484 | 8,550 | 8,637 | 8,744 | 8,854 | 8,963 | 9,079 | 9,194 | 9,312 |
| Crush | 5,650 | 6,098 | 6,181 | 6,265 | 6,324 | 6,393 | 6,453 | 6,510 | 6,580 | 6,656 | 6,732 |
| Other Use | 955 | 1,188 | 1,236 | 1,201 | 1,204 | 1,217 | 1,242 | 1,266 | 1,290 | 1,306 | 1,323 |
| Ending Stocks | 1,037 | 1,059 | 1,067 | 1,085 | 1,109 | 1,134 | 1,159 | 1,186 | 1,210 | 1,232 | 1,257 |
| Domestic Use | 7,642 | 8,345 | 8,484 | 8,550 | 8,637 | 8,744 | 8,854 | 8,963 | 9,079 | 9,194 | 9,312 |
| Net Trade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 3,367 | 3,634 | 3,683 | 3,733 | 3,769 | 3,810 | 3,846 | 3,880 | 3,921 | 3,967 | 4,012 |
| Beginning Stocks | 0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Domestic Supply | 3,367 | 3,659 | 3,708 | 3,758 | 3,794 | 3,835 | 3,871 | 3,905 | 3,946 | 3,992 | 4,037 |
| Consumption | 2,792 | 3,078 | 3,142 | 3,255 | 3,332 | 3,410 | 3,481 | 3,553 | 3,628 | 3,708 | 3,790 |
| Ending Stocks | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Domestic Use | 2,817 | 3,103 | 3,167 | 3,280 | 3,357 | 3,435 | 3,506 | 3,578 | 3,653 | 3,733 | 3,815 |
| Net Trade | 550 | 556 | 541 | 478 | 437 | 400 | 364 | 327 | 293 | 259 | 222 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 2,214 | 2,390 | 2,422 | 2,455 | 2,478 | 2,505 | 2,529 | 2,551 | 2,578 | 2,608 | 2,638 |
| Beginning Stocks | 125 | 127 | 133 | 134 | 134 | 136 | 138 | 140 | 143 | 145 | 147 |
| Domestic Supply | 2,339 | 2,517 | 2,556 | 2,589 | 2,612 | 2,641 | 2,666 | 2,691 | 2,721 | 2,753 | 2,785 |
| Consumption | 2,212 | 2,383 | 2,422 | 2,455 | 2,476 | 2,503 | 2,526 | 2,548 | 2,576 | 2,606 | 2,636 |
| Ending Stocks | 127 | 133 | 134 | 134 | 136 | 138 | 140 | 143 | 145 | 147 | 149 |
| Domestic Use | 2,339 | 2,517 | 2,556 | 2,589 | 2,612 | 2,641 | 2,666 | 2,691 | 2,721 | 2,753 | 2,785 |
| Net Trade | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Japanese Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.00 | 1.02 | 1.03 | 1.04 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Beginning Stocks | 165 | 170 | 186 | 190 | 194 | 199 | 203 | 205 | 209 | 211 | 214 |
| Domestic Supply | 166 | 171 | 187 | 191 | 195 | 200 | 204 | 206 | 210 | 212 | 215 |
| Crush | 2,291 | 2,290 | 2,296 | 2,300 | 2,305 | 2,313 | 2,321 | 2,329 | 2,336 | 2,344 | 2,351 |
| Other Use | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Ending Stocks | 170 | 186 | 190 | 194 | 199 | 203 | 205 | 209 | 211 | 214 | 216 |
| Domestic Use | 2,466 | 2,481 | 2,491 | 2,499 | 2,509 | 2,521 | 2,532 | 2,542 | 2,552 | 2,562 | 2,572 |
| Net Trade | -2,300 | -2,310 | -2,304 | -2,308 | -2,314 | -2,321 | -2,328 | -2,336 | -2,343 | -2,350 | -2,358 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 1,306 | 1,306 | 1,309 | 1,311 | 1,314 | 1,319 | 1,323 | 1,327 | 1,332 | 1,336 | 1,340 |
| Beginning Stocks | 41 | 40 | 44 | 45 | 46 | 47 | 48 | 49 | 49 | 50 | 50 |
| Domestic Supply | 1,347 | 1,346 | 1,353 | 1,356 | 1,360 | 1,366 | 1,371 | 1,376 | 1,381 | 1,386 | 1,391 |
| Consumption | 1,327 | 1,344 | 1,338 | 1,338 | 1,344 | 1,359 | 1,369 | 1,369 | 1,372 | 1,377 | 1,384 |
| Ending Stocks | 40 | 44 | 45 | 46 | 47 | 48 | 49 | 49 | 50 | 50 | 51 |
| Domestic Use | 1,367 | 1,388 | 1,383 | 1,385 | 1,391 | 1,407 | 1,418 | 1,418 | 1,422 | 1,427 | 1,435 |
| Net Trade | -20 | -42 | -30 | -29 | -30 | -41 | -46 | -42 | -41 | -41 | -45 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 932 | 932 | 934 | 936 | 938 | 941 | 944 | 947 | 950 | 953 | 956 |
| Beginning Stocks | 40 | 35 | 40 | 40 | 41 | 42 | 42 | 43 | 43 | 44 | 44 |
| Domestic Supply | 972 | 967 | 973 | 976 | 979 | 983 | 987 | 990 | 994 | 997 | 1,001 |
| Consumption | 1,027 | 1,025 | 1,040 | 1,052 | 1,063 | 1,077 | 1,090 | 1,102 | 1,116 | 1,128 | 1,141 |
| Ending Stocks | 35 | 40 | 40 | 41 | 42 | 42 | 43 | 43 | 44 | 44 | 45 |
| Domestic Use | 1,062 | 1,065 | 1,081 | 1,093 | 1,105 | 1,119 | 1,133 | 1,146 | 1,159 | 1,173 | 1,186 |
| Net Trade | -90 | -98 | -107 | -117 | -127 | -136 | -146 | -156 | -166 | -175 | -185 |

## Rest-of-World Rapeseed Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Rapeseed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 725 | 757 | 793 | 833 | 869 | 905 | 940 | 976 | 1,012 | 1,048 | 1,084 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.94 | 0.96 | 0.98 | 1.00 | 1.02 | 1.04 | 1.06 | 1.08 | 1.10 | 1.12 | 1.14 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 678 | 728 | 779 | 834 | 888 | 942 | 998 | 1,056 | 1,115 | 1,176 | 1,238 |
| Beginning Stocks | 72 | 42 | 43 | 43 | 44 | 45 | 47 | 48 | 49 | 50 | 52 |
| Domestic Supply | 750 | 770 | 822 | 877 | 932 | 988 | 1,045 | 1,104 | 1,164 | 1,226 | 1,290 |
| Crush | 2,354 | 2,457 | 2,541 | 2,614 | 2,681 | 2,752 | 2,820 | 2,884 | 2,951 | 3,018 | 3,085 |
| Other Use | 100 | 16 | 32 | 83 | 80 | 76 | 73 | 70 | 67 | 63 | 60 |
| Ending Stocks | 42 | 43 | 43 | 44 | 45 | 47 | 48 | 49 | 50 | 52 | 53 |
| Domestic Use | 2,496 | 2,516 | 2,615 | 2,741 | 2,805 | 2,875 | 2,941 | 3,003 | 3,068 | 3,133 | 3,198 |
| Net Trade | -1,746 | -1,746 | -1,793 | -1,864 | -1,873 | -1,887 | -1,896 | -1,899 | -1,904 | -1,907 | -1,908 |
| **Rapeseed Meal** | | | | | | | | | | | |
| Production | 1,327 | 1,385 | 1,432 | 1,474 | 1,511 | 1,551 | 1,590 | 1,626 | 1,664 | 1,701 | 1,739 |
| Beginning Stocks | 78 | 68 | 69 | 68 | 71 | 73 | 74 | 75 | 77 | 78 | 80 |
| Domestic Supply | 1,405 | 1,453 | 1,502 | 1,542 | 1,582 | 1,624 | 1,664 | 1,701 | 1,740 | 1,780 | 1,819 |
| Consumption | 1,931 | 1,934 | 1,988 | 2,088 | 2,138 | 2,188 | 2,234 | 2,277 | 2,320 | 2,364 | 2,408 |
| Ending Stocks | 68 | 69 | 68 | 71 | 73 | 74 | 75 | 77 | 78 | 80 | 82 |
| Domestic Use | 1,999 | 2,003 | 2,056 | 2,159 | 2,210 | 2,262 | 2,309 | 2,353 | 2,398 | 2,444 | 2,490 |
| Net Trade | -594 | -550 | -554 | -618 | -628 | -638 | -645 | -652 | -657 | -665 | -671 |
| **Rapeseed Oil** | | | | | | | | | | | |
| Production | 854 | 891 | 922 | 948 | 972 | 998 | 1,023 | 1,046 | 1,071 | 1,095 | 1,119 |
| Beginning Stocks | 42 | 36 | 38 | 38 | 38 | 38 | 38 | 39 | 40 | 40 | 41 |
| Domestic Supply | 896 | 927 | 960 | 986 | 1,010 | 1,037 | 1,061 | 1,085 | 1,110 | 1,135 | 1,160 |
| Consumption | 1,138 | 1,120 | 1,128 | 1,191 | 1,210 | 1,225 | 1,243 | 1,264 | 1,282 | 1,300 | 1,319 |
| Ending Stocks | 36 | 38 | 38 | 38 | 38 | 38 | 39 | 40 | 40 | 41 | 41 |
| Domestic Use | 1,174 | 1,158 | 1,166 | 1,229 | 1,248 | 1,264 | 1,282 | 1,303 | 1,322 | 1,340 | 1,361 |
| Net Trade | -278 | -231 | -206 | -243 | -238 | -227 | -220 | -218 | -211 | -205 | -201 |

# World Sunflower Seed and Sunflower Seed Products

The sunflower seed price falls again in 2005/06, along with soybean prices, because of high supply in the CIS. The price recovers in 2006/07 with production adjustment and then returns to a more traditional price relationship with other oilseeds for the remainder of the baseline. The sunflower meal price has dropped for the second consecutive year since 2004/05 because of an increase in total protein meal availability and the low price of sunflower seeds. From 2006/07 on, it grows slightly for a few years and then weakens somewhat in the later years following the soybean trend. The sunflower oil price falls in 2005/06 after four years of escalation because of the rich supply and the pressure of the low seed price. The price strengthens continuously along with other edible oil prices for the next decade.

In 2005/06, the world sunflower crop recovers from the previous decline because of the record yield in the CIS. World production declines slightly in 2006/07 as the yield in the CIS returns to average. Production then grows about 1.1% annually throughout the outlook period. The CIS maintains its position as the largest sunflower producer, holding a 39% share of world production; Argentina is the next-largest producer, with a 14% share by 2015/16.

In 2005/06, world sunflower trade rebounds from the previous year's low level. Total world trade remains stable at 1.5 mmt over the outlook. The export share of the CIS is expected to be around 16% by 2015/16. Argentina supplies between 6% and 13% of world exports. The EU is the only significant importer of sunflower seed, accounting for 64% of all imports over the outlook. The rest is taken by a large number of small importers.

CIS production increases in 2005/06 because sunflower seed area takes the acreage switched from corn. Production declines next season because of the lower price in 2005/06. Production then increases to 13.4 mmt by 2015/16. Sunflower area in the CIS increases 13% by 2015/16. The CIS share of domestically crushed seeds reaches 91% over the projection period. Domestic crush in Russia and Ukraine is primarily supported by improved crushing facilities and also by high export taxes.

In 2005/06, Argentine sunflower area expands by 16.4% despite a lower price last season because of the expectation of a drop in wheat and soybean prices. Lower prices in 2005/06 with a flat price path for the remaining years keep the area expansion at an average annual rate of 0.9%. Area expansion and yield improvements combined result in a 26% growth in sunflower seed production, to 4.8 mmt, by 2015/16. More than 93% of the production is used domestically by an export-oriented crushing industry. Argentina exports more than 78% of its sunflower meal production and about 79% of its sunflower oil production throughout the baseline.

China holds a stable 6% share of world sunflower production, producing about 2 mmt annually over the outlook period. Only a small portion of sunflower seed production is exported. Domestic demand for food use accounts for 47% of the production over the next 10 years while 40% of the production is crushed for meal and oil, which makes the country almost self-sufficient in sunflower meal. Small but growing amounts of sunflower oil are imported during the baseline.

Sunflower meal production in the world increases steadily, from the current level of 10.9 mmt to 12.7 mmt by 2015/16. Consumption develops slightly slower, so that stocks build up at an annual rate of 2.5%; however, in relation to total use, stocks remain at about a 2% level. World trade in sunflower meal grows by 20% to 3 mmt. Argentina and the CIS are still the dominant exporters while the EU remains the most significant buyer in the international market.

The CIS surpasses Argentina to become the largest sunflower oil exporter in 2007/08. The CIS supplies 44% of world exports over the next decade while Argentina holds a 43% market share. The EU is the single-largest importer, accounting for a stable 44% of world imports throughout the projection period.

## Sunflower Seed Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 143 | 263 | 284 | 285 | 286 | 278 | 270 | 263 | 249 | 236 | 224 |
| China | 77 | 149 | 162 | 169 | 173 | 176 | 182 | 187 | 189 | 189 | 187 |
| CIS | 789 | 420 | 272 | 171 | 227 | 241 | 250 | 270 | 287 | 299 | 315 |
| United States | 119 | 65 | 25 | 61 | 72 | 67 | 61 | 55 | 47 | 36 | 24 |
| Rest of World | 251 | 480 | 614 | 614 | 544 | 508 | 488 | 457 | 453 | 460 | 466 |
| Total Net Exports * | 1,499 | 1,579 | 1,563 | 1,524 | 1,497 | 1,491 | 1,482 | 1,468 | 1,464 | 1,462 | 1,459 |
| **Net Importers** | | | | | | | | | | | |
| European Union | 1,153 | 1,150 | 1,131 | 1,074 | 1,076 | 1,045 | 1,025 | 1,005 | 998 | 994 | 991 |
| Residual | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 |
| Total Net Imports | 1,499 | 1,579 | 1,563 | 1,524 | 1,497 | 1,491 | 1,482 | 1,468 | 1,464 | 1,462 | 1,459 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| CIF Lower Rhine | 282 | 290 | 303 | 306 | 306 | 306 | 306 | 306 | 303 | 299 | 296 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Sunflower Meal Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 1,200 | 1,214 | 1,239 | 1,254 | 1,277 | 1,305 | 1,332 | 1,358 | 1,386 | 1,414 | 1,442 |
| CIS | 1,415 | 1,370 | 1,392 | 1,416 | 1,445 | 1,479 | 1,523 | 1,571 | 1,617 | 1,660 | 1,705 |
| United States | 18 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total Net Exports * | 2,633 | 2,588 | 2,636 | 2,675 | 2,727 | 2,789 | 2,860 | 2,933 | 3,007 | 3,079 | 3,152 |
| **Net Importers** | | | | | | | | | | | |
| China | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| European Union | 1,985 | 1,934 | 1,954 | 1,929 | 1,923 | 1,934 | 1,954 | 1,973 | 1,992 | 2,009 | 2,027 |
| Rest of World | 339 | 345 | 374 | 437 | 494 | 546 | 597 | 651 | 706 | 760 | 816 |
| Residual | 299 | 299 | 299 | 299 | 299 | 299 | 299 | 299 | 299 | 299 | 299 |
| Total Net Imports | 2,633 | 2,588 | 2,636 | 2,675 | 2,727 | 2,789 | 2,860 | 2,933 | 3,007 | 3,079 | 3,152 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| CIF Rotterdam | 113 | 118 | 123 | 122 | 121 | 121 | 120 | 119 | 116 | 113 | 110 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Sunflower Oil Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 1,230 | 1,241 | 1,268 | 1,289 | 1,314 | 1,347 | 1,380 | 1,411 | 1,445 | 1,479 | 1,514 |
| CIS | 1,045 | 1,106 | 1,158 | 1,186 | 1,215 | 1,250 | 1,289 | 1,331 | 1,369 | 1,403 | 1,436 |
| United States | 118 | 124 | 99 | 83 | 76 | 73 | 71 | 69 | 68 | 67 | 67 |
| Total Net Exports * | 2,393 | 2,471 | 2,525 | 2,558 | 2,606 | 2,670 | 2,740 | 2,812 | 2,882 | 2,949 | 3,016 |
| **Net Importers** | | | | | | | | | | | |
| China | 10 | 14 | 21 | 29 | 35 | 40 | 45 | 49 | 53 | 58 | 62 |
| European Union | 921 | 953 | 998 | 980 | 991 | 1,024 | 1,064 | 1,104 | 1,140 | 1,174 | 1,207 |
| Rest of World | 1,062 | 1,104 | 1,106 | 1,149 | 1,180 | 1,206 | 1,231 | 1,259 | 1,289 | 1,318 | 1,347 |
| Residual | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| Total Net Imports | 2,393 | 2,471 | 2,525 | 2,558 | 2,606 | 2,670 | 2,740 | 2,812 | 2,882 | 2,949 | 3,016 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB NW Europe | 637 | 638 | 657 | 660 | 663 | 667 | 672 | 676 | 679 | 682 | 686 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 23,305 | 23,394 | 23,563 | 23,741 | 23,768 | 23,851 | 23,950 | 24,046 | 24,176 | 24,305 | 24,435 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 29,898 | 29,271 | 29,816 | 30,463 | 30,922 | 31,454 | 31,998 | 32,539 | 33,120 | 33,700 | 34,286 |
| Beginning Stocks | 1,400 | 1,720 | 1,540 | 1,485 | 1,578 | 1,620 | 1,651 | 1,685 | 1,723 | 1,769 | 1,814 |
| Domestic Supply | 31,298 | 30,991 | 31,355 | 31,948 | 32,500 | 33,074 | 33,648 | 34,224 | 34,843 | 35,469 | 36,099 |
| Crush | 25,261 | 25,508 | 25,880 | 26,326 | 26,796 | 27,285 | 27,769 | 28,248 | 28,754 | 29,266 | 29,783 |
| Other Use | 4,091 | 3,718 | 3,764 | 3,817 | 3,858 | 3,912 | 3,968 | 4,027 | 4,095 | 4,163 | 4,233 |
| Residual | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 | 226 |
| Ending Stocks | 1,720 | 1,540 | 1,485 | 1,578 | 1,620 | 1,651 | 1,685 | 1,723 | 1,769 | 1,814 | 1,857 |
| Domestic Use | 31,298 | 30,991 | 31,355 | 31,948 | 32,500 | 33,074 | 33,648 | 34,224 | 34,843 | 35,469 | 36,099 |
| Trade * | 1,499 | 1,579 | 1,563 | 1,524 | 1,497 | 1,491 | 1,482 | 1,468 | 1,464 | 1,462 | 1,459 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 10,895 | 11,001 | 11,137 | 11,317 | 11,508 | 11,705 | 11,899 | 12,090 | 12,294 | 12,501 | 12,709 |
| Consumption | 10,589 | 10,696 | 10,835 | 11,014 | 11,205 | 11,400 | 11,594 | 11,784 | 11,987 | 12,193 | 12,402 |
| Ending Stocks | 227 | 234 | 237 | 241 | 245 | 251 | 257 | 265 | 273 | 281 | 290 |
| Trade * | 2,633 | 2,588 | 2,636 | 2,675 | 2,727 | 2,789 | 2,860 | 2,933 | 3,007 | 3,079 | 3,152 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 10,364 | 10,443 | 10,594 | 10,776 | 10,968 | 11,168 | 11,366 | 11,562 | 11,769 | 11,979 | 12,191 |
| Consumption | 9,910 | 10,009 | 10,185 | 10,377 | 10,565 | 10,761 | 10,957 | 11,152 | 11,359 | 11,569 | 11,781 |
| Ending Stocks | 533 | 568 | 577 | 576 | 579 | 586 | 595 | 605 | 616 | 626 | 636 |
| Trade * | 2,393 | 2,471 | 2,525 | 2,558 | 2,606 | 2,670 | 2,740 | 2,812 | 2,882 | 2,949 | 3,016 |
| | | | | | (Kilograms) | | | | | | |
| Per Capita Consumption | 1.52 | 1.52 | 1.53 | 1.54 | 1.55 | 1.56 | 1.57 | 1.58 | 1.59 | 1.61 | 1.62 |

* Excludes intraregional trade.

## U.S. Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,056 | 962 | 895 | 918 | 913 | 903 | 895 | 890 | 886 | 878 | 871 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.73 | 1.51 | 1.52 | 1.54 | 1.55 | 1.57 | 1.59 | 1.60 | 1.62 | 1.63 | 1.65 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,823 | 1,452 | 1,364 | 1,414 | 1,419 | 1,417 | 1,420 | 1,426 | 1,434 | 1,435 | 1,437 |
| Beginning Stocks | 90 | 249 | 216 | 200 | 205 | 205 | 204 | 204 | 206 | 209 | 212 |
| Domestic Supply | 1,913 | 1,701 | 1,580 | 1,614 | 1,624 | 1,623 | 1,624 | 1,630 | 1,639 | 1,644 | 1,649 |
| Crush | 798 | 729 | 670 | 651 | 641 | 637 | 637 | 637 | 639 | 641 | 644 |
| Food | 747 | 692 | 685 | 698 | 707 | 714 | 722 | 732 | 744 | 755 | 766 |
| Ending Stocks | 249 | 216 | 200 | 205 | 205 | 204 | 204 | 206 | 209 | 212 | 215 |
| Domestic Use | 1,794 | 1,636 | 1,556 | 1,553 | 1,553 | 1,555 | 1,564 | 1,576 | 1,593 | 1,608 | 1,625 |
| Net Trade | 119 | 65 | 25 | 61 | 72 | 67 | 61 | 55 | 47 | 36 | 24 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 394 | 363 | 334 | 324 | 319 | 318 | 318 | 318 | 319 | 320 | 321 |
| Beginning Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Domestic Supply | 399 | 368 | 339 | 329 | 324 | 322 | 322 | 322 | 323 | 324 | 326 |
| Consumption | 376 | 359 | 330 | 320 | 315 | 313 | 313 | 313 | 314 | 315 | 316 |
| Ending Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Domestic Use | 381 | 363 | 334 | 324 | 319 | 318 | 318 | 318 | 319 | 320 | 321 |
| Net Trade | 18 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 347 | 319 | 293 | 284 | 280 | 279 | 279 | 279 | 280 | 280 | 282 |
| Beginning Stocks | 10 | 37 | 37 | 35 | 34 | 33 | 33 | 32 | 32 | 33 | 33 |
| Domestic Supply | 357 | 356 | 330 | 319 | 314 | 312 | 311 | 311 | 312 | 313 | 315 |
| Consumption | 202 | 194 | 197 | 202 | 204 | 206 | 208 | 209 | 211 | 213 | 215 |
| Ending Stocks | 37 | 37 | 35 | 34 | 33 | 33 | 32 | 32 | 33 | 33 | 34 |
| Domestic Use | 239 | 232 | 232 | 236 | 237 | 239 | 240 | 242 | 244 | 246 | 248 |
| Net Trade | 118 | 124 | 99 | 83 | 76 | 73 | 71 | 69 | 68 | 67 | 67 |

## Argentine Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,200 | 2,222 | 2,247 | 2,269 | 2,289 | 2,310 | 2,330 | 2,351 | 2,372 | 2,392 | 2,412 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.73 | 1.83 | 1.85 | 1.87 | 1.88 | 1.90 | 1.92 | 1.94 | 1.96 | 1.97 | 1.99 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,800 | 4,069 | 4,155 | 4,237 | 4,315 | 4,395 | 4,477 | 4,559 | 4,641 | 4,724 | 4,807 |
| Beginning Stocks | 504 | 396 | 405 | 404 | 415 | 428 | 439 | 449 | 460 | 473 | 486 |
| Domestic Supply | 4,304 | 4,465 | 4,559 | 4,640 | 4,730 | 4,824 | 4,916 | 5,008 | 5,101 | 5,196 | 5,292 |
| Crush | 3,700 | 3,732 | 3,805 | 3,873 | 3,948 | 4,038 | 4,128 | 4,216 | 4,309 | 4,403 | 4,498 |
| Other Use | 65 | 66 | 66 | 67 | 68 | 69 | 69 | 70 | 71 | 72 | 72 |
| Ending Stocks | 396 | 405 | 404 | 415 | 428 | 439 | 449 | 460 | 473 | 486 | 498 |
| Domestic Use | 4,161 | 4,203 | 4,275 | 4,355 | 4,444 | 4,546 | 4,646 | 4,746 | 4,852 | 4,960 | 5,068 |
| Net Trade | 143 | 263 | 284 | 285 | 286 | 278 | 270 | 263 | 249 | 236 | 224 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 1,521 | 1,534 | 1,564 | 1,592 | 1,623 | 1,660 | 1,697 | 1,733 | 1,771 | 1,810 | 1,849 |
| Beginning Stocks | 90 | 90 | 90 | 90 | 94 | 97 | 100 | 102 | 105 | 108 | 112 |
| Domestic Supply | 1,611 | 1,624 | 1,655 | 1,682 | 1,717 | 1,757 | 1,797 | 1,836 | 1,877 | 1,918 | 1,961 |
| Consumption | 321 | 320 | 325 | 334 | 342 | 352 | 362 | 372 | 383 | 393 | 403 |
| Ending Stocks | 90 | 90 | 90 | 94 | 97 | 100 | 102 | 105 | 108 | 112 | 115 |
| Domestic Use | 411 | 411 | 415 | 428 | 440 | 452 | 465 | 477 | 491 | 505 | 518 |
| Net Trade | 1,200 | 1,214 | 1,239 | 1,254 | 1,277 | 1,305 | 1,332 | 1,358 | 1,386 | 1,414 | 1,442 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 1,565 | 1,579 | 1,609 | 1,638 | 1,670 | 1,708 | 1,746 | 1,783 | 1,823 | 1,862 | 1,902 |
| Beginning Stocks | 45 | 50 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 58 | 59 |
| Domestic Supply | 1,610 | 1,629 | 1,661 | 1,691 | 1,724 | 1,763 | 1,802 | 1,840 | 1,880 | 1,921 | 1,962 |
| Consumption | 330 | 335 | 341 | 348 | 354 | 360 | 365 | 371 | 377 | 382 | 388 |
| Ending Stocks | 50 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 58 | 59 | 60 |
| Domestic Use | 380 | 387 | 394 | 402 | 409 | 416 | 422 | 429 | 435 | 442 | 448 |
| Net Trade | 1,230 | 1,241 | 1,268 | 1,289 | 1,314 | 1,347 | 1,380 | 1,411 | 1,445 | 1,479 | 1,514 |

## Chinese Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,140 | 1,125 | 1,124 | 1,122 | 1,120 | 1,118 | 1,117 | 1,117 | 1,116 | 1,113 | 1,110 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.56 | 1.66 | 1.68 | 1.70 | 1.72 | 1.74 | 1.76 | 1.78 | 1.80 | 1.82 | 1.84 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,780 | 1,867 | 1,888 | 1,908 | 1,927 | 1,945 | 1,966 | 1,987 | 2,008 | 2,025 | 2,042 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 1,780 | 1,867 | 1,888 | 1,908 | 1,927 | 1,945 | 1,966 | 1,987 | 2,008 | 2,025 | 2,042 |
| Crush | 830 | 836 | 833 | 828 | 825 | 824 | 824 | 824 | 823 | 823 | 823 |
| Food Use | 790 | 804 | 816 | 834 | 851 | 868 | 884 | 901 | 919 | 937 | 956 |
| Other Use | 83 | 79 | 77 | 77 | 77 | 76 | 76 | 76 | 76 | 76 | 76 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 1,703 | 1,718 | 1,726 | 1,739 | 1,753 | 1,768 | 1,784 | 1,801 | 1,819 | 1,837 | 1,855 |
| Net Trade | 77 | 149 | 162 | 169 | 173 | 176 | 182 | 187 | 189 | 189 | 187 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 449 | 452 | 450 | 448 | 447 | 446 | 446 | 445 | 445 | 445 | 445 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 449 | 452 | 450 | 448 | 447 | 446 | 446 | 445 | 445 | 445 | 445 |
| Feed Use | 395 | 397 | 395 | 390 | 388 | 386 | 384 | 383 | 382 | 380 | 379 |
| Industrial Use | 64 | 65 | 66 | 67 | 69 | 70 | 71 | 72 | 74 | 75 | 76 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 459 | 462 | 460 | 458 | 457 | 456 | 456 | 455 | 455 | 455 | 455 |
| Net Trade | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 | -10 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 299 | 301 | 300 | 298 | 297 | 297 | 297 | 297 | 297 | 297 | 296 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 299 | 301 | 300 | 298 | 297 | 297 | 297 | 297 | 297 | 297 | 296 |
| Consumption | 309 | 315 | 321 | 327 | 332 | 337 | 341 | 346 | 350 | 354 | 358 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 309 | 315 | 321 | 327 | 332 | 337 | 341 | 346 | 350 | 354 | 358 |
| Net Trade | -10 | -14 | -21 | -29 | -35 | -40 | -45 | -49 | -53 | -58 | -62 |

## CIS Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 9,500 | 9,462 | 9,606 | 9,774 | 9,907 | 10,035 | 10,171 | 10,318 | 10,464 | 10,606 | 10,749 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.22 | 1.11 | 1.13 | 1.14 | 1.16 | 1.17 | 1.19 | 1.20 | 1.22 | 1.23 | 1.25 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 11,565 | 10,513 | 10,818 | 11,154 | 11,453 | 11,752 | 12,064 | 12,392 | 12,726 | 13,057 | 13,394 |
| Beginning Stocks | 84 | 371 | 178 | 130 | 218 | 247 | 255 | 262 | 269 | 276 | 284 |
| Domestic Supply | 11,649 | 10,884 | 10,996 | 11,284 | 11,671 | 11,998 | 12,319 | 12,654 | 12,994 | 13,333 | 13,678 |
| Crush | 9,458 | 9,592 | 9,887 | 10,170 | 10,454 | 10,740 | 11,028 | 11,319 | 11,615 | 11,914 | 12,217 |
| Other Use | 1,031 | 694 | 707 | 724 | 743 | 762 | 779 | 797 | 816 | 836 | 856 |
| Ending Stocks | 371 | 178 | 130 | 218 | 247 | 255 | 262 | 269 | 276 | 284 | 291 |
| Domestic Use | 10,860 | 10,464 | 10,724 | 11,113 | 11,444 | 11,757 | 12,068 | 12,384 | 12,708 | 13,034 | 13,363 |
| Net Trade | 789 | 420 | 272 | 171 | 227 | 241 | 250 | 270 | 287 | 299 | 315 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 3,601 | 3,652 | 3,764 | 3,872 | 3,980 | 4,089 | 4,199 | 4,309 | 4,422 | 4,536 | 4,651 |
| Beginning Stocks | 24 | 29 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
| Domestic Supply | 3,625 | 3,681 | 3,794 | 3,902 | 4,011 | 4,122 | 4,232 | 4,344 | 4,457 | 4,572 | 4,689 |
| Consumption | 2,181 | 2,282 | 2,371 | 2,455 | 2,534 | 2,609 | 2,675 | 2,738 | 2,804 | 2,875 | 2,945 |
| Ending Stocks | 29 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
| Domestic Use | 2,210 | 2,311 | 2,401 | 2,486 | 2,567 | 2,643 | 2,709 | 2,773 | 2,840 | 2,912 | 2,983 |
| Net Trade | 1,415 | 1,370 | 1,392 | 1,416 | 1,445 | 1,479 | 1,523 | 1,571 | 1,617 | 1,660 | 1,705 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 3,909 | 3,942 | 4,063 | 4,179 | 4,296 | 4,414 | 4,532 | 4,651 | 4,773 | 4,896 | 5,020 |
| Beginning Stocks | 90 | 125 | 131 | 133 | 137 | 140 | 143 | 146 | 149 | 152 | 154 |
| Domestic Supply | 3,999 | 4,067 | 4,194 | 4,312 | 4,433 | 4,554 | 4,675 | 4,798 | 4,922 | 5,048 | 5,175 |
| Consumption | 2,829 | 2,830 | 2,902 | 2,990 | 3,077 | 3,161 | 3,240 | 3,317 | 3,401 | 3,491 | 3,582 |
| Ending Stocks | 125 | 131 | 133 | 137 | 140 | 143 | 146 | 149 | 152 | 154 | 157 |
| Domestic Use | 2,954 | 2,961 | 3,035 | 3,126 | 3,218 | 3,304 | 3,386 | 3,466 | 3,553 | 3,645 | 3,739 |
| Net Trade | 1,045 | 1,106 | 1,158 | 1,186 | 1,215 | 1,250 | 1,289 | 1,331 | 1,369 | 1,403 | 1,436 |

## European Union Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Total Area Harvested | 2,009 | 2,075 | 2,040 | 2,055 | 2,055 | 2,073 | 2,075 | 2,073 | 2,071 | 2,066 | 2,062 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.82 | 1.83 | 1.85 | 1.87 | 1.88 | 1.90 | 1.92 | 1.93 | 1.95 | 1.97 | 1.98 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,661 | 3,808 | 3,777 | 3,838 | 3,872 | 3,940 | 3,978 | 4,010 | 4,039 | 4,066 | 4,091 |
| Beginning Stocks | 475 | 439 | 477 | 491 | 476 | 470 | 478 | 490 | 502 | 517 | 531 |
| Domestic Supply | 4,136 | 4,247 | 4,254 | 4,329 | 4,348 | 4,410 | 4,456 | 4,499 | 4,541 | 4,583 | 4,623 |
| Crush | 4,240 | 4,320 | 4,277 | 4,312 | 4,344 | 4,362 | 4,368 | 4,371 | 4,384 | 4,399 | 4,413 |
| Other Use | 610 | 600 | 617 | 615 | 610 | 615 | 623 | 630 | 639 | 647 | 655 |
| Ending Stocks | 439 | 477 | 491 | 476 | 470 | 478 | 490 | 502 | 517 | 531 | 546 |
| Domestic Use | 5,289 | 5,397 | 5,385 | 5,403 | 5,425 | 5,455 | 5,481 | 5,504 | 5,540 | 5,577 | 5,614 |
| Net Trade | -1,153 | -1,150 | -1,131 | -1,074 | -1,076 | -1,045 | -1,025 | -1,005 | -998 | -994 | -991 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 2,377 | 2,420 | 2,400 | 2,422 | 2,443 | 2,456 | 2,462 | 2,467 | 2,477 | 2,488 | 2,499 |
| Beginning Stocks | 86 | 88 | 94 | 97 | 96 | 95 | 97 | 100 | 103 | 106 | 109 |
| Domestic Supply | 2,463 | 2,508 | 2,494 | 2,519 | 2,538 | 2,551 | 2,559 | 2,566 | 2,580 | 2,594 | 2,609 |
| Consumption | 4,360 | 4,348 | 4,350 | 4,353 | 4,367 | 4,388 | 4,413 | 4,437 | 4,466 | 4,494 | 4,522 |
| Ending Stocks | 88 | 94 | 97 | 96 | 95 | 97 | 100 | 103 | 106 | 109 | 113 |
| Domestic Use | 4,448 | 4,442 | 4,448 | 4,449 | 4,462 | 4,485 | 4,513 | 4,540 | 4,572 | 4,604 | 4,635 |
| Net Trade | -1,985 | -1,934 | -1,954 | -1,929 | -1,923 | -1,934 | -1,954 | -1,973 | -1,992 | -2,009 | -2,027 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 1,690 | 1,723 | 1,703 | 1,716 | 1,727 | 1,733 | 1,734 | 1,734 | 1,737 | 1,741 | 1,745 |
| Beginning Stocks | 234 | 228 | 252 | 262 | 255 | 252 | 254 | 259 | 264 | 269 | 273 |
| Domestic Supply | 1,924 | 1,951 | 1,956 | 1,978 | 1,982 | 1,985 | 1,988 | 1,992 | 2,001 | 2,010 | 2,019 |
| Food Use | 2,522 | 2,554 | 2,594 | 2,606 | 2,623 | 2,656 | 2,693 | 2,731 | 2,769 | 2,806 | 2,843 |
| Industrial Use | 95 | 97 | 98 | 98 | 98 | 99 | 100 | 102 | 103 | 104 | 105 |
| Ending Stocks | 228 | 252 | 262 | 255 | 252 | 254 | 259 | 264 | 269 | 273 | 278 |
| Domestic Use | 2,845 | 2,904 | 2,954 | 2,958 | 2,973 | 3,009 | 3,052 | 3,096 | 3,141 | 3,184 | 3,226 |
| Net Trade | -921 | -953 | -998 | -980 | -991 | -1,024 | -1,064 | -1,104 | -1,140 | -1,174 | -1,207 |

## Rest-of-World Sunflower Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sunflower Seed** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,400 | 7,548 | 7,650 | 7,601 | 7,484 | 7,414 | 7,361 | 7,297 | 7,267 | 7,249 | 7,231 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.98 | 1.00 | 1.02 | 1.04 | 1.06 | 1.08 | 1.10 | 1.12 | 1.14 | 1.16 | 1.18 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,269 | 7,562 | 7,814 | 7,912 | 7,935 | 8,006 | 8,093 | 8,164 | 8,273 | 8,394 | 8,514 |
| Beginning Stocks | 247 | 265 | 264 | 260 | 264 | 269 | 275 | 280 | 286 | 293 | 301 |
| Domestic Supply | 7,516 | 7,827 | 8,078 | 8,172 | 8,199 | 8,275 | 8,367 | 8,444 | 8,559 | 8,687 | 8,815 |
| Crush | 6,235 | 6,299 | 6,409 | 6,493 | 6,584 | 6,684 | 6,785 | 6,882 | 6,983 | 7,086 | 7,189 |
| Other Use | 765 | 784 | 795 | 801 | 802 | 808 | 814 | 820 | 830 | 841 | 851 |
| Ending Stocks | 265 | 264 | 260 | 264 | 269 | 275 | 280 | 286 | 293 | 301 | 308 |
| Domestic Use | 7,265 | 7,347 | 7,464 | 7,558 | 7,656 | 7,767 | 7,879 | 7,988 | 8,106 | 8,227 | 8,348 |
| Net Trade | 251 | 480 | 614 | 614 | 544 | 508 | 488 | 457 | 453 | 460 | 466 |
| **Sunflower Meal** | | | | | | | | | | | |
| Production | 2,553 | 2,579 | 2,624 | 2,659 | 2,696 | 2,737 | 2,778 | 2,818 | 2,859 | 2,901 | 2,944 |
| Beginning Stocks | 15 | 15 | 15 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 |
| Domestic Supply | 2,568 | 2,595 | 2,639 | 2,674 | 2,712 | 2,753 | 2,794 | 2,835 | 2,876 | 2,919 | 2,962 |
| Consumption | 2,892 | 2,924 | 2,998 | 3,095 | 3,190 | 3,282 | 3,375 | 3,468 | 3,565 | 3,661 | 3,759 |
| Ending Stocks | 15 | 15 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 | 19 |
| Domestic Use | 2,907 | 2,939 | 3,013 | 3,110 | 3,206 | 3,299 | 3,392 | 3,485 | 3,582 | 3,680 | 3,778 |
| Net Trade | -339 | -345 | -374 | -437 | -494 | -546 | -597 | -651 | -706 | -760 | -816 |
| **Sunflower Oil** | | | | | | | | | | | |
| Production | 2,554 | 2,580 | 2,625 | 2,660 | 2,697 | 2,738 | 2,779 | 2,819 | 2,860 | 2,903 | 2,945 |
| Beginning Stocks | 100 | 93 | 95 | 95 | 96 | 98 | 100 | 101 | 103 | 104 | 106 |
| Domestic Supply | 2,654 | 2,673 | 2,720 | 2,755 | 2,794 | 2,836 | 2,879 | 2,920 | 2,963 | 3,007 | 3,051 |
| Consumption | 3,623 | 3,682 | 3,732 | 3,807 | 3,876 | 3,943 | 4,009 | 4,077 | 4,148 | 4,219 | 4,290 |
| Ending Stocks | 93 | 95 | 95 | 96 | 98 | 100 | 101 | 103 | 104 | 106 | 107 |
| Domestic Use | 3,716 | 3,777 | 3,827 | 3,903 | 3,974 | 4,042 | 4,110 | 4,179 | 4,252 | 4,325 | 4,398 |
| Net Trade | -1,062 | -1,104 | -1,106 | -1,149 | -1,180 | -1,206 | -1,231 | -1,259 | -1,289 | -1,318 | -1,347 |

# World Palm Oil and Palm Kernel Products

The world palm oil price improves in 2005/06 because strong vegetable oil demand outpaced supply growth. Palm oil has the strongest annual production over the projection period compared with other vegetable oils and remains the low-cost oil. Over the remaining projection period, the palm oil price increases along with the other vegetable oil prices.

The world palm kernel oil price drops in 2005/06 because supply growth is higher than demand growth from industrial applications. The palm kernel oil price stays above the soybean oil price for the duration of the baseline.

Palm kernel meal remains the lowest-priced protein meal. The price decreases in 2005/06 but it increases for the next two years and then falls modestly in the outer years of the baseline. The palm kernel meal price remains stable relative to the soy meal price during the outlook period.

Malaysia and Indonesia are the major producers of palm oil and related products, accounting for about 88% of total world production. Malaysian palm oil production increases from 15.0 mmt in 2005/06 to 20.7 mmt in 2015/16, and net exports increase from 12.9 mmt to 17.2 mmt. Indonesia surpasses Malaysia to become the leading palm oil producer in 2010/11. Indonesia's production grows by 66% over the baseline, and its net exports increase more than 82%, reaching 18.3 mmt by 2015/16.

Major importing countries of palm oil include India, China, and the EU. India used to be the world's largest importer of palm oil but was recently overtaken by China. In 2005/06 India consumes 3.5 mmt of palm oil while 99% of its consumption is supported by imports. Population and income growth causes palm oil consumption in India to expand, driving imports up to 4.9 mmt by 2015/16. Per capita consumption increases 2.2% annually.

Palm oil imports receive more favorable treatment than do other vegetable oils in China because palm oil is not produced domestically and does not compete directly with domestically produced soft oils. Palm oil used for food consumption accounts for 78% of China's total palm oil imports over the outlook period. China's per capita consumption increases 5.7% annually, the highest rate of increase of all edible oils. Its palm oil imports increase from 3.6 mmt in 2005/06 to 6.3 mmt in 2015/16.

World palm kernel oil production expands more than 40% while trade expands almost 35% over the baseline. In 2005/06, Indonesia is the largest exporter, supplying 54% of the world exports, followed by Malaysia (37%). Over the next decade, Indonesia controls 73% of world palm kernel oil exports. The EU maintains its position as the dominant importer of palm kernel oil.

The EU is also a dominant importer of world palm kernel meal, accounting for 80% of world imports over the baseline. However, the growth of EU imports has stabilized in recent years compared to the early 1990s. EU palm kernel meal imports reach 3.9 mmt by 2015/16.

## Palm Sector Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | | | | | | | |
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Malaysia | 12,900 | 13,277 | 13,733 | 14,156 | 14,551 | 14,991 | 15,459 | 15,910 | 16,363 | 16,819 | 17,277 |
| Indonesia | 10,075 | 10,342 | 10,745 | 11,481 | 12,476 | 13,365 | 14,174 | 15,089 | 16,098 | 17,192 | 18,359 |
| Total Net Exports * | 22,975 | 23,619 | 24,478 | 25,637 | 27,027 | 28,356 | 29,633 | 30,998 | 32,461 | 34,011 | 35,637 |
| **Net Importers** | | | | | | | | | | | |
| China | 4,750 | 5,012 | 5,375 | 5,771 | 6,178 | 6,594 | 7,014 | 7,442 | 7,890 | 8,360 | 8,857 |
| European Union | 4,410 | 4,511 | 4,658 | 4,719 | 4,824 | 4,949 | 5,077 | 5,208 | 5,344 | 5,482 | 5,624 |
| India | 3,498 | 3,568 | 3,704 | 3,845 | 3,987 | 4,136 | 4,284 | 4,436 | 4,593 | 4,754 | 4,922 |
| Rest of World | 9,993 | 10,205 | 10,416 | 10,977 | 11,714 | 12,353 | 12,933 | 13,588 | 14,309 | 15,091 | 15,909 |
| Residual | 324 | 324 | 324 | 324 | 324 | 324 | 324 | 324 | 324 | 324 | 324 |
| Total Net Imports | 22,975 | 23,619 | 24,478 | 25,637 | 27,027 | 28,356 | 29,633 | 30,998 | 32,461 | 34,011 | 35,637 |
| **Palm Kernel Meal** | | | | | | | | | | | |
| **Net Exporters** | | | | | | | | | | | |
| Indonesia | 1,500 | 1,493 | 1,522 | 1,592 | 1,697 | 1,788 | 1,858 | 1,943 | 2,043 | 2,152 | 2,270 |
| Malaysia | 2,053 | 2,042 | 2,094 | 2,122 | 2,157 | 2,201 | 2,246 | 2,288 | 2,332 | 2,374 | 2,415 |
| Total Net Exports * | 3,598 | 3,580 | 3,662 | 3,759 | 3,900 | 4,034 | 4,149 | 4,276 | 4,420 | 4,571 | 4,729 |
| **Net Importers** | | | | | | | | | | | |
| European Union | 3,100 | 3,140 | 3,227 | 3,286 | 3,372 | 3,462 | 3,528 | 3,609 | 3,712 | 3,820 | 3,928 |
| Rest of World | 498 | 440 | 435 | 474 | 528 | 572 | 621 | 668 | 707 | 751 | 801 |
| Residual | -45 | -45 | -45 | -45 | -45 | -45 | -45 | -45 | -45 | -45 | -45 |
| Total Net Imports | 3,598 | 3,580 | 3,662 | 3,759 | 3,900 | 4,034 | 4,149 | 4,276 | 4,420 | 4,571 | 4,729 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| **Net Exporters** | | | | | | | | | | | |
| Indonesia | 987 | 981 | 1,012 | 1,081 | 1,180 | 1,263 | 1,335 | 1,420 | 1,514 | 1,616 | 1,725 |
| Malaysia | 515 | 496 | 486 | 476 | 453 | 430 | 410 | 384 | 354 | 322 | 295 |
| Total Net Exports * | 1,502 | 1,477 | 1,499 | 1,557 | 1,633 | 1,693 | 1,746 | 1,804 | 1,868 | 1,939 | 2,020 |
| **Net Importers** | | | | | | | | | | | |
| China | 250 | 262 | 282 | 308 | 341 | 369 | 399 | 429 | 460 | 493 | 533 |
| European Union | 693 | 722 | 751 | 766 | 787 | 812 | 838 | 862 | 887 | 913 | 939 |
| Rest of World | 413 | 346 | 320 | 336 | 359 | 365 | 363 | 367 | 375 | 387 | 401 |
| Residual | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 | 146 |
| Total Net Imports | 1,502 | 1,477 | 1,499 | 1,557 | 1,633 | 1,693 | 1,746 | 1,804 | 1,868 | 1,939 | 2,020 |
| **CIF Rotterdam Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Palm Oil | 434 | 465 | 483 | 488 | 489 | 493 | 499 | 503 | 505 | 507 | 507 |
| Palm Kernel Oil | 600 | 629 | 647 | 647 | 648 | 651 | 656 | 662 | 666 | 670 | 671 |
| Palm Kernel Meal | 80 | 89 | 96 | 96 | 93 | 91 | 89 | 87 | 85 | 83 | 79 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 34,282 | 35,340 | 36,555 | 38,051 | 39,795 | 41,442 | 43,026 | 44,731 | 46,541 | 48,445 | 50,435 |
| Consumption | 34,060 | 35,044 | 36,210 | 37,695 | 39,407 | 41,060 | 42,659 | 44,356 | 46,160 | 48,063 | 50,050 |
| Trade * | 22,975 | 23,619 | 24,478 | 25,637 | 27,027 | 28,356 | 29,633 | 30,998 | 32,461 | 34,011 | 35,637 |
| | | | | | (Kilograms) | | | | | | |
| Per Capita Consumption | 5.22 | 5.31 | 5.42 | 5.58 | 5.77 | 5.95 | 6.11 | 6.29 | 6.48 | 6.67 | 6.88 |
| **Palm Kernel Meal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,991 | 5,092 | 5,249 | 5,439 | 5,666 | 5,876 | 6,076 | 6,289 | 6,514 | 6,751 | 6,998 |
| Consumption | 5,061 | 5,145 | 5,301 | 5,480 | 5,702 | 5,914 | 6,114 | 6,327 | 6,554 | 6,790 | 7,035 |
| Trade * | 3,598 | 3,580 | 3,662 | 3,759 | 3,900 | 4,034 | 4,149 | 4,276 | 4,420 | 4,571 | 4,729 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| Production | 4,171 | 4,254 | 4,385 | 4,544 | 4,734 | 4,909 | 5,076 | 5,255 | 5,443 | 5,641 | 5,847 |
| Consumption | 4,013 | 4,101 | 4,232 | 4,391 | 4,579 | 4,754 | 4,923 | 5,102 | 5,289 | 5,488 | 5,693 |
| Trade * | 1,502 | 1,477 | 1,499 | 1,557 | 1,633 | 1,693 | 1,746 | 1,804 | 1,868 | 1,939 | 2,020 |
| | | | | | (Kilograms) | | | | | | |
| Per Capita Consumption | 0.61 | 0.62 | 0.63 | 0.65 | 0.67 | 0.69 | 0.71 | 0.72 | 0.74 | 0.76 | 0.78 |

* Excludes intraregional trade.

## Chinese Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 4,750 | 5,012 | 5,375 | 5,771 | 6,178 | 6,594 | 7,014 | 7,442 | 7,890 | 8,360 | 8,857 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 4,750 | 5,012 | 5,375 | 5,771 | 6,178 | 6,594 | 7,014 | 7,442 | 7,890 | 8,360 | 8,857 |
| Net Trade | -4,750 | -5,012 | -5,375 | -5,771 | -6,178 | -6,594 | -7,014 | -7,442 | -7,890 | -8,360 | -8,857 |

## European Union Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 200 | 200 | 211 | 219 | 211 | 208 | 210 | 214 | 219 | 224 | 229 |
| Domestic Supply | 200 | 200 | 211 | 219 | 211 | 208 | 210 | 214 | 219 | 224 | 229 |
| Consumption | 4,410 | 4,500 | 4,650 | 4,727 | 4,827 | 4,947 | 5,073 | 5,204 | 5,339 | 5,477 | 5,619 |
| Ending Stocks | 200 | 211 | 219 | 211 | 208 | 210 | 214 | 219 | 224 | 229 | 234 |
| Domestic Use | 4,610 | 4,711 | 4,869 | 4,938 | 5,035 | 5,157 | 5,287 | 5,422 | 5,563 | 5,706 | 5,853 |
| Net Trade | -4,410 | -4,511 | -4,658 | -4,719 | -4,824 | -4,949 | -5,077 | -5,208 | -5,344 | -5,482 | -5,624 |
| **Palm Kernel Meal** | | | | | | | | | | | |
| Production | 28 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 26 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 28 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 26 | 26 |
| Consumption | 3,128 | 3,167 | 3,254 | 3,313 | 3,399 | 3,489 | 3,555 | 3,636 | 3,739 | 3,847 | 3,954 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 3,128 | 3,167 | 3,254 | 3,313 | 3,399 | 3,489 | 3,555 | 3,636 | 3,739 | 3,847 | 3,954 |
| Net Trade | -3,100 | -3,140 | -3,227 | -3,286 | -3,372 | -3,462 | -3,528 | -3,609 | -3,712 | -3,820 | -3,928 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| Production | 21 | 21 | 20 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 |
| Beginning Stocks | 51 | 48 | 52 | 54 | 52 | 52 | 52 | 54 | 55 | 56 | 57 |
| Domestic Supply | 72 | 69 | 72 | 74 | 73 | 72 | 73 | 74 | 75 | 75 | 76 |
| Consumption | 717 | 739 | 769 | 788 | 809 | 832 | 857 | 881 | 906 | 931 | 958 |
| Ending Stocks | 48 | 52 | 54 | 52 | 52 | 52 | 54 | 55 | 56 | 57 | 58 |
| Domestic Use | 765 | 791 | 823 | 841 | 860 | 885 | 910 | 936 | 962 | 988 | 1,015 |
| Net Trade | -693 | -722 | -751 | -766 | -787 | -812 | -838 | -862 | -887 | -913 | -939 |

## Indian Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| Beginning Stocks | 212 | 225 | 223 | 226 | 230 | 235 | 240 | 245 | 250 | 255 | 259 |
| Domestic Supply | 252 | 266 | 265 | 269 | 274 | 280 | 286 | 292 | 298 | 304 | 310 |
| Consumption | 3,525 | 3,611 | 3,743 | 3,884 | 4,026 | 4,175 | 4,325 | 4,478 | 4,637 | 4,798 | 4,968 |
| Ending Stocks | 225 | 223 | 226 | 230 | 235 | 240 | 245 | 250 | 255 | 259 | 264 |
| Domestic Use | 3,750 | 3,834 | 3,970 | 4,114 | 4,261 | 4,415 | 4,570 | 4,728 | 4,891 | 5,058 | 5,232 |
| Net Trade | -3,498 | -3,568 | -3,704 | -3,845 | -3,987 | -4,136 | -4,284 | -4,436 | -4,593 | -4,754 | -4,922 |

## Indonesian Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 14,200 | 14,573 | 15,105 | 15,955 | 17,070 | 18,067 | 18,978 | 20,002 | 21,123 | 22,330 | 23,613 |
| Beginning Stocks | 508 | 517 | 526 | 541 | 553 | 566 | 576 | 583 | 592 | 602 | 612 |
| Domestic Supply | 14,708 | 15,090 | 15,632 | 16,496 | 17,623 | 18,632 | 19,553 | 20,585 | 21,716 | 22,932 | 24,225 |
| Consumption | 4,116 | 4,222 | 4,346 | 4,462 | 4,581 | 4,692 | 4,796 | 4,904 | 5,015 | 5,128 | 5,243 |
| Ending Stocks | 517 | 526 | 541 | 553 | 566 | 576 | 583 | 592 | 602 | 612 | 623 |
| Domestic Use | 4,633 | 4,748 | 4,887 | 5,015 | 5,147 | 5,268 | 5,380 | 5,497 | 5,618 | 5,741 | 5,866 |
| Net Trade | 10,075 | 10,342 | 10,745 | 11,481 | 12,476 | 13,365 | 14,174 | 15,089 | 16,098 | 17,192 | 18,359 |
| **Palm Kernel Meal** | | | | | | | | | | | |
| Production | 1,978 | 2,005 | 2,080 | 2,200 | 2,355 | 2,494 | 2,619 | 2,759 | 2,912 | 3,076 | 3,250 |
| Beginning Stocks | 8 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 |
| Domestic Supply | 1,986 | 2,016 | 2,091 | 2,211 | 2,367 | 2,505 | 2,631 | 2,771 | 2,925 | 3,089 | 3,263 |
| Consumption | 475 | 512 | 558 | 608 | 658 | 705 | 760 | 816 | 869 | 924 | 980 |
| Ending Stocks | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 |
| Domestic Use | 486 | 523 | 569 | 619 | 669 | 717 | 772 | 828 | 882 | 937 | 993 |
| Net Trade | 1,500 | 1,493 | 1,522 | 1,592 | 1,697 | 1,788 | 1,858 | 1,943 | 2,043 | 2,152 | 2,270 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| Production | 1,655 | 1,678 | 1,741 | 1,840 | 1,971 | 2,086 | 2,191 | 2,309 | 2,437 | 2,574 | 2,719 |
| Beginning Stocks | 99 | 105 | 109 | 112 | 115 | 118 | 120 | 121 | 123 | 125 | 126 |
| Domestic Supply | 1,754 | 1,783 | 1,849 | 1,953 | 2,086 | 2,204 | 2,311 | 2,430 | 2,560 | 2,699 | 2,845 |
| Consumption | 662 | 693 | 725 | 757 | 788 | 821 | 854 | 887 | 921 | 956 | 993 |
| Ending Stocks | 105 | 109 | 112 | 115 | 118 | 120 | 121 | 123 | 125 | 126 | 128 |
| Domestic Use | 767 | 801 | 837 | 872 | 906 | 941 | 975 | 1,010 | 1,045 | 1,082 | 1,121 |
| Net Trade | 987 | 981 | 1,012 | 1,081 | 1,180 | 1,263 | 1,335 | 1,420 | 1,514 | 1,616 | 1,725 |

## Malaysian Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 15,100 | 15,678 | 16,234 | 16,759 | 17,275 | 17,815 | 18,375 | 18,939 | 19,508 | 20,085 | 20,669 |
| Beginning Stocks | 1,400 | 1,260 | 1,238 | 1,241 | 1,258 | 1,294 | 1,326 | 1,345 | 1,369 | 1,394 | 1,420 |
| Domestic Supply | 16,500 | 16,938 | 17,472 | 17,999 | 18,533 | 19,109 | 19,700 | 20,284 | 20,877 | 21,479 | 22,090 |
| Consumption | 2,340 | 2,422 | 2,498 | 2,586 | 2,688 | 2,793 | 2,896 | 3,006 | 3,120 | 3,240 | 3,364 |
| Ending Stocks | 1,260 | 1,238 | 1,241 | 1,258 | 1,294 | 1,326 | 1,345 | 1,369 | 1,394 | 1,420 | 1,448 |
| Domestic Use | 3,600 | 3,660 | 3,739 | 3,844 | 3,982 | 4,118 | 4,241 | 4,374 | 4,514 | 4,660 | 4,812 |
| Net Trade | 12,900 | 13,277 | 13,733 | 14,156 | 14,551 | 14,991 | 15,459 | 15,910 | 16,363 | 16,819 | 17,277 |
| **Palm Kernel Meal** | | | | | | | | | | | |
| Production | 2,177 | 2,186 | 2,241 | 2,287 | 2,334 | 2,383 | 2,435 | 2,485 | 2,534 | 2,584 | 2,633 |
| Beginning Stocks | 148 | 120 | 113 | 107 | 110 | 119 | 125 | 131 | 137 | 142 | 147 |
| Domestic Supply | 2,325 | 2,306 | 2,354 | 2,393 | 2,445 | 2,502 | 2,560 | 2,616 | 2,671 | 2,725 | 2,780 |
| Consumption | 152 | 151 | 153 | 160 | 169 | 176 | 183 | 191 | 197 | 204 | 212 |
| Ending Stocks | 120 | 113 | 107 | 110 | 119 | 125 | 131 | 137 | 142 | 147 | 154 |
| Domestic Use | 272 | 264 | 260 | 271 | 287 | 301 | 314 | 328 | 339 | 351 | 365 |
| Net Trade | 2,053 | 2,042 | 2,094 | 2,122 | 2,157 | 2,201 | 2,246 | 2,288 | 2,332 | 2,374 | 2,415 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| Production | 1,839 | 1,846 | 1,893 | 1,932 | 1,972 | 2,013 | 2,057 | 2,099 | 2,140 | 2,182 | 2,224 |
| Beginning Stocks | 225 | 234 | 234 | 236 | 240 | 246 | 252 | 255 | 259 | 263 | 267 |
| Domestic Supply | 2,064 | 2,080 | 2,128 | 2,168 | 2,212 | 2,259 | 2,309 | 2,354 | 2,399 | 2,445 | 2,491 |
| Consumption | 1,315 | 1,350 | 1,406 | 1,451 | 1,513 | 1,578 | 1,643 | 1,711 | 1,782 | 1,856 | 1,925 |
| Ending Stocks | 234 | 234 | 236 | 240 | 246 | 252 | 255 | 259 | 263 | 267 | 271 |
| Domestic Use | 1,549 | 1,585 | 1,642 | 1,692 | 1,759 | 1,829 | 1,898 | 1,970 | 2,045 | 2,123 | 2,196 |
| Net Trade | 515 | 496 | 486 | 476 | 453 | 430 | 410 | 384 | 354 | 322 | 295 |

## Rest-of-World Palm Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Palm Oil** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,942 | 5,049 | 5,173 | 5,294 | 5,406 | 5,515 | 5,627 | 5,743 | 5,861 | 5,980 | 6,102 |
| Beginning Stocks | 553 | 569 | 545 | 538 | 546 | 559 | 568 | 575 | 585 | 596 | 608 |
| Domestic Supply | 5,495 | 5,618 | 5,718 | 5,832 | 5,951 | 6,074 | 6,196 | 6,319 | 6,446 | 6,576 | 6,710 |
| Consumption | 14,919 | 15,278 | 15,596 | 16,264 | 17,107 | 17,858 | 18,554 | 19,322 | 20,159 | 21,059 | 21,998 |
| Ending Stocks | 569 | 545 | 538 | 546 | 559 | 568 | 575 | 585 | 596 | 608 | 620 |
| Domestic Use | 15,488 | 15,823 | 16,135 | 16,810 | 17,666 | 18,426 | 19,129 | 19,907 | 20,755 | 21,667 | 22,619 |
| Net Trade | -9,993 | -10,205 | -10,416 | -10,977 | -11,714 | -12,353 | -12,933 | -13,588 | -14,309 | -15,091 | -15,909 |
| **Palm Kernel Meal** | | | | | | | | | | | |
| Production | 808 | 874 | 900 | 926 | 949 | 972 | 995 | 1,018 | 1,042 | 1,065 | 1,089 |
| Beginning Stocks | 12 | 12 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 14 |
| Domestic Supply | 820 | 886 | 912 | 936 | 960 | 983 | 1,007 | 1,031 | 1,055 | 1,078 | 1,102 |
| Consumption | 1,306 | 1,315 | 1,336 | 1,399 | 1,477 | 1,544 | 1,615 | 1,686 | 1,749 | 1,816 | 1,889 |
| Ending Stocks | 12 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 |
| Domestic Use | 1,318 | 1,326 | 1,347 | 1,410 | 1,488 | 1,556 | 1,627 | 1,698 | 1,762 | 1,829 | 1,904 |
| Net Trade | -498 | -440 | -435 | -474 | -528 | -572 | -621 | -668 | -707 | -751 | -801 |
| **Palm Kernel Oil** | | | | | | | | | | | |
| Production | 656 | 710 | 731 | 751 | 771 | 789 | 808 | 827 | 846 | 865 | 884 |
| Beginning Stocks | 51 | 51 | 50 | 50 | 51 | 52 | 53 | 53 | 54 | 55 | 55 |
| Domestic Supply | 707 | 761 | 781 | 802 | 822 | 841 | 860 | 880 | 900 | 919 | 939 |
| Consumption | 1,069 | 1,057 | 1,051 | 1,087 | 1,129 | 1,154 | 1,170 | 1,193 | 1,220 | 1,251 | 1,284 |
| Ending Stocks | 51 | 50 | 50 | 51 | 52 | 53 | 53 | 54 | 55 | 55 | 56 |
| Domestic Use | 1,120 | 1,107 | 1,101 | 1,138 | 1,181 | 1,206 | 1,224 | 1,247 | 1,275 | 1,307 | 1,340 |
| Net Trade | -413 | -346 | -320 | -336 | -359 | -365 | -363 | -367 | -375 | -387 | -401 |

# World Peanuts and Peanut Products

Peanuts are a less homogeneous commodity than are the other oilseeds covered in the FAPRI outlook. Peanuts fall into four basic types: Runner, Virginia, Spanish, and Valencia. Each type is distinctive in size and flavor. The FAPRI outlook uses the CIF price in Rotterdam for U.S. Runners, 40/50, as the representative world price. This price falls again in 2005/06 along with the prices of soybeans and sunflower seeds. It recovers in 2006/07 because of a production adjustment and increases about 0.7% annually throughout the baseline.

The peanut meal price follows the trend of the other protein meals and decreases again in 2005/06. It recovers in the following years, as demand strengthens and weakens in the outer years of the outlook. Although peanut oil is only a limited substitute for other major vegetable oils for some end uses, its price is expected to follow the general trends in world vegetable oil prices. The peanut oil price falls again in 2005/06 after reaching a peak in 2003/04. After this correction it increases along with other edible oil prices for the rest of the outlook period.

World peanut area declines by 1% in the coming decade. Yield improvements, especially in large producer countries such as China and India, increase total production by 9.5% over the baseline. World trade in peanuts and peanut products is thin compared with total production. Most peanut production is locally oriented, supplying the local population and responding to domestic demand. Only around 6% of world peanut, peanut oil, and peanut meal production is traded internationally.

The EU is the most significant importer of peanuts and peanut products. The EU's share of total world peanut imports accounts for 44% in 2005/06 and remains stable for the next 10 years. The EU imports more than 70% of all internationally traded peanut oil while it also dominates peanut meal imports in the world market throughout the baseline.

China's peanut area falls by 1% while yield improves by 8% over the next decade. China remains the leading producer and generates 14.8 mmt by 2015/16. More than half of Chinese peanut output is crushed while the remainder is consumed directly as food. China's peanut exports grow by 9% but stay small relative to production, as 93% of production is utilized domestically.

Peanut harvested area in India is larger than that in any other country, but it has declined over the past decade and declines again after 2006/07: from 7.7 mha to 7.4 mha by 2015/16. Yield increases compensate for area loss, keeping production above the current level. The Indian peanut crushing industry is domestically oriented; trade is negligible. About 71% of the peanuts grown in India are processed for oil to meet the growing domestic demand for vegetable oils. Population growth stimulates the total oil demand by 1.3% annually. Because of expansion of the Indian livestock and dairy industries, peanut meal consumption increases 1.4% per year throughout the outlook period.

Argentina's peanut area drops by 24% in 2005/06 because of the drought. It is expected to recover next season and increases by 28% during the baseline. Area expansion, combined with yield improvements, helps production reach 572 tmt by 2015/16. Exports and domestic consumption also increase,by 55% and 24%, respectively.

Mexican peanut consumption grows by 46 tmt and domestic production increases by 22 tmt, requiring an additional 24 tmt of imports by 2015/16. Nearly all of the domestic consumption is as food. Mexico's net imports of peanuts are increasing, but the minimum access import level that allows duty-free exports of domestically produced peanuts to the U.S. is still expected to be filled.

## Peanut Sector Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | | | | | | | |
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 205 | 216 | 224 | 234 | 244 | 256 | 267 | 279 | 292 | 304 | 317 |
| China | 948 | 977 | 978 | 978 | 983 | 990 | 997 | 1,006 | 1,014 | 1,023 | 1,032 |
| India | 100 | 100 | 99 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 |
| United States | 242 | 243 | 244 | 243 | 250 | 254 | 257 | 259 | 260 | 262 | 264 |
| Total Net Exports * | 1,495 | 1,536 | 1,544 | 1,553 | 1,575 | 1,596 | 1,617 | 1,638 | 1,659 | 1,681 | 1,704 |
| **Net Importers** | | | | | | | | | | | |
| Canada | 115 | 114 | 115 | 116 | 117 | 118 | 119 | 121 | 122 | 123 | 125 |
| European Union | 730 | 748 | 764 | 765 | 769 | 778 | 788 | 799 | 809 | 820 | 830 |
| Mexico | 95 | 95 | 97 | 100 | 103 | 105 | 107 | 110 | 113 | 116 | 120 |
| Rest of World | 399 | 423 | 412 | 417 | 430 | 439 | 446 | 452 | 459 | 466 | 473 |
| Residual | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| Total Net Imports | 1,495 | 1,536 | 1,544 | 1,553 | 1,575 | 1,596 | 1,617 | 1,638 | 1,659 | 1,681 | 1,704 |
| **Peanut Meal** | | | | | | | | | | | |
| **Net Exporters** | | | | | | | | | | | |
| Argentina | 20 | 19 | 20 | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 24 |
| India | 25 | 26 | 26 | 25 | 24 | 23 | 23 | 22 | 21 | 20 | 20 |
| United States | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Total Net Exports * | 58 | 56 | 56 | 55 | 55 | 55 | 55 | 54 | 54 | 54 | 53 |
| **Net Importers** | | | | | | | | | | | |
| China | 30 | 30 | 29 | 28 | 27 | 26 | 25 | 25 | 24 | 24 | 23 |
| European Union | 28 | 27 | 27 | 27 | 27 | 28 | 27 | 27 | 27 | 27 | 27 |
| Rest of World | -3 | -2 | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 |
| Residual | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 |
| Total Net Imports | 58 | 56 | 56 | 55 | 55 | 55 | 55 | 54 | 54 | 54 | 53 |
| **Peanut Oil** | | | | | | | | | | | |
| **Net Exporters** | | | | | | | | | | | |
| Argentina | 50 | 52 | 53 | 54 | 55 | 56 | 58 | 59 | 60 | 61 | 62 |
| China | 20 | 20 | 19 | 18 | 18 | 18 | 17 | 17 | 17 | 16 | 16 |
| India | 35 | 35 | 35 | 34 | 34 | 33 | 32 | 32 | 31 | 30 | 30 |
| Rest of World | 37 | 48 | 51 | 50 | 49 | 49 | 51 | 52 | 53 | 53 | 54 |
| Total Net Exports * | 142 | 155 | 157 | 157 | 156 | 156 | 158 | 159 | 160 | 161 | 162 |
| **Net Importers** | | | | | | | | | | | |
| European Union | 120 | 124 | 127 | 126 | 126 | 127 | 128 | 129 | 130 | 131 | 132 |
| United States | 4 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Residual | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Total Net Imports | 142 | 155 | 157 | 157 | 156 | 156 | 158 | 159 | 160 | 161 | 162 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Peanut, U.S. Runners 40/50 CIF Rotterdam | 850 | 881 | 887 | 892 | 896 | 901 | 906 | 909 | 911 | 914 | 915 |
| Peanut Meal 48/50%, Southeast Mills FC | 118 | 126 | 130 | 130 | 130 | 130 | 130 | 131 | 130 | 129 | 128 |
| Peanut Oil, CIF Rotterdam | 950 | 996 | 1,012 | 1,023 | 1,028 | 1,037 | 1,049 | 1,058 | 1,068 | 1,079 | 1,090 |

* Total net exports are the sum of all positive net exports and negative net imports.

## World Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 22,834 | 22,722 | 22,710 | 22,658 | 22,604 | 22,593 | 22,583 | 22,563 | 22,548 | 22,535 | 22,525 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 32,617 | 33,238 | 33,541 | 33,771 | 34,018 | 34,299 | 34,581 | 34,857 | 35,140 | 35,423 | 35,711 |
| Beginning Stocks | 907 | 1,013 | 955 | 929 | 921 | 926 | 930 | 932 | 935 | 940 | 944 |
| Domestic Supply | 33,524 | 34,251 | 34,495 | 34,699 | 34,939 | 35,225 | 35,511 | 35,789 | 36,075 | 36,363 | 36,655 |
| Food | 14,415 | 14,618 | 14,779 | 14,896 | 15,029 | 15,151 | 15,267 | 15,386 | 15,499 | 15,606 | 15,706 |
| Crush | 14,931 | 15,499 | 15,596 | 15,682 | 15,773 | 15,915 | 16,066 | 16,206 | 16,357 | 16,517 | 16,684 |
| Other Use | 3,009 | 3,023 | 3,035 | 3,045 | 3,055 | 3,073 | 3,090 | 3,106 | 3,123 | 3,140 | 3,159 |
| Residual | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| Ending Stocks | 1,013 | 955 | 929 | 921 | 926 | 930 | 932 | 935 | 940 | 944 | 949 |
| Domestic Use | 33,524 | 34,251 | 34,495 | 34,699 | 34,939 | 35,225 | 35,511 | 35,789 | 36,075 | 36,363 | 36,655 |
| Trade | 1,495 | 1,536 | 1,544 | 1,553 | 1,575 | 1,596 | 1,617 | 1,638 | 1,659 | 1,681 | 1,704 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 5,605 | 5,823 | 5,856 | 5,886 | 5,918 | 5,970 | 6,024 | 6,075 | 6,130 | 6,188 | 6,249 |
| Consumption | 5,611 | 5,830 | 5,863 | 5,892 | 5,925 | 5,977 | 6,031 | 6,082 | 6,137 | 6,195 | 6,256 |
| Trade | 58 | 56 | 56 | 55 | 55 | 55 | 55 | 54 | 54 | 54 | 53 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 4,762 | 4,945 | 4,975 | 5,002 | 5,031 | 5,076 | 5,123 | 5,167 | 5,215 | 5,265 | 5,318 |
| Consumption | 4,777 | 4,927 | 4,956 | 4,983 | 5,012 | 5,057 | 5,104 | 5,148 | 5,196 | 5,247 | 5,299 |
| Trade | 142 | 155 | 157 | 157 | 156 | 156 | 158 | 159 | 160 | 161 | 162 |
| | | | | | (Kilograms) | | | | | | |
| Per Capita Consumption | 0.73 | 0.75 | 0.74 | 0.74 | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 |

## U.S. Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 659 | 595 | 599 | 601 | 606 | 605 | 602 | 601 | 600 | 599 | 598 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 3.32 | 3.25 | 3.28 | 3.31 | 3.34 | 3.37 | 3.40 | 3.43 | 3.46 | 3.49 | 3.52 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,187 | 1,930 | 1,962 | 1,986 | 2,021 | 2,036 | 2,046 | 2,060 | 2,074 | 2,087 | 2,103 |
| Beginning Stocks | 642 | 807 | 749 | 717 | 705 | 706 | 705 | 703 | 701 | 701 | 700 |
| Domestic Supply | 2,829 | 2,738 | 2,711 | 2,703 | 2,726 | 2,742 | 2,751 | 2,762 | 2,775 | 2,788 | 2,803 |
| Food | 1,208 | 1,217 | 1,217 | 1,219 | 1,226 | 1,232 | 1,239 | 1,246 | 1,253 | 1,261 | 1,268 |
| Crush | 323 | 278 | 287 | 292 | 302 | 308 | 311 | 315 | 319 | 322 | 327 |
| Other | 249 | 251 | 246 | 243 | 243 | 242 | 242 | 242 | 242 | 243 | 243 |
| Ending Stocks | 807 | 749 | 717 | 705 | 706 | 705 | 703 | 701 | 701 | 700 | 700 |
| Domestic Use | 2,587 | 2,495 | 2,467 | 2,460 | 2,476 | 2,488 | 2,495 | 2,504 | 2,515 | 2,526 | 2,539 |
| Net Trade | 242 | 243 | 244 | 243 | 250 | 254 | 257 | 259 | 260 | 262 | 264 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 141 | 126 | 129 | 132 | 136 | 139 | 140 | 142 | 144 | 146 | 147 |
| Consumption | 137 | 123 | 126 | 129 | 133 | 136 | 137 | 139 | 141 | 143 | 144 |
| Ending Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Net Trade | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 107 | 91 | 94 | 96 | 99 | 101 | 102 | 103 | 104 | 105 | 107 |
| Consumption | 118 | 104 | 107 | 109 | 111 | 112 | 114 | 115 | 116 | 118 | 119 |
| Ending Stocks | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| Net Trade | -4 | -13 | -13 | -13 | -12 | -12 | -12 | -12 | -12 | -12 | -12 |

## Argentine Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 160 | 164 | 168 | 172 | 176 | 181 | 185 | 190 | 195 | 200 | 204 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.38 | 2.60 | 2.62 | 2.65 | 2.67 | 2.69 | 2.71 | 2.73 | 2.76 | 2.78 | 2.80 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 380 | 427 | 441 | 455 | 470 | 486 | 503 | 520 | 537 | 555 | 572 |
| Beginning Stocks | 65 | 35 | 36 | 37 | 38 | 40 | 41 | 41 | 42 | 43 | 44 |
| Domestic Supply | 445 | 462 | 477 | 492 | 509 | 526 | 543 | 561 | 579 | 598 | 617 |
| Crush | 175 | 180 | 185 | 189 | 193 | 197 | 202 | 206 | 210 | 215 | 219 |
| Other Use | 30 | 30 | 31 | 32 | 32 | 33 | 33 | 34 | 34 | 35 | 35 |
| Ending Stocks | 35 | 36 | 37 | 38 | 40 | 41 | 41 | 42 | 43 | 44 | 45 |
| Domestic Use | 240 | 246 | 253 | 259 | 264 | 270 | 276 | 282 | 288 | 294 | 300 |
| Net Trade | 205 | 216 | 224 | 234 | 244 | 256 | 267 | 279 | 292 | 304 | 317 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 65 | 67 | 69 | 70 | 72 | 73 | 75 | 76 | 78 | 80 | 81 |
| Beginning Stocks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Domestic Supply | 69 | 71 | 73 | 74 | 76 | 77 | 79 | 81 | 82 | 84 | 86 |
| Consumption | 45 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 58 |
| Ending Stocks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| Domestic Use | 49 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 60 | 61 | 62 |
| Net Trade | 20 | 19 | 20 | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 24 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 55 | 57 | 58 | 59 | 61 | 62 | 63 | 65 | 66 | 67 | 69 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 55 | 57 | 58 | 59 | 61 | 62 | 63 | 65 | 66 | 67 | 69 |
| Consumption | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Net Trade | 50 | 52 | 53 | 54 | 55 | 56 | 58 | 59 | 60 | 61 | 62 |

## Chinese Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,900 | 4,893 | 4,892 | 4,879 | 4,873 | 4,869 | 4,867 | 4,865 | 4,864 | 4,863 | 4,862 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 2.82 | 2.87 | 2.89 | 2.91 | 2.93 | 2.95 | 2.97 | 2.99 | 3.01 | 3.03 | 3.05 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 13,800 | 14,045 | 14,141 | 14,202 | 14,282 | 14,368 | 14,459 | 14,551 | 14,646 | 14,740 | 14,832 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 13,800 | 14,045 | 14,141 | 14,202 | 14,282 | 14,368 | 14,459 | 14,551 | 14,646 | 14,740 | 14,832 |
| Crush | 6,992 | 7,082 | 7,098 | 7,101 | 7,118 | 7,162 | 7,219 | 7,280 | 7,351 | 7,427 | 7,511 |
| Other Use | 5,860 | 5,986 | 6,064 | 6,123 | 6,180 | 6,216 | 6,242 | 6,266 | 6,281 | 6,289 | 6,290 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 12,852 | 13,068 | 13,162 | 13,224 | 13,298 | 13,378 | 13,462 | 13,546 | 13,631 | 13,717 | 13,801 |
| Net Trade | 948 | 977 | 978 | 978 | 983 | 990 | 997 | 1,006 | 1,014 | 1,023 | 1,032 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 2,732 | 2,767 | 2,774 | 2,774 | 2,781 | 2,798 | 2,821 | 2,845 | 2,872 | 2,902 | 2,935 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 2,732 | 2,767 | 2,774 | 2,774 | 2,781 | 2,798 | 2,821 | 2,845 | 2,872 | 2,902 | 2,935 |
| Consumption | 2,762 | 2,797 | 2,802 | 2,802 | 2,808 | 2,824 | 2,846 | 2,869 | 2,896 | 2,926 | 2,958 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 2,762 | 2,797 | 2,802 | 2,802 | 2,808 | 2,824 | 2,846 | 2,869 | 2,896 | 2,926 | 2,958 |
| Net Trade | -30 | -30 | -29 | -28 | -27 | -26 | -25 | -25 | -24 | -24 | -23 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 2,220 | 2,249 | 2,254 | 2,255 | 2,260 | 2,274 | 2,292 | 2,311 | 2,334 | 2,358 | 2,385 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 2,220 | 2,249 | 2,254 | 2,255 | 2,260 | 2,274 | 2,292 | 2,311 | 2,334 | 2,358 | 2,385 |
| Consumption | 2,200 | 2,229 | 2,235 | 2,236 | 2,242 | 2,256 | 2,275 | 2,295 | 2,317 | 2,342 | 2,369 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 2,200 | 2,229 | 2,235 | 2,236 | 2,242 | 2,256 | 2,275 | 2,295 | 2,317 | 2,342 | 2,369 |
| Net Trade | 20 | 20 | 19 | 18 | 18 | 18 | 17 | 17 | 17 | 16 | 16 |

## European Union Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 13 | 15 | 16 | 17 | 17 | 16 | 16 | 17 | 17 | 17 | 18 |
| Domestic Supply | 13 | 15 | 16 | 17 | 17 | 16 | 16 | 17 | 17 | 17 | 18 |
| Crush | 50 | 50 | 49 | 50 | 50 | 50 | 50 | 49 | 49 | 49 | 49 |
| Other Use | 678 | 697 | 714 | 716 | 720 | 728 | 738 | 749 | 760 | 770 | 781 |
| Ending Stocks | 15 | 16 | 17 | 17 | 16 | 16 | 17 | 17 | 17 | 18 | 18 |
| Domestic Use | 743 | 763 | 780 | 782 | 786 | 794 | 805 | 815 | 826 | 837 | 848 |
| Net Trade | -730 | -748 | -764 | -765 | -769 | -778 | -788 | -799 | -809 | -820 | -830 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| Consumption | 50 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 50 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| Net Trade | -28 | -27 | -27 | -27 | -27 | -28 | -27 | -27 | -27 | -27 | -27 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Beginning Stocks | 7 | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 |
| Domestic Supply | 25 | 23 | 23 | 24 | 23 | 23 | 23 | 23 | 23 | 23 | 24 |
| Consumption | 140 | 141 | 144 | 144 | 144 | 145 | 146 | 147 | 148 | 149 | 150 |
| Ending Stocks | 5 | 5 | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 6 |
| Domestic Use | 145 | 147 | 150 | 149 | 149 | 150 | 151 | 152 | 154 | 155 | 156 |
| Net Trade | -120 | -124 | -127 | -126 | -126 | -127 | -128 | -129 | -130 | -131 | -132 |

## Indian Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7,800 | 7,812 | 7,744 | 7,689 | 7,625 | 7,597 | 7,563 | 7,514 | 7,467 | 7,423 | 7,381 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.85 | 0.91 | 0.92 | 0.93 | 0.94 | 0.95 | 0.96 | 0.97 | 0.98 | 0.99 | 1.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,600 | 7,080 | 7,095 | 7,122 | 7,139 | 7,188 | 7,232 | 7,260 | 7,289 | 7,320 | 7,353 |
| Beginning Stocks | 55 | 25 | 25 | 26 | 27 | 27 | 28 | 29 | 30 | 31 | 32 |
| Domestic Supply | 6,655 | 7,105 | 7,120 | 7,148 | 7,166 | 7,215 | 7,261 | 7,289 | 7,319 | 7,351 | 7,384 |
| Crush | 4,555 | 5,002 | 5,011 | 5,035 | 5,050 | 5,089 | 5,125 | 5,146 | 5,167 | 5,192 | 5,216 |
| Other Use | 1,975 | 1,977 | 1,984 | 1,988 | 1,991 | 2,002 | 2,012 | 2,020 | 2,028 | 2,036 | 2,045 |
| Ending Stocks | 25 | 25 | 26 | 27 | 27 | 28 | 29 | 30 | 31 | 32 | 32 |
| Domestic Use | 6,555 | 7,005 | 7,021 | 7,050 | 7,068 | 7,119 | 7,165 | 7,195 | 7,226 | 7,259 | 7,293 |
| Net Trade | 100 | 100 | 99 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 91 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 1,780 | 1,955 | 1,958 | 1,967 | 1,973 | 1,989 | 2,003 | 2,011 | 2,019 | 2,029 | 2,038 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 1,780 | 1,955 | 1,958 | 1,967 | 1,973 | 1,989 | 2,003 | 2,011 | 2,019 | 2,029 | 2,038 |
| Consumption | 1,755 | 1,929 | 1,932 | 1,943 | 1,949 | 1,965 | 1,980 | 1,989 | 1,998 | 2,008 | 2,019 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 1,755 | 1,929 | 1,932 | 1,943 | 1,949 | 1,965 | 1,980 | 1,989 | 1,998 | 2,008 | 2,019 |
| Net Trade | 25 | 26 | 26 | 25 | 24 | 23 | 23 | 22 | 21 | 20 | 20 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 1,500 | 1,647 | 1,650 | 1,658 | 1,663 | 1,676 | 1,688 | 1,695 | 1,702 | 1,710 | 1,718 |
| Beginning Stocks | 65 | 42 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 48 |
| Domestic Supply | 1,565 | 1,689 | 1,691 | 1,700 | 1,706 | 1,720 | 1,732 | 1,740 | 1,748 | 1,757 | 1,766 |
| Consumption | 1,488 | 1,613 | 1,614 | 1,623 | 1,628 | 1,642 | 1,654 | 1,662 | 1,670 | 1,679 | 1,687 |
| Ending Stocks | 42 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 48 | 49 |
| Domestic Use | 1,530 | 1,654 | 1,657 | 1,666 | 1,672 | 1,687 | 1,700 | 1,709 | 1,717 | 1,727 | 1,736 |
| Net Trade | 35 | 35 | 35 | 34 | 34 | 33 | 32 | 32 | 31 | 30 | 30 |

## Canadian Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Domestic Supply | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Crush | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other Use | 115 | 114 | 115 | 116 | 117 | 118 | 119 | 121 | 122 | 123 | 125 |
| Ending Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Domestic Use | 120 | 119 | 120 | 121 | 122 | 123 | 124 | 126 | 127 | 128 | 130 |
| Net Trade | -115 | -114 | -115 | -116 | -117 | -118 | -119 | -121 | -122 | -123 | -125 |

## Mexican Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 60 | 60 | 61 | 61 | 62 | 63 | 63 | 64 | 65 | 65 | 66 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.52 | 1.53 | 1.55 | 1.57 | 1.59 | 1.61 | 1.63 | 1.65 | 1.67 | 1.69 | 1.71 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 91 | 92 | 94 | 96 | 98 | 101 | 103 | 105 | 108 | 110 | 113 |
| Beginning Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 91 | 92 | 94 | 96 | 98 | 101 | 103 | 105 | 108 | 110 | 113 |
| Crush | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Other Use | 182 | 183 | 187 | 192 | 197 | 202 | 206 | 212 | 217 | 223 | 228 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 186 | 187 | 191 | 196 | 201 | 206 | 210 | 216 | 221 | 227 | 232 |
| Net Trade | -95 | -95 | -97 | -100 | -103 | -105 | -107 | -110 | -113 | -116 | -120 |

## Rest-of-World Peanut Sector Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Peanuts** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 9,255 | 9,198 | 9,247 | 9,255 | 9,261 | 9,278 | 9,301 | 9,329 | 9,357 | 9,385 | 9,414 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 1.03 | 1.05 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.13 | 1.14 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 9,559 | 9,664 | 9,808 | 9,909 | 10,008 | 10,119 | 10,237 | 10,361 | 10,486 | 10,612 | 10,738 |
| Beginning Stocks | 127 | 126 | 125 | 127 | 129 | 132 | 134 | 137 | 140 | 142 | 145 |
| Domestic Supply | 9,686 | 9,790 | 9,932 | 10,036 | 129 | 10,251 | 10,372 | 10,498 | 10,626 | 10,754 | 10,883 |
| Crush | 2,832 | 2,902 | 2,962 | 3,012 | 3,057 | 3,106 | 3,156 | 3,206 | 3,257 | 3,308 | 3,359 |
| Other Use | 9,959 | 10,088 | 10,217 | 10,323 | 10,436 | 10,555 | 10,681 | 10,810 | 10,942 | 11,075 | 11,209 |
| Ending Stocks | 126 | 125 | 127 | 129 | 132 | 134 | 137 | 140 | 142 | 145 | 148 |
| Domestic Use | 12,917 | 13,114 | 13,307 | 13,465 | 13,624 | 13,795 | 13,973 | 14,156 | 14,341 | 14,527 | 14,715 |
| Net Trade | -399 | -423 | -412 | -417 | -430 | -439 | -446 | -452 | -459 | -466 | -473 |
| **Peanut Meal** | | | | | | | | | | | |
| Production | 865 | 886 | 905 | 920 | 934 | 949 | 964 | 979 | 995 | 1,010 | 1,026 |
| Beginning Stocks | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Domestic Supply | 868 | 889 | 908 | 923 | 937 | 952 | 967 | 982 | 998 | 1,013 | 1,029 |
| Consumption | 862 | 885 | 905 | 920 | 935 | 950 | 966 | 981 | 997 | 1,013 | 1,029 |
| Ending Stocks | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Domestic Use | 865 | 888 | 908 | 923 | 938 | 953 | 969 | 985 | 1,000 | 1,016 | 1,032 |
| Net Trade | 3 | 2 | 0 | -1 | -1 | -1 | -2 | -2 | -3 | -3 | -3 |
| **Peanut Oil** | | | | | | | | | | | |
| Production | 862 | 883 | 902 | 917 | 930 | 945 | 961 | 976 | 991 | 1,007 | 1,022 |
| Beginning Stocks | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Supply | 863 | 883 | 902 | 917 | 930 | 945 | 961 | 976 | 991 | 1,007 | 1,022 |
| Consumption | 826 | 835 | 851 | 866 | 881 | 896 | 910 | 924 | 939 | 953 | 968 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Domestic Use | 826 | 835 | 851 | 866 | 881 | 896 | 910 | 924 | 939 | 953 | 968 |
| Net Trade | 37 | 48 | 51 | 50 | 49 | 49 | 51 | 52 | 53 | 53 | 54 |

## Per Capita Vegetable Oil Consumption of Selected Countries

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Kilograms) | | | | | |
| **Argentina** | | | | | | | | | | | |
| Soybean Oil | 3.26 | 3.36 | 3.35 | 3.36 | 3.39 | 3.41 | 3.44 | 3.46 | 3.50 | 3.53 | 3.56 |
| Sunflower Oil | 8.27 | 8.32 | 8.38 | 8.48 | 8.56 | 8.62 | 8.68 | 8.74 | 8.81 | 8.88 | 8.94 |
| Peanut Oil | 0.13 | 0.12 | 0.13 | 0.13 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 | 0.15 | 0.15 |
| Total | 11.65 | 11.80 | 11.86 | 11.96 | 12.07 | 12.17 | 12.25 | 12.35 | 12.45 | 12.55 | 12.65 |
| **Australia** | | | | | | | | | | | |
| Rapeseed Oil | 6.12 | 6.16 | 6.18 | 6.21 | 6.23 | 6.24 | 6.26 | 6.29 | 6.29 | 6.29 | 6.30 |
| **Brazil** | | | | | | | | | | | |
| Soybean Oil | 16.48 | 16.52 | 16.27 | 16.06 | 15.91 | 15.81 | 15.71 | 15.61 | 15.52 | 15.42 | 15.30 |
| **Canada** | | | | | | | | | | | |
| Soybean Oil | 11.60 | 11.68 | 11.65 | 11.67 | 11.71 | 11.77 | 11.82 | 11.87 | 11.92 | 11.97 | 12.02 |
| Canola Oil | 12.69 | 12.92 | 12.87 | 12.88 | 12.99 | 13.07 | 13.16 | 13.28 | 13.36 | 13.46 | 13.58 |
| Total | 24.29 | 24.60 | 24.53 | 24.54 | 24.71 | 24.84 | 24.98 | 25.14 | 25.28 | 25.43 | 25.60 |
| **China** | | | | | | | | | | | |
| Soybean Oil | 6.43 | 6.79 | 7.07 | 7.38 | 7.72 | 8.07 | 8.43 | 8.79 | 9.16 | 9.55 | 9.95 |
| Rapeseed Oil | 3.51 | 3.61 | 3.65 | 3.68 | 3.72 | 3.74 | 3.77 | 3.81 | 3.84 | 3.87 | 3.90 |
| Sunflower Oil | 0.24 | 0.24 | 0.24 | 0.24 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.26 |
| Palm Oil | 3.61 | 3.79 | 4.04 | 4.31 | 4.58 | 4.86 | 5.13 | 5.41 | 5.70 | 6.00 | 6.32 |
| Palm Kernel Oil | 0.19 | 0.20 | 0.21 | 0.23 | 0.25 | 0.27 | 0.29 | 0.31 | 0.33 | 0.35 | 0.38 |
| Peanut Oil | 1.67 | 1.69 | 1.68 | 1.67 | 1.66 | 1.66 | 1.67 | 1.67 | 1.67 | 1.68 | 1.69 |
| Total | 15.65 | 16.31 | 16.89 | 17.51 | 18.18 | 18.86 | 19.54 | 20.24 | 20.96 | 21.70 | 22.49 |
| **CIS** | | | | | | | | | | | |
| Soybean Oil | 0.81 | 0.85 | 0.86 | 0.89 | 0.92 | 0.95 | 0.98 | 1.01 | 1.04 | 1.08 | 1.12 |
| Rapeseed Oil | 0.46 | 0.48 | 0.50 | 0.51 | 0.52 | 0.54 | 0.55 | 0.57 | 0.59 | 0.60 | 0.62 |
| Sunflower Oil | 10.10 | 10.10 | 10.35 | 10.66 | 10.96 | 11.25 | 11.52 | 11.79 | 12.08 | 12.38 | 12.70 |
| Total | 11.37 | 11.43 | 11.71 | 12.05 | 12.40 | 12.74 | 13.05 | 13.37 | 13.70 | 14.06 | 14.44 |
| **European Union** | | | | | | | | | | | |
| Soybean Oil | 5.19 | 5.46 | 5.49 | 5.41 | 5.38 | 5.40 | 5.43 | 5.47 | 5.50 | 5.54 | 5.57 |
| Rapeseed Oil | 13.11 | 13.81 | 14.19 | 14.60 | 14.95 | 15.37 | 15.67 | 15.92 | 16.25 | 16.58 | 16.88 |
| Sunflower Oil | 5.72 | 5.79 | 5.87 | 5.89 | 5.92 | 5.99 | 6.07 | 6.15 | 6.23 | 6.32 | 6.40 |
| Palm Oil | 11.51 | 11.73 | 12.10 | 12.28 | 12.53 | 12.82 | 13.14 | 13.46 | 13.80 | 14.15 | 14.51 |
| Palm Kernel Oil | 1.87 | 1.93 | 2.00 | 2.05 | 2.10 | 2.16 | 2.22 | 2.28 | 2.34 | 2.41 | 2.47 |
| Peanut Oil | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.37 | 0.38 | 0.38 | 0.38 | 0.38 | 0.39 |
| Total | 37.78 | 39.08 | 40.02 | 40.60 | 41.25 | 42.11 | 42.90 | 43.66 | 44.51 | 45.38 | 46.22 |
| **India** | | | | | | | | | | | |
| Soybean Oil | 2.56 | 2.66 | 2.72 | 2.78 | 2.85 | 2.93 | 3.02 | 3.10 | 3.19 | 3.27 | 3.36 |
| Rapeseed Oil | 2.02 | 2.15 | 2.15 | 2.15 | 2.14 | 2.14 | 2.13 | 2.13 | 2.19 | 2.21 | 2.24 |
| Palm Oil | 3.22 | 3.25 | 3.33 | 3.41 | 3.49 | 3.57 | 3.65 | 3.74 | 3.82 | 3.91 | 4.00 |
| Peanut Oil | 1.36 | 1.45 | 1.43 | 1.42 | 1.41 | 1.40 | 1.40 | 1.39 | 1.38 | 1.37 | 1.36 |
| Total | 9.15 | 9.51 | 9.63 | 9.77 | 9.89 | 10.05 | 10.20 | 10.35 | 10.58 | 10.76 | 10.96 |
| **Indonesia** | | | | | | | | | | | |
| Palm Oil | 14.87 | 15.02 | 15.22 | 15.40 | 15.58 | 15.73 | 15.86 | 16.00 | 16.15 | 16.30 | 16.46 |
| Palm Kernel Oil | 2.70 | 2.78 | 2.87 | 2.96 | 3.05 | 3.13 | 3.22 | 3.31 | 3.39 | 3.49 | 3.58 |
| Total | 17.57 | 17.80 | 18.09 | 18.36 | 18.63 | 18.87 | 19.08 | 19.30 | 19.54 | 19.79 | 20.04 |

## Per Capita Vegetable Oil Consumption of Selected Countries (continued)

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Kilograms) | | | | | | |
| **Japan** | | | | | | | | | | | |
| Soybean Oil | 4.88 | 4.96 | 4.96 | 4.97 | 4.99 | 5.02 | 5.05 | 5.07 | 5.09 | 5.12 | 5.13 |
| Rapeseed Oil | 8.06 | 8.04 | 8.16 | 8.26 | 8.36 | 8.48 | 8.60 | 8.72 | 8.84 | 8.97 | 9.11 |
| Total | 12.94 | 13.01 | 13.13 | 13.24 | 13.35 | 13.50 | 13.64 | 13.78 | 13.94 | 14.09 | 14.24 |
| **Malaysia** | | | | | | | | | | | |
| Palm Oil | 21.72 | 21.88 | 22.20 | 22.61 | 23.15 | 23.68 | 24.17 | 24.69 | 25.23 | 25.79 | 26.37 |
| Palm Kernel Oil | 3.49 | 3.53 | 3.64 | 3.74 | 3.85 | 3.96 | 4.07 | 4.17 | 4.29 | 4.40 | 4.52 |
| Total | 25.21 | 25.41 | 25.84 | 26.35 | 27.00 | 27.64 | 28.23 | 28.86 | 29.52 | 30.19 | 30.89 |
| **South Korea** | | | | | | | | | | | |
| Soybean Oil | 8.54 | 8.75 | 8.71 | 8.79 | 8.94 | 9.08 | 9.22 | 9.37 | 9.51 | 9.64 | 9.75 |
| **Taiwan** | | | | | | | | | | | |
| Soybean Oil | 16.93 | 17.50 | 17.38 | 17.36 | 17.48 | 17.65 | 17.79 | 17.95 | 18.12 | 18.25 | 18.39 |
| **United States** | | | | | | | | | | | |
| Soybean Oil | 27.89 | 28.36 | 28.40 | 28.44 | 28.50 | 28.52 | 28.47 | 28.39 | 28.31 | 28.23 | 28.14 |
| Sunflower Oil | 0.68 | 0.65 | 0.65 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 | 0.66 |
| Canola Oil | 2.44 | 2.42 | 2.44 | 2.46 | 2.49 | 2.51 | 2.53 | 2.56 | 2.58 | 2.61 | 2.63 |
| Peanut Oil | 0.40 | 0.34 | 0.35 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.36 | 0.37 |
| Total | 31.40 | 31.77 | 31.83 | 31.91 | 32.01 | 32.05 | 32.03 | 31.97 | 31.92 | 31.86 | 31.80 |

# World Cotton

# World Cotton

The 2005/06 crop year produces another tremendous world cotton crop. This year's production reaches an impressive 24.8 mmt, second only to last year's 26.2 mmt. The fall in production from last year is the result of a decline in both area and yields. World area falls from last year's 35.8 mha to 34.9 mha this year. Yields also fall from 732 kg/ha in 2004/05 to 711 kg/ha in 2005/06, the two highest yields on record. Mill use is expected to exceed production in 2005/06, reaching 25.3 mmt, minimally reducing world stock levels. Consequently, despite two successive years of strong production, the anticipated 2005/06 A-index price of $1,288 per mt is above last year's level of $1,180 per mt.

Chinese cotton production in 2005/06 retreats sharply from the prior year's record, falling to 5.7 mmt because of a contraction in Chinese cotton area. The reduction in domestic production does not slow Chinese mill use, which is expected to reach 9.5 mmt in 2005/06. Chinese consumption of fibers has moved sharply higher in the last several years, with the phasing out of textile quotas under WTO agreements. Consumption is expected to expand to 12.7 mmt by the end of the projection period, representing over 43% of total world consumption. Chinese area is constrained and thus grows to just over 5.8 mha by 2015/16, with yields slowly advancing to 1,188 kg per ha over the same period. The shortfall is met by net imports of 3.6 mmt in 2005/06. With mill use expanding faster than production, net imports are expected to expand to 5.5 mmt in 2015/16, making China the dominant destination for cotton trade.

The increase in demand by China is met in part by increased area in Brazil. Estimated at 0.9 mha in 2005/06, area in Brazil is expected to expand to 1.6 mha by 2015/16. Yields in Brazil are also above the world average, at 1,149 kg per ha in 2005/06, and are expected to expand to 1,234 kg per ha by 2015/16. The additional area, coupled with impressive yields, results in production of 2.0 mmt and net exports of 1.1 mmt by the end of the forecast period, more than two and a half times the volume in 2005/06.

World mill use is expected to concentrate further in a handful of countries. China, India, Pakistan, and Turkey account for 68% of world mill use in 2005/06, and their share expands to 76% of world mill use by 2015/16. Other developing countries see their growth in mill use slow or even decline, while developed countries worldwide see continued decline in their consumption of raw cotton. The share of consumption going to India and Pakistan may fluctuate, as these countries may specialize in the production of semi-manufactured products to feed China's final assembly sector.

U.S. cotton producers are having another exceptional year in 2005/06, producing a record 5.2 mmt with an average yield of 932 kg per ha, the second-best yield on record. Area is anticipated to decline modestly throughout the forecast period, falling to 5.2 mha by 2015/16. Cotton mill use in the U.S., estimated at 1.3 mmt in 2005/06, has been falling for several years. With the elimination of textile quotas and the importation of large quantities of foreign-produced apparel and home furnishings, domestic producers are expected to experience additional competitive pressures. U.S. mill use thus falls to 1.0 mmt by the end of the projection period. With the loss of domestic consumers for their production, U.S. cotton farmers increasingly rely on world markets to sell their cotton. Therefore, exports are expected to become the dominant force in U.S. cotton demand, with net exports reaching 3.9 mmt by 2015/16.

## Cotton Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 0 | 13 | 23 | 29 | 33 | 37 | 39 | 42 | 44 | 47 | 50 |
| Australia | 643 | 631 | 662 | 695 | 721 | 741 | 756 | 769 | 781 | 793 | 804 |
| Brazil | 408 | 421 | 513 | 620 | 716 | 796 | 857 | 911 | 964 | 1,018 | 1,069 |
| Other Africa | 1,392 | 1,405 | 1,463 | 1,500 | 1,519 | 1,552 | 1,567 | 1,592 | 1,625 | 1,657 | 1,688 |
| Other CIS | 434 | 536 | 578 | 599 | 604 | 605 | 607 | 614 | 623 | 631 | 632 |
| Other Middle East | 180 | 191 | 207 | 216 | 226 | 235 | 243 | 252 | 261 | 269 | 277 |
| United States | 3,578 | 3,508 | 3,463 | 3,468 | 3,535 | 3,610 | 3,692 | 3,736 | 3,772 | 3,838 | 3,927 |
| Uzbekistan | 986 | 976 | 970 | 966 | 964 | 961 | 959 | 957 | 956 | 955 | 954 |
| Total Net Exports * | 7,893 | 7,875 | 8,060 | 8,293 | 8,540 | 8,778 | 8,970 | 9,125 | 9,286 | 9,470 | 9,665 |
| **Net Importers** | | | | | | | | | | | |
| Canada | 69 | 68 | 65 | 64 | 64 | 63 | 62 | 60 | 58 | 57 | 55 |
| China | 3,559 | 3,387 | 3,719 | 4,045 | 4,330 | 4,611 | 4,780 | 4,951 | 5,126 | 5,322 | 5,536 |
| European Union | 140 | 191 | 169 | 138 | 110 | 92 | 82 | 66 | 46 | 29 | 12 |
| India | -272 | -195 | -182 | -199 | -221 | -242 | -250 | -253 | -258 | -262 | -265 |
| Indonesia | 491 | 503 | 508 | 514 | 519 | 521 | 524 | 527 | 530 | 532 | 534 |
| Japan | 156 | 154 | 114 | 102 | 103 | 95 | 95 | 94 | 92 | 89 | 88 |
| Mexico | 257 | 245 | 225 | 209 | 198 | 189 | 181 | 174 | 166 | 160 | 156 |
| Other Asia | 1,285 | 1,230 | 1,208 | 1,207 | 1,214 | 1,217 | 1,231 | 1,243 | 1,251 | 1,260 | 1,269 |
| Other Europe | 38 | 53 | 37 | 32 | 30 | 29 | 30 | 28 | 26 | 25 | 23 |
| Other Latin America | 75 | 82 | 60 | 57 | 53 | 44 | 44 | 36 | 31 | 25 | 21 |
| Pakistan | 243 | 389 | 432 | 439 | 449 | 460 | 486 | 508 | 539 | 574 | 593 |
| Russia | 317 | 315 | 311 | 309 | 307 | 307 | 305 | 303 | 302 | 301 | 302 |
| South Africa | 25 | 23 | 24 | 23 | 22 | 22 | 21 | 21 | 21 | 20 | 19 |
| South Korea | 264 | 234 | 211 | 200 | 193 | 184 | 179 | 169 | 157 | 146 | 137 |
| Taiwan | 265 | 265 | 253 | 237 | 232 | 230 | 229 | 223 | 221 | 216 | 213 |
| Turkey | 710 | 735 | 722 | 716 | 719 | 714 | 722 | 723 | 719 | 714 | 706 |
| Residual | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Net Imports | 7,893 | 7,875 | 8,060 | 8,293 | 8,540 | 8,778 | 8,970 | 9,125 | 9,286 | 9,470 | 9,665 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Cotlook A Index ** CIF Northern Europe | 1,288 | 1,349 | 1,410 | 1,413 | 1,411 | 1,413 | 1,436 | 1,471 | 1,508 | 1,530 | 1,555 |
| U.S. Farm Price | 1,061 | 1,065 | 1,127 | 1,135 | 1,132 | 1,134 | 1,151 | 1,183 | 1,221 | 1,245 | 1,270 |

Source: Cotlook, Ltd., Liverpool, England.

* Total net exports are the sum of all positive net exports and negative net imports.

** The "A" index is the average of the five lowest CIF Northern European quotes of the following descriptions (Middling 1-3/32"): Memphis; Calif./Ariz.; Mexican; Central American; Paraguayan; Turkish Izmir/Antalya; Central Asian; Pakistani 1503; Indian H-4; Chinese 329; African 'Franc Zone'; Tanzanian; Greek; and Australian.

## World Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 34,913 | 35,341 | 35,566 | 36,067 | 36,367 | 36,600 | 36,767 | 36,870 | 37,018 | 37,258 | 37,453 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 711 | 705 | 709 | 717 | 725 | 733 | 740 | 746 | 753 | 760 | 768 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 24,813 | 24,904 | 25,228 | 25,877 | 26,376 | 26,811 | 27,198 | 27,508 | 27,874 | 28,334 | 28,774 |
| Mill Use | 25,257 | 25,571 | 25,789 | 26,109 | 26,513 | 26,932 | 27,354 | 27,737 | 28,116 | 28,520 | 28,945 |
| Ending Stocks | 11,117 | 10,773 | 10,534 | 10,625 | 10,811 | 11,012 | 11,178 | 11,272 | 11,354 | 11,490 | 11,642 |
| Loss | -323 | -323 | -323 | -323 | -323 | -323 | -323 | -323 | -323 | -323 | -323 |
| | | | | | (Percent) | | | | | | |
| Stocks-to-Use Ratio | 44.02 | 42.13 | 40.85 | 40.70 | 40.78 | 40.89 | 40.87 | 40.64 | 40.38 | 40.29 | 40.22 |

## U.S. Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,544 | 5,327 | 5,174 | 5,195 | 5,211 | 5,202 | 5,197 | 5,155 | 5,110 | 5,145 | 5,183 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 932 | 872 | 881 | 890 | 898 | 907 | 916 | 925 | 934 | 943 | 1,051 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 5,168 | 4,642 | 4,559 | 4,621 | 4,681 | 4,720 | 4,762 | 4,769 | 4,772 | 4,850 | 4,933 |
| Beginning Stocks | 1,206 | 1,471 | 1,325 | 1,186 | 1,161 | 1,183 | 1,203 | 1,216 | 1,208 | 1,181 | 1,175 |
| Domestic Supply | 6,374 | 6,114 | 5,884 | 5,807 | 5,842 | 5,903 | 5,965 | 5,984 | 5,979 | 6,031 | 6,109 |
| Mill Use | 1,325 | 1,280 | 1,236 | 1,178 | 1,124 | 1,090 | 1,058 | 1,041 | 1,026 | 1,018 | 1,010 |
| Ending Stocks | 1,471 | 1,325 | 1,186 | 1,161 | 1,183 | 1,203 | 1,216 | 1,208 | 1,181 | 1,175 | 1,172 |
| Domestic Use | 2,797 | 2,605 | 2,421 | 2,339 | 2,307 | 2,293 | 2,273 | 2,249 | 2,207 | 2,193 | 2,182 |
| Net Trade | 3,578 | 3,508 | 3,463 | 3,468 | 3,535 | 3,610 | 3,692 | 3,736 | 3,772 | 3,838 | 3,927 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Argentine Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 301 | 364 | 378 | 391 | 400 | 407 | 412 | 419 | 426 | 435 | 441 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 443 | 425 | 428 | 431 | 435 | 438 | 441 | 444 | 448 | 451 | 455 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 133 | 155 | 162 | 168 | 174 | 178 | 182 | 186 | 191 | 196 | 201 |
| Beginning Stocks | 125 | 121 | 129 | 135 | 141 | 147 | 152 | 155 | 158 | 161 | 164 |
| Domestic Supply | 258 | 276 | 291 | 304 | 315 | 326 | 334 | 341 | 349 | 357 | 365 |
| Mill Use | 135 | 132 | 131 | 131 | 133 | 135 | 137 | 140 | 142 | 144 | 146 |
| Ending Stocks | 121 | 129 | 135 | 141 | 147 | 152 | 155 | 158 | 161 | 164 | 167 |
| Domestic Use | 256 | 261 | 266 | 273 | 280 | 287 | 293 | 298 | 303 | 308 | 313 |
| Net Trade | 0 | 13 | 23 | 29 | 33 | 37 | 39 | 42 | 44 | 47 | 50 |
| Loss | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

## Australian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 310 | 321 | 343 | 358 | 367 | 373 | 377 | 381 | 384 | 387 | 390 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,826 | 1,920 | 1,934 | 1,948 | 1,962 | 1,976 | 1,990 | 2,004 | 2,019 | 2,033 | 2,048 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 567 | 616 | 662 | 697 | 721 | 738 | 751 | 763 | 775 | 787 | 798 |
| Beginning Stocks | 425 | 363 | 362 | 378 | 394 | 409 | 420 | 430 | 439 | 448 | 456 |
| Domestic Supply | 992 | 979 | 1,025 | 1,075 | 1,115 | 1,146 | 1,171 | 1,193 | 1,214 | 1,235 | 1,254 |
| Mill Use | 13 | 13 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 13 | 13 |
| Ending Stocks | 363 | 362 | 378 | 394 | 409 | 420 | 430 | 439 | 448 | 456 | 464 |
| Domestic Use | 376 | 375 | 390 | 407 | 421 | 433 | 443 | 452 | 461 | 469 | 477 |
| Net Trade | 643 | 631 | 662 | 695 | 721 | 741 | 756 | 769 | 781 | 793 | 804 |
| Loss | -27 | -27 | -27 | -27 | -27 | -27 | -27 | -27 | -27 | -27 | -27 |

## Brazilian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 899 | 1,028 | 1,152 | 1,259 | 1,332 | 1,386 | 1,424 | 1,463 | 1,504 | 1,548 | 1,589 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,149 | 1,188 | 1,193 | 1,198 | 1,203 | 1,208 | 1,213 | 1,218 | 1,223 | 1,229 | 1,234 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,033 | 1,221 | 1,375 | 1,508 | 1,603 | 1,674 | 1,728 | 1,782 | 1,841 | 1,902 | 1,960 |
| Beginning Stocks | 1,106 | 890 | 863 | 907 | 976 | 1,038 | 1,088 | 1,123 | 1,152 | 1,180 | 1,208 |
| Domestic Supply | 2,140 | 2,111 | 2,238 | 2,415 | 2,578 | 2,712 | 2,816 | 2,905 | 2,993 | 3,081 | 3,168 |
| Mill Use | 864 | 849 | 840 | 841 | 846 | 850 | 858 | 864 | 870 | 877 | 885 |
| Ending Stocks | 890 | 863 | 907 | 976 | 1,038 | 1,088 | 1,123 | 1,152 | 1,180 | 1,208 | 1,236 |
| Domestic Use | 1,754 | 1,712 | 1,747 | 1,817 | 1,884 | 1,938 | 1,981 | 2,016 | 2,050 | 2,086 | 2,121 |
| Net Trade | 408 | 421 | 513 | 620 | 716 | 796 | 857 | 911 | 964 | 1,018 | 1,069 |
| Loss | -22 | -22 | -22 | -22 | -22 | -22 | -22 | -22 | -22 | -22 | -22 |

## Canadian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Beginning Stocks | 20 | 16 | 14 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 10 |
| Domestic Supply | 20 | 16 | 14 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 10 |
| Mill Use | 73 | 70 | 67 | 65 | 64 | 63 | 62 | 60 | 59 | 57 | 55 |
| Ending Stocks | 16 | 14 | 13 | 12 | 11 | 11 | 11 | 11 | 11 | 10 | 10 |
| Domestic Use | 89 | 84 | 79 | 77 | 75 | 74 | 73 | 71 | 69 | 67 | 65 |
| Net Trade | -69 | -68 | -65 | -64 | -64 | -63 | -62 | -60 | -58 | -57 | -55 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Chinese Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,100 | 5,473 | 5,354 | 5,461 | 5,525 | 5,579 | 5,630 | 5,633 | 5,686 | 5,748 | 5,813 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,111 | 1,103 | 1,112 | 1,121 | 1,131 | 1,140 | 1,150 | 1,159 | 1,169 | 1,178 | 1,188 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 5,665 | 6,037 | 5,955 | 6,123 | 6,247 | 6,361 | 6,472 | 6,529 | 6,645 | 6,773 | 6,906 |
| Beginning Stocks | 2,300 | 2,298 | 2,216 | 2,064 | 2,064 | 2,124 | 2,213 | 2,307 | 2,358 | 2,419 | 2,505 |
| Domestic Supply | 7,965 | 8,335 | 8,171 | 8,187 | 8,312 | 8,485 | 8,685 | 8,836 | 9,003 | 9,192 | 9,411 |
| Mill Use | 9,553 | 9,833 | 10,154 | 10,494 | 10,844 | 11,209 | 11,486 | 11,755 | 12,037 | 12,335 | 12,665 |
| Ending Stocks | 2,298 | 2,216 | 2,064 | 2,064 | 2,124 | 2,213 | 2,307 | 2,358 | 2,419 | 2,505 | 2,609 |
| Domestic Use | 11,851 | 12,049 | 12,217 | 12,558 | 12,968 | 13,422 | 13,792 | 14,113 | 14,456 | 14,840 | 15,274 |
| Net Trade | -3,559 | -3,387 | -3,719 | -4,045 | -4,330 | -4,611 | -4,780 | -4,951 | -5,126 | -5,322 | -5,536 |
| Loss | -327 | -327 | -327 | -327 | -327 | -327 | -327 | -327 | -327 | -327 | -327 |

## European Union Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 476 | 431 | 419 | 411 | 410 | 407 | 401 | 395 | 390 | 386 | 380 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,098 | 1,020 | 1,022 | 1,023 | 1,025 | 1,026 | 1,028 | 1,029 | 1,031 | 1,032 | 1,034 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 522 | 440 | 428 | 420 | 420 | 418 | 412 | 407 | 402 | 398 | 392 |
| Beginning Stocks | 252 | 237 | 228 | 221 | 211 | 201 | 193 | 185 | 176 | 168 | 161 |
| Domestic Supply | 774 | 676 | 656 | 641 | 632 | 619 | 605 | 592 | 579 | 566 | 553 |
| Mill Use | 664 | 626 | 591 | 555 | 526 | 505 | 489 | 468 | 443 | 421 | 398 |
| Ending Stocks | 237 | 228 | 221 | 211 | 201 | 193 | 185 | 176 | 168 | 161 | 153 |
| Domestic Use | 901 | 855 | 812 | 766 | 728 | 698 | 673 | 644 | 612 | 582 | 551 |
| Net Trade | -140 | -191 | -169 | -138 | -110 | -92 | -82 | -66 | -46 | -29 | -12 |
| Loss | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |

## Indian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 8,904 | 8,965 | 9,130 | 9,198 | 9,258 | 9,316 | 9,349 | 9,383 | 9,416 | 9,447 | 9,474 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 455 | 452 | 458 | 465 | 471 | 478 | 485 | 492 | 499 | 506 | 513 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,051 | 4,052 | 4,185 | 4,275 | 4,364 | 4,454 | 4,532 | 4,613 | 4,694 | 4,776 | 4,857 |
| Beginning Stocks | 1,848 | 1,964 | 1,955 | 1,984 | 2,011 | 2,037 | 2,065 | 2,087 | 2,106 | 2,125 | 2,146 |
| Domestic Supply | 5,899 | 6,016 | 6,139 | 6,259 | 6,375 | 6,491 | 6,598 | 6,699 | 6,800 | 6,901 | 7,003 |
| Mill Use | 3,663 | 3,866 | 3,974 | 4,049 | 4,116 | 4,183 | 4,261 | 4,340 | 4,417 | 4,493 | 4,572 |
| Ending Stocks | 1,964 | 1,955 | 1,984 | 2,011 | 2,037 | 2,065 | 2,087 | 2,106 | 2,125 | 2,146 | 2,167 |
| Domestic Use | 5,627 | 5,821 | 5,958 | 6,060 | 6,153 | 6,249 | 6,348 | 6,446 | 6,542 | 6,639 | 6,738 |
| Net Trade | 272 | 195 | 182 | 199 | 221 | 242 | 250 | 253 | 258 | 262 | 265 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Indonesian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 697 | 700 | 704 | 707 | 711 | 714 | 718 | 721 | 725 | 728 | 732 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Beginning Stocks | 104 | 95 | 95 | 96 | 97 | 98 | 98 | 99 | 99 | 100 | 100 |
| Domestic Supply | 112 | 103 | 104 | 105 | 106 | 106 | 107 | 108 | 108 | 108 | 109 |
| Mill Use | 497 | 500 | 505 | 511 | 516 | 519 | 521 | 524 | 527 | 530 | 532 |
| Ending Stocks | 95 | 95 | 96 | 97 | 98 | 98 | 99 | 99 | 100 | 100 | 100 |
| Domestic Use | 592 | 596 | 601 | 608 | 614 | 617 | 620 | 623 | 627 | 629 | 632 |
| Net Trade | -491 | -503 | -508 | -514 | -519 | -521 | -524 | -527 | -530 | -532 | -534 |
| Loss | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |

## Japanese Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Beginning Stocks | 31 | 25 | 24 | 19 | 16 | 16 | 15 | 15 | 15 | 15 | 15 |
| Domestic Supply | 31 | 25 | 24 | 19 | 16 | 16 | 15 | 15 | 15 | 15 | 15 |
| Mill Use | 162 | 154 | 120 | 104 | 103 | 96 | 96 | 94 | 92 | 89 | 88 |
| Ending Stocks | 25 | 24 | 19 | 16 | 16 | 15 | 15 | 15 | 15 | 15 | 15 |
| Domestic Use | 187 | 179 | 139 | 121 | 119 | 111 | 110 | 108 | 107 | 104 | 103 |
| Net Trade | -156 | -154 | -114 | -102 | -103 | -95 | -95 | -94 | -92 | -89 | -88 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Mexican Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 127 | 123 | 123 | 121 | 118 | 115 | 111 | 108 | 105 | 104 | 100 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,210 | 1,290 | 1,300 | 1,309 | 1,319 | 1,329 | 1,339 | 1,349 | 1,359 | 1,369 | 1,380 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 154 | 159 | 160 | 159 | 156 | 152 | 148 | 145 | 143 | 142 | 138 |
| Beginning Stocks | 287 | 259 | 248 | 239 | 230 | 222 | 213 | 204 | 194 | 185 | 176 |
| Domestic Supply | 441 | 418 | 408 | 398 | 386 | 374 | 361 | 349 | 338 | 327 | 315 |
| Mill Use | 433 | 409 | 388 | 371 | 357 | 344 | 333 | 323 | 313 | 305 | 298 |
| Ending Stocks | 259 | 248 | 239 | 230 | 222 | 213 | 204 | 194 | 185 | 176 | 167 |
| Domestic Use | 692 | 657 | 627 | 602 | 579 | 557 | 537 | 517 | 499 | 482 | 466 |
| Net Trade | -257 | -245 | -225 | -209 | -198 | -189 | -181 | -174 | -166 | -160 | -156 |
| Loss | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

## Other African Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,258 | 5,325 | 5,405 | 5,474 | 5,506 | 5,538 | 5,568 | 5,605 | 5,644 | 5,682 | 5,710 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 355 | 354 | 356 | 358 | 359 | 361 | 363 | 365 | 367 | 369 | 371 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,868 | 1,885 | 1,923 | 1,958 | 1,979 | 2,001 | 2,022 | 2,046 | 2,070 | 2,095 | 2,116 |
| Beginning Stocks | 922 | 876 | 859 | 859 | 867 | 873 | 878 | 883 | 888 | 894 | 900 |
| Domestic Supply | 2,790 | 2,761 | 2,782 | 2,817 | 2,846 | 2,874 | 2,900 | 2,929 | 2,959 | 2,989 | 3,016 |
| Mill Use | 516 | 491 | 453 | 444 | 448 | 437 | 444 | 442 | 434 | 425 | 417 |
| Ending Stocks | 876 | 859 | 859 | 867 | 873 | 878 | 883 | 888 | 894 | 900 | 905 |
| Domestic Use | 1,392 | 1,350 | 1,312 | 1,311 | 1,321 | 1,316 | 1,327 | 1,330 | 1,327 | 1,325 | 1,322 |
| Net Trade | 1,392 | 1,405 | 1,463 | 1,500 | 1,519 | 1,552 | 1,567 | 1,592 | 1,625 | 1,657 | 1,688 |
| Loss | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

## Other Asian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 459 | 461 | 465 | 472 | 476 | 479 | 481 | 483 | 485 | 487 | 489 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 285 | 285 | 288 | 290 | 293 | 296 | 299 | 302 | 305 | 308 | 311 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 131 | 131 | 134 | 137 | 140 | 142 | 144 | 146 | 148 | 150 | 152 |
| Beginning Stocks | 300 | 358 | 378 | 388 | 395 | 400 | 404 | 406 | 408 | 410 | 412 |
| Domestic Supply | 431 | 489 | 512 | 525 | 534 | 542 | 547 | 552 | 556 | 560 | 564 |
| Mill Use | 1,351 | 1,335 | 1,326 | 1,330 | 1,342 | 1,349 | 1,366 | 1,380 | 1,391 | 1,402 | 1,413 |
| Ending Stocks | 358 | 378 | 388 | 395 | 400 | 404 | 406 | 408 | 410 | 412 | 414 |
| Domestic Use | 1,710 | 1,713 | 1,713 | 1,725 | 1,742 | 1,752 | 1,772 | 1,788 | 1,801 | 1,813 | 1,827 |
| Net Trade | -1,285 | -1,230 | -1,208 | -1,207 | -1,214 | -1,217 | -1,231 | -1,243 | -1,251 | -1,260 | -1,269 |
| Loss | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |

## Other European Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 653 | 653 | 653 | 653 | 653 | 653 | 653 | 653 | 653 | 653 | 653 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Beginning Stocks | 15 | 12 | 14 | 15 | 15 | 16 | 16 | 16 | 16 | 15 | 15 |
| Domestic Supply | 18 | 15 | 17 | 18 | 18 | 18 | 19 | 19 | 19 | 18 | 18 |
| Mill Use | 44 | 54 | 40 | 35 | 32 | 32 | 32 | 31 | 29 | 28 | 27 |
| Ending Stocks | 12 | 14 | 15 | 15 | 16 | 16 | 16 | 16 | 15 | 15 | 15 |
| Domestic Use | 56 | 68 | 54 | 50 | 48 | 48 | 48 | 47 | 45 | 43 | 41 |
| Net Trade | -38 | -53 | -37 | -32 | -30 | -29 | -30 | -28 | -26 | -25 | -23 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Other CIS Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,324 | 1,337 | 1,363 | 1,393 | 1,387 | 1,385 | 1,377 | 1,380 | 1,386 | 1,395 | 1,388 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 454 | 535 | 542 | 548 | 555 | 562 | 569 | 576 | 584 | 591 | 598 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 602 | 715 | 738 | 764 | 770 | 778 | 784 | 795 | 809 | 824 | 830 |
| Beginning Stocks | 229 | 231 | 250 | 252 | 255 | 256 | 257 | 257 | 257 | 258 | 260 |
| Domestic Supply | 831 | 947 | 988 | 1,015 | 1,025 | 1,034 | 1,041 | 1,052 | 1,066 | 1,082 | 1,091 |
| Mill Use | 166 | 162 | 158 | 161 | 165 | 172 | 176 | 181 | 185 | 191 | 198 |
| Ending Stocks | 231 | 250 | 252 | 255 | 256 | 257 | 257 | 257 | 258 | 260 | 261 |
| Domestic Use | 397 | 411 | 410 | 416 | 421 | 429 | 433 | 439 | 443 | 451 | 458 |
| Net Trade | 434 | 536 | 578 | 599 | 604 | 605 | 607 | 614 | 623 | 631 | 632 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Other Latin American Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 483 | 422 | 432 | 438 | 434 | 431 | 427 | 425 | 423 | 422 | 418 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 508 | 510 | 511 | 511 | 512 | 512 | 513 | 513 | 514 | 514 | 515 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 246 | 215 | 220 | 224 | 222 | 221 | 219 | 218 | 217 | 217 | 215 |
| Beginning Stocks | 146 | 140 | 125 | 119 | 117 | 114 | 112 | 109 | 106 | 104 | 102 |
| Domestic Supply | 392 | 355 | 345 | 343 | 339 | 335 | 330 | 327 | 324 | 321 | 317 |
| Mill Use | 326 | 312 | 285 | 282 | 276 | 266 | 265 | 255 | 250 | 243 | 237 |
| Ending Stocks | 140 | 125 | 119 | 117 | 114 | 112 | 109 | 106 | 104 | 102 | 99 |
| Domestic Use | 466 | 437 | 404 | 399 | 391 | 377 | 374 | 361 | 354 | 344 | 337 |
| Net Trade | -75 | -82 | -60 | -57 | -53 | -44 | -44 | -36 | -31 | -25 | -21 |
| Loss | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

## Other Middle Eastern Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 468 | 477 | 485 | 491 | 497 | 502 | 508 | 514 | 520 | 525 | 530 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,107 | 1,082 | 1,089 | 1,097 | 1,104 | 1,112 | 1,119 | 1,127 | 1,135 | 1,142 | 1,150 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 518 | 516 | 528 | 539 | 549 | 559 | 569 | 579 | 590 | 600 | 609 |
| Beginning Stocks | 167 | 172 | 170 | 169 | 170 | 171 | 172 | 173 | 174 | 174 | 175 |
| Domestic Supply | 685 | 688 | 699 | 708 | 719 | 730 | 741 | 752 | 764 | 774 | 785 |
| Mill Use | 333 | 327 | 322 | 321 | 322 | 323 | 325 | 326 | 328 | 330 | 332 |
| Ending Stocks | 172 | 170 | 169 | 170 | 171 | 172 | 173 | 174 | 174 | 175 | 176 |
| Domestic Use | 505 | 497 | 492 | 492 | 493 | 495 | 498 | 500 | 502 | 505 | 508 |
| Net Trade | 180 | 191 | 207 | 216 | 226 | 235 | 243 | 252 | 261 | 269 | 277 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Pakistani Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 3,150 | 3,179 | 3,228 | 3,280 | 3,315 | 3,350 | 3,373 | 3,397 | 3,408 | 3,417 | 3,422 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 674 | 674 | 681 | 688 | 695 | 702 | 709 | 717 | 724 | 732 | 739 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,123 | 2,143 | 2,198 | 2,256 | 2,304 | 2,352 | 2,393 | 2,435 | 2,468 | 2,500 | 2,529 |
| Beginning Stocks | 845 | 683 | 643 | 637 | 645 | 653 | 663 | 669 | 675 | 678 | 681 |
| Domestic Supply | 2,968 | 2,826 | 2,841 | 2,893 | 2,949 | 3,006 | 3,056 | 3,104 | 3,143 | 3,178 | 3,210 |
| Mill Use | 2,522 | 2,567 | 2,631 | 2,683 | 2,738 | 2,798 | 2,867 | 2,932 | 2,998 | 3,066 | 3,114 |
| Ending Stocks | 683 | 643 | 637 | 645 | 653 | 663 | 669 | 675 | 678 | 681 | 684 |
| Domestic Use | 3,205 | 3,210 | 3,268 | 3,327 | 3,392 | 3,461 | 3,536 | 3,607 | 3,676 | 3,747 | 3,798 |
| Net Trade | -243 | -389 | -432 | -439 | -449 | -460 | -486 | -508 | -539 | -574 | -593 |
| Loss | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |

## Russian Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 48 | 46 | 46 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 44 |
| Domestic Supply | 48 | 46 | 46 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 44 |
| Mill Use | 318 | 316 | 312 | 309 | 307 | 307 | 305 | 304 | 302 | 301 | 302 |
| Ending Stocks | 46 | 46 | 45 | 45 | 45 | 45 | 44 | 44 | 44 | 44 | 44 |
| Domestic Use | 365 | 362 | 357 | 354 | 352 | 351 | 350 | 348 | 346 | 345 | 346 |
| Net Trade | -317 | -315 | -311 | -309 | -307 | -307 | -305 | -303 | -302 | -301 | -302 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## South African Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 31 | 29 | 27 | 27 | 26 | 24 | 23 | 20 | 19 | 19 | 19 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 689 | 740 | 750 | 760 | 770 | 780 | 791 | 802 | 812 | 823 | 834 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 21 | 22 | 20 | 21 | 20 | 19 | 18 | 16 | 16 | 16 | 16 |
| Beginning Stocks | 15 | 13 | 11 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Domestic Supply | 36 | 34 | 31 | 29 | 28 | 26 | 25 | 23 | 22 | 23 | 23 |
| Mill Use | 49 | 47 | 46 | 45 | 43 | 41 | 39 | 37 | 36 | 35 | 35 |
| Ending Stocks | 13 | 11 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Domestic Use | 61 | 58 | 55 | 52 | 50 | 47 | 46 | 44 | 43 | 42 | 42 |
| Net Trade | -25 | -23 | -24 | -23 | -22 | -22 | -21 | -21 | -21 | -20 | -19 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## South Korean Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 91 | 88 | 83 | 78 | 74 | 70 | 67 | 63 | 59 | 55 | 52 |
| Domestic Supply | 91 | 88 | 83 | 79 | 74 | 70 | 67 | 63 | 59 | 56 | 52 |
| Mill Use | 265 | 236 | 214 | 202 | 194 | 186 | 181 | 171 | 159 | 148 | 138 |
| Ending Stocks | 88 | 83 | 78 | 74 | 70 | 67 | 63 | 59 | 55 | 52 | 48 |
| Domestic Use | 353 | 319 | 292 | 276 | 265 | 253 | 244 | 230 | 215 | 200 | 186 |
| Net Trade | -264 | -234 | -211 | -200 | -193 | -184 | -179 | -169 | -157 | -146 | -137 |
| Loss | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

## Taiwanese Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 106 | 99 | 94 | 89 | 85 | 82 | 81 | 79 | 78 | 76 | 74 |
| Domestic Supply | 106 | 99 | 94 | 89 | 85 | 82 | 81 | 79 | 78 | 76 | 74 |
| Mill Use | 272 | 270 | 259 | 241 | 234 | 232 | 230 | 225 | 223 | 218 | 215 |
| Ending Stocks | 99 | 94 | 89 | 85 | 82 | 81 | 79 | 78 | 76 | 74 | 72 |
| Domestic Use | 371 | 364 | 347 | 326 | 317 | 313 | 310 | 302 | 299 | 292 | 288 |
| Net Trade | -265 | -265 | -253 | -237 | -232 | -230 | -229 | -223 | -221 | -216 | -213 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Turkish Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 603 | 609 | 621 | 633 | 642 | 651 | 657 | 663 | 667 | 670 | 672 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 1,288 | 1,290 | 1,300 | 1,310 | 1,321 | 1,331 | 1,342 | 1,352 | 1,363 | 1,374 | 1,385 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 777 | 786 | 808 | 829 | 847 | 866 | 881 | 897 | 909 | 920 | 930 |
| Beginning Stocks | 367 | 330 | 321 | 319 | 319 | 319 | 320 | 321 | 321 | 321 | 322 |
| Domestic Supply | 1,143 | 1,116 | 1,129 | 1,148 | 1,166 | 1,185 | 1,201 | 1,217 | 1,229 | 1,241 | 1,252 |
| Mill Use | 1,522 | 1,530 | 1,532 | 1,546 | 1,566 | 1,579 | 1,603 | 1,619 | 1,627 | 1,633 | 1,635 |
| Ending Stocks | 330 | 321 | 319 | 319 | 319 | 320 | 321 | 321 | 321 | 322 | 323 |
| Domestic Use | 1,853 | 1,852 | 1,851 | 1,865 | 1,885 | 1,899 | 1,923 | 1,940 | 1,948 | 1,955 | 1,958 |
| Net Trade | -710 | -735 | -722 | -716 | -719 | -714 | -722 | -723 | -719 | -714 | -706 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Uzbek Cotton Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,455 | 1,453 | 1,451 | 1,449 | 1,444 | 1,437 | 1,432 | 1,429 | 1,426 | 1,423 | 1,419 |
| | | | | | (Kilograms per Hectare) | | | | | | |
| Yield | 841 | 797 | 801 | 804 | 808 | 811 | 815 | 819 | 822 | 826 | 830 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,223 | 1,158 | 1,161 | 1,165 | 1,166 | 1,166 | 1,167 | 1,170 | 1,173 | 1,176 | 1,178 |
| Beginning Stocks | 283 | 330 | 320 | 316 | 317 | 318 | 319 | 321 | 323 | 326 | 330 |
| Domestic Supply | 1,506 | 1,488 | 1,481 | 1,482 | 1,483 | 1,485 | 1,487 | 1,491 | 1,496 | 1,502 | 1,507 |
| Mill Use | 190 | 192 | 195 | 198 | 201 | 204 | 207 | 211 | 214 | 217 | 220 |
| Ending Stocks | 330 | 320 | 316 | 317 | 318 | 319 | 321 | 323 | 326 | 330 | 333 |
| Domestic Use | 520 | 512 | 511 | 515 | 520 | 524 | 528 | 534 | 540 | 547 | 553 |
| Net Trade | 986 | 976 | 970 | 966 | 964 | 961 | 959 | 957 | 956 | 955 | 954 |
| Loss | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

# World Sugar

# World Sugar

World harvested area for sugarcane increases by 9.6% by 2015/16, while world sugar beet harvested area increases by about 1%, mainly because of drastic reductions in beet area in the EU as part of the recent CMO sugar reforms. After a two-year decline, world sugar production (in raw sugar equivalence) increases by 2.4% in 2005/06 because of higher sugar prices and recovery in countries like China and India. Total sugar production increases by 16.8% and total sugar consumption increases by 17.9% over the decade. World sugar net trade increases by 4.3% in 2005/06. It increases by 13.9%, or 4.9 mmt, by 2015/16.

The world sugar price increased by 33.3% in 2004/05, partly because of stronger demand and weather-induced weaker production. The world price increases by another 16.6% in 2005/06 as stocks decline for the fourth year in a row and as expectations of a tight market continue. The implementation of the EU sugar reforms in 2006/07 and the resulting significant reduction in EU beet production brings about a 14.1% increase in world sugar prices. By 2014/15, the sugar price reaches 14.7¢ per pound, an increase of about 20.7% over the baseline. The sustained high world sugar price is brought about not only by the drastic reduction in EU sugar production but also by the increased production of ethanol from sugarcane, particularly in Brazil.

The major sugar-exporting countries, Australia, Brazil, the EU, Guatemala, and Thailand, capture most of the growth in world sugar trade, accounting for about 90% of world trade in 2005/06. Brazil alone accounts for 52% of world sugar trade, and it maintains the largest share of world trade through the end of the projection period. After the EU reforms its sugar industry, the EU switches from being a major exporter to being a large importer.

Brazil continues its trend of record production, with sugarcane production increasing by 20.2 mmt and raw sugar production increasing by almost 0.5 mmt, or by 1.9%, in 2005/06. Crop area harvested increases by 5.6% in 2005/06 and is expected to continue to expand as Brazil targets new markets for ethanol exports, particularly in Asia. Population growth and expansion in food processing results in a 1.9% increase in sugar consumption in 2005/06. Consumption increases by 16.9% while Brazilian sugar net exports reach 22.2 mmt by 2015/16.

Australian sugar production decreases by 3.5% in 2005/06 as a result of declining sugarcane harvested area and wet weather conditions. Consequently, net exports decline by 3.4% during the same period. Sugar production increases by 19.7% by 2015/16, especially given the higher world prices and continued government assistance. Consumption increases by 12.8%. Australian net exports increase by 16.3% by the end of the decade.

Thailand's sugarcane production decreases in 2005/06 for the third consecutive year because of lower harvested area and lower yields resulting from persistent drought. Sugar production decreases by 16.5% in 2005/06. Sugar consumption increases by 2.4% as the Thai economy continues to expand, with higher consumption from both households and industry. Sugar production, consumption, and net exports increase by 90.6%, 19.7%, and 111.9%, respectively, by 2015/16, an indication of the sugar industry's recovery.

Total beet harvested area in the EU decreases by 1.6% in 2005/06 as beet area declines in the EU-15. Sugar production decreases by 2.7% in 2005/06 while consumption decreases by 1.1%. The EU sugar reforms are expected to reduce production drastically, resulting in a trade reversal in the EU. Sugar production decreases by 31.3%, consumption increases by 4.1%, and net imports reach 3.6 mmt by 2015/16.

Russia and Ukraine are the largest importers of sugar, accounting on average for 12.5% of world net trade in 2005/06, and 10% of world net trade by 2015/16 as the two countries expand production. As a region, Asia is the largest importer, with China, Indonesia, Japan, Malaysia, and South Korea together accounting for 19.9% of world trade by 2015/16. Sugar production recovers in China and India, increasing by 6.9% and 29.7%, respectively, in 2005/06. In India, production continues to remain strong, making the country a small net exporter during the projection period. Net imports in Japan decline by 11.4% by 2015/16, as Japanese sugar consumption remains ssssssssrelatively unchanged over the decade.

## Sugar Trade

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 520 | 469 | 469 | 473 | 483 | 497 | 517 | 541 | 566 | 592 | 618 |
| Australia | 4,230 | 4,309 | 4,449 | 4,538 | 4,604 | 4,656 | 4,707 | 4,758 | 4,811 | 4,866 | 4,921 |
| Brazil | 18,250 | 19,923 | 20,745 | 21,245 | 21,583 | 21,741 | 21,843 | 21,956 | 22,053 | 22,148 | 22,237 |
| Colombia | 920 | 1,230 | 1,292 | 1,334 | 1,365 | 1,384 | 1,398 | 1,407 | 1,412 | 1,413 | 1,413 |
| Cuba | 732 | 790 | 826 | 853 | 874 | 892 | 912 | 933 | 955 | 978 | 1,002 |
| European Union | 4,873 | -1,467 | -2,370 | -3,356 | -3,703 | -3,609 | -3,609 | -3,617 | -3,625 | -3,630 | -3,635 |
| Guatemala | 1,391 | 1,486 | 1,510 | 1,520 | 1,523 | 1,521 | 1,519 | 1,518 | 1,517 | 1,516 | 1,516 |
| India | -800 | 348 | 175 | 291 | 325 | 261 | 244 | 249 | 271 | 310 | 344 |
| Mexico | 243 | 185 | 256 | 268 | 278 | 297 | 314 | 338 | 358 | 380 | 405 |
| South Africa | 1,050 | 1,248 | 1,322 | 1,389 | 1,439 | 1,473 | 1,503 | 1,526 | 1,547 | 1,564 | 1,579 |
| Thailand | 2,700 | 3,464 | 4,194 | 4,675 | 4,974 | 5,174 | 5,313 | 5,419 | 5,525 | 5,623 | 5,722 |
| Total Net Exports * | 35,115 | 33,757 | 35,575 | 36,941 | 37,804 | 38,239 | 38,600 | 38,965 | 39,322 | 39,673 | 40,009 |
| **Net Importers** | | | | | | | | | | | |
| Algeria | 1,200 | 1,217 | 1,262 | 1,284 | 1,310 | 1,330 | 1,347 | 1,364 | 1,382 | 1,400 | 1,418 |
| Canada | 1,323 | 1,351 | 1,381 | 1,395 | 1,412 | 1,429 | 1,444 | 1,459 | 1,474 | 1,490 | 1,505 |
| China | 1,190 | 993 | 1,092 | 1,117 | 1,152 | 1,198 | 1,233 | 1,264 | 1,292 | 1,321 | 1,351 |
| Egypt | 1,230 | 1,176 | 1,198 | 1,217 | 1,256 | 1,304 | 1,341 | 1,378 | 1,416 | 1,454 | 1,493 |
| Indonesia | 1,800 | 1,763 | 1,829 | 1,863 | 1,886 | 1,916 | 1,949 | 1,983 | 2,017 | 2,046 | 2,071 |
| Iran | 600 | 573 | 612 | 632 | 659 | 683 | 696 | 708 | 718 | 728 | 736 |
| Japan | 1,392 | 1,357 | 1,344 | 1,328 | 1,314 | 1,300 | 1,287 | 1,273 | 1,260 | 1,247 | 1,233 |
| Malaysia | 1,190 | 1,195 | 1,229 | 1,251 | 1,278 | 1,307 | 1,334 | 1,362 | 1,391 | 1,421 | 1,451 |
| Morocco | 520 | 529 | 553 | 566 | 585 | 608 | 628 | 647 | 667 | 687 | 708 |
| Pakistan | 850 | 875 | 958 | 985 | 1,011 | 1,041 | 1,065 | 1,086 | 1,104 | 1,120 | 1,137 |
| Peru | 69 | 29 | 22 | 11 | 5 | 4 | 2 | 1 | -1 | -1 | -3 |
| Philippines | -156 | -107 | -138 | -160 | -172 | -175 | -180 | -187 | -194 | -203 | -210 |
| Russia and Ukraine | 4,390 | 4,149 | 4,253 | 4,336 | 4,367 | 4,322 | 4,245 | 4,179 | 4,124 | 4,066 | 3,991 |
| South Korea | 1,340 | 1,334 | 1,359 | 1,373 | 1,389 | 1,404 | 1,417 | 1,429 | 1,441 | 1,452 | 1,463 |
| Turkey | -50 | -199 | -198 | -196 | -184 | -167 | -151 | -133 | -111 | -78 | -39 |
| United States | 2,336 | 1,895 | 1,808 | 1,821 | 1,833 | 1,853 | 1,872 | 1,897 | 1,921 | 1,943 | 1,971 |
| Venezuela | 265 | 259 | 282 | 291 | 304 | 318 | 329 | 340 | 351 | 360 | 371 |
| Rest of World | 10,131 | 9,105 | 9,536 | 9,626 | 9,854 | 10,124 | 10,312 | 10,485 | 10,649 | 10,819 | 10,986 |
| Total Net Imports | 35,115 | 33,757 | 35,575 | 36,941 | 37,804 | 38,239 | 38,600 | 38,965 | 39,322 | 39,673 | 40,009 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Caribbean Price | 269 | 307 | 291 | 297 | 300 | 301 | 305 | 310 | 315 | 320 | 325 |
| New York Spot | 483 | 476 | 477 | 477 | 473 | 456 | 454 | 445 | 443 | 439 | 433 |

* Total net exports are the sum of all positive net exports and negative net imports.
Note: Sugar is in raw equivalent.

## World Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Million Hectares) | | | | | | |
| Area Harvested | 5.65 | 5.59 | 5.62 | 5.63 | 5.64 | 5.64 | 5.64 | 5.66 | 5.67 | 5.69 | 5.71 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 43.87 | 39.72 | 38.89 | 38.45 | 38.59 | 38.74 | 38.86 | 38.99 | 39.10 | 39.22 | 39.32 |
| | | | | | (Million Metric Tons) | | | | | | |
| Production | 248 | 222 | 218 | 217 | 218 | 219 | 219 | 221 | 222 | 223 | 224 |
| **Sugarcane** | | | | | (Million Hectares) | | | | | | |
| Area Harvested | 20.02 | 20.59 | 21.04 | 21.22 | 21.38 | 21.48 | 21.56 | 21.65 | 21.74 | 21.84 | 21.93 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 64.21 | 65.01 | 66.02 | 66.80 | 67.49 | 68.12 | 68.72 | 69.31 | 69.88 | 70.46 | 71.03 |
| | | | | | (Million Metric Tons) | | | | | | |
| Production | 1,285 | 1,339 | 1,389 | 1,418 | 1,443 | 1,463 | 1,482 | 1,500 | 1,519 | 1,538 | 1,558 |
| **Sugar** | | | | | | | | | | | |
| Production | 144.15 | 146.62 | 150.44 | 153.14 | 155.75 | 157.96 | 159.93 | 162.03 | 164.10 | 166.25 | 168.44 |
| Beginning Stocks | 35.14 | 31.51 | 31.21 | 31.25 | 31.49 | 31.81 | 32.06 | 32.19 | 32.33 | 32.45 | 32.58 |
| Domestic Supply | 179.29 | 178.12 | 181.65 | 184.39 | 187.23 | 189.77 | 191.99 | 194.22 | 196.43 | 198.70 | 201.02 |
| Consumption | 142.78 | 146.91 | 150.41 | 152.90 | 155.42 | 157.71 | 159.80 | 161.89 | 163.98 | 166.12 | 168.29 |
| Ending Stocks | 31.51 | 31.21 | 31.25 | 31.49 | 31.81 | 32.06 | 32.19 | 32.33 | 32.45 | 32.58 | 32.73 |
| Domestic Use | 174.29 | 178.12 | 181.65 | 184.39 | 187.23 | 189.77 | 191.99 | 194.22 | 196.43 | 198.70 | 201.02 |
| Net Trade | 35.12 | 33.76 | 35.58 | 36.94 | 37.80 | 38.24 | 38.60 | 38.96 | 39.32 | 39.67 | 40.01 |

## U.S. Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 501 | 546 | 517 | 516 | 513 | 506 | 493 | 490 | 480 | 477 | 472 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 50.04 | 49.80 | 50.06 | 50.42 | 50.78 | 51.13 | 51.45 | 51.80 | 52.11 | 52.43 | 52.74 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 25,087 | 27,186 | 25,894 | 26,017 | 26,031 | 25,875 | 25,358 | 25,355 | 25,027 | 24,985 | 24,889 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 351 | 352 | 364 | 365 | 365 | 364 | 361 | 358 | 357 | 354 | 353 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 67.92 | 74.33 | 76.70 | 77.43 | 78.12 | 78.74 | 79.06 | 79.41 | 79.72 | 80.06 | 80.48 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 23,815 | 26,143 | 27,931 | 28,253 | 28,479 | 28,667 | 28,551 | 28,456 | 28,425 | 28,371 | 28,395 |
| **Sugar** | | | | | | | | | | | |
| Production | 6,888 | 7,471 | 7,519 | 7,611 | 7,674 | 7,706 | 7,641 | 7,662 | 7,637 | 7,656 | 7,676 |
| Beginning Stocks | 1,222 | 1,186 | 1,295 | 1,327 | 1,368 | 1,412 | 1,492 | 1,520 | 1,590 | 1,650 | 1,722 |
| Domestic Supply | 8,110 | 8,657 | 8,814 | 8,938 | 9,042 | 9,118 | 9,133 | 9,182 | 9,227 | 9,305 | 9,398 |
| Consumption | 9,260 | 9,256 | 9,295 | 9,391 | 9,463 | 9,479 | 9,485 | 9,488 | 9,499 | 9,526 | 9,550 |
| Ending Stocks | 1,186 | 1,295 | 1,327 | 1,368 | 1,412 | 1,492 | 1,520 | 1,590 | 1,650 | 1,722 | 1,819 |
| Domestic Use | 10,446 | 10,552 | 10,622 | 10,759 | 10,875 | 10,971 | 11,005 | 11,079 | 11,148 | 11,248 | 11,368 |
| Net Trade | -2,336 | -1,895 | -1,808 | -1,821 | -1,833 | -1,853 | -1,872 | -1,897 | -1,921 | -1,943 | -1,971 |

## Algerian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Sugar** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 429 | 400 | 380 | 377 | 375 | 376 | 375 | 374 | 373 | 371 | 369 |
| Domestic Supply | 429 | 400 | 380 | 377 | 375 | 376 | 375 | 374 | 373 | 371 | 369 |
| Consumption | 1,229 | 1,237 | 1,266 | 1,286 | 1,309 | 1,330 | 1,348 | 1,366 | 1,384 | 1,402 | 1,420 |
| Ending Stocks | 400 | 380 | 377 | 375 | 376 | 375 | 374 | 373 | 371 | 369 | 368 |
| Domestic Use | 1,629 | 1,617 | 1,642 | 1,661 | 1,685 | 1,705 | 1,722 | 1,739 | 1,755 | 1,771 | 1,787 |
| Net Trade | -1,200 | -1,217 | -1,262 | -1,284 | -1,310 | -1,330 | -1,347 | -1,364 | -1,382 | -1,400 | -1,418 |

## Argentine Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 260 | 264 | 268 | 271 | 274 | 276 | 279 | 282 | 286 | 289 | 293 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 69.62 | 68.66 | 69.01 | 69.55 | 70.19 | 70.90 | 71.64 | 72.41 | 73.19 | 73.97 | 74.76 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 18,100 | 18,138 | 18,509 | 18,834 | 19,203 | 19,591 | 20,007 | 20,453 | 20,918 | 21,393 | 21,876 |
| **Sugar** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,050 | 2,059 | 2,106 | 2,147 | 2,194 | 2,243 | 2,296 | 2,352 | 2,411 | 2,471 | 2,532 |
| Beginning Stocks | 245 | 165 | 137 | 132 | 132 | 134 | 137 | 140 | 143 | 147 | 150 |
| Domestic Supply | 2,295 | 2,224 | 2,243 | 2,279 | 2,326 | 2,377 | 2,433 | 2,493 | 2,554 | 2,618 | 2,682 |
| Consumption | 1,610 | 1,618 | 1,642 | 1,674 | 1,709 | 1,743 | 1,775 | 1,808 | 1,842 | 1,876 | 1,911 |
| Ending Stocks | 165 | 137 | 132 | 132 | 134 | 137 | 140 | 143 | 147 | 150 | 153 |
| Domestic Use | 1,775 | 1,755 | 1,774 | 1,806 | 1,843 | 1,880 | 1,916 | 1,952 | 1,989 | 2,026 | 2,064 |
| Net Trade | 520 | 469 | 469 | 473 | 483 | 497 | 517 | 541 | 566 | 592 | 618 |

## Australian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 410 | 429 | 440 | 445 | 449 | 450 | 452 | 453 | 455 | 457 | 458 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 92.68 | 92.87 | 93.22 | 93.67 | 94.17 | 94.71 | 95.26 | 95.82 | 96.38 | 96.95 | 97.52 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 38,000 | 39,830 | 41,041 | 41,722 | 42,243 | 42,658 | 43,044 | 43,441 | 43,846 | 44,259 | 44,678 |
| **Sugar** | | | | | | | | | | | |
| Production | 5,200 | 5,460 | 5,637 | 5,741 | 5,823 | 5,891 | 5,955 | 6,021 | 6,088 | 6,156 | 6,226 |
| Beginning Stocks | 403 | 223 | 219 | 226 | 234 | 242 | 250 | 258 | 265 | 272 | 280 |
| Domestic Supply | 5,603 | 5,683 | 5,855 | 5,967 | 6,057 | 6,133 | 6,205 | 6,278 | 6,353 | 6,429 | 6,505 |
| Consumption | 1,150 | 1,156 | 1,180 | 1,195 | 1,211 | 1,226 | 1,241 | 1,255 | 1,269 | 1,283 | 1,297 |
| Ending Stocks | 223 | 219 | 226 | 234 | 242 | 250 | 258 | 265 | 272 | 280 | 287 |
| Domestic Use | 1,373 | 1,374 | 1,406 | 1,429 | 1,453 | 1,476 | 1,498 | 1,520 | 1,541 | 1,563 | 1,584 |
| Net Trade | 4,230 | 4,309 | 4,449 | 4,538 | 4,604 | 4,656 | 4,707 | 4,758 | 4,811 | 4,866 | 4,921 |

## Brazilian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 5,650 | 5,937 | 6,124 | 6,203 | 6,259 | 6,291 | 6,308 | 6,323 | 6,338 | 6,353 | 6,367 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 71.86 | 72.49 | 73.14 | 73.80 | 74.46 | 75.13 | 75.79 | 76.46 | 77.13 | 77.80 | 78.46 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 406,000 | 430,387 | 447,924 | 457,753 | 466,016 | 472,579 | 478,098 | 483,489 | 488,852 | 494,230 | 499,560 |
| **Sugar** | | | | | | | | | | | |
| Production | 28,700 | 30,839 | 31,904 | 32,584 | 33,109 | 33,464 | 33,751 | 34,047 | 34,326 | 34,601 | 34,869 |
| Beginning Stocks | 585 | 235 | 234 | 241 | 247 | 253 | 260 | 267 | 274 | 281 | 288 |
| Domestic Supply | 29,285 | 31,074 | 32,137 | 32,825 | 33,356 | 33,717 | 34,011 | 34,314 | 34,600 | 34,882 | 35,157 |
| Consumption | 10,800 | 10,917 | 11,151 | 11,334 | 11,521 | 11,716 | 11,901 | 12,084 | 12,265 | 12,446 | 12,625 |
| Ending Stocks | 235 | 234 | 241 | 247 | 253 | 260 | 267 | 274 | 281 | 288 | 295 |
| Domestic Use | 11,035 | 11,151 | 11,393 | 11,581 | 11,774 | 11,976 | 12,168 | 12,358 | 12,547 | 12,734 | 12,920 |
| Net Trade | 18,250 | 19,923 | 20,745 | 21,245 | 21,583 | 21,741 | 21,843 | 21,956 | 22,053 | 22,148 | 22,237 |

## Canadian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 52.97 | 53.08 | 53.32 | 53.63 | 53.96 | 54.30 | 54.64 | 54.99 | 55.34 | 55.68 | 56.03 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 596 | 601 | 609 | 614 | 620 | 625 | 630 | 636 | 642 | 648 | 654 |
| **Sugar** | | | | | | | | | | | |
| Production | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 |
| Beginning Stocks | 288 | 256 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 248 | 248 |
| Domestic Supply | 383 | 352 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 353 |
| Consumption | 1,450 | 1,456 | 1,478 | 1,493 | 1,511 | 1,529 | 1,545 | 1,561 | 1,577 | 1,593 | 1,610 |
| Ending Stocks | 256 | 247 | 247 | 247 | 247 | 247 | 247 | 247 | 248 | 248 | 248 |
| Domestic Use | 1,706 | 1,703 | 1,725 | 1,740 | 1,758 | 1,776 | 1,792 | 1,808 | 1,824 | 1,841 | 1,858 |
| Net Trade | -1,323 | -1,351 | -1,381 | -1,395 | -1,412 | -1,429 | -1,444 | -1,459 | -1,474 | -1,490 | -1,505 |

## Chinese Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 250 | 256 | 258 | 257 | 257 | 256 | 256 | 255 | 255 | 255 | 255 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 30.00 | 30.04 | 30.20 | 30.43 | 30.67 | 30.93 | 31.20 | 31.46 | 31.73 | 32.00 | 32.26 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,500 | 7,678 | 7,779 | 7,826 | 7,874 | 7,922 | 7,973 | 8,029 | 8,090 | 8,155 | 8,222 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,520 | 1,540 | 1,548 | 1,551 | 1,553 | 1,556 | 1,558 | 1,561 | 1,564 | 1,568 | 1,572 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 63.42 | 63.72 | 64.07 | 64.45 | 64.84 | 65.24 | 65.64 | 66.04 | 66.45 | 66.85 | 67.26 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 96,400 | 98,100 | 99,198 | 99,956 | 100,716 | 101,485 | 102,277 | 103,101 | 103,954 | 104,831 | 105,724 |
| **Sugar** | | | | | | | | | | | |
| Production | 10,500 | 10,732 | 10,897 | 11,022 | 11,148 | 11,275 | 11,406 | 11,542 | 11,682 | 11,825 | 11,971 |
| Beginning Stocks | 1,617 | 1,607 | 1,587 | 1,614 | 1,632 | 1,647 | 1,660 | 1,669 | 1,677 | 1,683 | 1,690 |
| Domestic Supply | 12,117 | 12,339 | 12,484 | 12,636 | 12,780 | 12,922 | 13,066 | 13,211 | 13,358 | 13,508 | 13,661 |
| Consumption | 11,700 | 11,745 | 11,962 | 12,120 | 12,285 | 12,460 | 12,630 | 12,799 | 12,967 | 13,139 | 13,316 |
| Ending Stocks | 1,607 | 1,587 | 1,614 | 1,632 | 1,647 | 1,660 | 1,669 | 1,677 | 1,683 | 1,690 | 1,696 |
| Domestic Use | 13,307 | 13,333 | 13,576 | 13,752 | 13,932 | 14,120 | 14,299 | 14,475 | 14,651 | 14,829 | 15,012 |
| Net Trade | -1,190 | -993 | -1,092 | -1,117 | -1,152 | -1,198 | -1,233 | -1,264 | -1,292 | -1,321 | -1,351 |

## Colombian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 406 | 418 | 428 | 433 | 437 | 439 | 441 | 442 | 442 | 442 | 442 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 81.44 | 82.14 | 82.86 | 83.60 | 84.34 | 85.08 | 85.83 | 86.57 | 87.32 | 88.06 | 88.81 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 33,065 | 34,367 | 35,468 | 36,189 | 36,827 | 37,360 | 37,817 | 38,235 | 38,615 | 38,963 | 39,285 |
| **Sugar** | | | | | | | | | | | |
| Production | 2,420 | 2,773 | 2,874 | 2,945 | 3,010 | 3,067 | 3,118 | 3,165 | 3,210 | 3,253 | 3,294 |
| Beginning Stocks | 87 | 62 | 72 | 76 | 77 | 78 | 79 | 80 | 81 | 81 | 82 |
| Domestic Supply | 2,507 | 2,835 | 2,946 | 3,021 | 3,088 | 3,145 | 3,197 | 3,245 | 3,291 | 3,334 | 3,376 |
| Consumption | 1,525 | 1,533 | 1,578 | 1,610 | 1,644 | 1,682 | 1,719 | 1,758 | 1,798 | 1,839 | 1,880 |
| Ending Stocks | 62 | 72 | 76 | 77 | 78 | 79 | 80 | 81 | 81 | 82 | 83 |
| Domestic Use | 1,587 | 1,605 | 1,654 | 1,687 | 1,722 | 1,761 | 1,799 | 1,839 | 1,879 | 1,921 | 1,963 |
| Net Trade | 920 | 1,230 | 1,292 | 1,334 | 1,365 | 1,384 | 1,398 | 1,407 | 1,412 | 1,413 | 1,413 |

## Cuban Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 481 | 492 | 501 | 505 | 508 | 510 | 512 | 515 | 518 | 521 | 524 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 32.57 | 32.82 | 33.09 | 33.38 | 33.67 | 33.96 | 34.25 | 34.55 | 34.84 | 35.14 | 35.43 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 15,655 | 16,152 | 16,584 | 16,839 | 17,090 | 17,316 | 17,542 | 17,786 | 18,042 | 18,302 | 18,565 |
| **Sugar** | | | | | | | | | | | |
| Production | 1,450 | 1,499 | 1,543 | 1,570 | 1,597 | 1,621 | 1,646 | 1,672 | 1,700 | 1,728 | 1,757 |
| Beginning Stocks | 132 | 150 | 165 | 174 | 178 | 181 | 183 | 185 | 187 | 189 | 191 |
| Domestic Supply | 1,582 | 1,649 | 1,708 | 1,744 | 1,774 | 1,802 | 1,829 | 1,858 | 1,887 | 1,917 | 1,948 |
| Consumption | 700 | 694 | 708 | 713 | 719 | 727 | 732 | 737 | 743 | 748 | 753 |
| Ending Stocks | 150 | 165 | 174 | 178 | 181 | 183 | 185 | 187 | 189 | 191 | 193 |
| Domestic Use | 850 | 859 | 881 | 891 | 900 | 910 | 917 | 925 | 932 | 939 | 946 |
| Net Trade | 732 | 790 | 826 | 853 | 874 | 892 | 912 | 933 | 955 | 978 | 1,002 |

## Egyptian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 62 | 64 | 66 | 67 | 68 | 69 | 69 | 70 | 71 | 72 | 73 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 50.00 | 50.20 | 50.50 | 50.84 | 51.21 | 51.60 | 51.98 | 52.37 | 52.76 | 53.15 | 53.55 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,100 | 3,212 | 3,313 | 3,391 | 3,468 | 3,540 | 3,612 | 3,688 | 3,766 | 3,847 | 3,929 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 135 | 139 | 141 | 142 | 142 | 143 | 143 | 143 | 143 | 144 | 145 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 122.26 | 119.44 | 121.98 | 123.60 | 124.71 | 125.53 | 126.20 | 126.78 | 127.32 | 127.83 | 128.32 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 16,505 | 16,583 | 17,220 | 17,529 | 17,750 | 17,890 | 18,004 | 18,133 | 18,268 | 18,406 | 18,544 |
| **Sugar** | | | | | | | | | | | |
| Production | 1,370 | 1,388 | 1,445 | 1,478 | 1,504 | 1,524 | 1,543 | 1,563 | 1,584 | 1,605 | 1,627 |
| Beginning Stocks | 459 | 520 | 531 | 537 | 538 | 538 | 539 | 538 | 538 | 537 | 537 |
| Domestic Supply | 1,829 | 1,908 | 1,976 | 2,014 | 2,042 | 2,062 | 2,082 | 2,101 | 2,122 | 2,142 | 2,163 |
| Consumption | 2,539 | 2,553 | 2,637 | 2,693 | 2,760 | 2,828 | 2,884 | 2,942 | 3,000 | 3,060 | 3,120 |
| Ending Stocks | 520 | 531 | 537 | 538 | 538 | 539 | 538 | 538 | 537 | 537 | 536 |
| Domestic Use | 3,059 | 3,084 | 3,174 | 3,231 | 3,298 | 3,367 | 3,423 | 3,480 | 3,538 | 3,597 | 3,656 |
| Net Trade | -1,230 | -1,176 | -1,198 | -1,217 | -1,256 | -1,304 | -1,341 | -1,378 | -1,416 | -1,454 | -1,493 |

## European Union Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 2,125 | 1,575 | 1,484 | 1,417 | 1,405 | 1,395 | 1,386 | 1,377 | 1,369 | 1,361 | 1,354 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 57.85 | 58.61 | 59.19 | 59.64 | 60.05 | 60.43 | 60.79 | 61.13 | 61.47 | 61.79 | 62.11 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 122,931 | 92,291 | 87,853 | 84,500 | 84,344 | 84,315 | 84,257 | 84,206 | 84,158 | 84,115 | 84,070 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 0.9 | 0.8 | 0.8 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 101.41 | 101.61 | 101.78 | 101.94 | 102.10 | 102.25 | 102.40 | 102.56 | 102.71 | 102.86 | 103.01 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 92 | 84 | 77 | 70 | 66 | 63 | 61 | 59 | 58 | 57 | 57 |
| **Sugar** | | | | | | | | | | | |
| Production | 21,233 | 15,947 | 15,186 | 14,612 | 14,591 | 14,594 | 14,592 | 14,591 | 14,591 | 14,592 | 14,592 |
| Beginning Stocks | 5,773 | 4,608 | 4,471 | 4,441 | 4,529 | 4,638 | 4,636 | 4,619 | 4,600 | 4,580 | 4,560 |
| Domestic Supply | 27,006 | 20,555 | 19,657 | 19,052 | 19,120 | 19,233 | 19,228 | 19,210 | 19,191 | 19,172 | 19,152 |
| Consumption | 17,525 | 17,550 | 17,586 | 17,879 | 18,184 | 18,206 | 18,218 | 18,228 | 18,236 | 18,242 | 18,248 |
| Ending Stocks | 4,608 | 4,471 | 4,441 | 4,529 | 4,638 | 4,636 | 4,619 | 4,600 | 4,580 | 4,560 | 4,539 |
| Domestic Use | 22,133 | 22,021 | 22,026 | 22,408 | 22,823 | 22,842 | 22,837 | 22,828 | 22,816 | 22,802 | 22,787 |
| Net Trade | 4,873 | -1,467 | -2,370 | -3,356 | -3,703 | -3,609 | -3,609 | -3,617 | -3,625 | -3,630 | -3,635 |

## Guatemalan Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 194 | 200 | 204 | 205 | 206 | 206 | 206 | 206 | 207 | 207 | 207 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 90.65 | 90.68 | 90.88 | 91.20 | 91.57 | 91.98 | 92.41 | 92.85 | 93.30 | 93.75 | 94.20 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 17,587 | 18,151 | 18,529 | 18,708 | 18,852 | 18,964 | 19,065 | 19,173 | 19,283 | 19,395 | 19,507 |
| **Sugar** | | | | | | | | | | | |
| Production | 2,000 | 2,066 | 2,111 | 2,133 | 2,151 | 2,166 | 2,180 | 2,194 | 2,208 | 2,223 | 2,238 |
| Beginning Stocks | 223 | 260 | 263 | 266 | 267 | 267 | 268 | 268 | 269 | 269 | 270 |
| Domestic Supply | 2,223 | 2,326 | 2,374 | 2,399 | 2,418 | 2,433 | 2,447 | 2,462 | 2,477 | 2,492 | 2,508 |
| Consumption | 572 | 577 | 598 | 613 | 628 | 644 | 660 | 675 | 691 | 706 | 722 |
| Ending Stocks | 260 | 263 | 266 | 267 | 267 | 268 | 268 | 269 | 269 | 270 | 270 |
| Domestic Use | 832 | 840 | 864 | 879 | 895 | 912 | 928 | 944 | 960 | 976 | 992 |
| Net Trade | 1,391 | 1,486 | 1,510 | 1,520 | 1,523 | 1,521 | 1,519 | 1,518 | 1,517 | 1,516 | 1,516 |

## Indian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 4,140 | 4,309 | 4,401 | 4,434 | 4,468 | 4,495 | 4,519 | 4,545 | 4,575 | 4,607 | 4,641 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 62.32 | 64.50 | 65.69 | 66.52 | 67.22 | 67.88 | 68.51 | 69.14 | 69.77 | 70.40 | 71.02 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 258,000 | 277,950 | 289,111 | 294,972 | 300,319 | 305,099 | 309,592 | 314,267 | 319,174 | 324,311 | 329,605 |
| **Sugar** | | | | | | | | | | | |
| Production | 18,430 | 19,925 | 20,798 | 21,293 | 21,755 | 22,178 | 22,582 | 23,002 | 23,441 | 23,900 | 24,373 |
| Beginning Stocks | 5,730 | 5,160 | 4,903 | 4,962 | 5,043 | 5,144 | 5,268 | 5,387 | 5,502 | 5,614 | 5,724 |
| Domestic Supply | 24,160 | 25,085 | 25,701 | 26,256 | 26,797 | 27,322 | 27,850 | 28,389 | 28,943 | 29,514 | 30,097 |
| Consumption | 19,800 | 19,834 | 20,563 | 20,922 | 21,328 | 21,793 | 22,218 | 22,638 | 23,059 | 23,480 | 23,918 |
| Ending Stocks | 5,160 | 4,903 | 4,962 | 5,043 | 5,144 | 5,268 | 5,387 | 5,502 | 5,614 | 5,724 | 5,835 |
| Domestic Use | 24,960 | 24,737 | 25,525 | 25,965 | 26,472 | 27,061 | 27,605 | 28,140 | 28,672 | 29,204 | 29,752 |
| Net Trade | -800 | 348 | 175 | 291 | 325 | 261 | 244 | 249 | 271 | 310 | 344 |

## Indonesian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 350 | 352 | 355 | 358 | 361 | 364 | 365 | 366 | 367 | 368 | 371 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 72.86 | 74.14 | 74.87 | 75.35 | 75.71 | 76.03 | 76.33 | 76.61 | 76.89 | 77.16 | 77.44 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 25,500 | 26,097 | 26,607 | 26,948 | 27,357 | 27,639 | 27,842 | 28,014 | 28,190 | 28,431 | 28,730 |
| **Sugar** | | | | | | | | | | | |
| Production | 1,800 | 1,849 | 1,891 | 1,922 | 1,958 | 1,986 | 2,007 | 2,026 | 2,046 | 2,071 | 2,100 |
| Beginning Stocks | 1,120 | 920 | 870 | 865 | 869 | 875 | 883 | 890 | 897 | 904 | 911 |
| Domestic Supply | 2,920 | 2,769 | 2,762 | 2,787 | 2,827 | 2,861 | 2,890 | 2,917 | 2,944 | 2,975 | 3,011 |
| Consumption | 3,800 | 3,661 | 3,726 | 3,782 | 3,838 | 3,894 | 3,949 | 4,003 | 4,056 | 4,110 | 4,164 |
| Ending Stocks | 920 | 870 | 865 | 869 | 875 | 883 | 890 | 897 | 904 | 911 | 918 |
| Domestic Use | 4,720 | 4,531 | 4,591 | 4,651 | 4,713 | 4,777 | 4,839 | 4,900 | 4,961 | 5,021 | 5,082 |
| Net Trade | -1,800 | -1,763 | -1,829 | -1,863 | -1,886 | -1,916 | -1,949 | -1,983 | -2,017 | -2,046 | -2,071 |

## Iranian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 203 | 205 | 206 | 206 | 206 | 205 | 205 | 206 | 207 | 207 | 209 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 30.15 | 30.35 | 30.58 | 30.82 | 31.06 | 31.30 | 31.55 | 31.80 | 32.04 | 32.29 | 32.53 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,113 | 6,215 | 6,295 | 6,341 | 6,384 | 6,426 | 6,478 | 6,543 | 6,618 | 6,699 | 6,785 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 70 | 71 | 71 | 72 | 72 | 72 | 73 | 73 | 74 | 74 | 75 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 91.84 | 92.34 | 92.93 | 93.56 | 94.21 | 94.88 | 95.54 | 96.21 | 96.88 | 97.55 | 98.23 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,430 | 6,536 | 6,629 | 6,699 | 6,770 | 6,844 | 6,929 | 7,027 | 7,135 | 7,248 | 7,365 |
| **Sugar** | | | | | | | | | | | |
| Production | 1,450 | 1,438 | 1,458 | 1,473 | 1,487 | 1,501 | 1,518 | 1,538 | 1,560 | 1,584 | 1,608 |
| Beginning Stocks | 517 | 592 | 615 | 632 | 641 | 648 | 652 | 654 | 654 | 654 | 654 |
| Domestic Supply | 1,967 | 2,030 | 2,074 | 2,105 | 2,128 | 2,149 | 2,170 | 2,192 | 2,214 | 2,238 | 2,263 |
| Consumption | 1,975 | 1,987 | 2,053 | 2,095 | 2,139 | 2,180 | 2,213 | 2,245 | 2,278 | 2,311 | 2,344 |
| Ending Stocks | 592 | 615 | 632 | 641 | 648 | 652 | 654 | 654 | 654 | 654 | 654 |
| Domestic Use | 2,567 | 2,603 | 2,685 | 2,737 | 2,787 | 2,832 | 2,866 | 2,900 | 2,933 | 2,966 | 2,998 |
| Net Trade | -600 | -573 | -612 | -632 | -659 | -683 | -696 | -708 | -718 | -728 | -736 |

## Japanese Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 68 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 61.76 | 61.94 | 62.37 | 62.92 | 63.52 | 64.16 | 64.80 | 65.45 | 66.11 | 66.76 | 67.42 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 4,200 | 4,226 | 4,267 | 4,313 | 4,366 | 4,418 | 4,468 | 4,516 | 4,562 | 4,604 | 4,644 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 24 | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 56.25 | 56.65 | 57.21 | 57.83 | 58.48 | 59.14 | 59.81 | 60.47 | 61.14 | 61.81 | 62.47 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,350 | 1,369 | 1,392 | 1,416 | 1,443 | 1,469 | 1,495 | 1,519 | 1,543 | 1,564 | 1,585 |
| **Sugar** | | | | | | | | | | | |
| Production | 890 | 901 | 916 | 932 | 949 | 966 | 983 | 1,000 | 1,016 | 1,031 | 1,046 |
| Beginning Stocks | 433 | 465 | 472 | 474 | 475 | 475 | 476 | 476 | 477 | 478 | 479 |
| Domestic Supply | 1,323 | 1,366 | 1,388 | 1,406 | 1,423 | 1,441 | 1,459 | 1,476 | 1,493 | 1,509 | 1,525 |
| Consumption | 2,250 | 2,252 | 2,257 | 2,259 | 2,262 | 2,266 | 2,269 | 2,272 | 2,275 | 2,277 | 2,278 |
| Ending Stocks | 465 | 472 | 474 | 475 | 475 | 476 | 476 | 477 | 478 | 479 | 480 |
| Domestic Use | 2,715 | 2,724 | 2,731 | 2,734 | 2,737 | 2,741 | 2,746 | 2,749 | 2,753 | 2,756 | 2,758 |
| Net Trade | -1,392 | -1,357 | -1,344 | -1,328 | -1,314 | -1,300 | -1,287 | -1,273 | -1,260 | -1,247 | -1,233 |

## Malaysian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 66.67 | 67.39 | 67.86 | 68.21 | 68.52 | 68.80 | 69.08 | 69.35 | 69.62 | 69.89 | 70.16 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 800 | 829 | 844 | 849 | 852 | 854 | 856 | 859 | 862 | 866 | 869 |
| **Sugar** | | | | | | | | | | | |
| Production | 80 | 84 | 86 | 87 | 89 | 90 | 91 | 92 | 93 | 94 | 96 |
| Beginning Stocks | 151 | 158 | 159 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 |
| Domestic Supply | 231 | 242 | 245 | 248 | 251 | 253 | 255 | 257 | 259 | 261 | 264 |
| Consumption | 1,263 | 1,278 | 1,313 | 1,338 | 1,366 | 1,395 | 1,424 | 1,453 | 1,484 | 1,514 | 1,546 |
| Ending Stocks | 158 | 159 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 |
| Domestic Use | 1,421 | 1,437 | 1,473 | 1,500 | 1,529 | 1,559 | 1,589 | 1,620 | 1,651 | 1,682 | 1,715 |
| Net Trade | -1,190 | -1,195 | -1,229 | -1,251 | -1,278 | -1,307 | -1,334 | -1,362 | -1,391 | -1,421 | -1,451 |

## Mexican Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 657 | 633 | 638 | 645 | 651 | 658 | 665 | 672 | 679 | 687 | 694 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 72.82 | 72.83 | 73.06 | 73.35 | 73.66 | 73.97 | 74.29 | 74.60 | 74.92 | 75.23 | 75.55 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 47,850 | 46,086 | 46,593 | 47,291 | 47,967 | 48,680 | 49,388 | 50,143 | 50,889 | 51,649 | 52,437 |
| **Sugar** | | | | | | | | | | | |
| Production | 6,000 | 5,783 | 5,852 | 5,944 | 6,034 | 6,128 | 6,222 | 6,323 | 6,422 | 6,523 | 6,628 |
| Beginning Stocks | 2,043 | 2,318 | 2,266 | 2,171 | 2,093 | 2,017 | 1,944 | 1,870 | 1,798 | 1,726 | 1,653 |
| Domestic Supply | 8,043 | 8,101 | 8,118 | 8,115 | 8,126 | 8,146 | 8,166 | 8,193 | 8,220 | 8,249 | 8,281 |
| Consumption | 5,482 | 5,651 | 5,691 | 5,755 | 5,831 | 5,905 | 5,982 | 6,057 | 6,136 | 6,215 | 6,295 |
| Ending Stocks | 2,318 | 2,266 | 2,171 | 2,093 | 2,017 | 1,944 | 1,870 | 1,798 | 1,726 | 1,653 | 1,581 |
| Domestic Use | 7,800 | 7,917 | 7,862 | 7,847 | 7,848 | 7,848 | 7,852 | 7,855 | 7,862 | 7,868 | 7,876 |
| Net Trade | 243 | 185 | 256 | 268 | 278 | 297 | 314 | 338 | 358 | 380 | 405 |

## Moroccan Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 57 | 58 | 60 | 60 | 61 | 61 | 62 | 62 | 62 | 63 | 63 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 52.63 | 52.85 | 53.17 | 53.54 | 53.94 | 54.36 | 54.78 | 55.20 | 55.63 | 56.05 | 56.48 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 3,000 | 3,091 | 3,174 | 3,232 | 3,287 | 3,330 | 3,370 | 3,415 | 3,463 | 3,512 | 3,563 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 99.00 | 99.26 | 99.66 | 100.14 | 100.67 | 101.22 | 101.78 | 102.35 | 102.93 | 103.51 | 104.09 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 990 | 1,015 | 1,039 | 1,056 | 1,073 | 1,087 | 1,099 | 1,114 | 1,129 | 1,145 | 1,162 |
| **Sugar** | | | | | | | | | | | |
| Production | 520 | 536 | 550 | 561 | 571 | 579 | 587 | 595 | 604 | 613 | 623 |
| Beginning Stocks | 303 | 283 | 277 | 277 | 278 | 280 | 282 | 284 | 286 | 287 | 289 |
| Domestic Supply | 823 | 819 | 827 | 838 | 849 | 858 | 869 | 879 | 890 | 901 | 912 |
| Consumption | 1,060 | 1,071 | 1,103 | 1,126 | 1,154 | 1,185 | 1,212 | 1,241 | 1,270 | 1,299 | 1,329 |
| Ending Stocks | 283 | 277 | 277 | 278 | 280 | 282 | 284 | 286 | 287 | 289 | 290 |
| Domestic Use | 1,343 | 1,347 | 1,380 | 1,404 | 1,433 | 1,467 | 1,496 | 1,526 | 1,557 | 1,588 | 1,619 |
| Net Trade | -520 | -529 | -553 | -566 | -585 | -608 | -628 | -647 | -667 | -687 | -708 |

## Pakistani Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 32.30 | 32.30 | 32.45 | 32.67 | 32.92 | 33.18 | 33.44 | 33.71 | 33.98 | 34.25 | 34.52 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 227 | 228 | 231 | 235 | 240 | 244 | 249 | 254 | 259 | 264 | 269 |
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 944 | 956 | 971 | 982 | 993 | 1,003 | 1,012 | 1,022 | 1,032 | 1,042 | 1,052 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 49.01 | 49.20 | 49.43 | 49.66 | 49.90 | 50.15 | 50.39 | 50.63 | 50.88 | 51.12 | 51.37 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 46,283 | 47,048 | 47,975 | 48,745 | 49,532 | 50,280 | 51,008 | 51,746 | 52,496 | 53,257 | 54,027 |
| **Sugar** | | | | | | | | | | | |
| Production | 2,890 | 2,964 | 3,048 | 3,124 | 3,202 | 3,278 | 3,354 | 3,431 | 3,510 | 3,591 | 3,672 |
| Beginning Stocks | 827 | 717 | 652 | 623 | 605 | 594 | 585 | 578 | 571 | 564 | 557 |
| Domestic Supply | 3,717 | 3,681 | 3,700 | 3,748 | 3,808 | 3,872 | 3,940 | 4,009 | 4,081 | 4,155 | 4,229 |
| Consumption | 3,850 | 3,904 | 4,035 | 4,128 | 4,225 | 4,328 | 4,427 | 4,524 | 4,622 | 4,718 | 4,816 |
| Ending Stocks | 717 | 652 | 623 | 605 | 594 | 585 | 578 | 571 | 564 | 557 | 550 |
| Domestic Use | 4,567 | 4,556 | 4,658 | 4,733 | 4,819 | 4,913 | 5,005 | 5,095 | 5,185 | 5,274 | 5,366 |
| Net Trade | -850 | -875 | -958 | -985 | -1,011 | -1,041 | -1,065 | -1,086 | -1,104 | -1,120 | -1,137 |

## Peruvian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 75 | 79 | 81 | 82 | 83 | 83 | 84 | 84 | 85 | 85 | 86 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 110.67 | 111.42 | 112.52 | 113.81 | 115.21 | 116.66 | 118.14 | 119.64 | 121.14 | 122.65 | 124.16 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 8,300 | 8,748 | 9,086 | 9,315 | 9,530 | 9,722 | 9,899 | 10,078 | 10,260 | 10,441 | 10,623 |
| **Sugar** | | | | | | | | | | | |
| Production | 850 | 897 | 933 | 958 | 982 | 1,003 | 1,023 | 1,043 | 1,063 | 1,083 | 1,104 |
| Beginning Stocks | 22 | 15 | 17 | 21 | 25 | 29 | 33 | 37 | 41 | 46 | 50 |
| Domestic Supply | 872 | 912 | 950 | 979 | 1,006 | 1,032 | 1,056 | 1,080 | 1,104 | 1,129 | 1,154 |
| Consumption | 926 | 924 | 951 | 965 | 982 | 1,002 | 1,021 | 1,039 | 1,058 | 1,078 | 1,097 |
| Ending Stocks | 15 | 17 | 21 | 25 | 29 | 33 | 37 | 41 | 46 | 50 | 54 |
| Domestic Use | 941 | 941 | 971 | 990 | 1,011 | 1,035 | 1,058 | 1,081 | 1,104 | 1,128 | 1,151 |
| Net Trade | -69 | -29 | -22 | -11 | -5 | -4 | -2 | -1 | 1 | 1 | 3 |

## Philippine Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 375 | 384 | 392 | 396 | 399 | 401 | 403 | 406 | 408 | 411 | 414 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 58.67 | 59.18 | 59.87 | 60.64 | 61.44 | 62.25 | 63.08 | 63.90 | 64.73 | 65.56 | 66.39 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 22,000 | 22,735 | 23,465 | 23,993 | 24,511 | 24,989 | 25,450 | 25,930 | 26,426 | 26,937 | 27,454 |
| **Sugar** | | | | | | | | | | | |
| Production | 2,100 | 2,172 | 2,244 | 2,297 | 2,349 | 2,398 | 2,445 | 2,493 | 2,544 | 2,595 | 2,648 |
| Beginning Stocks | 239 | 173 | 208 | 227 | 237 | 244 | 250 | 255 | 259 | 264 | 268 |
| Domestic Supply | 2,339 | 2,345 | 2,452 | 2,524 | 2,586 | 2,642 | 2,694 | 2,748 | 2,803 | 2,859 | 2,916 |
| Consumption | 2,010 | 2,031 | 2,087 | 2,128 | 2,171 | 2,217 | 2,259 | 2,302 | 2,345 | 2,388 | 2,433 |
| Ending Stocks | 173 | 208 | 227 | 237 | 244 | 250 | 255 | 259 | 264 | 268 | 272 |
| Domestic Use | 2,183 | 2,239 | 2,314 | 2,365 | 2,415 | 2,466 | 2,514 | 2,561 | 2,609 | 2,656 | 2,706 |
| Net Trade | 156 | 107 | 138 | 160 | 172 | 175 | 180 | 187 | 194 | 203 | 210 |

## Russian and Ukrainian Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 1,590 | 1,628 | 1,655 | 1,670 | 1,677 | 1,684 | 1,692 | 1,703 | 1,714 | 1,728 | 1,742 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 22.96 | 23.10 | 23.25 | 23.40 | 23.56 | 23.71 | 23.87 | 24.02 | 24.18 | 24.34 | 24.49 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 36,500 | 37,613 | 38,482 | 39,075 | 39,513 | 39,925 | 40,389 | 40,910 | 41,451 | 42,043 | 42,666 |
| **Sugar** | | | | | | | | | | | |
| Production | 4,080 | 4,210 | 4,313 | 4,385 | 4,441 | 4,493 | 4,551 | 4,616 | 4,683 | 4,756 | 4,833 |
| Beginning Stocks | 731 | 651 | 555 | 616 | 756 | 912 | 1,039 | 1,131 | 1,212 | 1,292 | 1,374 |
| Domestic Supply | 4,811 | 4,861 | 4,868 | 5,001 | 5,196 | 5,405 | 5,590 | 5,747 | 5,895 | 6,048 | 6,207 |
| Consumption | 8,550 | 8,456 | 8,505 | 8,582 | 8,651 | 8,688 | 8,703 | 8,715 | 8,727 | 8,741 | 8,747 |
| Ending Stocks | 651 | 555 | 616 | 756 | 912 | 1,039 | 1,131 | 1,212 | 1,292 | 1,374 | 1,451 |
| Domestic Use | 9,201 | 9,010 | 9,121 | 9,337 | 9,563 | 9,727 | 9,834 | 9,927 | 10,019 | 10,115 | 10,199 |
| Net Trade | -4,390 | -4,149 | -4,253 | -4,336 | -4,367 | -4,322 | -4,245 | -4,179 | -4,124 | -4,066 | -3,991 |

## South African Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 325 | 333 | 341 | 346 | 350 | 353 | 355 | 357 | 359 | 360 | 361 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 66.13 | 66.88 | 67.55 | 68.17 | 68.75 | 69.33 | 69.89 | 70.46 | 71.01 | 71.57 | 72.13 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 21,492 | 22,306 | 23,041 | 23,583 | 24,066 | 24,472 | 24,828 | 25,161 | 25,475 | 25,776 | 26,069 |
| **Sugar** | | | | | | | | | | | |
| Production | 2,665 | 2,768 | 2,862 | 2,931 | 2,994 | 3,047 | 3,094 | 3,138 | 3,179 | 3,219 | 3,259 |
| Beginning Stocks | 920 | 980 | 954 | 924 | 888 | 850 | 812 | 773 | 734 | 695 | 657 |
| Domestic Supply | 3,585 | 3,748 | 3,815 | 3,856 | 3,882 | 3,896 | 3,905 | 3,910 | 3,913 | 3,915 | 3,915 |
| Consumption | 1,555 | 1,546 | 1,569 | 1,579 | 1,593 | 1,612 | 1,630 | 1,650 | 1,671 | 1,694 | 1,719 |
| Ending Stocks | 980 | 954 | 924 | 888 | 850 | 812 | 773 | 734 | 695 | 657 | 618 |
| Domestic Use | 2,535 | 2,500 | 2,494 | 2,467 | 2,443 | 2,424 | 2,403 | 2,384 | 2,366 | 2,351 | 2,336 |
| Net Trade | 1,050 | 1,248 | 1,322 | 1,389 | 1,439 | 1,473 | 1,503 | 1,526 | 1,547 | 1,564 | 1,579 |

## South Korean Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Beginning Stocks | 150 | 150 | 149 | 151 | 152 | 154 | 155 | 157 | 158 | 160 | 161 |
| Domestic Supply | 150 | 150 | 149 | 151 | 152 | 154 | 155 | 157 | 158 | 160 | 161 |
| Consumption | 1,340 | 1,335 | 1,357 | 1,371 | 1,387 | 1,403 | 1,416 | 1,428 | 1,440 | 1,451 | 1,461 |
| Ending Stocks | 150 | 149 | 151 | 152 | 154 | 155 | 157 | 158 | 160 | 161 | 162 |
| Domestic Use | 1,490 | 1,484 | 1,508 | 1,524 | 1,541 | 1,558 | 1,572 | 1,586 | 1,599 | 1,612 | 1,624 |
| Net Trade | -1,340 | -1,334 | -1,359 | -1,373 | -1,389 | -1,404 | -1,417 | -1,429 | -1,441 | -1,452 | -1,463 |

## Thai Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 950 | 991 | 1,017 | 1,034 | 1,045 | 1,054 | 1,060 | 1,065 | 1,070 | 1,075 | 1,080 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 42.11 | 52.06 | 57.88 | 61.41 | 63.66 | 65.21 | 66.37 | 67.31 | 68.13 | 68.89 | 69.61 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 40,000 | 51,616 | 58,885 | 63,486 | 66,550 | 68,712 | 70,347 | 71,683 | 72,882 | 74,041 | 75,205 |
| **Sugar** | | | | | | | | | | | |
| Production | 4,330 | 5,595 | 6,392 | 6,901 | 7,244 | 7,490 | 7,678 | 7,835 | 7,977 | 8,115 | 8,254 |
| Beginning Stocks | 732 | 262 | 291 | 325 | 351 | 376 | 401 | 426 | 452 | 473 | 493 |
| Domestic Supply | 5,062 | 5,857 | 6,683 | 7,226 | 7,595 | 7,865 | 8,079 | 8,261 | 8,429 | 8,588 | 8,747 |
| Consumption | 2,100 | 2,102 | 2,164 | 2,200 | 2,245 | 2,291 | 2,340 | 2,390 | 2,431 | 2,472 | 2,513 |
| Ending Stocks | 262 | 291 | 325 | 351 | 376 | 401 | 426 | 452 | 473 | 493 | 512 |
| Domestic Use | 2,362 | 2,393 | 2,489 | 2,551 | 2,620 | 2,691 | 2,767 | 2,842 | 2,904 | 2,965 | 3,025 |
| Net Trade | 2,700 | 3,464 | 4,194 | 4,675 | 4,974 | 5,174 | 5,313 | 5,419 | 5,525 | 5,623 | 5,722 |

## Turkish Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugar Beet** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 320 | 319 | 318 | 316 | 314 | 313 | 312 | 311 | 310 | 309 | 307 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 45.31 | 46.98 | 47.97 | 48.67 | 49.26 | 49.81 | 50.33 | 50.85 | 51.37 | 51.88 | 52.40 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 14,500 | 14,980 | 15,246 | 15,361 | 15,480 | 15,586 | 15,694 | 15,810 | 15,920 | 16,010 | 16,081 |
| **Sugar** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,175 | 2,248 | 2,290 | 2,309 | 2,328 | 2,346 | 2,363 | 2,383 | 2,401 | 2,416 | 2,428 |
| Beginning Stocks | 583 | 708 | 748 | 769 | 776 | 780 | 783 | 785 | 786 | 788 | 791 |
| Domestic Supply | 2,758 | 2,956 | 3,038 | 3,078 | 3,105 | 3,126 | 3,147 | 3,168 | 3,187 | 3,204 | 3,219 |
| Consumption | 2,000 | 2,009 | 2,071 | 2,105 | 2,141 | 2,176 | 2,211 | 2,248 | 2,288 | 2,335 | 2,386 |
| Ending Stocks | 708 | 748 | 769 | 776 | 780 | 783 | 785 | 786 | 788 | 791 | 794 |
| Domestic Use | 2,708 | 2,758 | 2,840 | 2,881 | 2,921 | 2,959 | 2,996 | 3,035 | 3,076 | 3,126 | 3,180 |
| Net Trade | 50 | 199 | 198 | 196 | 184 | 167 | 151 | 133 | 111 | 78 | 39 |

## Venezuelan Sugar Supply and Utilization

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sugarcane** | | | | | (Thousand Hectares) | | | | | | |
| Area Harvested | 115 | 117 | 118 | 118 | 118 | 118 | 118 | 119 | 119 | 119 | 120 |
| | | | | | (Metric Tons per Hectare) | | | | | | |
| Yield | 59.83 | 59.95 | 60.20 | 60.53 | 60.90 | 61.28 | 61.69 | 62.10 | 62.51 | 62.93 | 63.35 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 6,880 | 7,004 | 7,104 | 7,144 | 7,192 | 7,243 | 7,301 | 7,369 | 7,442 | 7,517 | 7,592 |
| **Sugar** | | | | | | | | | | | |
| Production | 600 | 612 | 622 | 626 | 631 | 637 | 643 | 650 | 658 | 666 | 673 |
| Beginning Stocks | 220 | 220 | 218 | 223 | 225 | 228 | 230 | 232 | 233 | 235 | 236 |
| Domestic Supply | 820 | 832 | 839 | 849 | 857 | 865 | 873 | 882 | 891 | 900 | 910 |
| Consumption | 865 | 873 | 898 | 915 | 934 | 953 | 971 | 988 | 1,007 | 1,025 | 1,043 |
| Ending Stocks | 220 | 218 | 223 | 225 | 228 | 230 | 232 | 233 | 235 | 236 | 238 |
| Domestic Use | 1,085 | 1,091 | 1,121 | 1,140 | 1,161 | 1,182 | 1,202 | 1,221 | 1,241 | 1,261 | 1,281 |
| Net Trade | -265 | -259 | -282 | -291 | -304 | -318 | -329 | -340 | -351 | -360 | -371 |

## Per Capita Sugar Consumption of Selected Countries

| | 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Kilograms) | | | | | |
| Algeria | 37.32 | 37.11 | 37.51 | 37.66 | 37.90 | 38.04 | 38.10 | 38.17 | 38.23 | 38.30 | 38.37 |
| Argentina | 40.33 | 40.14 | 40.37 | 40.78 | 41.27 | 41.75 | 42.18 | 42.62 | 43.08 | 43.56 | 44.05 |
| Australia | 56.75 | 56.56 | 57.27 | 57.53 | 57.85 | 58.17 | 58.41 | 58.65 | 58.89 | 59.13 | 59.38 |
| Brazil | 57.42 | 57.45 | 58.11 | 58.49 | 58.91 | 59.36 | 59.78 | 60.18 | 60.59 | 60.99 | 61.39 |
| Canada | 43.81 | 43.61 | 43.90 | 43.96 | 44.11 | 44.26 | 44.37 | 44.47 | 44.57 | 44.69 | 44.81 |
| China | 8.90 | 8.89 | 8.99 | 9.05 | 9.12 | 9.18 | 9.24 | 9.30 | 9.37 | 9.43 | 9.50 |
| Colombia | 34.98 | 34.67 | 35.18 | 35.39 | 35.66 | 35.99 | 36.31 | 36.66 | 37.01 | 37.38 | 37.76 |
| Cuba | 61.50 | 60.79 | 61.81 | 62.11 | 62.53 | 62.99 | 63.34 | 63.68 | 64.02 | 64.37 | 64.71 |
| Egypt | 32.19 | 31.81 | 32.30 | 32.45 | 32.72 | 33.00 | 33.14 | 33.30 | 33.47 | 33.64 | 33.83 |
| European Union | 38.30 | 38.30 | 38.34 | 38.94 | 39.56 | 39.58 | 39.58 | 39.58 | 39.58 | 39.59 | 39.60 |
| Guatemala | 46.53 | 45.91 | 46.52 | 46.65 | 46.86 | 47.10 | 47.28 | 47.45 | 47.63 | 47.81 | 47.99 |
| India | 18.08 | 17.86 | 18.27 | 18.35 | 18.47 | 18.63 | 18.76 | 18.88 | 19.01 | 19.13 | 19.26 |
| Indonesia | 15.48 | 14.71 | 14.77 | 14.80 | 14.83 | 14.86 | 14.89 | 14.92 | 14.96 | 14.99 | 15.03 |
| Iran | 28.75 | 28.61 | 29.23 | 29.49 | 29.77 | 29.99 | 30.09 | 30.19 | 30.29 | 30.39 | 30.49 |
| Japan | 17.65 | 17.67 | 17.72 | 17.74 | 17.78 | 17.84 | 17.90 | 17.97 | 18.03 | 18.10 | 18.17 |
| Malaysia | 51.79 | 51.51 | 51.96 | 52.05 | 52.23 | 52.46 | 52.66 | 52.86 | 53.07 | 53.30 | 53.54 |
| Mexico | 48.88 | 49.91 | 49.93 | 49.92 | 50.03 | 50.11 | 50.22 | 50.31 | 50.43 | 50.56 | 50.70 |
| Morocco | 31.89 | 31.72 | 32.17 | 32.37 | 32.68 | 33.08 | 33.38 | 33.69 | 34.01 | 34.34 | 34.67 |
| Pakistan | 23.22 | 23.06 | 23.36 | 23.43 | 23.53 | 23.65 | 23.75 | 23.84 | 23.93 | 24.01 | 24.10 |
| Peru | 32.72 | 32.23 | 32.73 | 32.83 | 33.01 | 33.30 | 33.52 | 33.76 | 34.00 | 34.27 | 34.52 |
| Philippines | 22.47 | 22.30 | 22.52 | 22.57 | 22.64 | 22.75 | 22.82 | 22.88 | 22.95 | 23.03 | 23.12 |
| Russia and Ukraine | 45.09 | 44.78 | 45.24 | 45.84 | 46.40 | 46.81 | 47.09 | 47.37 | 47.66 | 47.96 | 48.24 |
| South Africa | 35.19 | 35.14 | 35.84 | 36.24 | 36.77 | 37.40 | 38.00 | 38.66 | 39.35 | 40.09 | 40.86 |
| South Korea | 27.43 | 27.22 | 27.57 | 27.76 | 27.98 | 28.21 | 28.40 | 28.58 | 28.76 | 28.93 | 29.08 |
| Thailand | 32.49 | 32.31 | 33.04 | 33.39 | 33.85 | 34.35 | 34.90 | 35.46 | 35.88 | 36.32 | 36.76 |
| Turkey | 28.40 | 28.24 | 28.81 | 28.99 | 29.19 | 29.39 | 29.60 | 29.83 | 30.09 | 30.46 | 30.86 |
| United States | 31.03 | 30.74 | 30.59 | 30.64 | 30.61 | 30.40 | 30.16 | 29.91 | 29.69 | 29.53 | 29.36 |
| Venezuela | 33.62 | 33.48 | 33.98 | 34.15 | 34.41 | 34.67 | 34.89 | 35.09 | 35.32 | 35.51 | 35.73 |

# World Meat

# World Beef and Veal

Confirmed BSE cases in North America slowed world beef trade in the last two years, limiting growth to only 0.4%. Following Japan's lead, several major export destinations are resuming trade. Over the rest of the decade beef trade grows by 3.0%. Demand recovery encourages beef production to grow by 1.7%, with total production reaching 61.9 mmt in 2015.

With the BSE shock in North America, the U.S. beef price soared to record highs in 2003 and remained high until 2005 at $87.3/cwt. Thereafter, the price declines by 2.9% annually from 2006 to 2012 but reverses with a gain of 1.5% in the last three years.

Australia loses 1.5 points of market share. Depreciating currency and productivity improvements allow Brazil to capture 6.9 points of market share. Similarly, Argentina expands its net exports and regains 1.8 points of market share. India gains 1.0 point of market share with growing demand of its cheap "carabeef" for manufacturing purposes in Asian countries. New Zealand loses 0.7 point and Canada loses only 0.4 point of market share.

The first case of BSE in Canada reduced net exports by 63.6% in 2003. But with a 59.5% decline in imports in 2004, net exports actually ended 48.3% higher than before the BSE crisis. The new USDA "minimal risk region rule" and the abnormal animal inventory build-up allow cattle and meat exports to expand further in the short run. Thereafter, exports grow at 4.6% annually.

Tariff structure escalation, common in such Asian countries as Indonesia, the Philippines, and Malaysia, favors importation of live cattle. Australia dominates this market; its live cattle exports increase by 13.0%, reaching 1.3 million head in 2015.

China traditionally has been a net exporter of beef, with declining exports but a small volume of imports. With quality grazing area severely constrained and the sector's poor animal genetics, production grows by only 3.9%, falling behind the 4.6% growth in demand. As a result, China becomes a net importer of beef, at 431 tmt, in 2015.

After the BSE scare, per capita beef consumption returns to the long-term downward trend, declining by 0.5% annually. Beef production declines over the rest of the decade by 0.6%, driven by lower dairy cattle production. OTMS is terminated in 2006. After maximum decoupling of support in the beef sector beginning in 2007, production declines faster, at a rate of 0.9%. The EU was already a small net importer in 2003 and continues in this position for the rest of the decade.

A confluence of factors, such as a weak economy in 2001/02, a domestic BSE case in 2002, high international prices, a triggered safeguard, and BSE cases in North America, have reduced Japan's net imports by 31.3% from its peak in 2000. However, a continuing 1.5% annual decline in production and a 3.0% annual growth in consumption fuel a net import expansion of 6.1%. The volume reaches 1.2 mmt in 2015.

Russia introduced a beef quota with an in-quota rate of 15% and an out-quota rate of 60%. Despite the quota, a continuing deficit, due to faster growth in consumption, fuels expansion of net imports; they peak in 2009 at 862 tmt. A slower decline and eventual turn-around in the cattle numbers slightly lowers imports to 799 tmt in 2015.

In Mexico, despite its shrinking cattle inventory, domestic production responded to the BSE crisis with a 7.6% increase to fill the supply deficit in 2004. But growth in population and disposable income continues to drive an expansion of beef demand. After the pre-BSE net import level is exceeded in 2010, net imports continue to grow, at 6.2%. Mexico's feeder cattle export to the U.S. declines slightly in the medium term as the border with Canada is opened under the new rule and the cattle price in the U.S. weakens.

Egypt, the Philippines, and Taiwan showed strong growth in beef imports.

## Beef and Veal Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 676 | 670 | 680 | 672 | 669 | 674 | 687 | 705 | 739 | 781 | 827 |
| Australia | 1,463 | 1,475 | 1,502 | 1,543 | 1,586 | 1,624 | 1,662 | 1,699 | 1,744 | 1,791 | 1,842 |
| Brazil | 1,755 | 1,808 | 1,957 | 2,072 | 2,142 | 2,187 | 2,195 | 2,188 | 2,199 | 2,212 | 2,226 |
| Canada | 480 | 521 | 466 | 461 | 474 | 494 | 525 | 556 | 586 | 610 | 631 |
| China - Mainland | 69 | 43 | 20 | -8 | -42 | -82 | -133 | -201 | -271 | -344 | -431 |
| EU New Member States | 54 | 58 | 54 | 47 | 41 | 35 | 32 | 30 | 29 | 25 | 24 |
| European Union-15 | -429 | -418 | -456 | -474 | -468 | -465 | -472 | -482 | -483 | -479 | -477 |
| India | 620 | 674 | 673 | 676 | 679 | 684 | 691 | 697 | 705 | 732 | 766 |
| New Zealand | 565 | 587 | 612 | 630 | 658 | 665 | 674 | 668 | 671 | 675 | 677 |
| Thailand | -1 | -8 | -8 | -9 | -11 | -14 | -16 | -18 | -20 | -21 | -22 |
| Ukraine | 60 | 23 | -12 | -29 | -38 | -41 | -49 | -55 | -54 | -53 | -52 |
| United States | -1,326 | -1,187 | -989 | -801 | -655 | -551 | -475 | -381 | -375 | -418 | -476 |
| Total Net Exports * | 5,715 | 5,821 | 5,919 | 6,059 | 6,215 | 6,335 | 6,439 | 6,516 | 6,647 | 6,803 | 6,973 |
| **Net Importers** | | | | | | | | | | | |
| Bulgaria | 39 | 42 | 46 | 49 | 48 | 48 | 49 | 51 | 51 | 51 | 51 |
| China - Hong Kong | 81 | 85 | 87 | 92 | 96 | 101 | 104 | 106 | 109 | 111 | 113 |
| Egypt | 120 | 133 | 146 | 163 | 184 | 207 | 229 | 247 | 260 | 269 | 276 |
| Indonesia | 1 | 12 | 13 | 15 | 10 | 8 | 11 | 17 | 19 | 22 | 25 |
| Japan | 721 | 761 | 858 | 957 | 1,038 | 1,097 | 1,119 | 1,136 | 1,148 | 1,155 | 1,160 |
| Mexico | 295 | 385 | 393 | 414 | 457 | 489 | 495 | 492 | 494 | 488 | 477 |
| Other CIS † | -2 | -2 | 6 | 6 | 12 | 13 | 18 | 19 | 20 | 18 | 16 |
| Other Eastern Europe ‡ | 12 | 11 | 10 | 13 | 15 | 17 | 20 | 24 | 26 | 28 | 30 |
| Philippines | 160 | 168 | 176 | 188 | 207 | 221 | 230 | 238 | 246 | 253 | 260 |
| Romania | 13 | 21 | 28 | 35 | 40 | 44 | 49 | 53 | 52 | 53 | 55 |
| Russia | 675 | 725 | 787 | 848 | 862 | 852 | 839 | 830 | 820 | 809 | 799 |
| South Africa | 47 | 40 | 37 | 32 | 38 | 52 | 67 | 74 | 79 | 81 | 75 |
| South Korea | 235 | 250 | 291 | 332 | 379 | 395 | 409 | 422 | 434 | 445 | 445 |
| Taiwan | 88 | 90 | 94 | 97 | 101 | 105 | 109 | 113 | 116 | 118 | 121 |
| Rest of World | 1,502 | 1,524 | 1,526 | 1,538 | 1,550 | 1,561 | 1,573 | 1,585 | 1,597 | 1,609 | 1,631 |
| Total Net Imports | 5,715 | 5,821 | 5,919 | 6,059 | 6,215 | 6,335 | 6,439 | 6,516 | 6,647 | 6,803 | 6,973 |
| Nebraska Direct | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Fed Steer Price | 1,924 | 1,850 | 1,801 | 1,749 | 1,686 | 1,636 | 1,595 | 1,564 | 1,573 | 1,602 | 1,635 |

* Total net exports are the sum of all positive net exports and negative net imports.

† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova Republic, Tajikistan, Turkmenistan, Uzbekistan.

‡ Countries included: Albania, Bosnia and Herzegovina, Croatia, Macedonia, Yugoslavia.

# World Pork

Benefiting from trade shocks from BSE in beef and AI in the broiler industry, pork trade grew the strongest in 2004 at 10.2%, and it grew by another 9.4% in 2005. Pork trade increases over the rest of the decade by 2.4% annually, translating into a 1.2 mmt increase over the next decade. Pork production increases at a rate of 1.9% (17.7 mmt), reaching 113.1 mmt in 2015. Demand adjustments also drove the pork price higher in 2004 by 33.1%. The pork price cycles over the rest of the decade. It peaks again in 2010 at $49.3/cwt and ends at $49.5/cwt.

With both beef and broiler imports restricted because of BSE and AI, respectively, Japanese pork imports increased by 14.9% in 2004. Over the rest of the decade, net imports grow by 1.8%, reaching 1.5 mmt in 2015.

The market share of the enlarged EU drops by 3.3 points. Canada, the U.S., and Brazil gain 1.9, 2.7, and 4.2 points of market share, respectively. Brazil's long-term prospects are good; new investments are expected to improve infrastructure and raise productivity.

Pork production in Canada grows by 3.0%, exceeding consumption growth of only 1.1%, as investments in hog production and processing are expanded, allowing for more pork exports. Net exports grow by 5.1% annually, reaching 1.4 tmt in 2015. Canada matched the growing demand for feeder pigs by midwestern producers in the U.S. with increased investment in weaner pig operations. Canada's export of live hogs to the U.S. reaches 10.4 million head in 2015, more than half of which are expected to be feeder pigs.

Strong domestic and export demand fuels a 3.1% annual expansion in Brazil's pork sector. Net pork exports grow by 6.0%, to 1.2 mmt in 2015. Improvement in productivity (breeding and feeding programs), favorable domestic policies (credit, infrastructure, fiscal), and a weakening currency improve Brazil's competitiveness in the world pork market.

Russia introduced a pork quota with an in-quota rate of 15% and an out-quota rate of 80%. Net imports decline by 1.4% as production grows faster than consumption. The net import level in 2015 is 560 tmt.

The EU's pork net exports increased in 2004 by 8.7%, as exports of beef and broiler from other countries were restricted because of SPS concerns. Changes for the rest of the decade are driven by world demand. Strict environmental regulations and animal welfare requirements limit the EU's (especially the EU-15's) long-term capacity, and production grows by only 0.7% annually.

Pork is produced cheaply by backyard producers in China, but commercial producers' costs are comparable to those of other countries. WTO accession opens market opportunities in coastal population centers as tariffs are reduced from 20% to 12% and as foreign firms are allowed to engage in distribution. Net imports expand to reach 186 tmt in 2015. With WTO accession, Taiwan's pork production increases only slightly, by 1.0%, and imports expand by 8.5% to meet the 1.3% annual increases in consumption.

South Korea's consumption growth, at 2.7%, is faster than its production growth, at 2.6%, and is thus met by more net imports. By 2015, net imports reach 356 tmt, a 2.1% annual growth.

Improved consumer purchasing power and population growth caused pork consumption in Mexico to increase by 3.0%. Despite some industry integration, a limited supply of cheap feeds and credit problems keep growth in domestic production lagging behind. As a result, pork imports increase by 1.8%, reaching 520 tmt in 2015.

## Pork Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Australia | -35 | -18 | 2 | 17 | 18 | 11 | 5 | 0 | -8 | -13 | -17 |
| Brazil | 745 | 771 | 926 | 1,013 | 1,007 | 1,015 | 1,060 | 1,110 | 1,124 | 1,159 | 1,194 |
| Canada | 940 | 946 | 896 | 922 | 996 | 1,089 | 1,150 | 1,193 | 1,267 | 1,341 | 1,422 |
| EU New Member States | 180 | 152 | 111 | 119 | 137 | 140 | 162 | 180 | 167 | 171 | 173 |
| European Union-15 | 1,230 | 1,246 | 1,397 | 1,372 | 1,327 | 1,266 | 1,284 | 1,332 | 1,320 | 1,335 | 1,350 |
| Other CIS † | -13 | -23 | -24 | -23 | -25 | -27 | -29 | -29 | -29 | -29 | -30 |
| Thailand | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| United States | 751 | 803 | 858 | 832 | 803 | 764 | 823 | 919 | 947 | 914 | 880 |
| Total Net Exports * | 4,176 | 4,242 | 4,416 | 4,448 | 4,459 | 4,463 | 4,573 | 4,737 | 4,826 | 4,921 | 5,018 |
| **Net Importers** | | | | | | | | | | | |
| Argentina | 48 | 52 | 51 | 51 | 57 | 62 | 65 | 67 | 70 | 74 | 77 |
| Bulgaria | 37 | 40 | 40 | 40 | 40 | 41 | 40 | 39 | 39 | 39 | 38 |
| China - Hong Kong | 250 | 264 | 288 | 305 | 315 | 325 | 333 | 342 | 345 | 348 | 351 |
| China - Mainland | -330 | -323 | -222 | -160 | -159 | -167 | -86 | 31 | 80 | 129 | 186 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Japan | 1,243 | 1,265 | 1,360 | 1,369 | 1,351 | 1,341 | 1,381 | 1,428 | 1,437 | 1,452 | 1,464 |
| Mexico | 440 | 471 | 527 | 536 | 512 | 489 | 505 | 529 | 524 | 522 | 520 |
| New Zealand | 2 | 0 | -4 | -7 | -5 | -3 | -3 | -3 | -1 | 1 | 3 |
| Other Eastern Europe ‡ | 17 | 11 | 0 | -7 | -8 | -6 | -1 | 3 | 8 | 13 | 18 |
| Philippines | 30 | 39 | 88 | 105 | 106 | 100 | 125 | 154 | 157 | 165 | 173 |
| Romania | 183 | 186 | 148 | 136 | 148 | 161 | 161 | 158 | 160 | 161 | 157 |
| Russia | 649 | 609 | 601 | 596 | 607 | 606 | 597 | 585 | 575 | 567 | 560 |
| South Korea | 295 | 309 | 327 | 332 | 330 | 325 | 334 | 347 | 349 | 352 | 356 |
| Taiwan | 40 | 48 | 63 | 65 | 60 | 56 | 63 | 73 | 73 | 74 | 74 |
| Ukraine | 69 | 69 | 48 | 29 | 40 | 51 | 52 | 51 | 61 | 65 | 69 |
| Rest of World | 825 | 838 | 851 | 861 | 869 | 877 | 888 | 899 | 909 | 918 | 925 |
| Total Net Imports | 4,176 | 4,242 | 4,416 | 4,448 | 4,459 | 4,463 | 4,573 | 4,737 | 4,826 | 4,921 | 5,018 |
| Barrow and Gilt Price, National | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Base 51-52% Lean Equivalent | 1,103 | 963 | 878 | 907 | 1,004 | 1,086 | 1,049 | 992 | 1,028 | 1,062 | 1,092 |

* Total net exports are the sum of all positive net exports and negative net imports.

† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova Republic, Tajikistan, Turkmenistan, Uzbekistan.

‡ Countries included: Albania, Bosnia and Herzegovina, Croatia, Macedonia, Yugoslavia.

# World Poultry

The outbreak of AI, particularly in Asia, has affected the poultry market, which posted a weak 0.6% growth in trade in 2004. Trade recovers and grows at a rate of 2.2% over the rest of the decade. Total broiler production increases by 15.3 mmt, 2.6% annually, reaching 73.6 mmt in 2015. Demand adjustments also drove the poultry price higher in 2004, by 19.6%, but the price declines by 3.1% over the next five years. For the rest of the period, the price rises at an average rate of 0.3%, reaching $62.2/cwt in 2015.

With its border closed to Chinese and Thai broiler exports at the peak of the AI outbreaks, Japanese broiler net imports declined by 16.0% in 2004. Recovery allows net imports to grow by 3.0% for the rest of the decade. Also, modest economic growth raises total broiler net imports in South Korea, Indonesia, and the Philippines from 77 tmt to 277 tmt. Despite production subsidies for domestic production, Saudi Arabia's net imports grow by 3.1%, reaching 559 tmt by the end of the period.

Despite rising levels of exports, the U.S. loses 1.6 percentage points of market share. The EU loses 4.7 points. Brazil gains 7.4 points, and Thailand regains 1.6 points of market share in the outer period.

Strong exports and domestic demand drive the growth in Brazil's poultry sector. Large investments in broiler production in the grain-rich Center-West region have been encouraged by fiscal incentives and subsidies from local governments. As a result, production increases by 2.5%. Devaluation of the Brazilian currency and export market promotion enable Brazil to increase its poultry net exports by 1.8%.

The AI outbreak in Thailand cut the country's poultry exports by more than half in 2004. With productivity improvements and a shift to higher-value cooked products, Thailand's net exports recover and reach 607 tmt in 2014.

Consumption growth, at 1.3%, exceeds production growth, at 1.1%; thus, EU exports to non-EU member states are slightly declining. The EU's long-term prospects are not strong for a number of reasons: aggressive promotion by low-cost exporters in the EU's traditional export market destination; introduction of an import quota by Russia; and higher feed costs, strict animal welfare rules, and other environmental regulations.

Under NAFTA, Mexico liberalized its poultry import market in 2003 by removing the TRQ and its prohibitive out-quota rates. However, a new safeguard agreement is in place until 2008 with a specific TRQ on chicken leg quarters from the U.S. As income improves and population grows, a shortfall in domestic production continues to be filled by net imports, which increase by 4.6% annually and reach 523 tmt in 2015.

Under its WTO accession agreement, Taiwan removed its quota and replaced it with a 20% tariff beginning in 2005. As a result, poultry imports increase 16.2%, reaching 173 tmt in 2015, as annual production growth of 0.7% is short of meeting the 2.2% consumption growth.

With the AI outbreak, China's broiler imports and exports dropped by 61.6% and 37.9%, respectively. In the next decade, as growth in production of 3.2% falls short of the 3.6% increase in consumption, China's net imports grow, with the volume reaching 362 tmt in 2015.

In 2003, Russia introduced a new poultry import quota of 1.05 mmt, with nothing in excess allowed. As a result, net imports fell by 10.5% in 2003 and by another 11.2% in 2004 as confusion in the quota implementation rules impeded entry of products. Imports do not reach the quota level until 2006, and they remain at that level for the rest of the decade.

## Broiler Meat Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Australia | 14 | 9 | -19 | -31 | -31 | -25 | -16 | -6 | 5 | 16 | 28 |
| Brazil | 2,840 | 3,022 | 3,042 | 3,064 | 3,120 | 3,199 | 3,233 | 3,263 | 3,303 | 3,332 | 3,357 |
| EU New Member States | -7 | -11 | -29 | -41 | -43 | -42 | -40 | -34 | -25 | -17 | -10 |
| European Union-15 | 347 | 330 | 264 | 254 | 281 | 298 | 297 | 282 | 267 | 252 | 238 |
| Thailand | 300 | 331 | 554 | 640 | 667 | 664 | 662 | 647 | 621 | 614 | 607 |
| United States | 2,348 | 2,401 | 2,554 | 2,688 | 2,738 | 2,778 | 2,835 | 2,888 | 2,967 | 3,066 | 3,165 |
| Total Net Exports * | 6,031 | 6,245 | 6,563 | 6,790 | 6,944 | 7,077 | 7,172 | 7,234 | 7,332 | 7,458 | 7,582 |
| **Net Importers** | | | | | | | | | | | |
| Argentina | -107 | -142 | -145 | -144 | -143 | -145 | -148 | -151 | -154 | -155 | -155 |
| Bulgaria | 16 | 18 | 24 | 26 | 28 | 31 | 31 | 29 | 30 | 31 | 31 |
| Canada | -20 | 5 | 7 | 7 | 10 | 12 | 14 | 15 | 16 | 18 | 20 |
| China - Mainland | -50 | 26 | 87 | 142 | 188 | 222 | 252 | 283 | 312 | 337 | 362 |
| China - Hong Kong | 230 | 245 | 249 | 253 | 257 | 260 | 263 | 264 | 267 | 269 | 271 |
| Egypt | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 9 | 9 | 10 | 11 |
| India | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | -1 | 29 | 32 | 27 | 23 | 26 | 29 | 31 | 35 | 40 |
| Japan | 694 | 689 | 747 | 777 | 800 | 822 | 839 | 855 | 871 | 886 | 900 |
| Mexico | 359 | 385 | 388 | 414 | 458 | 489 | 483 | 466 | 484 | 504 | 523 |
| New Zealand | 0 | 9 | 17 | 21 | 21 | 16 | 15 | 15 | 19 | 24 | 30 |
| Other CIS † | 118 | 123 | 128 | 130 | 131 | 131 | 131 | 130 | 130 | 129 | 128 |
| Other Eastern Europe ‡ | 63 | 64 | 65 | 68 | 68 | 69 | 70 | 72 | 74 | 76 | 78 |
| Philippines | 23 | 60 | 83 | 99 | 81 | 88 | 92 | 95 | 105 | 115 | 126 |
| Romania | 120 | 127 | 138 | 145 | 143 | 141 | 141 | 140 | 132 | 131 | 129 |
| Russia | 1,039 | 1,049 | 1,049 | 1,049 | 1,049 | 1,049 | 1,049 | 1,049 | 1,049 | 1,049 | 1,049 |
| Saudi Arabia | 426 | 457 | 495 | 516 | 521 | 523 | 529 | 535 | 541 | 550 | 559 |
| South Africa | 172 | 184 | 165 | 171 | 179 | 191 | 200 | 195 | 187 | 189 | 192 |
| South Korea | 54 | 67 | 73 | 77 | 87 | 94 | 100 | 105 | 108 | 109 | 111 |
| Taiwan | 66 | 76 | 95 | 106 | 117 | 127 | 136 | 145 | 154 | 164 | 173 |
| Ukraine | 115 | 94 | 93 | 89 | 89 | 89 | 89 | 87 | 83 | 81 | 79 |
| Rest of World | 2,518 | 2,544 | 2,568 | 2,591 | 2,611 | 2,632 | 2,652 | 2,672 | 2,691 | 2,711 | 2,729 |
| Total Net Imports | 6,031 | 6,245 | 6,563 | 6,790 | 6,944 | 7,077 | 7,172 | 7,234 | 7,332 | 7,458 | 7,582 |
| | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| U.S. 12-City Price | 1,561 | 1,444 | 1,378 | 1,363 | 1,350 | 1,350 | 1,354 | 1,358 | 1,362 | 1,367 | 1,371 |

* Total net exports are the sum of all positive net exports and negative net imports.

† Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova Republic, Tajikistan, Turkmenistan, Uzbekistan.

‡ Countries included: Albania, Bosnia and Herzegovina, Croatia, Macedonia, Yugoslavia.

## U.S. Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 95.8 | 97.5 | 99.3 | 100.9 | 102.0 | 102.7 | 103.2 | 103.4 | 103.0 | 102.1 | 101.3 |
| Hog Inventories (Beg.) | 55.0 | 55.2 | 56.2 | 56.3 | 56.4 | 56.4 | 56.9 | 57.8 | 58.2 | 58.2 | 58.0 |
| Live Cattle Trade | | | | | (Thousand Head) | | | | | | |
| Export | 21 | 59 | 231 | 452 | 447 | 445 | 442 | 438 | 436 | 433 | 431 |
| Import | 1,824 | 2,187 | 2,279 | 2,286 | 2,279 | 2,278 | 2,282 | 2,299 | 2,330 | 2,375 | 2,422 |
| Live Hog Trade | | | | | | | | | | | |
| Export | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 | 161 |
| Import | 8,042 | 8,647 | 8,868 | 9,189 | 9,420 | 9,580 | 9,737 | 9,904 | 10,070 | 10,226 | 10,365 |
| **Beef** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 11,248 | 11,797 | 12,117 | 12,466 | 12,812 | 13,069 | 13,291 | 13,541 | 13,639 | 13,639 | 13,591 |
| Imports | 1,618 | 1,606 | 1,592 | 1,585 | 1,548 | 1,517 | 1,494 | 1,460 | 1,461 | 1,486 | 1,533 |
| Total Supply | 13,155 | 13,675 | 14,000 | 14,350 | 14,666 | 14,902 | 15,107 | 15,328 | 15,435 | 15,462 | 15,460 |
| Consumption | 12,590 | 12,965 | 13,098 | 13,259 | 13,458 | 13,614 | 13,760 | 13,915 | 14,012 | 14,058 | 14,070 |
| Exports | 292 | 419 | 603 | 784 | 893 | 966 | 1,020 | 1,079 | 1,087 | 1,068 | 1,057 |
| Ending Stocks | 272 | 291 | 298 | 307 | 316 | 322 | 327 | 334 | 337 | 336 | 333 |
| Total Use | 13,155 | 13,675 | 14,000 | 14,350 | 14,666 | 14,902 | 15,107 | 15,328 | 15,435 | 15,462 | 15,460 |
| **Pork** | | | | | | | | | | | |
| Production | 9,390 | 9,638 | 9,850 | 9,882 | 9,904 | 9,939 | 10,133 | 10,364 | 10,432 | 10,448 | 10,479 |
| Imports | 454 | 446 | 423 | 454 | 488 | 506 | 496 | 487 | 502 | 531 | 568 |
| Total Supply | 10,091 | 10,327 | 10,527 | 10,596 | 10,651 | 10,703 | 10,886 | 11,112 | 11,202 | 11,249 | 11,315 |
| Consumption | 8,643 | 8,824 | 8,987 | 9,051 | 9,103 | 9,176 | 9,305 | 9,437 | 9,484 | 9,535 | 9,599 |
| Exports | 1,206 | 1,249 | 1,281 | 1,286 | 1,291 | 1,271 | 1,319 | 1,406 | 1,448 | 1,445 | 1,448 |
| Ending Stocks | 243 | 254 | 259 | 259 | 257 | 256 | 261 | 268 | 270 | 269 | 268 |
| Total Use | 10,091 | 10,327 | 10,527 | 10,596 | 10,651 | 10,703 | 10,886 | 11,112 | 11,202 | 11,249 | 11,315 |
| **Broiler** | | | | | | | | | | | |
| Production | 15,837 | 16,374 | 16,871 | 17,382 | 17,840 | 18,237 | 18,598 | 18,942 | 19,289 | 19,645 | 20,028 |
| Total Supply | 16,176 | 16,775 | 17,290 | 17,811 | 18,280 | 18,686 | 19,053 | 19,401 | 19,753 | 20,115 | 20,503 |
| Consumption | 13,427 | 13,954 | 14,307 | 14,683 | 15,094 | 15,454 | 15,758 | 16,049 | 16,316 | 16,574 | 16,857 |
| Exports | 2,364 | 2,418 | 2,570 | 2,705 | 2,754 | 2,794 | 2,852 | 2,904 | 2,983 | 3,082 | 3,182 |
| Ending Stocks | 386 | 403 | 413 | 424 | 432 | 438 | 443 | 448 | 453 | 458 | 465 |
| Total Use | 16,176 | 16,775 | 17,290 | 17,811 | 18,280 | 18,686 | 19,053 | 19,401 | 19,753 | 20,115 | 20,503 |
| **Turkey** | | | | | | | | | | | |
| Production | 2,468 | 2,526 | 2,574 | 2,598 | 2,622 | 2,649 | 2,678 | 2,706 | 2,737 | 2,769 | 2,803 |
| Beg Stocks | 131 | 91 | 113 | 129 | 135 | 136 | 137 | 138 | 140 | 142 | 144 |
| Total Supply | 2,602 | 2,619 | 2,689 | 2,729 | 2,759 | 2,787 | 2,817 | 2,846 | 2,879 | 2,913 | 2,949 |
| Consumption | 2,249 | 2,234 | 2,273 | 2,292 | 2,315 | 2,338 | 2,360 | 2,382 | 2,404 | 2,425 | 2,447 |
| Exports | 263 | 272 | 287 | 302 | 308 | 312 | 318 | 324 | 333 | 344 | 356 |
| Ending Stocks | 91 | 113 | 129 | 135 | 136 | 137 | 138 | 140 | 142 | 144 | 146 |
| Total Use | 2,603 | 2,619 | 2,689 | 2,729 | 2,759 | 2,787 | 2,817 | 2,846 | 2,879 | 2,913 | 2,949 |
| **Producer Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| Nebraska Direct Fed Steers | 1,924 | 1,850 | 1,801 | 1,749 | 1,686 | 1,636 | 1,595 | 1,564 | 1,573 | 1,602 | 1,635 |
| Barrow and Gilt Price, National Base 51-52% Lean Equivalent | 1,103 | 963 | 878 | 907 | 1,004 | 1,086 | 1,049 | 992 | 1,028 | 1,062 | 1,092 |
| 12-City Broiler Wholesale | 1,561 | 1,444 | 1,378 | 1,363 | 1,350 | 1,350 | 1,354 | 1,358 | 1,362 | 1,367 | 1,371 |
| **Retail Prices** | | | | | (U.S. Dollars per Kilogram) | | | | | | |
| Beef | 9.02 | 8.91 | 8.89 | 8.89 | 8.85 | 8.84 | 8.82 | 8.79 | 8.88 | 9.08 | 9.33 |
| Pork | 6.23 | 6.17 | 6.14 | 6.27 | 6.46 | 6.62 | 6.62 | 6.61 | 6.72 | 6.93 | 7.15 |
| Broiler | 3.84 | 3.80 | 3.79 | 3.78 | 3.78 | 3.79 | 3.81 | 3.85 | 3.89 | 3.93 | 3.97 |
| Turkey | 2.36 | 2.42 | 2.39 | 2.41 | 2.41 | 2.42 | 2.44 | 2.45 | 2.46 | 2.48 | 2.49 |

## Argentine Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 49.6 | 49.4 | 49.3 | 49.3 | 49.3 | 49.5 | 49.7 | 50.0 | 50.3 | 50.6 | 51.0 |
| Hog Inventories (Beg.) | 3.0 | 3.1 | 3.1 | 3.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.5 |
| **Beef** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,970 | 2,980 | 3,000 | 3,027 | 3,057 | 3,094 | 3,137 | 3,183 | 3,237 | 3,294 | 3,355 |
| Total Supply | 2,970 | 2,980 | 3,000 | 3,027 | 3,057 | 3,094 | 3,137 | 3,183 | 3,237 | 3,294 | 3,355 |
| Consumption | 2,294 | 2,310 | 2,320 | 2,355 | 2,388 | 2,420 | 2,450 | 2,479 | 2,498 | 2,513 | 2,528 |
| Net Exports | 676 | 670 | 680 | 672 | 669 | 674 | 687 | 705 | 739 | 781 | 827 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2,970 | 2,980 | 3,000 | 3,027 | 3,057 | 3,094 | 3,137 | 3,183 | 3,237 | 3,294 | 3,355 |
| **Pork** | | | | | | | | | | | |
| Production | 151 | 152 | 155 | 158 | 159 | 160 | 162 | 165 | 167 | 169 | 171 |
| Total Supply | 151 | 152 | 155 | 158 | 159 | 160 | 162 | 165 | 167 | 169 | 171 |
| Consumption | 199 | 204 | 206 | 209 | 216 | 222 | 227 | 231 | 237 | 243 | 248 |
| Net Exports | -48 | -52 | -51 | -51 | -57 | -62 | -65 | -67 | -70 | -74 | -77 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 151 | 152 | 155 | 158 | 159 | 160 | 162 | 165 | 167 | 169 | 171 |
| **Broiler** | | | | | | | | | | | |
| Production | 1,080 | 1,177 | 1,199 | 1,218 | 1,238 | 1,262 | 1,291 | 1,320 | 1,350 | 1,379 | 1,407 |
| Total Supply | 1,080 | 1,177 | 1,199 | 1,218 | 1,238 | 1,262 | 1,291 | 1,320 | 1,350 | 1,379 | 1,407 |
| Consumption | 973 | 1,034 | 1,054 | 1,073 | 1,095 | 1,117 | 1,143 | 1,169 | 1,195 | 1,224 | 1,252 |
| Net Exports | 107 | 142 | 145 | 144 | 143 | 145 | 148 | 151 | 154 | 155 | 155 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1,080 | 1,177 | 1,199 | 1,218 | 1,238 | 1,262 | 1,291 | 1,320 | 1,350 | 1,379 | 1,407 |
| **Prices** | | | | | (Argentine Pesos per Kilogram) | | | | | | |
| Beef - Farm | 2.58 | 2.59 | 2.62 | 2.63 | 2.63 | 2.65 | 2.69 | 2.75 | 2.86 | 3.00 | 3.16 |
| Pork - Farm | 1.85 | 1.88 | 2.05 | 2.18 | 2.15 | 2.14 | 2.23 | 2.34 | 2.40 | 2.50 | 2.59 |
| Broiler - Retail | 4.23 | 4.13 | 4.13 | 4.19 | 4.25 | 4.35 | 4.48 | 4.61 | 4.74 | 4.87 | 5.01 |

## Australian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 27.1 | 27.6 | 28.0 | 28.5 | 28.9 | 29.3 | 29.6 | 29.9 | 30.3 | 30.6 | 31.0 |
| Hog Inventories (Beg.) | 2.6 | 2.6 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 | 2.8 | 2.7 | 2.7 | 2.6 |
| Sheep Inventories (Beg.) | 98.8 | 97.7 | 96.4 | 94.5 | 92.8 | 92.1 | 91.8 | 91.7 | 91.6 | 91.7 | 91.9 |
| Live Cattle Trade | | | | | (Thousand Head) | | | | | | |
| Export | 580 | 863 | 982 | 1,097 | 1,208 | 1,222 | 1,244 | 1,262 | 1,283 | 1,307 | 1,331 |
| **Beef** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,181 | 2,233 | 2,273 | 2,327 | 2,377 | 2,422 | 2,469 | 2,516 | 2,566 | 2,618 | 2,673 |
| Total Supply | 2,257 | 2,277 | 2,318 | 2,371 | 2,422 | 2,468 | 2,515 | 2,562 | 2,612 | 2,664 | 2,719 |
| Consumption | 750 | 758 | 771 | 783 | 791 | 798 | 807 | 817 | 822 | 827 | 831 |
| Net Exports | 1,463 | 1,475 | 1,502 | 1,543 | 1,586 | 1,624 | 1,662 | 1,699 | 1,744 | 1,791 | 1,842 |
| Ending Stocks | 44 | 44 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 46 | 46 |
| Total Use | 2,257 | 2,277 | 2,318 | 2,371 | 2,422 | 2,468 | 2,515 | 2,562 | 2,612 | 2,664 | 2,719 |
| **Pork** | | | | | | | | | | | |
| Production | 385 | 406 | 428 | 447 | 456 | 457 | 455 | 454 | 453 | 455 | 458 |
| Total Supply | 395 | 416 | 438 | 457 | 466 | 467 | 465 | 464 | 463 | 465 | 468 |
| Consumption | 420 | 424 | 426 | 430 | 438 | 445 | 450 | 454 | 462 | 468 | 475 |
| Net Exports | -35 | -18 | 2 | 17 | 18 | 11 | 5 | 0 | -8 | -13 | -17 |
| Ending Stocks | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Total Use | 395 | 416 | 438 | 457 | 466 | 467 | 465 | 464 | 463 | 465 | 468 |
| **Broiler** | | | | | | | | | | | |
| Production | 705 | 723 | 721 | 727 | 738 | 755 | 777 | 799 | 823 | 848 | 873 |
| Total Supply | 735 | 754 | 752 | 758 | 769 | 786 | 808 | 830 | 854 | 879 | 904 |
| Consumption | 690 | 714 | 740 | 758 | 770 | 780 | 792 | 805 | 818 | 832 | 845 |
| Net Exports | 14 | 9 | -19 | -31 | -31 | -25 | -16 | -6 | 5 | 16 | 28 |
| Ending Stocks | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| Total Use | 735 | 754 | 752 | 758 | 769 | 786 | 808 | 830 | 854 | 879 | 904 |
| **Farm Prices** | | | | | (Australian Cents per Kilogram) | | | | | | |
| Beef Saleyard | 316 | 302 | 288 | 276 | 265 | 256 | 250 | 245 | 246 | 251 | 256 |
| Pork Saleyard | 263 | 258 | 272 | 281 | 266 | 256 | 259 | 264 | 262 | 265 | 268 |
| **Retail Prices** | | | | | | | | | | | |
| Beef | 1,407 | 1,368 | 1,326 | 1,293 | 1,259 | 1,233 | 1,213 | 1,199 | 1,202 | 1,216 | 1,231 |
| Pork | 1,055 | 1,040 | 1,080 | 1,101 | 1,057 | 1,032 | 1,044 | 1,059 | 1,053 | 1,061 | 1,067 |
| Poultry | 402 | 373 | 350 | 343 | 338 | 337 | 338 | 339 | 340 | 341 | 342 |

## Brazilian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 169.6 | 174.4 | 179.0 | 183.0 | 186.4 | 189.2 | 191.4 | 193.1 | 194.5 | 195.6 | 196.6 |
| Hog Inventories (Beg.) | 32.3 | 32.9 | 33.7 | 33.3 | 33.2 | 33.7 | 34.2 | 34.3 | 34.1 | 34.2 | 34.2 |
| **Beef** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 8,355 | 8,616 | 8,876 | 9,114 | 9,320 | 9,500 | 9,654 | 9,789 | 9,914 | 10,033 | 10,151 |
| Total Supply | 8,355 | 8,616 | 8,876 | 9,114 | 9,320 | 9,500 | 9,654 | 9,789 | 9,914 | 10,033 | 10,151 |
| Consumption | 6,600 | 6,809 | 6,920 | 7,043 | 7,178 | 7,313 | 7,459 | 7,602 | 7,715 | 7,821 | 7,924 |
| Net Exports | 1,755 | 1,808 | 1,957 | 2,072 | 2,142 | 2,187 | 2,195 | 2,188 | 2,199 | 2,212 | 2,226 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 8,355 | 8,616 | 8,876 | 9,114 | 9,320 | 9,500 | 9,654 | 9,789 | 9,914 | 10,033 | 10,151 |
| **Pork** | | | | | | | | | | | |
| Production | 2,730 | 2,826 | 2,982 | 3,088 | 3,141 | 3,207 | 3,287 | 3,367 | 3,429 | 3,508 | 3,586 |
| Total Supply | 2,730 | 2,826 | 2,982 | 3,088 | 3,141 | 3,207 | 3,287 | 3,367 | 3,429 | 3,508 | 3,586 |
| Consumption | 1,985 | 2,055 | 2,055 | 2,075 | 2,135 | 2,192 | 2,227 | 2,258 | 2,306 | 2,349 | 2,393 |
| Net Exports | 745 | 771 | 926 | 1,013 | 1,007 | 1,015 | 1,060 | 1,110 | 1,124 | 1,159 | 1,194 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2,730 | 2,826 | 2,982 | 3,088 | 3,141 | 3,207 | 3,287 | 3,367 | 3,429 | 3,508 | 3,586 |
| **Broiler** | | | | | | | | | | | |
| Production | 9,080 | 9,509 | 9,763 | 9,966 | 10,153 | 10,356 | 10,540 | 10,725 | 10,918 | 11,114 | 11,311 |
| Total Supply | 9,080 | 9,509 | 9,763 | 9,966 | 10,153 | 10,356 | 10,540 | 10,725 | 10,918 | 11,114 | 11,311 |
| Consumption | 6,240 | 6,487 | 6,721 | 6,902 | 7,032 | 7,157 | 7,306 | 7,462 | 7,614 | 7,782 | 7,954 |
| Exports | 2,840 | 3,022 | 3,042 | 3,064 | 3,120 | 3,199 | 3,233 | 3,263 | 3,303 | 3,332 | 3,357 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 9,080 | 9,509 | 9,763 | 9,966 | 10,153 | 10,356 | 10,540 | 10,725 | 10,918 | 11,114 | 11,311 |
| **Prices** | | | | | (Reals per Kilogram) | | | | | | |
| Beef - Farm | 3.41 | 3.14 | 3.24 | 3.34 | 3.42 | 3.50 | 3.54 | 3.59 | 3.71 | 3.88 | 4.06 |
| Pork - Farm | 3.56 | 3.29 | 3.80 | 4.24 | 4.27 | 4.34 | 4.56 | 4.83 | 4.96 | 5.20 | 5.43 |
| Broiler - Wholesale | 3.02 | 2.62 | 2.68 | 2.83 | 2.98 | 3.16 | 3.29 | 3.43 | 3.56 | 3.70 | 3.85 |

## Bulgarian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 0.67 | 0.67 | 0.68 | 0.69 | 0.71 | 0.72 | 0.72 | 0.73 | 0.73 | 0.74 | 0.74 |
| Hog Inventories (Beg.) | 0.93 | 0.92 | 0.97 | 1.02 | 1.06 | 1.10 | 1.15 | 1.18 | 1.21 | 1.25 | 1.29 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 38 | 37 | 35 | 35 | 35 | 36 | 35 | 35 | 35 | 35 | 35 |
| Total Supply | 40 | 38 | 36 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 |
| Consumption | 78 | 79 | 81 | 83 | 84 | 84 | 85 | 86 | 86 | 86 | 86 |
| Net Exports | -39 | -42 | -46 | -49 | -48 | -48 | -49 | -51 | -51 | -51 | -51 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 40 | 38 | 36 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 |
| **Pork** | | | | | | | | | | | |
| Production | 80 | 82 | 84 | 86 | 88 | 89 | 91 | 93 | 95 | 97 | 99 |
| Total Supply | 83 | 83 | 85 | 87 | 89 | 90 | 92 | 94 | 96 | 98 | 100 |
| Consumption | 119 | 122 | 124 | 126 | 128 | 130 | 131 | 132 | 134 | 136 | 137 |
| Net Exports | -37 | -40 | -40 | -40 | -40 | -41 | -40 | -39 | -39 | -39 | -38 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 83 | 83 | 85 | 87 | 89 | 90 | 92 | 94 | 96 | 98 | 100 |
| **Broiler** | | | | | | | | | | | |
| Production | 100 | 99 | 97 | 96 | 96 | 96 | 97 | 99 | 100 | 102 | 103 |
| Total Supply | 102 | 101 | 97 | 96 | 96 | 96 | 97 | 99 | 100 | 102 | 103 |
| Consumption | 116 | 119 | 121 | 122 | 125 | 127 | 128 | 129 | 131 | 132 | 134 |
| Net Exports | -16 | -18 | -24 | -26 | -28 | -31 | -31 | -29 | -30 | -31 | -31 |
| Ending Stocks | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 102 | 101 | 97 | 96 | 96 | 96 | 97 | 99 | 100 | 102 | 103 |
| **Farm Prices** | | | | | (Leva per Kilogram) | | | | | | |
| Beef and Veal | 4.64 | 4.47 | 3.95 | 3.64 | 3.69 | 3.69 | 3.61 | 3.50 | 3.47 | 3.49 | 3.51 |
| Pork | 3.84 | 3.77 | 3.69 | 3.65 | 3.64 | 3.60 | 3.64 | 3.67 | 3.60 | 3.60 | 3.59 |
| Poultry | 3.48 | 3.41 | 3.34 | 3.30 | 3.29 | 3.25 | 3.29 | 3.32 | 3.26 | 3.25 | 3.24 |

## Canadian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 15.1 | 15.1 | 14.7 | 14.7 | 14.9 | 15.2 | 15.3 | 15.5 | 15.6 | 15.6 | 15.6 |
| Hog Inventories (Beg.) | 14.7 | 14.8 | 14.7 | 15.0 | 14.7 | 14.5 | 14.9 | 16.0 | 17.0 | 17.5 | 18.0 |
| Live Cattle Trade | | | | | (Thousand Head) | | | | | | |
| Export | 575 | 1,000 | 1,098 | 1,118 | 1,135 | 1,148 | 1,161 | 1,174 | 1,187 | 1,200 | 1,212 |
| Import | 25 | 60 | 181 | 287 | 285 | 285 | 285 | 285 | 285 | 285 | 286 |
| Live Hog Trade | | | | | | | | | | | |
| Export | 7,845 | 8,647 | 8,868 | 9,189 | 9,420 | 9,580 | 9,737 | 9,904 | 10,070 | 10,226 | 10,365 |
| Import | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,530 | 1,581 | 1,531 | 1,546 | 1,590 | 1,638 | 1,685 | 1,729 | 1,772 | 1,807 | 1,837 |
| Total Supply | 1,572 | 1,626 | 1,576 | 1,591 | 1,635 | 1,684 | 1,731 | 1,775 | 1,819 | 1,853 | 1,883 |
| Consumption | 1,047 | 1,060 | 1,065 | 1,085 | 1,116 | 1,144 | 1,160 | 1,173 | 1,187 | 1,196 | 1,206 |
| Net Exports | 480 | 521 | 466 | 461 | 474 | 494 | 525 | 556 | 586 | 610 | 631 |
| Ending Stocks | 45 | 45 | 45 | 45 | 45 | 46 | 46 | 46 | 46 | 46 | 46 |
| Total Use | 1,572 | 1,626 | 1,576 | 1,591 | 1,635 | 1,684 | 1,731 | 1,775 | 1,819 | 1,853 | 1,883 |
| **Pork** | | | | | | | | | | | |
| Production | 1,960 | 1,982 | 1,965 | 1,994 | 2,057 | 2,146 | 2,225 | 2,293 | 2,373 | 2,455 | 2,544 |
| Total Supply | 2,010 | 2,040 | 2,023 | 2,052 | 2,115 | 2,204 | 2,283 | 2,351 | 2,431 | 2,513 | 2,602 |
| Consumption | 1,012 | 1,037 | 1,069 | 1,072 | 1,061 | 1,056 | 1,076 | 1,100 | 1,106 | 1,113 | 1,122 |
| Net Exports | 940 | 946 | 896 | 922 | 996 | 1,089 | 1,150 | 1,193 | 1,267 | 1,341 | 1,422 |
| Ending Stocks | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 | 58 |
| Total Use | 2,010 | 2,040 | 2,023 | 2,052 | 2,115 | 2,204 | 2,283 | 2,351 | 2,431 | 2,513 | 2,602 |
| **Broiler** | | | | | | | | | | | |
| Production | 1,000 | 983 | 977 | 993 | 1,013 | 1,029 | 1,034 | 1,037 | 1,053 | 1,068 | 1,083 |
| Total Supply | 1,024 | 1,003 | 999 | 1,015 | 1,035 | 1,051 | 1,056 | 1,059 | 1,075 | 1,090 | 1,105 |
| Consumption | 984 | 986 | 984 | 1,000 | 1,022 | 1,042 | 1,048 | 1,052 | 1,069 | 1,086 | 1,103 |
| Net Exports | 20 | -5 | -7 | -7 | -10 | -12 | -14 | -15 | -16 | -18 | -20 |
| Ending Stocks | 20 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| Total Use | 1,024 | 1,003 | 999 | 1,015 | 1,035 | 1,051 | 1,056 | 1,059 | 1,075 | 1,090 | 1,105 |
| **Farm Prices** | | | | | (Canadian Dollars per Hundredweight) | | | | | | |
| Beef and Veal | 83.4 | 89.2 | 85.9 | 84.2 | 81.5 | 78.8 | 76.3 | 74.4 | 74.7 | 76.1 | 77.4 |
| Pork | 67.8 | 53.5 | 46.8 | 49.7 | 57.3 | 63.3 | 60.2 | 55.9 | 58.3 | 60.6 | 62.5 |
| Broiler - Wholesale | 119.2 | 119.6 | 120.8 | 122.2 | 123.5 | 124.6 | 125.9 | 127.1 | 128.1 | 129.2 | 130.2 |

## Chinese - Mainland Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 138 | 140 | 143 | 147 | 151 | 155 | 158 | 161 | 164 | 165 | 167 |
| Hog Inventories (Beg.) | 482 | 500 | 531 | 547 | 552 | 560 | 574 | 588 | 599 | 610 | 621 |
| Sheep Inventories (Beg.) | 169 | 189 | 208 | 223 | 229 | 231 | 230 | 230 | 229 | 229 | 230 |
| **Beef** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,180 | 7,398 | 7,663 | 7,975 | 8,294 | 8,607 | 8,909 | 9,197 | 9,473 | 9,733 | 9,979 |
| Imports | 6 | 19 | 30 | 47 | 74 | 108 | 155 | 220 | 287 | 359 | 445 |
| Total Supply | 7,180 | 7,398 | 7,663 | 7,975 | 8,294 | 8,607 | 8,909 | 9,197 | 9,473 | 9,733 | 9,979 |
| Consumption | 7,111 | 7,355 | 7,643 | 7,983 | 8,336 | 8,689 | 9,043 | 9,398 | 9,743 | 10,077 | 10,410 |
| Exports | 75 | 62 | 50 | 39 | 32 | 26 | 22 | 19 | 17 | 15 | 14 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 7,180 | 7,398 | 7,663 | 7,975 | 8,294 | 8,607 | 8,909 | 9,197 | 9,473 | 9,733 | 9,979 |
| **Pork** | | | | | | | | | | | |
| Production | 48,900 | 50,760 | 51,966 | 52,820 | 53,831 | 55,048 | 56,256 | 57,352 | 58,405 | 59,447 | 60,462 |
| Imports | 70 | 74 | 113 | 152 | 172 | 191 | 248 | 332 | 386 | 443 | 507 |
| Total Supply | 48,900 | 50,760 | 51,966 | 52,820 | 53,831 | 55,048 | 56,256 | 57,352 | 58,405 | 59,447 | 60,462 |
| Consumption | 48,570 | 50,436 | 51,744 | 52,661 | 53,672 | 54,881 | 56,170 | 57,384 | 58,485 | 59,576 | 60,649 |
| Exports | 400 | 397 | 335 | 311 | 331 | 358 | 333 | 300 | 306 | 313 | 321 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 48,900 | 50,760 | 51,966 | 52,820 | 53,831 | 55,048 | 56,256 | 57,352 | 58,405 | 59,447 | 60,462 |
| **Broiler** | | | | | | | | | | | |
| Production | 10,200 | 10,508 | 10,798 | 11,138 | 11,499 | 11,852 | 12,191 | 12,527 | 12,862 | 13,178 | 13,475 |
| Imports | 250 | 311 | 357 | 399 | 436 | 464 | 489 | 514 | 539 | 560 | 582 |
| Total Supply | 10,200 | 10,508 | 10,798 | 11,138 | 11,499 | 11,852 | 12,191 | 12,527 | 12,862 | 13,178 | 13,475 |
| Consumption | 10,150 | 10,534 | 10,886 | 11,280 | 11,688 | 12,074 | 12,444 | 12,810 | 13,174 | 13,515 | 13,838 |
| Exports | 300 | 285 | 270 | 257 | 248 | 242 | 236 | 231 | 227 | 223 | 220 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 10,200 | 10,508 | 10,798 | 11,138 | 11,499 | 11,852 | 12,191 | 12,527 | 12,862 | 13,178 | 13,475 |
| **Producer Prices** | | | | | (Yuan per Kilogram) | | | | | | |
| Beef | 16.36 | 16.92 | 17.70 | 18.50 | 19.32 | 20.25 | 21.32 | 22.54 | 23.89 | 25.32 | 26.82 |
| Pork | 8.73 | 7.64 | 7.52 | 7.80 | 8.00 | 8.05 | 8.06 | 8.14 | 8.28 | 8.36 | 8.42 |
| Poultry | 10.43 | 10.42 | 10.74 | 11.16 | 11.55 | 11.96 | 12.40 | 12.88 | 13.36 | 13.82 | 14.26 |
| **Retail Prices** | | | | | | | | | | | |
| Beef | 17.96 | 18.55 | 19.39 | 20.25 | 21.13 | 22.13 | 23.28 | 24.58 | 26.03 | 27.56 | 29.17 |
| Pork | 14.03 | 12.81 | 12.67 | 12.99 | 13.20 | 13.26 | 13.28 | 13.36 | 13.52 | 13.61 | 13.68 |
| Poultry | 11.60 | 11.59 | 11.91 | 12.33 | 12.72 | 13.13 | 13.57 | 14.05 | 14.54 | 14.99 | 15.44 |

## Chinese - Hong Kong Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Cattle Inventories (Beg.) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Hog Inventories (Beg.) | 110 | 108 | 110 | 110 | 108 | 107 | 107 | 109 | 110 | 109 | 109 |
| Live Animal Trade | | | | | | | | | | | |
| Cattle Import | 45 | 43 | 41 | 38 | 36 | 36 | 35 | 34 | 33 | 33 | 32 |
| Swine Import | 1,773 | 1,758 | 1,694 | 1,630 | 1,590 | 1,570 | 1,550 | 1,531 | 1,513 | 1,498 | 1,485 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 14 | 13 | 13 | 12 | 11 | 11 | 11 | 10 | 10 | 10 | 10 |
| Imports | 81 | 85 | 87 | 92 | 96 | 101 | 104 | 106 | 109 | 111 | 113 |
| Total Supply | 14 | 13 | 13 | 12 | 11 | 11 | 11 | 10 | 10 | 10 | 10 |
| Consumption | 95 | 98 | 100 | 103 | 108 | 112 | 114 | 117 | 119 | 121 | 123 |
| Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 14 | 13 | 13 | 12 | 11 | 11 | 11 | 10 | 10 | 10 | 10 |
| **Pork** | | | | | | | | | | | |
| Production | 150 | 147 | 141 | 137 | 136 | 136 | 134 | 132 | 131 | 130 | 130 |
| Imports | 250 | 264 | 288 | 305 | 315 | 325 | 333 | 342 | 345 | 348 | 351 |
| Total Supply | 150 | 147 | 141 | 137 | 136 | 136 | 134 | 132 | 131 | 130 | 130 |
| Consumption | 400 | 411 | 429 | 442 | 451 | 461 | 467 | 474 | 476 | 478 | 481 |
| Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 150 | 147 | 141 | 137 | 136 | 136 | 134 | 132 | 131 | 130 | 130 |
| **Broiler** | | | | | | | | | | | |
| Production | 38 | 42 | 42 | 42 | 43 | 43 | 44 | 45 | 46 | 47 | 48 |
| Imports | 230 | 245 | 249 | 253 | 257 | 260 | 263 | 264 | 267 | 269 | 271 |
| Total Supply | 53 | 42 | 42 | 42 | 43 | 43 | 44 | 45 | 46 | 47 | 48 |
| Consumption | 283 | 286 | 291 | 295 | 300 | 304 | 307 | 309 | 313 | 316 | 319 |
| Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 53 | 42 | 42 | 42 | 43 | 43 | 44 | 45 | 46 | 47 | 48 |
| **Retail Price** | | | | | (Hong Kong Dollars per Kilogram) | | | | | | |
| Beef | 67.57 | 64.14 | 63.84 | 64.02 | 63.91 | 63.84 | 63.49 | 63.26 | 64.55 | 66.50 | 68.49 |
| Pork | 33.09 | 29.85 | 28.19 | 29.56 | 32.72 | 35.38 | 34.75 | 33.50 | 34.85 | 36.15 | 37.30 |
| Broiler | 43.99 | 43.21 | 41.93 | 42.09 | 42.36 | 42.85 | 43.28 | 43.62 | 44.04 | 44.48 | 44.87 |

## Egyptian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 6.42 | 6.53 | 6.61 | 6.67 | 6.70 | 6.71 | 6.73 | 6.77 | 6.86 | 6.98 | 7.13 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 461 | 468 | 473 | 477 | 479 | 480 | 481 | 484 | 490 | 499 | 509 |
| Total Supply | 461 | 468 | 473 | 477 | 479 | 480 | 481 | 484 | 490 | 499 | 509 |
| Consumption | 581 | 601 | 619 | 640 | 663 | 687 | 710 | 731 | 750 | 767 | 785 |
| Net Exports | -120 | -133 | -146 | -163 | -184 | -207 | -229 | -247 | -260 | -269 | -276 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 461 | 468 | 473 | 477 | 479 | 480 | 481 | 484 | 490 | 499 | 509 |
| **Broiler** | | | | | | | | | | | |
| Production | 491 | 522 | 553 | 580 | 609 | 643 | 673 | 701 | 731 | 764 | 798 |
| Total Supply | 491 | 522 | 553 | 580 | 609 | 643 | 673 | 701 | 731 | 764 | 798 |
| Consumption | 496 | 528 | 559 | 586 | 616 | 650 | 681 | 709 | 740 | 774 | 809 |
| Net Exports | -5 | -5 | -6 | -6 | -7 | -7 | -8 | -9 | -9 | -10 | -11 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 491 | 522 | 553 | 580 | 609 | 643 | 673 | 701 | 731 | 764 | 798 |
| **Prices** | | | | | (Pounds per Kilogram) | | | | | | |
| Beef - Retail | 35.00 | 34.34 | 34.36 | 34.15 | 33.73 | 33.28 | 33.10 | 33.32 | 34.23 | 35.55 | 36.96 |
| Poultry - Retail | 5.99 | 5.68 | 5.58 | 5.64 | 5.69 | 5.76 | 5.86 | 6.02 | 6.18 | 6.35 | 6.53 |

## European Union Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 87 | 86 | 85 | 84 | 84 | 83 | 82 | 81 | 80 | 79 | 79 |
| Hog Inventories (Beg.) | 152 | 153 | 154 | 156 | 157 | 158 | 160 | 160 | 161 | 163 | 164 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 7,825 | 7,917 | 7,875 | 7,828 | 7,746 | 7,662 | 7,594 | 7,528 | 7,473 | 7,424 | 7,380 |
| Total Supply | 8,450 | 8,532 | 8,509 | 8,476 | 8,393 | 8,311 | 8,248 | 8,189 | 8,136 | 8,086 | 8,042 |
| Consumption | 8,200 | 8,277 | 8,277 | 8,256 | 8,173 | 8,092 | 8,034 | 7,980 | 7,928 | 7,878 | 7,833 |
| Net Exports | -375 | -360 | -402 | -427 | -427 | -430 | -440 | -452 | -454 | -454 | -453 |
| EU-15 | -429 | -418 | -456 | -474 | -468 | -465 | -472 | -482 | -483 | -479 | -477 |
| EU New Member States | 54 | 58 | 54 | 47 | 41 | 35 | 32 | 30 | 29 | 25 | 24 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 8,450 | 8,532 | 8,509 | 8,476 | 8,393 | 8,311 | 8,248 | 8,189 | 8,136 | 8,086 | 8,042 |
| **Pork** | | | | | | | | | | | |
| Production | 20,720 | 20,884 | 21,041 | 21,181 | 21,313 | 21,422 | 21,551 | 21,709 | 21,853 | 21,990 | 22,120 |
| Total Supply | 20,740 | 20,901 | 21,058 | 21,197 | 21,329 | 21,438 | 21,568 | 21,726 | 21,869 | 22,006 | 22,136 |
| Consumption | 19,310 | 19,485 | 19,533 | 19,690 | 19,850 | 20,015 | 20,106 | 20,198 | 20,366 | 20,484 | 20,597 |
| Net Exports | 1,410 | 1,398 | 1,507 | 1,490 | 1,463 | 1,406 | 1,445 | 1,512 | 1,487 | 1,506 | 1,523 |
| EU-15 | 1,230 | 1,246 | 1,397 | 1,372 | 1,327 | 1,266 | 1,284 | 1,332 | 1,320 | 1,335 | 1,350 |
| EU New Member States | 180 | 152 | 111 | 119 | 137 | 140 | 162 | 180 | 167 | 171 | 173 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 20,740 | 20,901 | 21,058 | 21,197 | 21,329 | 21,438 | 21,568 | 21,726 | 21,869 | 22,006 | 22,136 |
| **Broiler** | | | | | | | | | | | |
| Production | 7,670 | 7,693 | 7,741 | 7,844 | 7,959 | 8,061 | 8,160 | 8,248 | 8,325 | 8,410 | 8,494 |
| Total Supply | 8,110 | 8,163 | 8,237 | 8,336 | 8,443 | 8,540 | 8,640 | 8,733 | 8,814 | 8,903 | 8,991 |
| Consumption | 7,330 | 7,374 | 7,506 | 7,630 | 7,721 | 7,805 | 7,903 | 8,000 | 8,084 | 8,175 | 8,267 |
| Net Exports | 340 | 319 | 235 | 213 | 238 | 256 | 256 | 248 | 242 | 235 | 228 |
| EU-15 | 347 | 330 | 264 | 254 | 281 | 298 | 297 | 282 | 267 | 252 | 238 |
| EU New Member States | -7 | -11 | -29 | -41 | -43 | -42 | -40 | -34 | -25 | -17 | -10 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 8,110 | 8,163 | 8,237 | 8,336 | 8,443 | 8,540 | 8,640 | 8,733 | 8,814 | 8,903 | 8,991 |
| **Lamb and Mutton** | | | | | | | | | | | |
| Production | 1,078 | 1,077 | 1,076 | 1,074 | 1,083 | 1,094 | 1,103 | 1,112 | 1,120 | 1,126 | 1,133 |
| Total Supply | 1,377 | 1,379 | 1,383 | 1,387 | 1,398 | 1,410 | 1,423 | 1,435 | 1,446 | 1,456 | 1,467 |
| Consumption | 1,349 | 1,351 | 1,356 | 1,359 | 1,370 | 1,382 | 1,395 | 1,407 | 1,418 | 1,428 | 1,438 |
| Net Exports | -271 | -274 | -280 | -285 | -287 | -289 | -292 | -295 | -298 | -301 | -305 |
| Ending Stocks | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 |
| Total Use | 1,378 | 1,379 | 1,383 | 1,387 | 1,398 | 1,410 | 1,423 | 1,435 | 1,446 | 1,456 | 1,467 |
| **Farm Prices** | | | | | (Euros per 100 Kilograms) | | | | | | |
| Beef | 292 | 261 | 255 | 253 | 256 | 259 | 261 | 262 | 262 | 263 | 264 |
| Pork | 137 | 135 | 131 | 130 | 129 | 128 | 129 | 131 | 128 | 128 | 127 |
| Poultry | 152 | 138 | 135 | 134 | 136 | 137 | 138 | 139 | 139 | 139 | 140 |
| Sheep | 383 | 369 | 364 | 364 | 361 | 356 | 352 | 347 | 341 | 338 | 334 |

## Indian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 330 | 332 | 334 | 337 | 341 | 345 | 349 | 354 | 358 | 363 | 367 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,230 | 2,307 | 2,345 | 2,393 | 2,441 | 2,487 | 2,536 | 2,586 | 2,639 | 2,701 | 2,768 |
| Total Supply | 2,230 | 2,307 | 2,345 | 2,393 | 2,441 | 2,487 | 2,536 | 2,586 | 2,639 | 2,701 | 2,768 |
| Consumption | 1,610 | 1,634 | 1,672 | 1,717 | 1,762 | 1,803 | 1,844 | 1,889 | 1,933 | 1,969 | 2,002 |
| Net Exports | 620 | 674 | 673 | 676 | 679 | 684 | 691 | 697 | 705 | 732 | 766 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2,230 | 2,307 | 2,345 | 2,393 | 2,441 | 2,487 | 2,536 | 2,586 | 2,639 | 2,701 | 2,768 |
| **Broiler** | | | | | | | | | | | |
| Production | 1,900 | 1,996 | 2,096 | 2,199 | 2,287 | 2,363 | 2,440 | 2,523 | 2,610 | 2,699 | 2,794 |
| Total Supply | 1,900 | 1,996 | 2,096 | 2,199 | 2,287 | 2,363 | 2,440 | 2,523 | 2,610 | 2,699 | 2,794 |
| Consumption | 1,900 | 1,996 | 2,096 | 2,199 | 2,287 | 2,363 | 2,440 | 2,523 | 2,610 | 2,699 | 2,794 |
| Net Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1,900 | 1,996 | 2,096 | 2,199 | 2,287 | 2,363 | 2,440 | 2,523 | 2,610 | 2,699 | 2,794 |
| **Prices** | | | | | (Rupees per Kilogram) | | | | | | |
| Beef - Farm | 52.40 | 55.54 | 54.66 | 54.09 | 53.25 | 51.99 | 50.98 | 50.20 | 49.66 | 50.14 | 51.14 |
| Poultry - Retail | 82.97 | 82.82 | 79.02 | 76.96 | 76.87 | 76.75 | 77.06 | 77.62 | 78.17 | 78.75 | 79.37 |

## Indonesian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 11.3 | 11.7 | 12.3 | 12.9 | 13.4 | 13.9 | 14.3 | 14.6 | 15.0 | 15.2 | 15.5 |
| Hog Inventories (Beg.) | 7.0 | 7.2 | 7.3 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.1 | 8.2 | 8.3 |
| Sheep Inventories (Beg.) | 9.5 | 9.9 | 10.7 | 10.8 | 11.9 | 12.0 | 13.2 | 13.5 | 14.9 | 15.4 | 17.1 |
| | | | | | (Thousand Head) | | | | | | |
| Live Cattle Import | 359 | 441 | 460 | 473 | 481 | 494 | 513 | 528 | 542 | 558 | 574 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 391 | 391 | 409 | 427 | 443 | 458 | 471 | 482 | 493 | 503 | 512 |
| Total Supply | 391 | 391 | 409 | 427 | 443 | 458 | 471 | 482 | 493 | 503 | 512 |
| Consumption | 391 | 403 | 422 | 441 | 453 | 466 | 482 | 499 | 512 | 524 | 537 |
| Net Exports | -1 | -12 | -13 | -15 | -10 | -8 | -11 | -17 | -19 | -22 | -25 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 391 | 391 | 409 | 427 | 443 | 458 | 471 | 482 | 493 | 503 | 512 |
| **Pork** | | | | | | | | | | | |
| Production | 608 | 623 | 636 | 648 | 656 | 662 | 671 | 682 | 692 | 703 | 714 |
| Total Supply | 608 | 623 | 636 | 648 | 656 | 662 | 671 | 682 | 692 | 703 | 714 |
| Consumption | 608 | 624 | 636 | 648 | 656 | 662 | 671 | 682 | 692 | 703 | 714 |
| Net Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 608 | 623 | 636 | 648 | 656 | 662 | 671 | 682 | 692 | 703 | 714 |
| **Broiler** | | | | | | | | | | | |
| Production | 640 | 671 | 684 | 716 | 739 | 762 | 785 | 810 | 835 | 861 | 888 |
| Total Supply | 640 | 671 | 684 | 716 | 739 | 762 | 785 | 810 | 835 | 861 | 888 |
| Consumption | 640 | 669 | 714 | 748 | 767 | 785 | 811 | 839 | 866 | 897 | 928 |
| Net Exports | 0 | 1 | -29 | -32 | -27 | -23 | -26 | -29 | -31 | -35 | -40 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 640 | 671 | 684 | 716 | 739 | 762 | 785 | 810 | 835 | 861 | 888 |
| **Retail Price** | | | | | (Rupiah per Kilogram) | | | | | | |
| Beef | 44,629 | 43,631 | 41,539 | 39,690 | 38,444 | 37,660 | 37,124 | 36,806 | 37,305 | 38,247 | 39,266 |
| Pork | 15,258 | 15,864 | 16,487 | 16,787 | 16,134 | 15,724 | 15,964 | 16,338 | 16,377 | 16,643 | 16,909 |
| Broiler | 12,743 | 12,095 | 11,365 | 11,048 | 10,962 | 11,010 | 11,112 | 11,220 | 11,338 | 11,471 | 11,602 |

## Japanese Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 4.40 | 4.34 | 4.17 | 4.04 | 3.92 | 3.83 | 3.76 | 3.70 | 3.65 | 3.61 | 3.58 |
| Wagyu Cows (Beg.) | 1.08 | 1.07 | 1.07 | 1.06 | 1.05 | 1.05 | 1.05 | 1.04 | 1.04 | 1.04 | 1.04 |
| Dairy Cows (Beg.) | 0.91 | 0.90 | 0.89 | 0.88 | 0.87 | 0.86 | 0.86 | 0.85 | 0.84 | 0.83 | 0.83 |
| Hog Inventories (Beg.) | 9.60 | 9.60 | 9.37 | 9.57 | 9.42 | 9.27 | 9.26 | 9.39 | 9.45 | 9.37 | 9.33 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 500 | 489 | 474 | 465 | 456 | 448 | 442 | 437 | 434 | 430 | 427 |
| Wagyu | 211 | 211 | 210 | 210 | 210 | 209 | 208 | 208 | 208 | 208 | 208 |
| Dairy | 289 | 278 | 264 | 255 | 246 | 240 | 234 | 229 | 226 | 222 | 219 |
| Imports | 721 | 761 | 858 | 957 | 1,038 | 1,097 | 1,119 | 1,136 | 1,148 | 1,155 | 1,160 |
| Total Supply | 590 | 579 | 565 | 557 | 549 | 542 | 537 | 532 | 529 | 526 | 523 |
| Consumption | 1,221 | 1,250 | 1,331 | 1,421 | 1,494 | 1,545 | 1,561 | 1,573 | 1,581 | 1,585 | 1,587 |
| Wagyu | 210 | 211 | 210 | 210 | 210 | 209 | 208 | 208 | 208 | 208 | 208 |
| Dairy | 288 | 278 | 264 | 255 | 246 | 240 | 234 | 229 | 226 | 222 | 219 |
| Imported Beef | 722 | 761 | 857 | 956 | 1,037 | 1,096 | 1,118 | 1,135 | 1,148 | 1,155 | 1,160 |
| Ending Stocks | 90 | 90 | 92 | 93 | 94 | 94 | 95 | 96 | 96 | 96 | 96 |
| Wagyu | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Dairy | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Imported Beef | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 67 | 68 | 68 | 68 |
| Total Use | 590 | 579 | 565 | 557 | 549 | 542 | 537 | 532 | 529 | 526 | 523 |
| **Pork** | | | | | | | | | | | |
| Production | 1,260 | 1,264 | 1,244 | 1,241 | 1,243 | 1,252 | 1,255 | 1,252 | 1,253 | 1,253 | 1,257 |
| Imports | 1,243 | 1,265 | 1,360 | 1,369 | 1,351 | 1,341 | 1,381 | 1,428 | 1,437 | 1,452 | 1,464 |
| Total Supply | 1,483 | 1,459 | 1,437 | 1,444 | 1,447 | 1,452 | 1,453 | 1,453 | 1,456 | 1,455 | 1,458 |
| Consumption | 2,531 | 2,531 | 2,594 | 2,609 | 2,597 | 2,595 | 2,633 | 2,677 | 2,691 | 2,706 | 2,722 |
| Ending Stocks | 195 | 193 | 203 | 204 | 201 | 198 | 201 | 204 | 202 | 201 | 200 |
| Total Use | 1,483 | 1,459 | 1,437 | 1,444 | 1,447 | 1,452 | 1,453 | 1,453 | 1,456 | 1,455 | 1,458 |
| **Broiler** | | | | | | | | | | | |
| Production | 1,130 | 1,147 | 1,107 | 1,090 | 1,078 | 1,067 | 1,057 | 1,047 | 1,041 | 1,036 | 1,030 |
| Imports | 695 | 690 | 748 | 778 | 801 | 823 | 840 | 856 | 872 | 887 | 901 |
| Total Supply | 1,218 | 1,239 | 1,199 | 1,183 | 1,171 | 1,160 | 1,150 | 1,141 | 1,135 | 1,129 | 1,123 |
| Consumption | 1,820 | 1,837 | 1,853 | 1,866 | 1,878 | 1,889 | 1,896 | 1,903 | 1,912 | 1,921 | 1,930 |
| Exports | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ending Stocks | 92 | 92 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| Total Use | 1,218 | 1,239 | 1,199 | 1,183 | 1,171 | 1,160 | 1,150 | 1,141 | 1,135 | 1,129 | 1,123 |
| **Prices** | | | | | (Yen per Kilogram) | | | | | | |
| Wagyu Beef - Farm | 2,129 | 2,049 | 2,012 | 2,013 | 2,038 | 2,062 | 2,083 | 2,109 | 2,145 | 2,183 | 2,219 |
| Dairy Beef - Farm | 928 | 945 | 981 | 1,012 | 1,052 | 1,090 | 1,125 | 1,159 | 1,195 | 1,231 | 1,266 |
| Pork - Wholesale | 478 | 485 | 432 | 436 | 456 | 467 | 454 | 445 | 458 | 467 | 476 |
| Broiler - Wholesale | 225 | 224 | 214 | 214 | 217 | 221 | 226 | 231 | 237 | 244 | 251 |
| **Retail Prices** | | | | | (Yen per 100 Grams) | | | | | | |
| Wagyu Beef | 605 | 596 | 586 | 584 | 589 | 595 | 601 | 607 | 616 | 626 | 635 |
| Dairy Beef | 400 | 412 | 430 | 447 | 467 | 486 | 504 | 521 | 538 | 555 | 571 |
| Imported Beef | 209 | 201 | 170 | 155 | 144 | 135 | 129 | 125 | 125 | 127 | 130 |
| Pork | 165 | 168 | 152 | 150 | 156 | 160 | 157 | 153 | 156 | 159 | 162 |
| Broiler | 123 | 123 | 117 | 116 | 118 | 120 | 122 | 125 | 128 | 132 | 135 |

## Mexican Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 27.6 | 27.0 | 26.8 | 26.8 | 27.1 | 27.4 | 27.8 | 28.2 | 28.6 | 28.9 | 29.3 |
| Hog Inventories (Beg.) | 10.3 | 10.0 | 10.2 | 10.6 | 10.8 | 10.9 | 11.1 | 11.6 | 12.2 | 12.5 | 12.9 |
| Live Cattle Trade | | | | | (Thousand Head) | | | | | | |
| Export | 1,225 | 1,187 | 1,181 | 1,168 | 1,144 | 1,130 | 1,122 | 1,126 | 1,143 | 1,175 | 1,210 |
| Import | 75 | 77 | 129 | 244 | 241 | 239 | 236 | 232 | 229 | 227 | 224 |
| Live Hog Import | 200 | 193 | 190 | 188 | 186 | 183 | 180 | 175 | 174 | 172 | 169 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 2,125 | 2,110 | 2,107 | 2,124 | 2,163 | 2,209 | 2,256 | 2,305 | 2,357 | 2,411 | 2,466 |
| Total Supply | 2,125 | 2,110 | 2,107 | 2,124 | 2,163 | 2,209 | 2,256 | 2,305 | 2,357 | 2,411 | 2,466 |
| Consumption | 2,420 | 2,495 | 2,500 | 2,537 | 2,620 | 2,698 | 2,752 | 2,797 | 2,851 | 2,898 | 2,943 |
| Net Exports | -295 | -385 | -393 | -414 | -457 | -489 | -495 | -492 | -494 | -488 | -477 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2,125 | 2,110 | 2,107 | 2,124 | 2,163 | 2,209 | 2,256 | 2,305 | 2,357 | 2,411 | 2,466 |
| **Pork** | | | | | | | | | | | |
| Production | 1,175 | 1,171 | 1,181 | 1,211 | 1,257 | 1,312 | 1,361 | 1,408 | 1,465 | 1,521 | 1,581 |
| Total Supply | 1,175 | 1,171 | 1,181 | 1,211 | 1,257 | 1,312 | 1,361 | 1,408 | 1,465 | 1,521 | 1,581 |
| Consumption | 1,615 | 1,642 | 1,708 | 1,748 | 1,770 | 1,801 | 1,866 | 1,938 | 1,989 | 2,043 | 2,101 |
| Net Exports | -440 | -471 | -527 | -536 | -512 | -489 | -505 | -529 | -524 | -522 | -520 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1,175 | 1,171 | 1,181 | 1,211 | 1,257 | 1,312 | 1,361 | 1,408 | 1,465 | 1,521 | 1,581 |
| **Broiler** | | | | | | | | | | | |
| Production | 2,510 | 2,629 | 2,696 | 2,757 | 2,819 | 2,890 | 2,969 | 3,058 | 3,143 | 3,231 | 3,321 |
| Total Supply | 2,510 | 2,629 | 2,696 | 2,757 | 2,819 | 2,890 | 2,969 | 3,058 | 3,143 | 3,231 | 3,321 |
| Consumption | 2,869 | 3,014 | 3,084 | 3,172 | 3,277 | 3,379 | 3,453 | 3,524 | 3,627 | 3,735 | 3,844 |
| Net Exports | -359 | -385 | -388 | -414 | -458 | -489 | -483 | -466 | -484 | -504 | -523 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2,510 | 2,629 | 2,696 | 2,757 | 2,819 | 2,890 | 2,969 | 3,058 | 3,143 | 3,231 | 3,321 |
| **Prices** | | | | | (New Pesos per Kilogram) | | | | | | |
| Beef and Veal - Wholesale | 32.56 | 31.56 | 31.72 | 31.61 | 31.16 | 30.99 | 30.99 | 31.36 | 32.17 | 33.45 | 34.88 |
| Pork - Wholesale | 23.25 | 20.48 | 19.30 | 20.44 | 23.07 | 25.51 | 25.26 | 24.70 | 26.12 | 27.56 | 29.00 |
| Poultry - Retail | 22.76 | 21.65 | 21.43 | 21.65 | 21.84 | 22.21 | 22.66 | 23.21 | 23.61 | 24.05 | 24.51 |

## New Zealand Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 9.42 | 9.58 | 9.76 | 9.90 | 10.01 | 10.10 | 10.20 | 10.29 | 10.37 | 10.44 | 10.49 |
| Hog Inventories (Beg.) | 0.40 | 0.48 | 0.51 | 0.54 | 0.54 | 0.54 | 0.55 | 0.55 | 0.55 | 0.54 | 0.54 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 685 | 708 | 735 | 755 | 782 | 790 | 800 | 797 | 801 | 806 | 810 |
| Total Supply | 685 | 708 | 735 | 755 | 782 | 790 | 800 | 797 | 801 | 806 | 810 |
| Consumption | 120 | 121 | 123 | 125 | 124 | 125 | 126 | 129 | 130 | 132 | 133 |
| Net Exports | 565 | 587 | 612 | 630 | 658 | 665 | 674 | 668 | 671 | 675 | 677 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 685 | 708 | 735 | 755 | 782 | 790 | 800 | 797 | 801 | 806 | 810 |
| **Pork** | | | | | | | | | | | |
| Production | 59 | 62 | 66 | 70 | 70 | 70 | 70 | 71 | 71 | 70 | 69 |
| Total Supply | 59 | 62 | 66 | 70 | 70 | 70 | 70 | 71 | 71 | 70 | 69 |
| Consumption | 61 | 62 | 62 | 63 | 64 | 66 | 67 | 68 | 69 | 71 | 72 |
| Net Exports | -2 | 0 | 4 | 7 | 5 | 3 | 3 | 3 | 1 | -1 | -3 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 59 | 62 | 66 | 70 | 70 | 70 | 70 | 71 | 71 | 70 | 69 |
| **Poultry** | | | | | | | | | | | |
| Production | 161 | 163 | 162 | 163 | 165 | 172 | 176 | 179 | 179 | 177 | 175 |
| Total Supply | 161 | 163 | 162 | 163 | 165 | 172 | 176 | 179 | 179 | 177 | 175 |
| Consumption | 161 | 172 | 179 | 184 | 186 | 188 | 191 | 194 | 197 | 201 | 204 |
| Net Exports | 0 | -9 | -17 | -21 | -21 | -16 | -15 | -15 | -19 | -24 | -30 |
| Total Use | 161 | 163 | 162 | 163 | 165 | 172 | 176 | 179 | 179 | 177 | 175 |
| **Farm Prices** | | | | | (New Zealand Dollars per 100 Kilograms) | | | | | | |
| Beef and Veal | 276 | 264 | 254 | 247 | 238 | 231 | 226 | 221 | 222 | 226 | 231 |
| Pork | 405 | 397 | 421 | 437 | 417 | 403 | 407 | 415 | 412 | 416 | 421 |
| Poultry | 225 | 210 | 201 | 198 | 197 | 197 | 197 | 197 | 198 | 198 | 199 |

## Other CIS Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 22.4 | 22.5 | 22.5 | 22.7 | 22.7 | 22.9 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 |
| Hog Inventories (Beg.) | 5.3 | 5.3 | 5.4 | 5.5 | 5.7 | 5.8 | 5.9 | 6.1 | 6.2 | 6.4 | 6.5 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,448 | 1,474 | 1,490 | 1,515 | 1,536 | 1,560 | 1,583 | 1,607 | 1,630 | 1,655 | 1,679 |
| Total Supply | 1,448 | 1,474 | 1,490 | 1,515 | 1,536 | 1,560 | 1,583 | 1,607 | 1,630 | 1,655 | 1,679 |
| Consumption | 1,446 | 1,472 | 1,496 | 1,521 | 1,547 | 1,574 | 1,600 | 1,626 | 1,650 | 1,673 | 1,695 |
| Net Exports | 2 | 2 | -6 | -6 | -12 | -13 | -18 | -19 | -20 | -18 | -16 |
| Total Use | 1,448 | 1,474 | 1,490 | 1,515 | 1,536 | 1,560 | 1,583 | 1,607 | 1,630 | 1,655 | 1,679 |
| **Pork** | | | | | | | | | | | |
| Production | 661 | 665 | 675 | 688 | 702 | 715 | 728 | 742 | 756 | 770 | 785 |
| Total Supply | 661 | 665 | 675 | 688 | 702 | 715 | 728 | 742 | 756 | 770 | 785 |
| Consumption | 674 | 688 | 700 | 711 | 727 | 742 | 757 | 771 | 786 | 800 | 814 |
| Net Exports | -13 | -23 | -24 | -23 | -25 | -27 | -29 | -29 | -29 | -29 | -30 |
| Total Use | 661 | 665 | 675 | 688 | 702 | 715 | 728 | 742 | 756 | 770 | 785 |
| **Broiler** | | | | | | | | | | | |
| Production | 242 | 244 | 246 | 250 | 254 | 259 | 264 | 270 | 276 | 281 | 287 |
| Total Supply | 242 | 244 | 246 | 250 | 254 | 259 | 264 | 270 | 276 | 281 | 287 |
| Consumption | 360 | 368 | 374 | 379 | 385 | 390 | 395 | 400 | 405 | 410 | 416 |
| Net Exports | -118 | -123 | -128 | -130 | -131 | -131 | -131 | -130 | -130 | -129 | -128 |
| Total Use | 242 | 244 | 246 | 250 | 254 | 259 | 264 | 270 | 276 | 281 | 287 |

Countries included: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova Republic, Tajikistan, Turkmenistan, Uzbekistan.

## Other Eastern European Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 3.15 | 2.13 | 2.18 | 2.19 | 2.19 | 2.19 | 2.18 | 2.17 | 2.16 | 2.16 | 2.15 |
| Hog Inventories (Beg.) | 5.76 | 5.24 | 5.44 | 5.57 | 5.64 | 5.68 | 5.71 | 5.72 | 5.73 | 5.73 | 5.73 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 254 | 258 | 264 | 265 | 265 | 265 | 264 | 263 | 262 | 261 | 261 |
| Total Supply | 254 | 258 | 264 | 265 | 265 | 265 | 264 | 263 | 262 | 261 | 261 |
| Consumption | 266 | 269 | 274 | 278 | 280 | 282 | 284 | 286 | 288 | 289 | 291 |
| Net Exports | -12 | -11 | -10 | -13 | -15 | -17 | -20 | -24 | -26 | -28 | -30 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 254 | 258 | 264 | 265 | 265 | 265 | 264 | 263 | 262 | 261 | 261 |
| **Pork** | | | | | | | | | | | |
| Production | 694 | 718 | 745 | 762 | 773 | 778 | 782 | 784 | 785 | 785 | 785 |
| Total Supply | 694 | 718 | 745 | 762 | 773 | 778 | 782 | 784 | 785 | 785 | 785 |
| Consumption | 711 | 728 | 746 | 755 | 764 | 773 | 781 | 787 | 793 | 798 | 804 |
| Net Exports | -17 | -11 | 0 | 7 | 8 | 6 | 1 | -3 | -8 | -13 | -18 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 694 | 718 | 745 | 762 | 773 | 778 | 782 | 784 | 785 | 785 | 785 |
| **Broiler** | | | | | | | | | | | |
| Production | 118 | 121 | 124 | 125 | 125 | 126 | 125 | 125 | 124 | 124 | 123 |
| Total Supply | 118 | 121 | 124 | 125 | 125 | 126 | 125 | 125 | 124 | 124 | 123 |
| Consumption | 181 | 185 | 190 | 193 | 194 | 194 | 196 | 197 | 198 | 200 | 201 |
| Net Exports | -63 | -64 | -65 | -68 | -68 | -69 | -70 | -72 | -74 | -76 | -78 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 118 | 121 | 124 | 125 | 125 | 126 | 125 | 125 | 124 | 124 | 123 |

Countries included: Albania, Bosnia and Herzegovina, Croatia, Macedonia, Yugoslavia.

## Philippine Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 5.6 | 5.6 | 5.6 | 5.7 | 5.8 | 5.9 | 6.1 | 6.2 | 6.3 | 6.4 | 6.6 |
| Hog Inventories (Beg.) | 12.1 | 12.1 | 12.1 | 12.6 | 12.7 | 12.7 | 12.8 | 13.3 | 14.0 | 14.2 | 14.5 |
| Live Cattle Trade | | | | | (Thousand Head) | | | | | | |
| Import | 60 | 62 | 65 | 69 | 72 | 75 | 77 | 79 | 81 | 83 | 85 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 230 | 228 | 228 | 228 | 229 | 231 | 233 | 236 | 240 | 244 | 248 |
| Total Supply | 230 | 228 | 228 | 228 | 229 | 231 | 233 | 236 | 240 | 244 | 248 |
| Consumption | 390 | 396 | 403 | 416 | 436 | 452 | 463 | 474 | 486 | 497 | 508 |
| Net Exports | -160 | -168 | -176 | -188 | -207 | -221 | -230 | -238 | -246 | -253 | -260 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 230 | 228 | 228 | 228 | 229 | 231 | 233 | 236 | 240 | 244 | 248 |
| **Pork** | | | | | | | | | | | |
| Production | 1,100 | 1,124 | 1,108 | 1,121 | 1,148 | 1,179 | 1,195 | 1,210 | 1,241 | 1,268 | 1,297 |
| Total Supply | 1,100 | 1,124 | 1,119 | 1,132 | 1,159 | 1,190 | 1,206 | 1,221 | 1,252 | 1,279 | 1,308 |
| Consumption | 1,130 | 1,152 | 1,196 | 1,226 | 1,253 | 1,279 | 1,320 | 1,365 | 1,398 | 1,433 | 1,470 |
| Net Exports | -30 | -39 | -88 | -105 | -106 | -100 | -125 | -154 | -157 | -165 | -173 |
| Ending Stocks | 0 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Total Use | 1,100 | 1,124 | 1,119 | 1,132 | 1,159 | 1,190 | 1,206 | 1,221 | 1,252 | 1,279 | 1,308 |
| **Broiler** | | | | | | | | | | | |
| Production | 647 | 647 | 652 | 663 | 693 | 715 | 735 | 754 | 774 | 794 | 814 |
| Total Supply | 651 | 647 | 652 | 663 | 693 | 715 | 735 | 754 | 774 | 794 | 814 |
| Consumption | 674 | 708 | 735 | 762 | 774 | 803 | 826 | 849 | 879 | 909 | 940 |
| Net Exports | -23 | -60 | -83 | -99 | -81 | -88 | -92 | -95 | -105 | -115 | -126 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 651 | 647 | 652 | 663 | 693 | 715 | 735 | 754 | 774 | 794 | 814 |
| **Farm Prices** | | | | | (Pesos per Kilogram) | | | | | | |
| Beef and Veal | 65.09 | 63.13 | 63.28 | 63.46 | 62.30 | 61.21 | 60.23 | 59.49 | 59.83 | 60.74 | 61.69 |
| Pork | 74.12 | 66.24 | 63.03 | 66.43 | 72.69 | 77.68 | 75.66 | 72.52 | 74.77 | 76.92 | 78.77 |
| Poultry | 74.03 | 69.02 | 68.06 | 69.35 | 75.50 | 75.78 | 76.12 | 76.43 | 76.78 | 77.22 | 77.57 |

## Romanian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 2.91 | 2.92 | 2.94 | 2.97 | 3.01 | 3.06 | 3.11 | 3.16 | 3.19 | 3.20 | 3.21 |
| Hog Inventories (Beg.) | 4.90 | 4.93 | 5.05 | 5.08 | 5.19 | 5.50 | 5.78 | 5.89 | 5.94 | 5.99 | 6.12 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 205 | 201 | 200 | 199 | 198 | 198 | 198 | 199 | 204 | 204 | 205 |
| Total Supply | 205 | 201 | 200 | 199 | 198 | 198 | 198 | 199 | 204 | 204 | 205 |
| Consumption | 218 | 221 | 227 | 233 | 237 | 242 | 247 | 252 | 255 | 258 | 260 |
| Net Exports | -13 | -21 | -28 | -35 | -40 | -44 | -49 | -53 | -52 | -53 | -55 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 205 | 201 | 200 | 199 | 198 | 198 | 198 | 199 | 204 | 204 | 205 |
| **Pork** | | | | | | | | | | | |
| Production | 455 | 463 | 484 | 502 | 508 | 514 | 522 | 531 | 541 | 550 | 563 |
| Total Supply | 455 | 463 | 489 | 502 | 508 | 514 | 522 | 531 | 541 | 550 | 563 |
| Consumption | 638 | 645 | 637 | 638 | 657 | 674 | 683 | 688 | 701 | 711 | 720 |
| Net Exports | -183 | -186 | -148 | -136 | -148 | -161 | -161 | -158 | -160 | -161 | -157 |
| Ending Stocks | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 455 | 463 | 489 | 502 | 508 | 514 | 522 | 531 | 541 | 550 | 563 |
| **Broiler** | | | | | | | | | | | |
| Production | 212 | 227 | 234 | 240 | 246 | 253 | 260 | 269 | 281 | 291 | 301 |
| Total Supply | 212 | 227 | 239 | 245 | 251 | 258 | 265 | 274 | 286 | 296 | 306 |
| Consumption | 332 | 349 | 372 | 385 | 389 | 393 | 401 | 409 | 413 | 422 | 430 |
| Net Exports | -120 | -127 | -138 | -145 | -143 | -141 | -141 | -140 | -132 | -131 | -129 |
| Ending Stocks | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total Use | 212 | 227 | 239 | 245 | 251 | 258 | 265 | 274 | 286 | 296 | 306 |
| **Farm Prices** | | | | | (Lei per Kilogram) | | | | | | |
| Beef and Veal | 6.45 | 6.27 | 6.25 | 6.19 | 6.09 | 5.98 | 5.85 | 5.80 | 6.05 | 6.15 | 6.26 |
| Pork | 7.15 | 7.08 | 7.80 | 8.30 | 8.01 | 7.78 | 7.87 | 8.11 | 8.38 | 8.47 | 8.56 |
| Poultry | 5.96 | 5.60 | 5.48 | 5.52 | 5.56 | 5.61 | 5.62 | 5.68 | 5.92 | 5.94 | 5.96 |

## Russian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 21.1 | 19.9 | 18.9 | 18.1 | 18.0 | 18.1 | 18.3 | 18.3 | 18.3 | 18.4 | 18.4 |
| Hog Inventories (Beg.) | 16.5 | 17.3 | 18.6 | 19.0 | 19.4 | 19.9 | 20.4 | 20.9 | 21.2 | 21.6 | 21.9 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 1,525 | 1,426 | 1,365 | 1,274 | 1,244 | 1,255 | 1,279 | 1,296 | 1,308 | 1,316 | 1,323 |
| Total Supply | 1,525 | 1,426 | 1,365 | 1,274 | 1,244 | 1,255 | 1,279 | 1,296 | 1,308 | 1,316 | 1,323 |
| Consumption | 2,200 | 2,151 | 2,152 | 2,122 | 2,105 | 2,107 | 2,118 | 2,126 | 2,127 | 2,125 | 2,122 |
| Net Exports | -675 | -725 | -787 | -848 | -862 | -852 | -839 | -830 | -820 | -809 | -799 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1,525 | 1,426 | 1,365 | 1,274 | 1,244 | 1,255 | 1,279 | 1,296 | 1,308 | 1,316 | 1,323 |
| **Pork** | | | | | | | | | | | |
| Production | 1,785 | 1,869 | 1,950 | 2,007 | 2,037 | 2,060 | 2,084 | 2,108 | 2,134 | 2,159 | 2,184 |
| Total Supply | 1,785 | 1,869 | 1,950 | 2,007 | 2,037 | 2,060 | 2,084 | 2,108 | 2,134 | 2,159 | 2,184 |
| Consumption | 2,434 | 2,478 | 2,551 | 2,603 | 2,644 | 2,666 | 2,681 | 2,693 | 2,709 | 2,726 | 2,743 |
| Net Exports | -649 | -609 | -601 | -596 | -607 | -606 | -597 | -585 | -575 | -567 | -560 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1,785 | 1,869 | 1,950 | 2,007 | 2,037 | 2,060 | 2,084 | 2,108 | 2,134 | 2,159 | 2,184 |
| **Broiler** | | | | | | | | | | | |
| Production | 740 | 763 | 829 | 880 | 911 | 932 | 953 | 976 | 999 | 1,023 | 1,047 |
| Total Supply | 820 | 823 | 829 | 880 | 911 | 932 | 953 | 976 | 999 | 1,023 | 1,047 |
| Consumption | 1,799 | 1,872 | 1,878 | 1,929 | 1,960 | 1,981 | 2,002 | 2,025 | 2,048 | 2,072 | 2,096 |
| Net Exports | -1,039 | -1,049 | -1,049 | -1,049 | -1,049 | -1,049 | -1,049 | -1,049 | -1,049 | -1,049 | -1,049 |
| Ending Stocks | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 820 | 823 | 829 | 880 | 911 | 932 | 953 | 976 | 999 | 1,023 | 1,047 |
| **Farm Prices** | | | | | (Rubles per Ton) | | | | | | |
| Beef and Veal | 35,767 | 36,661 | 45,092 | 54,036 | 54,887 | 51,401 | 47,843 | 45,241 | 43,670 | 42,344 | 40,988 |
| Pork | 49,909 | 47,447 | 53,231 | 57,265 | 55,911 | 53,831 | 52,682 | 51,965 | 51,337 | 50,505 | 49,540 |
| Poultry | 38,180 | 35,164 | 43,011 | 45,963 | 45,787 | 44,743 | 43,980 | 43,347 | 42,807 | 42,166 | 41,490 |

## Saudi Arabian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Broiler** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 479 | 486 | 491 | 501 | 512 | 527 | 544 | 562 | 581 | 600 | 621 |
| Total Supply | 479 | 486 | 491 | 501 | 512 | 527 | 544 | 562 | 581 | 600 | 621 |
| Consumption | 905 | 943 | 987 | 1,017 | 1,034 | 1,050 | 1,073 | 1,097 | 1,122 | 1,151 | 1,180 |
| Net Exports | -426 | -457 | -495 | -516 | -521 | -523 | -529 | -535 | -541 | -550 | -559 |
| Ending Stock | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 479 | 486 | 491 | 501 | 512 | 527 | 544 | 562 | 581 | 600 | 621 |
| **Wholesale Price** | | | | | (Riyals per Kilogram) | | | | | | |
| Poultry | 6.09 | 5.68 | 5.45 | 5.39 | 5.35 | 5.35 | 5.36 | 5.37 | 5.39 | 5.41 | 5.42 |

## South African Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 13.5 | 13.7 | 14.0 | 14.6 | 15.1 | 15.6 | 15.9 | 16.2 | 16.3 | 16.3 | 16.3 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 643 | 653 | 664 | 677 | 689 | 699 | 706 | 715 | 725 | 740 | 759 |
| Total Supply | 643 | 653 | 664 | 677 | 689 | 699 | 706 | 715 | 725 | 740 | 759 |
| Consumption | 690 | 693 | 701 | 709 | 727 | 750 | 774 | 790 | 805 | 820 | 834 |
| Net Exports | -47 | -40 | -37 | -32 | -38 | -52 | -67 | -74 | -79 | -81 | -75 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 643 | 653 | 664 | 677 | 689 | 699 | 706 | 715 | 725 | 740 | 759 |
| **Broiler** | | | | | | | | | | | |
| Production | 825 | 857 | 870 | 880 | 892 | 906 | 921 | 941 | 961 | 983 | 1,005 |
| Total Supply | 825 | 857 | 892 | 902 | 914 | 928 | 943 | 963 | 983 | 1,005 | 1,027 |
| Consumption | 997 | 1,019 | 1,035 | 1,050 | 1,071 | 1,097 | 1,122 | 1,135 | 1,148 | 1,172 | 1,197 |
| Net Exports | -172 | -184 | -165 | -171 | -179 | -191 | -200 | -195 | -187 | -189 | -192 |
| Ending Stocks | 0 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| Total Use | 825 | 857 | 892 | 902 | 914 | 928 | 943 | 963 | 983 | 1,005 | 1,027 |
| **Prices** | | | | | (Rand per Kilogram) | | | | | | |
| Beef - Farm | 39.56 | 41.69 | 42.03 | 42.95 | 43.35 | 43.17 | 42.84 | 42.64 | 42.70 | 43.68 | 45.19 |
| Poultry - Retail | 17.29 | 17.10 | 16.71 | 16.79 | 17.18 | 17.50 | 17.79 | 18.11 | 18.46 | 18.82 | 19.21 |

## South Korean Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 2.16 | 2.30 | 2.39 | 2.44 | 2.48 | 2.51 | 2.57 | 2.62 | 2.67 | 2.70 | 2.72 |
| Hog Inventories (Beg.) | 8.04 | 7.96 | 8.37 | 8.86 | 9.19 | 9.41 | 9.72 | 10.10 | 10.42 | 10.60 | 10.77 |
| **Beef** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 204 | 233 | 254 | 268 | 280 | 281 | 287 | 294 | 302 | 310 | 321 |
| Imports | 235 | 250 | 291 | 332 | 379 | 395 | 409 | 422 | 434 | 445 | 445 |
| Total Supply | 205 | 234 | 255 | 269 | 281 | 282 | 288 | 295 | 303 | 311 | 322 |
| Consumption | 439 | 483 | 545 | 600 | 658 | 676 | 695 | 716 | 736 | 755 | 766 |
| Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 205 | 234 | 255 | 269 | 281 | 282 | 288 | 295 | 303 | 311 | 322 |
| **Pork** | | | | | | | | | | | |
| Production | 1,050 | 1,091 | 1,133 | 1,169 | 1,205 | 1,236 | 1,260 | 1,277 | 1,293 | 1,308 | 1,329 |
| Imports | 300 | 314 | 332 | 337 | 335 | 331 | 340 | 353 | 356 | 358 | 363 |
| Total Supply | 1,233 | 1,291 | 1,337 | 1,377 | 1,413 | 1,443 | 1,468 | 1,488 | 1,506 | 1,523 | 1,546 |
| Consumption | 1,328 | 1,395 | 1,457 | 1,500 | 1,536 | 1,561 | 1,592 | 1,621 | 1,640 | 1,658 | 1,683 |
| Exports | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 |
| Ending Stocks | 200 | 205 | 207 | 208 | 207 | 208 | 210 | 214 | 215 | 217 | 218 |
| Total Use | 1,233 | 1,291 | 1,337 | 1,377 | 1,413 | 1,443 | 1,468 | 1,488 | 1,506 | 1,523 | 1,546 |
| **Broiler** | | | | | | | | | | | |
| Production | 450 | 461 | 469 | 478 | 486 | 492 | 496 | 497 | 503 | 509 | 518 |
| Imports | 55 | 68 | 74 | 78 | 88 | 95 | 101 | 106 | 109 | 110 | 112 |
| Total Supply | 450 | 461 | 469 | 478 | 486 | 492 | 496 | 497 | 503 | 509 | 518 |
| Consumption | 504 | 527 | 542 | 555 | 573 | 586 | 595 | 603 | 610 | 618 | 629 |
| Exports | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 450 | 461 | 469 | 478 | 486 | 492 | 496 | 497 | 503 | 509 | 518 |
| **Farm Prices** | | | | | (1000 Won per 500 Kilograms, Liveweight) | | | | | | |
| Beef | 3,837 | 3,996 | 4,307 | 4,573 | 4,824 | 4,557 | 4,283 | 4,023 | 3,843 | 3,706 | 3,800 |
| | | | | | (Won per Kilogram, Liveweight) | | | | | | |
| Pork | 2,595 | 2,370 | 2,363 | 2,450 | 2,580 | 2,608 | 2,549 | 2,493 | 2,510 | 2,526 | 2,563 |
| Poultry | 1,463 | 1,401 | 1,454 | 1,521 | 1,574 | 1,606 | 1,628 | 1,646 | 1,679 | 1,710 | 1,747 |
| **Retail Prices** | | | | | (Won per Kilogram) | | | | | | |
| Beef | 26,504 | 27,687 | 29,678 | 31,683 | 33,609 | 32,582 | 30,620 | 28,495 | 26,804 | 25,485 | 25,530 |
| Pork | 5,433 | 5,141 | 5,053 | 5,185 | 5,441 | 5,529 | 5,417 | 5,271 | 5,258 | 5,270 | 5,327 |
| Poultry | 3,866 | 3,785 | 3,886 | 4,056 | 4,203 | 4,296 | 4,354 | 4,397 | 4,472 | 4,546 | 4,637 |

## Taiwanese Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| Hog Inventories (Beg.) | 6.82 | 7.10 | 7.41 | 7.65 | 7.63 | 7.58 | 7.63 | 7.79 | 7.93 | 7.95 | 7.98 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Imports | 88 | 90 | 94 | 97 | 101 | 105 | 109 | 113 | 116 | 118 | 121 |
| Total Supply | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Consumption | 93 | 95 | 98 | 102 | 106 | 110 | 114 | 118 | 121 | 123 | 126 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Pork** | | | | | | | | | | | |
| Production | 910 | 928 | 927 | 933 | 941 | 952 | 960 | 967 | 977 | 988 | 1001 |
| Imports | 40 | 48 | 63 | 65 | 60 | 57 | 64 | 74 | 74 | 75 | 76 |
| Total Supply | 910 | 928 | 927 | 933 | 941 | 952 | 960 | 967 | 977 | 988 | 1001 |
| Consumption | 950 | 976 | 990 | 998 | 1001 | 1008 | 1023 | 1039 | 1050 | 1062 | 1075 |
| Exports | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 910 | 928 | 927 | 933 | 941 | 952 | 960 | 967 | 977 | 988 | 1001 |
| **Broiler** | | | | | | | | | | | |
| Production | 605 | 607 | 602 | 606 | 611 | 618 | 623 | 628 | 634 | 641 | 647 |
| Imports | 67 | 77 | 96 | 107 | 118 | 128 | 137 | 146 | 155 | 165 | 174 |
| Total Supply | 605 | 607 | 602 | 606 | 611 | 618 | 623 | 628 | 634 | 641 | 647 |
| Consumption | 671 | 683 | 697 | 711 | 729 | 745 | 759 | 773 | 789 | 805 | 820 |
| Exports | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 605 | 607 | 602 | 606 | 611 | 618 | 623 | 628 | 634 | 641 | 647 |
| **Retail Prices** | | | | | (New Taiwan Dollars per Kilogram) | | | | | | |
| Beef and Veal | 273 | 269 | 259 | 258 | 258 | 258 | 257 | 257 | 262 | 268 | 275 |
| Pork | 161 | 151 | 147 | 149 | 154 | 157 | 155 | 153 | 155 | 156 | 157 |
| Poultry | 135 | 132 | 129 | 131 | 133 | 135 | 136 | 137 | 138 | 140 | 142 |

## Thai Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 4.28 | 3.87 | 3.97 | 4.03 | 4.07 | 4.09 | 4.11 | 4.12 | 4.13 | 4.17 | 4.22 |
| Hog Inventories (Beg.) | 5.32 | 5.46 | 5.61 | 5.71 | 5.77 | 5.85 | 5.99 | 6.15 | 6.27 | 6.40 | 6.52 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 73 | 66 | 68 | 69 | 69 | 70 | 70 | 70 | 70 | 71 | 72 |
| Total Supply | 73 | 66 | 68 | 69 | 69 | 70 | 70 | 70 | 70 | 71 | 72 |
| Consumption | 74 | 74 | 75 | 78 | 81 | 84 | 86 | 88 | 90 | 92 | 94 |
| Net Exports | -1 | -8 | -8 | -9 | -11 | -14 | -16 | -18 | -20 | -21 | -22 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 73 | 66 | 68 | 69 | 69 | 70 | 70 | 70 | 70 | 71 | 72 |
| **Pork** | | | | | | | | | | | |
| Production | 671 | 689 | 708 | 720 | 729 | 739 | 757 | 777 | 792 | 807 | 823 |
| Total Supply | 671 | 689 | 708 | 720 | 729 | 739 | 757 | 777 | 792 | 807 | 823 |
| Consumption | 671 | 689 | 708 | 720 | 729 | 739 | 757 | 777 | 792 | 807 | 823 |
| Net Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Stock Change | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 671 | 689 | 708 | 720 | 729 | 739 | 757 | 777 | 792 | 807 | 823 |
| **Broiler** | | | | | | | | | | | |
| Production | 950 | 1,096 | 1,409 | 1,568 | 1,624 | 1,648 | 1,664 | 1,670 | 1,673 | 1,692 | 1,711 |
| Total Supply | 1,090 | 1,176 | 1,489 | 1,648 | 1,704 | 1,728 | 1,744 | 1,750 | 1,753 | 1,772 | 1,791 |
| Consumption | 710 | 766 | 855 | 929 | 957 | 984 | 1,002 | 1,023 | 1,052 | 1,078 | 1,104 |
| Net Exports | 300 | 331 | 554 | 640 | 667 | 664 | 662 | 647 | 621 | 614 | 607 |
| Ending Stocks | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Total Use | 1,090 | 1,176 | 1,489 | 1,648 | 1,704 | 1,728 | 1,744 | 1,750 | 1,753 | 1,772 | 1,791 |
| **Wholesale Prices** | | | | | (Baht per Kilogram) | | | | | | |
| Beef and Veal | 109.4 | 105.1 | 100.5 | 96.1 | 91.5 | 87.1 | 83.4 | 79.0 | 76.3 | 76.9 | 77.7 |
| Pork | 62.1 | 55.0 | 49.7 | 50.1 | 53.7 | 56.0 | 53.2 | 48.9 | 48.5 | 49.5 | 50.3 |
| Poultry | 30.8 | 28.4 | 26.5 | 25.7 | 25.0 | 24.3 | 23.8 | 22.9 | 22.0 | 21.9 | 21.8 |

## Ukrainian Meat Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Million Head) | | | | | | |
| Cattle Inventories (Beg.) | 7.0 | 6.7 | 6.6 | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.8 |
| Hog Inventories (Beg.) | 6.5 | 6.5 | 7.0 | 7.4 | 7.8 | 8.2 | 8.6 | 8.8 | 9.0 | 9.2 | 9.3 |
| **Beef and Veal** | | | | | (Thousand Metric Tons) | | | | | | |
| Production | 532 | 496 | 477 | 471 | 465 | 462 | 461 | 461 | 464 | 468 | 471 |
| Total Supply | 547 | 511 | 492 | 486 | 480 | 477 | 476 | 476 | 479 | 483 | 486 |
| Consumption | 472 | 474 | 488 | 501 | 502 | 503 | 509 | 516 | 518 | 521 | 523 |
| Net Exports | 60 | 23 | -12 | -29 | -38 | -41 | -49 | -55 | -54 | -53 | -52 |
| Ending Stocks | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Total Use | 547 | 511 | 492 | 486 | 480 | 477 | 476 | 476 | 479 | 483 | 486 |
| **Pork** | | | | | | | | | | | |
| Production | 475 | 496 | 527 | 558 | 572 | 582 | 594 | 604 | 611 | 621 | 631 |
| Total Supply | 497 | 518 | 550 | 581 | 595 | 605 | 617 | 628 | 634 | 645 | 655 |
| Consumption | 544 | 564 | 575 | 587 | 612 | 633 | 646 | 656 | 673 | 686 | 700 |
| Net Exports | -69 | -69 | -48 | -29 | -40 | -51 | -52 | -51 | -61 | -65 | -69 |
| Ending Stocks | 22 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 23 | 24 | 24 |
| Total Use | 497 | 518 | 550 | 581 | 595 | 605 | 617 | 628 | 634 | 645 | 655 |
| **Broiler** | | | | | | | | | | | |
| Production | 280 | 324 | 350 | 372 | 387 | 399 | 412 | 427 | 442 | 458 | 474 |
| Total Supply | 280 | 324 | 350 | 372 | 387 | 399 | 412 | 427 | 442 | 458 | 474 |
| Consumption | 395 | 418 | 443 | 461 | 476 | 488 | 501 | 513 | 525 | 539 | 553 |
| Net Exports | -115 | -94 | -93 | -89 | -89 | -89 | -89 | -87 | -83 | -81 | -79 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 280 | 324 | 350 | 372 | 387 | 399 | 412 | 427 | 442 | 458 | 474 |
| **Farm Prices** | | | | | (Hryvnias per Kilogram) | | | | | | |
| Beef and Veal | 15.52 | 14.44 | 13.40 | 12.82 | 12.17 | 11.63 | 11.23 | 10.98 | 10.99 | 11.13 | 11.28 |
| Pork | 24.54 | 23.26 | 23.89 | 24.55 | 22.91 | 21.65 | 21.63 | 22.00 | 21.76 | 21.91 | 22.04 |
| Poultry | 23.15 | 21.23 | 20.19 | 20.07 | 19.29 | 18.76 | 18.57 | 18.59 | 18.62 | 18.65 | 18.68 |

## Per Capita Meat Consumption of Selected Countries

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Kilograms) | | | | | | |
| **Argentina** | | | | | | | | | | | |
| Beef and Veal | 58.0 | 57.9 | 57.6 | 57.9 | 58.2 | 58.4 | 58.7 | 58.9 | 58.9 | 58.8 | 58.7 |
| Pork | 5.0 | 5.1 | 5.1 | 5.1 | 5.3 | 5.4 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 |
| Broiler | 24.6 | 25.9 | 26.2 | 26.4 | 26.7 | 27.0 | 27.4 | 27.8 | 28.2 | 28.6 | 29.1 |
| Total | 87.7 | 88.9 | 88.8 | 89.4 | 90.1 | 90.8 | 91.5 | 92.2 | 92.6 | 93.1 | 93.5 |
| **Australia** | | | | | | | | | | | |
| Beef and Veal | 37.3 | 37.4 | 37.7 | 38.0 | 38.1 | 38.1 | 38.3 | 38.4 | 38.4 | 38.4 | 38.3 |
| Pork | 20.9 | 20.9 | 20.8 | 20.9 | 21.1 | 21.3 | 21.3 | 21.4 | 21.6 | 21.7 | 21.9 |
| Broiler | 34.3 | 35.2 | 36.2 | 36.8 | 37.1 | 37.3 | 37.6 | 37.9 | 38.2 | 38.6 | 39.0 |
| Total | 92.6 | 93.6 | 94.8 | 95.7 | 96.2 | 96.7 | 97.2 | 97.7 | 98.2 | 98.7 | 99.2 |
| **Brazil** | | | | | | | | | | | |
| Beef and Veal | 35.5 | 36.2 | 36.4 | 36.7 | 37.0 | 37.4 | 37.8 | 38.2 | 38.4 | 38.6 | 38.8 |
| Pork | 10.7 | 10.9 | 10.8 | 10.8 | 11.0 | 11.2 | 11.3 | 11.3 | 11.5 | 11.6 | 11.7 |
| Broiler | 33.5 | 34.5 | 35.4 | 36.0 | 36.3 | 36.6 | 37.0 | 37.5 | 37.9 | 38.4 | 39.0 |
| Total | 79.7 | 81.6 | 82.6 | 83.5 | 84.4 | 85.2 | 86.1 | 87.0 | 87.8 | 88.7 | 89.5 |
| **Bulgaria** | | | | | | | | | | | |
| Beef and Veal | 10.5 | 10.7 | 11.1 | 11.5 | 11.6 | 11.7 | 11.9 | 12.2 | 12.3 | 12.4 | 12.6 |
| Pork | 16.0 | 16.5 | 16.9 | 17.4 | 17.8 | 18.2 | 18.5 | 18.8 | 19.2 | 19.6 | 20.0 |
| Broiler | 15.6 | 16.1 | 16.5 | 16.9 | 17.3 | 17.7 | 18.0 | 18.3 | 18.7 | 19.1 | 19.5 |
| Total | 42.1 | 43.3 | 44.5 | 45.7 | 46.6 | 47.7 | 48.5 | 49.3 | 50.2 | 51.1 | 52.0 |
| **Canada** | | | | | | | | | | | |
| Beef and Veal | 31.9 | 32.0 | 31.9 | 32.2 | 32.8 | 33.4 | 33.6 | 33.7 | 33.8 | 33.8 | 33.8 |
| Pork | 30.8 | 31.3 | 32.0 | 31.8 | 31.2 | 30.8 | 31.1 | 31.6 | 31.5 | 31.5 | 31.5 |
| Broiler | 30.0 | 29.8 | 29.5 | 29.7 | 30.1 | 30.4 | 30.3 | 30.2 | 30.5 | 30.7 | 30.9 |
| Total | 92.8 | 93.1 | 93.4 | 93.7 | 94.2 | 94.6 | 95.1 | 95.5 | 95.8 | 96.0 | 96.2 |
| **China - Mainland** | | | | | | | | | | | |
| Beef and Veal | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.7 | 6.9 | 7.1 | 7.3 | 7.5 |
| Pork | 37.2 | 38.4 | 39.1 | 39.6 | 40.1 | 40.7 | 41.4 | 42.0 | 42.5 | 43.0 | 43.5 |
| Broiler | 7.8 | 8.0 | 8.2 | 8.5 | 8.7 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 9.9 |
| Lamb-Mutton | 2.0 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 |
| Total | 52.4 | 54.1 | 55.3 | 56.3 | 57.3 | 58.4 | 59.5 | 60.5 | 61.5 | 62.4 | 63.3 |
| **China - Hong Kong** | | | | | | | | | | | |
| Beef and Veal | 13.8 | 14.1 | 14.3 | 14.7 | 15.3 | 15.7 | 16.1 | 16.3 | 16.6 | 16.8 | 17.0 |
| Pork | 58.0 | 59.2 | 61.5 | 62.9 | 63.9 | 65.0 | 65.6 | 66.2 | 66.3 | 66.3 | 66.4 |
| Broiler | 41.0 | 41.3 | 41.7 | 42.1 | 42.5 | 42.9 | 43.1 | 43.2 | 43.5 | 43.8 | 44.1 |
| Total | 112.8 | 114.6 | 117.6 | 119.7 | 121.7 | 123.6 | 124.7 | 125.8 | 126.4 | 126.9 | 127.5 |
| **Egypt** | | | | | | | | | | | |
| Beef and Veal | 7.5 | 7.6 | 7.7 | 7.8 | 8.0 | 8.1 | 8.3 | 8.4 | 8.5 | 8.6 | 8.6 |
| Broiler | 6.4 | 6.7 | 7.0 | 7.2 | 7.4 | 7.7 | 8.0 | 8.1 | 8.4 | 8.6 | 8.9 |
| Total | 13.9 | 14.3 | 14.7 | 15.0 | 15.4 | 15.9 | 16.2 | 16.6 | 16.9 | 17.2 | 17.5 |
| **EU New Member States** | | | | | | | | | | | |
| Beef and Veal | 3.6 | 3.7 | 3.7 | 3.8 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.2 | 4.3 |
| Pork | 41.3 | 41.8 | 42.8 | 43.3 | 43.8 | 44.4 | 44.7 | 45.0 | 45.5 | 45.9 | 46.3 |
| Broiler | 16.4 | 16.5 | 17.0 | 17.4 | 17.8 | 18.2 | 18.6 | 18.9 | 19.3 | 19.6 | 19.9 |
| Total | 61.2 | 62.0 | 63.4 | 64.4 | 65.4 | 66.4 | 67.3 | 68.0 | 69.0 | 69.8 | 70.6 |
| **European Union-15** | | | | | | | | | | | |
| Beef and Veal | 20.7 | 20.9 | 20.9 | 20.8 | 20.5 | 20.2 | 20.1 | 19.9 | 19.7 | 19.6 | 19.4 |
| Pork | 42.5 | 42.7 | 42.6 | 42.9 | 43.1 | 43.4 | 43.5 | 43.7 | 44.0 | 44.2 | 44.4 |
| Broiler | 16.0 | 16.0 | 16.3 | 16.5 | 16.6 | 16.8 | 16.9 | 17.1 | 17.2 | 17.4 | 17.6 |
| Lamb-Mutton | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.6 | 3.6 | 3.6 | 3.6 | 3.7 |
| Total | 82.7 | 83.1 | 83.2 | 83.6 | 83.7 | 83.9 | 84.1 | 84.2 | 84.5 | 84.8 | 85.0 |

Note: Carcass weight basis for beef and veal and pork consumption and ready-to-cook equivalent for broiler and poultry consumption.

## Per Capita Meat Consumption of Selected Countries (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **India** | | | | | (Kilograms) | | | | | | |
| Beef and Veal | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 |
| Broiler | 1.8 | 1.8 | 1.9 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 |
| Total | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.6 | 3.7 | 3.7 | 3.8 | 3.8 | 3.9 |
| **Indonesia** | | | | | | | | | | | |
| Beef and Veal | 1.6 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 2.0 |
| Pork | 2.5 | 2.5 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| Broiler | 2.6 | 2.7 | 2.9 | 3.0 | 3.0 | 3.0 | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 |
| Lamb | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 |
| Total | 7.2 | 7.3 | 7.5 | 7.7 | 7.8 | 7.8 | 7.9 | 8.1 | 8.2 | 8.3 | 8.4 |
| **Japan** | | | | | | | | | | | |
| Beef and Veal - All | 9.6 | 9.8 | 10.4 | 11.2 | 11.7 | 12.1 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 |
| Wagyu | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 |
| Dairy | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 |
| Import | 5.7 | 6.0 | 6.7 | 7.5 | 8.1 | 8.6 | 8.8 | 9.0 | 9.1 | 9.2 | 9.2 |
| Pork | 19.9 | 19.9 | 20.3 | 20.5 | 20.4 | 20.4 | 20.7 | 21.1 | 21.3 | 21.5 | 21.6 |
| Broiler | 14.3 | 14.4 | 14.5 | 14.6 | 14.8 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 |
| Total | 43.7 | 44.1 | 45.3 | 46.3 | 46.9 | 47.4 | 47.9 | 48.5 | 48.9 | 49.3 | 49.6 |
| **Mexico** | | | | | | | | | | | |
| Beef and Veal | 22.8 | 23.2 | 23.0 | 23.1 | 23.6 | 24.0 | 24.2 | 24.3 | 24.5 | 24.7 | 24.8 |
| Pork | 15.2 | 15.3 | 15.7 | 15.9 | 15.9 | 16.0 | 16.4 | 16.9 | 17.1 | 17.4 | 17.7 |
| Broiler | 27.0 | 28.1 | 28.4 | 28.8 | 29.5 | 30.0 | 30.4 | 30.6 | 31.2 | 31.8 | 32.4 |
| Total | 65.0 | 66.6 | 67.1 | 67.8 | 68.9 | 70.0 | 71.0 | 71.8 | 72.9 | 73.9 | 74.9 |
| **New Zealand** | | | | | | | | | | | |
| Beef and Veal | 29.7 | 29.7 | 29.9 | 30.1 | 29.6 | 29.5 | 29.6 | 29.9 | 30.1 | 30.2 | 30.3 |
| Pork | 15.1 | 15.3 | 15.1 | 15.1 | 15.4 | 15.7 | 15.7 | 15.8 | 16.0 | 16.2 | 16.3 |
| Broiler | 39.9 | 42.1 | 43.4 | 44.2 | 44.3 | 44.5 | 44.8 | 45.2 | 45.6 | 46.0 | 46.5 |
| Total | 84.7 | 87.0 | 88.4 | 89.3 | 89.3 | 89.7 | 90.1 | 90.9 | 91.7 | 92.4 | 93.1 |
| **Other Eastern Europe** | | | | | | | | | | | |
| Beef and Veal | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.1 | 11.2 | 11.2 | 11.3 |
| Pork | 28.0 | 28.6 | 29.2 | 29.5 | 29.8 | 30.1 | 30.4 | 30.6 | 30.8 | 31.0 | 31.2 |
| Poultry | 7.1 | 7.3 | 7.4 | 7.5 | 7.5 | 7.6 | 7.6 | 7.7 | 7.7 | 7.8 | 7.8 |
| Total | 45.6 | 46.4 | 47.3 | 47.9 | 48.3 | 48.6 | 49.0 | 49.4 | 49.7 | 50.0 | 50.3 |
| **Other CIS** | | | | | | | | | | | |
| Beef and Veal | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.8 | 17.8 |
| Pork | 7.9 | 8.0 | 8.0 | 8.1 | 8.2 | 8.3 | 8.3 | 8.4 | 8.5 | 8.5 | 8.6 |
| Poultry | 4.2 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 |
| Total | 29.1 | 29.4 | 29.6 | 29.7 | 29.9 | 30.1 | 30.3 | 30.5 | 30.6 | 30.7 | 30.8 |
| **Philippines** | | | | | | | | | | | |
| Beef and Veal | 4.4 | 4.4 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 |
| Pork | 12.9 | 12.9 | 13.1 | 13.2 | 13.3 | 13.3 | 13.5 | 13.8 | 13.9 | 14.0 | 14.2 |
| Broiler | 7.7 | 7.9 | 8.1 | 8.2 | 8.2 | 8.4 | 8.5 | 8.6 | 8.7 | 8.9 | 9.1 |
| Total | 25.0 | 25.2 | 25.6 | 25.9 | 26.1 | 26.4 | 26.8 | 27.1 | 27.5 | 27.8 | 28.1 |
| **Romania** | | | | | | | | | | | |
| Beef and Veal | 9.8 | 9.9 | 10.2 | 10.5 | 10.7 | 10.9 | 11.2 | 11.4 | 11.6 | 11.7 | 11.8 |
| Pork | 28.6 | 28.9 | 28.6 | 28.7 | 29.6 | 30.4 | 30.9 | 31.1 | 31.8 | 32.3 | 32.8 |
| Broiler | 14.9 | 15.6 | 16.7 | 17.3 | 17.5 | 17.7 | 18.1 | 18.5 | 18.7 | 19.2 | 19.6 |
| Total | 53.2 | 54.5 | 55.5 | 56.5 | 57.8 | 59.0 | 60.1 | 61.0 | 62.1 | 63.2 | 64.2 |
| **Russia** | | | | | | | | | | | |
| Beef and Veal | 15.3 | 15.1 | 15.1 | 15.0 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.4 |
| Pork | 17.0 | 17.3 | 17.9 | 18.3 | 18.7 | 18.9 | 19.1 | 19.3 | 19.5 | 19.7 | 19.9 |
| Broiler | 12.5 | 13.1 | 13.2 | 13.6 | 13.9 | 14.1 | 14.3 | 14.5 | 14.7 | 15.0 | 15.2 |
| Total | 44.9 | 45.5 | 46.2 | 46.9 | 47.5 | 48.0 | 48.5 | 49.0 | 49.5 | 50.0 | 50.5 |

Note: Carcass weight basis for beef and veal and pork consumption and ready-to-cook equivalent for broiler and poultry consumption.

## Per Capita Meat Consumption of Selected Countries (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **South Africa** | | | | | (Kilograms) | | | | | | |
| Beef and Veal | 15.6 | 15.7 | 15.9 | 16.2 | 16.7 | 17.3 | 17.9 | 18.4 | 18.9 | 19.3 | 19.7 |
| Broiler | 22.5 | 23.1 | 23.5 | 24.0 | 24.6 | 25.3 | 26.0 | 26.5 | 26.9 | 27.6 | 28.3 |
| Total | 38.0 | 38.7 | 39.4 | 40.2 | 41.3 | 42.6 | 44.0 | 44.9 | 45.8 | 46.9 | 48.1 |
| **South Korea** | | | | | | | | | | | |
| Beef and Veal | 9.0 | 9.9 | 11.1 | 12.2 | 13.3 | 13.6 | 14.0 | 14.4 | 14.7 | 15.1 | 15.3 |
| Pork | 27.3 | 28.6 | 29.7 | 30.5 | 31.1 | 31.5 | 32.0 | 32.5 | 32.8 | 33.1 | 33.6 |
| Broiler | 10.4 | 10.8 | 11.1 | 11.3 | 11.6 | 11.8 | 12.0 | 12.1 | 12.2 | 12.4 | 12.5 |
| Total | 46.7 | 49.2 | 51.9 | 53.9 | 56.0 | 57.0 | 58.0 | 59.0 | 59.8 | 60.6 | 61.4 |
| **Taiwan** | | | | | | | | | | | |
| Beef and Veal | 4.1 | 4.1 | 4.2 | 4.4 | 4.5 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 |
| Pork | 41.5 | 42.4 | 42.7 | 42.8 | 42.7 | 42.8 | 43.2 | 43.7 | 43.9 | 44.3 | 44.6 |
| Broiler | 29.3 | 29.7 | 30.1 | 30.5 | 31.1 | 31.6 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 |
| Total | 74.9 | 76.1 | 77.0 | 77.7 | 78.3 | 79.1 | 80.1 | 81.1 | 82.0 | 82.9 | 83.9 |
| **Thailand** | | | | | | | | | | | |
| Beef and Veal | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.4 | 1.4 |
| Pork | 10.5 | 10.7 | 10.9 | 11.0 | 11.1 | 11.1 | 11.3 | 11.6 | 11.7 | 11.9 | 12.1 |
| Broiler | 11.1 | 11.8 | 13.1 | 14.2 | 14.5 | 14.8 | 15.0 | 15.3 | 15.6 | 15.9 | 16.2 |
| Total | 22.7 | 23.7 | 25.2 | 26.4 | 26.8 | 27.2 | 27.7 | 28.2 | 28.7 | 29.2 | 29.7 |
| **Ukraine** | | | | | | | | | | | |
| Beef and Veal | 10.0 | 10.1 | 10.5 | 10.8 | 10.9 | 11.0 | 11.2 | 11.4 | 11.5 | 11.7 | 11.8 |
| Pork | 11.6 | 12.1 | 12.4 | 12.7 | 13.3 | 13.9 | 14.2 | 14.5 | 15.0 | 15.4 | 15.8 |
| Broiler | 8.4 | 8.9 | 9.6 | 10.0 | 10.4 | 10.7 | 11.0 | 11.4 | 11.7 | 12.1 | 12.4 |
| Total | 30.0 | 31.2 | 32.5 | 33.5 | 34.6 | 35.6 | 36.5 | 37.3 | 38.2 | 39.1 | 40.0 |
| **United States** | | | | | | | | | | | |
| Beef and Veal | 42.4 | 43.3 | 43.4 | 43.5 | 43.8 | 43.9 | 44.0 | 44.1 | 44.0 | 43.8 | 43.5 |
| Pork | 29.1 | 29.5 | 29.7 | 29.7 | 29.6 | 29.6 | 29.7 | 29.9 | 29.8 | 29.7 | 29.7 |
| Broiler | 45.2 | 46.6 | 47.4 | 48.2 | 49.1 | 49.8 | 50.4 | 50.9 | 51.3 | 51.7 | 52.1 |
| Total | 116.8 | 119.4 | 120.4 | 121.4 | 122.5 | 123.3 | 124.1 | 124.9 | 125.1 | 125.2 | 125.3 |

Note: Carcass weight basis for beef and veal and pork consumption and ready-to-cook equivalent for broiler and poultry consumption.

# World Dairy Products

# World Butter and Cheese

Steady demand and lower exports from Australia and New Zealand boosted dairy prices 7% to 15% in 2005. Dairy prices decrease 10% to 12% in 2006 as Australia, New Zealand, and Argentina expand exports. Steady growth in import demand and gradual growth in global supplies put upward pressure on dairy prices in the long term, prompting butter, cheese, NFD, and WMP prices to rise annually by 1.4%, 1.3%, 1%, and 1.4%, respectively.

Australia, New Zealand, and the EU-15 remained the world's largest butter exporters, supplying 86.3% of total butter trade in 2005. Australian and New Zealand butter exports rise an average of 4% and 1.5% annually, while EU-15 net exports decline because of dairy market reform. Ukraine's butter exports remain stable, as its major importer, Russia, can meet its demand increase through production growth.

Russia accounted for about a quarter of the world's total butter imports in 2005. Russia's butter imports stabilize at about 160 tmt in the medium run and then decrease slightly because of increased domestic production. Egypt and Mexico increase their imports by 3% and 8.5% annually, respectively. Steady growth occurs in Asia, with imports increasing 47 tmt over the baseline.

Driven by rapidly growing domestic demand and strong world prices, Indian butter production increases 54.3% over the baseline. This increase accounts for 86.6% of world butter production growth. Indian butter exports peak at 28 tmt in 2008 and then decrease as consumption outpaces production.

Total cheese production grows 15.5%, with production in the U.S., Argentina, Australia, and New Zealand increasing 1.7%, 4.8%, 4%, and 3.4% annually, respectively. In the EU, because of the decrease in intervention prices for butter and NFD, higher returns from cheese production, and restricted milk supply, some milk is diverted from butter and NFD into cheese production. EU cheese production rises 8.4% over the baseline, while butter and NFD production decrease 3% and 2%, respectively.

Australia, New Zealand, and the EU-15 account for 68% of total cheese exports, and this proportion remains stable throughout the projection period. Argentina and Ukraine become increasingly important players in international cheese markets, accounting for 15.5% of total exports by 2015. Strong demand drives the world cheese trade to increase by 30%.

Russia's cheese imports expand 27.8% over the decade and are mainly supplied by Ukraine. Japan's cheese imports continue to increase, by 1.6% annually. Because of economic and population growth, cheese imports of other Asian countries (China, Indonesia, Malaysia, Philippines, South Korea, Thailand, and Vietnam) increase significantly (5.7% annually), especially those of China. Mexican cheese imports rise 15.4% over the baseline.

## Butter Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 |
| Australia | 75 | 77 | 81 | 82 | 87 | 91 | 96 | 99 | 103 | 107 | 111 |
| Canada | -7 | -8 | -10 | -10 | -10 | -10 | -10 | -10 | -11 | -11 | -11 |
| EU New Member States | 40 | 43 | 46 | 49 | 53 | 55 | 57 | 58 | 57 | 56 | 55 |
| European Union-15 | 169 | 177 | 172 | 167 | 165 | 163 | 160 | 158 | 157 | 156 | 155 |
| India | 2 | 12 | 21 | 28 | 26 | 22 | 23 | 20 | 15 | 12 | 5 |
| New Zealand | 298 | 310 | 310 | 314 | 317 | 321 | 325 | 330 | 335 | 339 | 344 |
| Ukraine | 30 | 30 | 28 | 26 | 26 | 26 | 26 | 25 | 25 | 26 | 25 |
| Uruguay | 11 | 10 | 12 | 14 | 15 | 16 | 16 | 16 | 16 | 16 | 15 |
| Total Net Exports * | 627 | 664 | 675 | 687 | 695 | 701 | 708 | 713 | 716 | 719 | 719 |
| **Net Importers** | | | | | | | | | | | |
| Brazil | 0 | 1 | -1 | -2 | -1 | 0 | 1 | 2 | 3 | 3 | 4 |
| Bulgaria | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| China | 22 | 26 | 27 | 28 | 30 | 32 | 33 | 34 | 35 | 36 | 36 |
| Colombia | 0 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 | 5 | 6 |
| Egypt | 20 | 23 | 25 | 27 | 30 | 32 | 34 | 37 | 40 | 42 | 45 |
| Indonesia | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 14 | 14 | 14 |
| Japan | 5 | 6 | 7 | 8 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Malaysia | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 14 |
| Mexico | 55 | 56 | 57 | 59 | 60 | 62 | 64 | 66 | 68 | 71 | 74 |
| Peru | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| Philippines | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 12 |
| Romania | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Russia | 145 | 162 | 165 | 164 | 163 | 163 | 163 | 163 | 161 | 159 | 157 |
| South Korea | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 |
| Switzerland | 4 | 4 | 4 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| Thailand | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 19 | 20 | 20 |
| United States | 15 | 15 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 24 | 26 |
| Venezuela | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Vietnam | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 |
| Rest of World | 294 | 300 | 299 | 301 | 300 | 295 | 289 | 282 | 275 | 267 | 258 |
| Total Net Imports | 627 | 664 | 675 | 687 | 695 | 701 | 708 | 713 | 716 | 719 | 719 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Price N. Europe | 2,004 | 1,755 | 1,803 | 1,853 | 1,849 | 1,860 | 1,891 | 1,920 | 1,946 | 1,972 | 1,992 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Cheese Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 43 | 63 | 66 | 67 | 68 | 73 | 82 | 92 | 101 | 110 | 119 |
| Australia | 176 | 190 | 193 | 209 | 220 | 235 | 251 | 268 | 283 | 298 | 313 |
| Bulgaria | 12 | 15 | 16 | 16 | 18 | 18 | 18 | 19 | 19 | 19 | 19 |
| EU New Member States | 145 | 127 | 118 | 114 | 116 | 119 | 120 | 121 | 122 | 124 | 125 |
| European Union-15 | 420 | 391 | 380 | 378 | 386 | 395 | 401 | 405 | 409 | 416 | 420 |
| New Zealand | 271 | 253 | 296 | 306 | 317 | 327 | 337 | 348 | 358 | 368 | 378 |
| Romania | 0 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 |
| Switzerland | 39 | 48 | 53 | 58 | 62 | 63 | 63 | 64 | 65 | 66 | 68 |
| Ukraine | 108 | 125 | 125 | 124 | 124 | 125 | 126 | 127 | 128 | 129 | 131 |
| Uruguay | 17 | 18 | 20 | 22 | 24 | 25 | 26 | 27 | 28 | 28 | 29 |
| Total Net Exports * | 1,237 | 1,234 | 1,271 | 1,299 | 1,338 | 1,384 | 1,429 | 1,474 | 1,519 | 1,566 | 1,610 |
| **Net Importers** | | | | | | | | | | | |
| Brazil | -4 | -3 | -4 | -5 | -2 | 2 | 6 | 9 | 12 | 16 | 19 |
| Canada | 17 | 19 | 19 | 18 | 18 | 18 | 17 | 17 | 16 | 15 | 14 |
| China | 22 | 30 | 32 | 39 | 45 | 51 | 55 | 60 | 63 | 66 | 68 |
| Colombia | -1 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 10 | 11 | 13 |
| Egypt | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 10 | 10 | 11 |
| Indonesia | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 12 | 12 | 11 |
| Japan | 215 | 214 | 217 | 221 | 227 | 232 | 236 | 240 | 244 | 248 | 251 |
| Malaysia | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 10 |
| Mexico | 83 | 85 | 90 | 84 | 84 | 86 | 86 | 86 | 88 | 92 | 96 |
| Peru | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Philippines | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 25 | 26 | 27 |
| Russia | 205 | 210 | 220 | 223 | 228 | 235 | 242 | 248 | 253 | 258 | 262 |
| South Korea | 43 | 42 | 42 | 43 | 46 | 48 | 50 | 51 | 53 | 54 | 55 |
| Thailand | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| United States | 120 | 122 | 124 | 126 | 128 | 130 | 131 | 133 | 135 | 137 | 139 |
| Venezuela | 9 | 13 | 15 | 16 | 18 | 20 | 21 | 23 | 24 | 25 | 27 |
| Vietnam | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Rest of World | 477 | 449 | 460 | 475 | 488 | 503 | 519 | 538 | 557 | 576 | 597 |
| Total Net Imports | 1,237 | 1,234 | 1,271 | 1,299 | 1,338 | 1,384 | 1,429 | 1,474 | 1,519 | 1,566 | 1,610 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Price N. Europe | 3,058 | 2,689 | 2,749 | 2,842 | 2,851 | 2,860 | 2,905 | 2,948 | 2,976 | 3,001 | 3,017 |

* Total net exports are the sum of all positive net exports and negative net imports.

# World Milk Powder

Over the next decade, NFD production rises 24.7%, with the greatest gains posted in the U.S., Russia, and India. Excluding the EU, WMP production grows in most countries, increasing a total of 24.6%. As NFD is less profitable than other dairy products in the export market, NFD production in Oceanic countries stagnates. In the meantime, WMP production in Australia and New Zealand increases 6.9% and 2.3% annually, respectively, in the next decade.

Australia, New Zealand, the EU-15, and the U.S. captured about 73.3% of the NFD export market in 2005, and their combined market share increases slightly over the baseline. NFD exports from Australia, New Zealand, and the U.S. grow an average of 1.1%, 0.9%, and 6.5% annually, respectively, while NFD exports from the EU-15 decrease 2.6% annually. As a by-product of butter, India's NFD production grows 76.2%, creating excess supplies that allow NFD exports to rise 17.1% annually. Driven by strong domestic consumption, Mexican NFD imports increase 15% over the projection period.

World WMP trade grows 21.1% over the baseline. While EU-15 WMP exports decrease by 1%, Australia, New Zealand, and Argentina expand their exports, respectively, by 8%, 2.9%, and 1.8% annually. Australia, New Zealand, Argentina, and Uruguay capture all of the 360 tmt increase in WMP exports. Venezuela's WMP imports expand 29.6%, reaching 123 tmt in 2015.

Strong devaluation, a recovering economy, and firm world prices drive the recovery of the Argentine dairy sector. Argentine WMP production and NFD production increase 2.3% and 5.3% annually, respectively, over the baseline. With improved domestic economic conditions and favorable government policies, Brazilian dairy production steadily increases. NFD production and WMP production increase 29.8% and 24.6%, respectively, during the projection period.

Southeast Asia (Indonesia, Malaysia, Philippines, Thailand, and Vietnam) increases its share of NFD imports from 32.8% in 2005 to 35.7% in 2015. China and Japan account for about 6.7% of the NFD import market by the end of the baseline. Together, these seven countries generate most of the growth in NFD trade. Southeast Asian WMP imports rise 5.1% annually throughout the baseline. Chinese WMP imports decline over the long term, as domestic WMP production expands and as consumers substitute fluid milk for reconstituted milk powder.

## Nonfat Dry Milk Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 22 | 22 | 25 | 26 | 28 | 30 | 32 | 34 | 36 | 39 | 41 |
| Australia | 170 | 179 | 182 | 182 | 183 | 182 | 184 | 186 | 187 | 188 | 190 |
| Bulgaria | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 |
| Canada | 0 | -3 | 7 | 6 | 0 | 3 | 2 | 3 | 4 | 5 | 5 |
| EU New Member States | 185 | 166 | 159 | 156 | 160 | 165 | 165 | 166 | 167 | 169 | 170 |
| European Union-15 | 158 | 141 | 132 | 130 | 130 | 128 | 128 | 127 | 125 | 122 | 121 |
| India | 10 | 19 | 30 | 32 | 34 | 36 | 38 | 40 | 43 | 46 | 49 |
| New Zealand | 223 | 233 | 235 | 235 | 236 | 236 | 237 | 238 | 240 | 241 | 243 |
| Switzerland | 14 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 16 |
| Ukraine | 65 | 64 | 61 | 59 | 58 | 56 | 55 | 52 | 51 | 51 | 49 |
| United States | 301 | 264 | 273 | 303 | 332 | 359 | 400 | 443 | 485 | 526 | 567 |
| Uruguay | 14 | 15 | 18 | 20 | 21 | 22 | 21 | 21 | 20 | 19 | 18 |
| Total Net Exports * | 1,162 | 1,117 | 1,137 | 1,165 | 1,197 | 1,233 | 1,277 | 1,325 | 1,372 | 1,420 | 1,468 |
| **Net Importers** | | | | | | | | | | | |
| Brazil | 2 | 1 | 1 | 1 | 1 | 3 | 4 | 5 | 6 | 5 | 5 |
| China | 55 | 54 | 56 | 57 | 57 | 58 | 59 | 61 | 62 | 63 | 65 |
| Colombia | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Egypt | 19 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 23 | 24 | 24 |
| Indonesia | 90 | 90 | 94 | 98 | 101 | 105 | 109 | 113 | 117 | 121 | 126 |
| Japan | 25 | 20 | 19 | 21 | 23 | 24 | 26 | 28 | 30 | 31 | 32 |
| Malaysia | 49 | 55 | 57 | 59 | 60 | 62 | 64 | 66 | 68 | 70 | 72 |
| Mexico | 173 | 172 | 173 | 175 | 177 | 180 | 184 | 188 | 191 | 195 | 199 |
| Peru | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |
| Philippines | 130 | 135 | 138 | 141 | 144 | 147 | 151 | 154 | 158 | 161 | 165 |
| Romania | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 |
| Russia | 45 | 45 | 49 | 49 | 49 | 49 | 50 | 50 | 49 | 48 | 46 |
| South Korea | 5 | 1 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Thailand | 80 | 87 | 89 | 92 | 94 | 96 | 98 | 100 | 103 | 106 | 108 |
| Venezuela | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Vietnam | 32 | 31 | 33 | 35 | 38 | 40 | 42 | 45 | 48 | 50 | 53 |
| Rest of World | 441 | 386 | 388 | 396 | 410 | 425 | 445 | 470 | 495 | 520 | 550 |
| Total Net Imports | 1,162 | 1,117 | 1,137 | 1,165 | 1,197 | 1,233 | 1,277 | 1,325 | 1,372 | 1,420 | 1,468 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Price N. Europe | 2,200 | 1,983 | 2,040 | 2,101 | 2,131 | 2,134 | 2,146 | 2,154 | 2,158 | 2,160 | 2,163 |

* Total net exports are the sum of all positive net exports and negative net imports.

## Whole Milk Powder Trade

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Net Exporters** | | | | | (Thousand Metric Tons) | | | | | | |
| Argentina | 181 | 185 | 189 | 195 | 200 | 200 | 202 | 205 | 208 | 212 | 216 |
| Australia | 158 | 179 | 191 | 208 | 223 | 240 | 259 | 278 | 298 | 319 | 340 |
| Canada | -7 | -4 | -4 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 |
| Colombia | 27 | 24 | 23 | 23 | 21 | 18 | 15 | 12 | 9 | 5 | 1 |
| EU New Member States | 40 | 38 | 37 | 37 | 37 | 37 | 38 | 37 | 37 | 37 | 37 |
| European Union-15 | 654 | 613 | 594 | 589 | 596 | 600 | 601 | 597 | 594 | 594 | 591 |
| New Zealand | 613 | 627 | 674 | 695 | 710 | 725 | 743 | 760 | 777 | 794 | 812 |
| Ukraine | 19 | 19 | 18 | 18 | 17 | 17 | 17 | 16 | 16 | 16 | 16 |
| Uruguay | 14 | 12 | 24 | 27 | 31 | 34 | 38 | 42 | 46 | 49 | 53 |
| Total Net Exports * | 1,705 | 1,708 | 1,755 | 1,797 | 1,837 | 1,870 | 1,913 | 1,948 | 1,984 | 2,027 | 2,065 |
| **Net Importers** | | | | | | | | | | | |
| Brazil | 3 | -12 | -3 | -5 | -3 | 1 | 5 | 9 | 12 | 15 | 19 |
| Bulgaria | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| China | 38 | 19 | 28 | 32 | 33 | 37 | 47 | 43 | 31 | 25 | 13 |
| Egypt | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 |
| Indonesia | 19 | 24 | 26 | 28 | 30 | 32 | 33 | 35 | 37 | 39 | 41 |
| Malaysia | 86 | 91 | 94 | 98 | 102 | 106 | 110 | 114 | 119 | 123 | 128 |
| Mexico | 29 | 29 | 33 | 35 | 38 | 42 | 45 | 48 | 51 | 55 | 58 |
| Peru | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 |
| Philippines | 13 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 | 26 | 26 |
| Romania | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Russia | 25 | 27 | 29 | 30 | 30 | 33 | 35 | 38 | 40 | 42 | 44 |
| South Korea | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Thailand | 40 | 38 | 39 | 40 | 42 | 42 | 42 | 43 | 44 | 44 | 45 |
| Venezuela | 95 | 96 | 99 | 101 | 104 | 107 | 110 | 114 | 117 | 120 | 123 |
| Vietnam | 45 | 47 | 51 | 56 | 61 | 66 | 71 | 76 | 81 | 87 | 94 |
| Rest of World | 1,287 | 1,297 | 1,314 | 1,335 | 1,354 | 1,360 | 1,367 | 1,379 | 1,400 | 1,422 | 1,443 |
| Total Net Imports | 1,705 | 1,708 | 1,755 | 1,797 | 1,837 | 1,870 | 1,913 | 1,948 | 1,984 | 2,027 | 2,065 |
| **Price** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| FOB Price N. Europe | 2,290 | 2,069 | 2,132 | 2,233 | 2,245 | 2,243 | 2,282 | 2,303 | 2,318 | 2,339 | 2,344 |

* Total net exports are the sum of all positive net exports and negative net imports.

## U.S. Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 9,033 | 9,107 | 9,085 | 9,016 | 8,964 | 8,942 | 8,924 | 8,909 | 8,894 | 8,882 | 8,875 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 8,862 | 9,033 | 9,165 | 9,306 | 9,455 | 9,592 | 9,730 | 9,864 | 9,996 | 10,129 | 10,261 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 80,055 | 82,263 | 83,261 | 83,896 | 84,759 | 85,778 | 86,829 | 87,874 | 88,906 | 89,961 | 91,065 |
| Fluid Milk Consumption | 27,450 | 27,778 | 27,781 | 27,689 | 27,675 | 27,720 | 27,699 | 27,647 | 27,590 | 27,551 | 27,553 |
| Other Disappearance | 52,605 | 54,485 | 55,480 | 56,207 | 57,083 | 58,057 | 59,130 | 60,227 | 61,316 | 62,410 | 63,511 |
| **Butter** | | | | | | | | | | | |
| Production | 606 | 618 | 627 | 630 | 636 | 642 | 644 | 647 | 650 | 652 | 653 |
| Total Supply | 626 | 640 | 649 | 651 | 655 | 661 | 665 | 668 | 671 | 673 | 674 |
| Consumption | 619 | 633 | 643 | 648 | 653 | 660 | 665 | 669 | 673 | 677 | 679 |
| Net Exports | -15 | -15 | -15 | -16 | -18 | -19 | -20 | -22 | -23 | -24 | -26 |
| Ending Stocks | 22 | 21 | 20 | 19 | 19 | 21 | 21 | 21 | 21 | 21 | 21 |
| Shipments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 626 | 640 | 649 | 651 | 655 | 661 | 665 | 668 | 671 | 673 | 674 |
| **Cheese** | | | | | | | | | | | |
| Production | 4,129 | 4,287 | 4,353 | 4,410 | 4,478 | 4,554 | 4,623 | 4,690 | 4,757 | 4,825 | 4,897 |
| Total Supply | 4,451 | 4,613 | 4,695 | 4,755 | 4,826 | 4,908 | 4,983 | 5,055 | 5,128 | 5,201 | 5,278 |
| Consumption | 4,245 | 4,393 | 4,474 | 4,532 | 4,600 | 4,678 | 4,749 | 4,818 | 4,887 | 4,957 | 5,031 |
| Net Exports | -120 | -122 | -124 | -126 | -128 | -130 | -131 | -133 | -135 | -137 | -139 |
| Ending Stocks | 326 | 342 | 345 | 348 | 353 | 360 | 365 | 371 | 376 | 381 | 386 |
| Shipments | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| Total Use | 4,451 | 4,613 | 4,695 | 4,755 | 4,826 | 4,908 | 4,983 | 5,055 | 5,128 | 5,201 | 5,278 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 540 | 600 | 651 | 685 | 723 | 760 | 811 | 864 | 916 | 968 | 1,020 |
| Total Supply | 772 | 675 | 698 | 734 | 772 | 809 | 861 | 916 | 969 | 1,023 | 1,076 |
| Consumption | 351 | 364 | 377 | 382 | 390 | 400 | 409 | 419 | 429 | 440 | 452 |
| Net Exports | 301 | 264 | 273 | 303 | 332 | 359 | 400 | 443 | 485 | 526 | 567 |
| Shipments | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feed, Waste | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ending Stocks | 74 | 47 | 48 | 49 | 49 | 50 | 52 | 53 | 55 | 56 | 58 |
| Total Use | 772 | 675 | 698 | 734 | 772 | 809 | 861 | 916 | 969 | 1,023 | 1,076 |
| **Prices** | | | | | (U.S. Dollars per Metric Ton) | | | | | | |
| All Milk | 334 | 295 | 292 | 297 | 301 | 301 | 301 | 302 | 302 | 303 | 305 |
| Butter Wholesale | 3,415 | 3,045 | 2,853 | 2,897 | 2,943 | 2,907 | 2,907 | 2,905 | 2,920 | 2,958 | 2,983 |
| Cheese Wholesale | 3,291 | 2,904 | 2,882 | 2,929 | 2,972 | 2,980 | 2,988 | 2,992 | 2,995 | 3,008 | 3,027 |
| Nonfat Dry Milk Wholesale | 2,186 | 1,965 | 2,021 | 2,079 | 2,107 | 2,109 | 2,118 | 2,123 | 2,124 | 2,123 | 2,123 |

## Argentine Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 2,100 | 2,149 | 2,197 | 2,246 | 2,294 | 2,343 | 2,394 | 2,448 | 2,503 | 2,560 | 2,618 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 4,690 | 4,790 | 4,855 | 4,910 | 4,975 | 5,040 | 5,105 | 5,170 | 5,235 | 5,300 | 5,365 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 9,850 | 10,296 | 10,666 | 11,029 | 11,415 | 11,808 | 12,221 | 12,656 | 13,107 | 13,572 | 14,048 |
| Fluid Milk Consumption | 1,900 | 2,001 | 2,068 | 2,141 | 2,216 | 2,292 | 2,366 | 2,442 | 2,520 | 2,599 | 2,682 |
| Manufacturing Use | 7,944 | 8,291 | 8,593 | 8,882 | 9,194 | 9,512 | 9,851 | 10,210 | 10,582 | 10,967 | 11,361 |
| **Butter** | | | | | | | | | | | |
| Production | 48 | 50 | 51 | 53 | 55 | 58 | 60 | 62 | 64 | 66 | 69 |
| Total Supply | 50 | 52 | 53 | 55 | 57 | 60 | 62 | 64 | 66 | 68 | 71 |
| Consumption | 44 | 45 | 46 | 48 | 50 | 52 | 53 | 55 | 57 | 58 | 60 |
| Net Exports | 3 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 |
| Ending Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Use | 50 | 52 | 53 | 55 | 57 | 60 | 62 | 64 | 66 | 68 | 71 |
| **Cheese** | | | | | | | | | | | |
| Production | 400 | 426 | 438 | 456 | 477 | 501 | 527 | 554 | 582 | 610 | 639 |
| Total Supply | 423 | 456 | 472 | 490 | 511 | 535 | 561 | 588 | 616 | 644 | 673 |
| Consumption | 350 | 358 | 372 | 389 | 409 | 428 | 445 | 462 | 481 | 500 | 519 |
| Net Exports | 43 | 63 | 66 | 67 | 68 | 73 | 82 | 92 | 101 | 110 | 119 |
| Ending Stocks | 30 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| Total Use | 423 | 456 | 472 | 490 | 511 | 535 | 561 | 588 | 616 | 644 | 673 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 40 | 42 | 45 | 48 | 50 | 53 | 55 | 58 | 61 | 64 | 67 |
| Total Supply | 44 | 44 | 47 | 50 | 52 | 55 | 57 | 60 | 63 | 66 | 69 |
| Consumption | 20 | 20 | 20 | 21 | 22 | 23 | 23 | 24 | 25 | 25 | 26 |
| Net Exports | 22 | 22 | 25 | 26 | 28 | 30 | 32 | 34 | 36 | 39 | 41 |
| Ending Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Use | 44 | 44 | 47 | 50 | 52 | 55 | 57 | 60 | 63 | 66 | 69 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 270 | 270 | 284 | 293 | 301 | 305 | 311 | 317 | 323 | 331 | 338 |
| Total Supply | 295 | 294 | 303 | 312 | 320 | 324 | 330 | 336 | 342 | 350 | 357 |
| Consumption | 90 | 90 | 94 | 97 | 101 | 105 | 108 | 112 | 115 | 118 | 122 |
| Net Exports | 181 | 185 | 189 | 195 | 200 | 200 | 202 | 205 | 208 | 212 | 216 |
| Ending Stocks | 24 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Total Use | 295 | 294 | 303 | 312 | 320 | 324 | 330 | 336 | 342 | 350 | 357 |

## Australian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 2,043 | 2,050 | 2,056 | 2,072 | 2,096 | 2,122 | 2,151 | 2,182 | 2,215 | 2,249 | 2,284 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 5,183 | 5,309 | 5,383 | 5,462 | 5,535 | 5,609 | 5,686 | 5,763 | 5,840 | 5,917 | 5,993 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 10,589 | 10,885 | 11,068 | 11,316 | 11,602 | 11,904 | 12,228 | 12,573 | 12,933 | 13,307 | 13,690 |
| Fluid Milk Consumption | 2,092 | 2,117 | 2,132 | 2,145 | 2,167 | 2,180 | 2,193 | 2,205 | 2,217 | 2,229 | 2,241 |
| Manufacturing Use | 8,412 | 8,685 | 8,853 | 9,088 | 9,353 | 9,641 | 9,953 | 10,285 | 10,633 | 10,995 | 11,366 |
| **Butter** | | | | | | | | | | | |
| Production | 131 | 139 | 141 | 142 | 146 | 151 | 155 | 158 | 162 | 166 | 171 |
| Total Supply | 136 | 141 | 146 | 149 | 154 | 159 | 163 | 166 | 169 | 173 | 177 |
| Consumption | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 60 | 60 | 60 |
| Net Exports | 75 | 77 | 81 | 82 | 87 | 91 | 96 | 99 | 103 | 107 | 111 |
| Ending Stocks | 2 | 5 | 7 | 8 | 8 | 8 | 8 | 7 | 7 | 6 | 6 |
| Total Use | 136 | 141 | 146 | 149 | 154 | 159 | 163 | 166 | 169 | 173 | 177 |
| **Cheese** | | | | | | | | | | | |
| Production | 386 | 406 | 422 | 438 | 455 | 475 | 495 | 515 | 535 | 554 | 574 |
| Total Supply | 424 | 429 | 439 | 457 | 473 | 492 | 511 | 530 | 548 | 567 | 585 |
| Consumption | 225 | 222 | 227 | 231 | 236 | 241 | 245 | 249 | 253 | 257 | 262 |
| Net Exports | 176 | 190 | 193 | 209 | 220 | 235 | 251 | 268 | 283 | 298 | 313 |
| Ending Stocks | 23 | 17 | 19 | 17 | 17 | 16 | 15 | 13 | 12 | 11 | 10 |
| Total Use | 424 | 429 | 439 | 457 | 473 | 492 | 511 | 530 | 548 | 567 | 585 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 190 | 203 | 205 | 200 | 201 | 204 | 205 | 204 | 206 | 206 | 208 |
| Total Supply | 194 | 207 | 212 | 208 | 206 | 207 | 210 | 210 | 210 | 210 | 210 |
| Consumption | 20 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 | 20 |
| Net Exports | 170 | 179 | 182 | 182 | 183 | 182 | 184 | 186 | 187 | 188 | 190 |
| Ending Stocks | 5 | 7 | 9 | 5 | 3 | 4 | 5 | 4 | 3 | 2 | 1 |
| Total Use | 194 | 207 | 212 | 208 | 206 | 207 | 210 | 210 | 210 | 210 | 210 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 191 | 206 | 219 | 236 | 252 | 269 | 289 | 308 | 329 | 351 | 372 |
| Total Supply | 227 | 249 | 262 | 279 | 295 | 312 | 332 | 351 | 372 | 394 | 415 |
| Consumption | 26 | 27 | 28 | 28 | 29 | 29 | 30 | 30 | 31 | 31 | 32 |
| Net Exports | 158 | 179 | 191 | 208 | 223 | 240 | 259 | 278 | 298 | 319 | 340 |
| Ending Stocks | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| Total Use | 227 | 249 | 262 | 279 | 295 | 312 | 332 | 351 | 372 | 394 | 415 |
| **Milk Farm Prices** | | | | | (Australian Cents per Hectoliter) | | | | | | |
| Fluid Milk Average | 32 | 29 | 29 | 30 | 29 | 29 | 30 | 30 | 30 | 31 | 31 |
| Retail Milk | 175 | 162 | 162 | 165 | 153 | 153 | 155 | 156 | 157 | 158 | 158 |
| **Export Prices** | | | | | (Australian Dollars per Metric Ton) | | | | | | |
| Butter | 2,870 | 2,480 | 2,493 | 2,536 | 2,514 | 2,520 | 2,565 | 2,608 | 2,646 | 2,684 | 2,713 |
| Cheese | 3,832 | 3,377 | 3,368 | 3,434 | 3,420 | 3,418 | 3,470 | 3,518 | 3,551 | 3,581 | 3,599 |
| NFD | 3,025 | 2,745 | 2,749 | 2,788 | 2,805 | 2,799 | 2,812 | 2,823 | 2,828 | 2,830 | 2,835 |
| WMP | 3,079 | 2,813 | 2,818 | 2,895 | 2,889 | 2,877 | 2,918 | 2,942 | 2,958 | 2,983 | 2,989 |

## Brazilian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 15,100 | 15,050 | 14,982 | 14,870 | 14,749 | 14,616 | 14,489 | 14,386 | 14,308 | 14,247 | 14,200 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,591 | 1,640 | 1,700 | 1,762 | 1,823 | 1,886 | 1,949 | 2,012 | 2,075 | 2,139 | 2,202 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 24,025 | 24,675 | 25,472 | 26,199 | 26,893 | 27,560 | 28,235 | 28,947 | 29,696 | 30,472 | 31,271 |
| Fluid Milk Consumption | 13,175 | 13,318 | 13,635 | 13,935 | 14,288 | 14,642 | 15,000 | 15,362 | 15,737 | 16,117 | 16,510 |
| Manufacturing Use | 10,700 | 11,206 | 11,688 | 12,115 | 12,457 | 12,772 | 13,090 | 13,440 | 13,817 | 14,212 | 14,620 |
| **Butter** | | | | | | | | | | | |
| Production | 77 | 78 | 80 | 83 | 83 | 83 | 84 | 84 | 85 | 86 | 86 |
| Total Supply | 77 | 78 | 80 | 83 | 83 | 83 | 84 | 84 | 85 | 86 | 86 |
| Consumption | 77 | 78 | 79 | 81 | 82 | 83 | 85 | 86 | 88 | 89 | 91 |
| Net Exports | 0 | -1 | 1 | 2 | 1 | 0 | -1 | -2 | -3 | -3 | -4 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 77 | 78 | 80 | 83 | 83 | 83 | 84 | 84 | 85 | 86 | 86 |
| **Cheese** | | | | | | | | | | | |
| Production | 480 | 493 | 502 | 511 | 518 | 524 | 531 | 539 | 546 | 555 | 563 |
| Total Supply | 480 | 493 | 502 | 511 | 518 | 524 | 531 | 539 | 546 | 555 | 563 |
| Consumption | 476 | 490 | 498 | 506 | 516 | 526 | 537 | 547 | 559 | 570 | 582 |
| Net Exports | 4 | 3 | 4 | 5 | 2 | -2 | -6 | -9 | -12 | -16 | -19 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 480 | 493 | 502 | 511 | 518 | 524 | 531 | 539 | 546 | 555 | 563 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 113 | 118 | 120 | 123 | 126 | 129 | 131 | 134 | 138 | 142 | 147 |
| Total Supply | 113 | 118 | 120 | 123 | 126 | 129 | 131 | 134 | 138 | 142 | 147 |
| Consumption | 115 | 118 | 121 | 124 | 128 | 131 | 135 | 139 | 143 | 148 | 152 |
| Net Exports | -2 | -1 | -1 | -1 | -1 | -3 | -4 | -5 | -6 | -5 | -5 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 113 | 118 | 120 | 123 | 126 | 129 | 131 | 134 | 138 | 142 | 147 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 440 | 460 | 472 | 483 | 492 | 500 | 509 | 518 | 527 | 538 | 548 |
| Total Supply | 451 | 471 | 480 | 491 | 500 | 508 | 517 | 526 | 535 | 546 | 556 |
| Consumption | 443 | 451 | 469 | 478 | 489 | 501 | 513 | 526 | 540 | 553 | 567 |
| Net Exports | -3 | 12 | 3 | 5 | 3 | -1 | -5 | -9 | -12 | -15 | -19 |
| Ending Stocks | 11 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Total Use | 451 | 471 | 480 | 491 | 500 | 508 | 517 | 526 | 535 | 546 | 556 |

## Bulgarian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 398 | 406 | 409 | 407 | 403 | 400 | 398 | 396 | 394 | 393 | 391 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 3,334 | 3,353 | 3,372 | 3,392 | 3,412 | 3,432 | 3,452 | 3,472 | 3,492 | 3,512 | 3,532 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 1,325 | 1,361 | 1,380 | 1,381 | 1,376 | 1,373 | 1,373 | 1,374 | 1,376 | 1,378 | 1,383 |
| Fluid Milk Consumption | 947 | 950 | 942 | 930 | 914 | 904 | 897 | 892 | 887 | 882 | 877 |
| Manufacturing Use | 419 | 452 | 479 | 492 | 505 | 513 | 521 | 529 | 537 | 546 | 556 |
| **Butter** | | | | | | | | | | | |
| Production | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Supply | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Consumption | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Net Exports | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| **Cheese** | | | | | | | | | | | |
| Production | 48 | 54 | 58 | 60 | 62 | 63 | 64 | 65 | 66 | 67 | 69 |
| Total Supply | 48 | 54 | 58 | 60 | 62 | 63 | 64 | 65 | 66 | 67 | 69 |
| Consumption | 36 | 39 | 42 | 44 | 44 | 45 | 45 | 46 | 47 | 49 | 50 |
| Net Exports | 12 | 15 | 16 | 16 | 18 | 18 | 18 | 19 | 19 | 19 | 19 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 48 | 54 | 58 | 60 | 62 | 63 | 64 | 65 | 66 | 67 | 69 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Supply | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Consumption | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Net Exports | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 | -2 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

## Canadian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 1,065 | 1,048 | 1,033 | 1,020 | 1,008 | 996 | 984 | 972 | 960 | 949 | 938 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 7,324 | 7,398 | 7,511 | 7,623 | 7,735 | 7,848 | 7,961 | 8,075 | 8,188 | 8,302 | 8,416 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 7,800 | 7,753 | 7,762 | 7,779 | 7,796 | 7,815 | 7,831 | 7,848 | 7,863 | 7,878 | 7,894 |
| Fluid Milk Consumption | 2,835 | 2,798 | 2,801 | 2,807 | 2,812 | 2,818 | 2,822 | 2,827 | 2,830 | 2,834 | 2,837 |
| Manufacturing Use | 4,503 | 4,500 | 4,513 | 4,529 | 4,547 | 4,565 | 4,582 | 4,600 | 4,616 | 4,633 | 4,650 |
| **Butter** | | | | | | | | | | | |
| Production | 88 | 90 | 91 | 93 | 94 | 95 | 96 | 97 | 98 | 98 | 99 |
| Total Supply | 102 | 101 | 101 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| Consumption | 98 | 99 | 101 | 102 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| Net Exports | -7 | -8 | -10 | -10 | -10 | -10 | -10 | -10 | -11 | -11 | -11 |
| Ending Stocks | 11 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 |
| Total Use | 102 | 101 | 101 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 |
| **Cheese** | | | | | | | | | | | |
| Production | 307 | 308 | 312 | 317 | 322 | 326 | 331 | 336 | 340 | 345 | 350 |
| Total Supply | 366 | 365 | 369 | 374 | 379 | 384 | 389 | 394 | 399 | 404 | 409 |
| Consumption | 326 | 327 | 331 | 335 | 339 | 344 | 348 | 352 | 356 | 360 | 364 |
| Net Exports | -17 | -19 | -19 | -18 | -18 | -18 | -17 | -17 | -16 | -15 | -14 |
| Ending Stocks | 57 | 57 | 57 | 58 | 58 | 58 | 59 | 59 | 59 | 59 | 60 |
| Total Use | 366 | 365 | 369 | 374 | 379 | 384 | 389 | 394 | 399 | 404 | 409 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 74 | 70 | 69 | 71 | 71 | 71 | 70 | 70 | 69 | 69 | 69 |
| Total Supply | 115 | 106 | 105 | 96 | 91 | 91 | 89 | 89 | 89 | 88 | 88 |
| Consumption | 79 | 73 | 72 | 71 | 70 | 69 | 68 | 67 | 65 | 64 | 63 |
| Net Exports | 0 | -3 | 7 | 6 | 0 | 3 | 2 | 3 | 4 | 5 | 5 |
| Ending Stocks | 36 | 36 | 26 | 19 | 20 | 18 | 19 | 19 | 19 | 20 | 20 |
| Total Use | 115 | 106 | 105 | 96 | 91 | 91 | 89 | 89 | 89 | 88 | 88 |
| **Prices** | | | | | (Canadian Dollars per Hectoliter) | | | | | | |
| Industrial Milk, Target | 63.27 | 63.66 | 64.04 | 64.43 | 64.81 | 65.20 | 65.60 | 65.99 | 66.42 | 66.85 | 67.28 |
| Fluid Milk | 70.69 | 71.04 | 71.39 | 71.74 | 72.10 | 72.46 | 72.82 | 73.18 | 73.57 | 73.96 | 74.35 |
| | | | | | (Canadian Dollars per Kilogram) | | | | | | |
| Butter Support | 6.34 | 6.39 | 6.43 | 6.47 | 6.52 | 6.57 | 6.61 | 6.66 | 6.70 | 6.75 | 6.80 |
| NFD Support | 5.42 | 5.45 | 5.47 | 5.50 | 5.53 | 5.56 | 5.58 | 5.61 | 5.64 | 5.67 | 5.70 |

## Chinese Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 8,879 | 9,941 | 10,673 | 11,226 | 11,657 | 11,985 | 12,239 | 12,447 | 12,621 | 12,768 | 12,895 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 2,630 | 2,736 | 2,824 | 2,914 | 3,003 | 3,091 | 3,182 | 3,272 | 3,362 | 3,453 | 3,543 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 23,348 | 27,198 | 30,142 | 32,716 | 35,001 | 37,050 | 38,941 | 40,730 | 42,438 | 44,085 | 45,686 |
| Fluid Milk Consumption | 9,917 | 10,874 | 11,622 | 12,389 | 13,250 | 13,845 | 14,380 | 14,911 | 15,443 | 15,979 | 16,474 |
| Manufacturing Use | 16,455 | 19,188 | 21,272 | 22,983 | 24,327 | 25,716 | 27,017 | 28,226 | 29,358 | 30,430 | 31,500 |
| **Butter** | | | | | | | | | | | |
| Production | 91 | 94 | 96 | 98 | 100 | 103 | 105 | 107 | 109 | 111 | 113 |
| Total Supply | 91 | 94 | 96 | 98 | 100 | 103 | 105 | 107 | 109 | 111 | 113 |
| Consumption | 113 | 119 | 123 | 126 | 131 | 134 | 138 | 141 | 144 | 148 | 149 |
| Net Exports | -22 | -26 | -27 | -28 | -30 | -32 | -33 | -34 | -35 | -36 | -36 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 91 | 94 | 96 | 98 | 100 | 103 | 105 | 107 | 109 | 111 | 113 |
| **Cheese** | | | | | | | | | | | |
| Production | 236 | 237 | 240 | 238 | 239 | 241 | 243 | 246 | 250 | 254 | 257 |
| Total Supply | 236 | 237 | 240 | 238 | 239 | 241 | 243 | 246 | 250 | 254 | 257 |
| Consumption | 258 | 267 | 272 | 277 | 285 | 292 | 299 | 306 | 313 | 320 | 325 |
| Net Exports | -22 | -30 | -32 | -39 | -45 | -51 | -55 | -60 | -63 | -66 | -68 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 236 | 237 | 240 | 238 | 239 | 241 | 243 | 246 | 250 | 254 | 257 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 60 | 56 | 60 | 64 | 68 | 72 | 76 | 80 | 84 | 88 | 90 |
| Total Supply | 60 | 56 | 60 | 64 | 68 | 72 | 76 | 80 | 84 | 88 | 90 |
| Consumption | 115 | 111 | 116 | 121 | 126 | 131 | 136 | 141 | 146 | 151 | 155 |
| Net Exports | -55 | -54 | -56 | -57 | -57 | -58 | -59 | -61 | -62 | -63 | -65 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 60 | 56 | 60 | 64 | 68 | 72 | 76 | 80 | 84 | 88 | 90 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 918 | 1,003 | 1,034 | 1,072 | 1,112 | 1,152 | 1,186 | 1,234 | 1,292 | 1,341 | 1,360 |
| Total Supply | 918 | 1,003 | 1,034 | 1,072 | 1,112 | 1,152 | 1,186 | 1,234 | 1,292 | 1,341 | 1,360 |
| Consumption | 956 | 1,021 | 1,062 | 1,103 | 1,145 | 1,188 | 1,232 | 1,277 | 1,323 | 1,367 | 1,373 |
| Net Exports | -38 | -19 | -28 | -32 | -33 | -37 | -47 | -43 | -31 | -25 | -13 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 918 | 1,003 | 1,034 | 1,072 | 1,112 | 1,152 | 1,186 | 1,234 | 1,292 | 1,341 | 1,360 |

## Colombian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 5,885 | 5,956 | 5,986 | 6,026 | 6,075 | 6,125 | 6,176 | 6,231 | 6,289 | 6,348 | 6,409 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,054 | 1,060 | 1,061 | 1,065 | 1,070 | 1,074 | 1,078 | 1,082 | 1,086 | 1,090 | 1,094 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 6,205 | 6,313 | 6,353 | 6,419 | 6,499 | 6,576 | 6,655 | 6,740 | 6,829 | 6,920 | 7,013 |
| Fluid Milk Consumption | 4,003 | 4,080 | 4,149 | 4,217 | 4,302 | 4,389 | 4,475 | 4,567 | 4,664 | 4,763 | 4,866 |
| Manufacturing Use | 1,536 | 1,544 | 1,523 | 1,528 | 1,523 | 1,511 | 1,503 | 1,493 | 1,480 | 1,467 | 1,451 |
| **Butter** | | | | | | | | | | | |
| Production | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 |
| Total Supply | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 |
| Consumption | 20 | 21 | 21 | 21 | 22 | 22 | 23 | 23 | 24 | 24 | 25 |
| Net Exports | 0 | -1 | -1 | -2 | -2 | -3 | -3 | -4 | -4 | -5 | -6 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 19 |
| **Cheese** | | | | | | | | | | | |
| Production | 56 | 56 | 56 | 56 | 56 | 55 | 55 | 55 | 55 | 55 | 55 |
| Total Supply | 61 | 61 | 61 | 61 | 61 | 60 | 60 | 60 | 60 | 60 | 60 |
| Consumption | 55 | 57 | 58 | 59 | 60 | 61 | 62 | 64 | 65 | 66 | 68 |
| Net Exports | 1 | -1 | -2 | -3 | -4 | -6 | -7 | -8 | -10 | -11 | -13 |
| Ending Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total Use | 61 | 61 | 61 | 61 | 61 | 60 | 60 | 60 | 60 | 60 | 60 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Total Supply | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Consumption | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 10 |
| Net Exports | 0 | 0 | 0 | 0 | -1 | -1 | -1 | -1 | -1 | -1 | -1 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 89 | 91 | 89 | 90 | 89 | 88 | 87 | 86 | 85 | 84 | 82 |
| Total Supply | 96 | 101 | 99 | 100 | 99 | 98 | 97 | 96 | 95 | 94 | 92 |
| Consumption | 63 | 65 | 66 | 67 | 68 | 70 | 72 | 74 | 76 | 79 | 81 |
| Net Exports | 27 | 24 | 23 | 23 | 21 | 18 | 15 | 12 | 9 | 5 | 1 |
| Ending Stocks | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Total Use | 96 | 97 | 97 | 98 | 97 | 96 | 95 | 94 | 93 | 92 | 90 |

## Egyptian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 2,082 | 2,105 | 2,122 | 2,136 | 2,145 | 2,153 | 2,159 | 2,163 | 2,166 | 2,168 | 2,169 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,279 | 1,289 | 1,312 | 1,337 | 1,361 | 1,385 | 1,411 | 1,437 | 1,463 | 1,489 | 1,514 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 2,662 | 2,713 | 2,785 | 2,856 | 2,920 | 2,982 | 3,045 | 3,108 | 3,168 | 3,227 | 3,285 |
| Fluid Milk Consumption | 1,191 | 1,201 | 1,258 | 1,290 | 1,331 | 1,379 | 1,421 | 1,458 | 1,497 | 1,537 | 1,579 |
| Manufacturing Use | 3,929 | 3,989 | 4,021 | 4,075 | 4,108 | 4,126 | 4,148 | 4,175 | 4,195 | 4,214 | 4,229 |
| **Butter** | | | | | | | | | | | |
| Production | 116 | 117 | 119 | 121 | 123 | 125 | 127 | 129 | 131 | 133 | 135 |
| Total Supply | 116 | 117 | 119 | 121 | 123 | 125 | 127 | 129 | 131 | 133 | 135 |
| Consumption | 136 | 140 | 144 | 148 | 152 | 157 | 161 | 166 | 170 | 175 | 179 |
| Net Exports | -20 | -23 | -25 | -27 | -30 | -32 | -34 | -37 | -40 | -42 | -45 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 116 | 117 | 119 | 121 | 123 | 125 | 127 | 129 | 131 | 133 | 135 |
| **Cheese** | | | | | | | | | | | |
| Production | 654 | 667 | 682 | 695 | 711 | 728 | 744 | 758 | 774 | 789 | 805 |
| Total Supply | 654 | 667 | 682 | 695 | 711 | 728 | 744 | 758 | 774 | 789 | 805 |
| Consumption | 661 | 674 | 688 | 702 | 719 | 736 | 753 | 768 | 783 | 799 | 816 |
| Net Exports | -7 | -7 | -7 | -7 | -7 | -8 | -9 | -9 | -10 | -10 | -11 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 654 | 667 | 682 | 695 | 711 | 728 | 744 | 758 | 774 | 789 | 805 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 19 | 20 | 20 | 20 | 21 | 22 | 22 | 23 | 23 | 24 | 24 |
| Net Exports | -19 | -20 | -20 | -20 | -21 | -22 | -22 | -23 | -23 | -24 | -24 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 5 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 |
| Net Exports | -5 | -6 | -6 | -6 | -6 | -7 | -7 | -7 | -7 | -8 | -8 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## European Union Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 23,520 | 23,016 | 22,760 | 22,547 | 22,287 | 22,043 | 21,782 | 21,504 | 21,250 | 21,053 | 20,812 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 6,069 | 6,175 | 6,260 | 6,326 | 6,398 | 6,478 | 6,560 | 6,642 | 6,727 | 6,800 | 6,879 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 142,736 | 142,118 | 142,487 | 142,633 | 142,589 | 142,781 | 142,887 | 142,827 | 142,957 | 143,162 | 143,158 |
| Fluid Milk Consumption | 37,038 | 36,754 | 36,627 | 36,467 | 36,351 | 36,278 | 36,210 | 36,152 | 36,066 | 35,981 | 35,890 |
| Manufacturing Use | 102,259 | 102,445 | 103,061 | 103,396 | 103,540 | 103,900 | 104,155 | 104,244 | 104,543 | 104,914 | 105,079 |
| **Butter** | | | | | | | | | | | |
| Production | 2,114 | 2,097 | 2,098 | 2,093 | 2,089 | 2,084 | 2,081 | 2,079 | 2,076 | 2,067 | 2,050 |
| Total Supply | 2,346 | 2,316 | 2,298 | 2,277 | 2,256 | 2,234 | 2,216 | 2,205 | 2,195 | 2,183 | 2,161 |
| Consumption | 1,918 | 1,897 | 1,897 | 1,895 | 1,888 | 1,881 | 1,875 | 1,870 | 1,865 | 1,860 | 1,854 |
| Net Exports | 209 | 219 | 218 | 215 | 218 | 218 | 216 | 216 | 214 | 212 | 210 |
| Ending Stocks | 219 | 200 | 184 | 166 | 150 | 135 | 126 | 120 | 116 | 111 | 97 |
| Total Use | 2,346 | 2,316 | 2,298 | 2,277 | 2,256 | 2,234 | 2,216 | 2,205 | 2,195 | 2,183 | 2,161 |
| **Cheese** | | | | | | | | | | | |
| Production | 8,400 | 8,462 | 8,549 | 8,620 | 8,675 | 8,748 | 8,817 | 8,888 | 8,963 | 9,039 | 9,109 |
| Total Supply | 8,532 | 8,594 | 8,684 | 8,758 | 8,815 | 8,887 | 8,957 | 9,028 | 9,104 | 9,180 | 9,250 |
| Consumption | 7,835 | 7,940 | 8,048 | 8,128 | 8,174 | 8,234 | 8,296 | 8,362 | 8,431 | 8,499 | 8,564 |
| Net Exports | 565 | 518 | 498 | 491 | 501 | 514 | 521 | 526 | 531 | 540 | 545 |
| Ending Stocks | 132 | 136 | 138 | 139 | 139 | 139 | 140 | 140 | 141 | 141 | 142 |
| Total Use | 8,532 | 8,594 | 8,684 | 8,758 | 8,815 | 8,887 | 8,957 | 9,028 | 9,104 | 9,180 | 9,250 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 1,263 | 1,260 | 1,264 | 1,258 | 1,253 | 1,253 | 1,250 | 1,245 | 1,241 | 1,238 | 1,233 |
| Total Supply | 1,345 | 1,278 | 1,264 | 1,258 | 1,253 | 1,253 | 1,250 | 1,245 | 1,241 | 1,238 | 1,233 |
| Consumption | 984 | 971 | 973 | 972 | 964 | 960 | 957 | 952 | 949 | 947 | 942 |
| Net Exports | 343 | 306 | 291 | 286 | 290 | 293 | 293 | 293 | 292 | 291 | 292 |
| Ending Stocks | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1,345 | 1,278 | 1,264 | 1,258 | 1,253 | 1,253 | 1,250 | 1,245 | 1,241 | 1,238 | 1,233 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 906 | 862 | 843 | 835 | 837 | 838 | 836 | 829 | 824 | 821 | 816 |
| Total Supply | 906 | 862 | 843 | 835 | 837 | 838 | 836 | 829 | 824 | 821 | 816 |
| Consumption | 212 | 211 | 211 | 209 | 204 | 200 | 197 | 195 | 192 | 190 | 188 |
| Net Exports | 694 | 651 | 631 | 626 | 633 | 638 | 639 | 634 | 631 | 631 | 628 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 906 | 862 | 843 | 835 | 837 | 838 | 836 | 829 | 824 | 821 | 816 |
| **Prices** | | | | | (Euros per 100 Kilograms) | | | | | | |
| Milk Target | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Milk Producer | 27.49 | 26.68 | 25.59 | 25.26 | 25.89 | 26.09 | 26.21 | 26.09 | 25.83 | 25.51 | 25.20 |
| Butter Domestic | 290 | 281 | 267 | 262 | 262 | 262 | 261 | 259 | 254 | 251 | 247 |
| Cheese Domestic | 406 | 391 | 375 | 370 | 381 | 384 | 386 | 385 | 382 | 376 | 372 |
| NFD Domestic | 195 | 197 | 189 | 186 | 193 | 194 | 195 | 193 | 190 | 186 | 182 |
| WMP Domestic | 240 | 230 | 218 | 216 | 226 | 231 | 234 | 234 | 233 | 232 | 230 |
| Butter Intervention | 294 | 271 | 253 | 246 | 246 | 246 | 246 | 246 | 246 | 246 | 246 |
| NFD Intervention | 191 | 180 | 177 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |

## Indian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 37,750 | 38,377 | 39,023 | 39,560 | 40,036 | 40,464 | 40,866 | 41,265 | 41,668 | 42,073 | 42,481 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,013 | 1,017 | 1,031 | 1,035 | 1,039 | 1,043 | 1,047 | 1,052 | 1,058 | 1,063 | 1,068 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 38,250 | 39,024 | 40,229 | 40,931 | 41,594 | 42,206 | 42,806 | 43,429 | 44,076 | 44,723 | 45,383 |
| Buffalo Milk Production | 52,750 | 56,128 | 58,429 | 60,755 | 63,107 | 65,484 | 67,887 | 70,316 | 72,770 | 75,250 | 77,756 |
| Total Milk Production | 91,000 | 95,152 | 98,658 | 101,686 | 104,701 | 107,690 | 110,694 | 113,745 | 116,846 | 119,973 | 123,138 |
| Fluid Milk Consumption | 37,750 | 39,397 | 40,645 | 41,578 | 42,545 | 43,521 | 44,508 | 45,508 | 46,521 | 47,543 | 48,571 |
| Manufacturing Use | 53,250 | 55,755 | 58,013 | 60,107 | 62,156 | 64,169 | 66,186 | 68,236 | 70,325 | 72,430 | 74,567 |
| **Butter** | | | | | | | | | | | |
| Production | 2,788 | 3,113 | 3,254 | 3,376 | 3,501 | 3,631 | 3,762 | 3,894 | 4,028 | 4,164 | 4,302 |
| Total Supply | 2,788 | 3,113 | 3,254 | 3,376 | 3,501 | 3,631 | 3,762 | 3,894 | 4,028 | 4,164 | 4,302 |
| Consumption | 2,786 | 3,100 | 3,232 | 3,348 | 3,476 | 3,609 | 3,739 | 3,874 | 4,012 | 4,153 | 4,297 |
| Net Exports | 2 | 12 | 21 | 28 | 26 | 22 | 23 | 20 | 15 | 12 | 5 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 2,788 | 3,113 | 3,254 | 3,376 | 3,501 | 3,631 | 3,762 | 3,894 | 4,028 | 4,164 | 4,302 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 261 | 292 | 309 | 326 | 343 | 361 | 380 | 399 | 419 | 439 | 460 |
| Total Supply | 273 | 310 | 330 | 347 | 364 | 382 | 400 | 420 | 439 | 460 | 481 |
| Consumption | 245 | 270 | 279 | 294 | 309 | 325 | 342 | 359 | 376 | 394 | 412 |
| Net Exports | 10 | 19 | 30 | 32 | 34 | 36 | 38 | 40 | 43 | 46 | 49 |
| Ending Stocks | 18 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| Total Use | 273 | 310 | 330 | 347 | 364 | 382 | 400 | 420 | 439 | 460 | 481 |

## Indonesian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 373 | 377 | 381 | 386 | 390 | 395 | 400 | 405 | 410 | 415 | 420 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,581 | 1,594 | 1,607 | 1,620 | 1,633 | 1,646 | 1,659 | 1,672 | 1,685 | 1,698 | 1,711 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 589 | 600 | 612 | 624 | 637 | 650 | 663 | 677 | 690 | 704 | 718 |
| Fluid Milk Consumption | 321 | 339 | 350 | 360 | 370 | 380 | 390 | 399 | 409 | 418 | 428 |
| Manufacturing Use | 522 | 522 | 528 | 536 | 545 | 554 | 563 | 573 | 584 | 594 | 604 |
| **Butter** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Consumption | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 14 |
| Net Exports | -11 | -11 | -11 | -12 | -12 | -12 | -13 | -13 | -14 | -14 | -14 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| **Cheese** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| Consumption | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 11 | 11 | 11 |
| Net Exports | -8 | -8 | -9 | -9 | -9 | -10 | -10 | -10 | -12 | -12 | -11 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 90 | 90 | 94 | 98 | 101 | 105 | 109 | 113 | 117 | 121 | 126 |
| Net Exports | -90 | -90 | -94 | -98 | -101 | -105 | -109 | -113 | -117 | -121 | -126 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 49 | 48 | 49 | 51 | 52 | 53 | 54 | 55 | 57 | 58 | 59 |
| Total Supply | 55 | 54 | 55 | 57 | 58 | 59 | 60 | 61 | 63 | 64 | 65 |
| Consumption | 68 | 72 | 75 | 78 | 81 | 84 | 87 | 90 | 93 | 97 | 100 |
| Net Exports | -19 | -24 | -26 | -28 | -30 | -32 | -33 | -35 | -37 | -39 | -41 |
| Ending Stocks | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total Use | 55 | 54 | 55 | 57 | 58 | 59 | 60 | 61 | 63 | 64 | 65 |

## Japanese Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 910 | 900 | 890 | 881 | 872 | 864 | 857 | 849 | 842 | 834 | 827 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 9,071 | 9,119 | 9,210 | 9,269 | 9,317 | 9,370 | 9,423 | 9,478 | 9,530 | 9,583 | 9,636 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 8,255 | 8,209 | 8,195 | 8,166 | 8,128 | 8,099 | 8,073 | 8,051 | 8,024 | 7,997 | 7,965 |
| Fluid Milk Consumption | 4,800 | 4,756 | 4,767 | 4,786 | 4,805 | 4,823 | 4,840 | 4,856 | 4,869 | 4,880 | 4,888 |
| Manufacturing Use | 3,370 | 3,369 | 3,345 | 3,298 | 3,241 | 3,195 | 3,153 | 3,116 | 3,076 | 3,039 | 3,000 |
| **Butter** | | | | | | | | | | | |
| Production | 80 | 79 | 78 | 78 | 77 | 76 | 75 | 74 | 73 | 73 | 72 |
| Total Supply | 103 | 104 | 103 | 103 | 102 | 101 | 100 | 99 | 98 | 98 | 97 |
| Consumption | 83 | 85 | 85 | 86 | 86 | 87 | 87 | 87 | 87 | 88 | 88 |
| Net Exports | -5 | -6 | -7 | -8 | -10 | -11 | -12 | -13 | -14 | -15 | -16 |
| Ending Stocks | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Total Use | 103 | 104 | 103 | 103 | 102 | 101 | 100 | 99 | 98 | 98 | 97 |
| **Cheese** | | | | | | | | | | | |
| Production | 37 | 40 | 41 | 42 | 42 | 42 | 43 | 45 | 46 | 48 | 49 |
| Total Supply | 52 | 55 | 56 | 57 | 57 | 57 | 58 | 60 | 61 | 63 | 64 |
| Consumption | 252 | 254 | 258 | 263 | 268 | 274 | 279 | 285 | 290 | 296 | 300 |
| Net Exports | -215 | -214 | -217 | -221 | -227 | -232 | -236 | -240 | -244 | -248 | -251 |
| Ending Stocks | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Total Use | 52 | 55 | 56 | 57 | 57 | 57 | 58 | 60 | 61 | 63 | 64 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 182 | 181 | 178 | 175 | 171 | 167 | 163 | 159 | 156 | 152 | 148 |
| Total Supply | 265 | 266 | 263 | 260 | 256 | 252 | 248 | 244 | 241 | 237 | 233 |
| Consumption | 205 | 201 | 197 | 195 | 193 | 191 | 189 | 187 | 185 | 183 | 181 |
| Net Exports | -25 | -20 | -19 | -21 | -23 | -24 | -26 | -28 | -30 | -31 | -32 |
| Ending Stocks | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Total Use | 265 | 266 | 263 | 260 | 256 | 252 | 248 | 244 | 241 | 237 | 233 |
| **Prices** | | | | | (Yen per Kilogram) | | | | | | |
| Milk Farm Price | 83 | 83 | 82 | 81 | 81 | 80 | 80 | 79 | 79 | 79 | 79 |
| Butter Wholesale | 978 | 963 | 940 | 927 | 917 | 910 | 907 | 906 | 908 | 910 | 912 |
| NFD Wholesale | 550 | 544 | 534 | 529 | 526 | 523 | 521 | 520 | 520 | 519 | 519 |
| Cheese Retail | 2,108 | 2,189 | 2,206 | 2,212 | 2,206 | 2,193 | 2,182 | 2,176 | 2,173 | 2,173 | 2,174 |

## Malaysian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 90 | 99 | 101 | 102 | 103 | 103 | 103 | 104 | 104 | 105 | 106 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 459 | 469 | 462 | 464 | 466 | 467 | 469 | 471 | 474 | 476 | 478 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 41 | 46 | 47 | 47 | 48 | 48 | 48 | 49 | 49 | 50 | 51 |
| Fluid Milk Consumption | 46 | 49 | 50 | 52 | 54 | 55 | 57 | 59 | 61 | 63 | 65 |
| Manufacturing Use | 7 | 9 | 8 | 7 | 8 | 7 | 6 | 5 | 4 | 3 | 3 |
| **Butter** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 14 |
| Net Exports | -9 | -10 | -10 | -11 | -11 | -12 | -12 | -12 | -13 | -13 | -14 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Cheese** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 10 |
| Net Exports | -6 | -7 | -7 | -8 | -8 | -8 | -9 | -9 | -9 | -10 | -10 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 49 | 55 | 57 | 59 | 60 | 62 | 64 | 66 | 68 | 70 | 72 |
| Net Exports | -49 | -55 | -57 | -59 | -60 | -62 | -64 | -66 | -68 | -70 | -72 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 86 | 91 | 94 | 98 | 102 | 106 | 110 | 114 | 119 | 123 | 128 |
| Net Exports | -86 | -91 | -94 | -98 | -102 | -106 | -110 | -114 | -119 | -123 | -128 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Mexican Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 2,200 | 2,200 | 2,197 | 2,195 | 2,192 | 2,191 | 2,190 | 2,191 | 2,192 | 2,193 | 2,195 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 4,574 | 4,674 | 4,702 | 4,769 | 4,842 | 4,903 | 4,965 | 5,033 | 5,103 | 5,169 | 5,236 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 10,063 | 10,284 | 10,331 | 10,469 | 10,614 | 10,743 | 10,875 | 11,028 | 11,185 | 11,337 | 11,495 |
| Fluid Milk Consumption | 4,468 | 4,612 | 4,684 | 4,758 | 4,879 | 5,004 | 5,116 | 5,221 | 5,352 | 5,485 | 5,623 |
| Manufacturing Use | 5,820 | 5,899 | 5,874 | 5,938 | 5,961 | 5,966 | 5,986 | 6,034 | 6,060 | 6,079 | 6,100 |
| **Butter** | | | | | | | | | | | |
| Production | 89 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 |
| Total Supply | 89 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 |
| Consumption | 144 | 147 | 150 | 153 | 155 | 158 | 161 | 164 | 167 | 171 | 175 |
| Net Exports | -55 | -56 | -57 | -59 | -60 | -62 | -64 | -66 | -68 | -71 | -74 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 89 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 |
| **Cheese** | | | | | | | | | | | |
| Production | 136 | 136 | 138 | 149 | 153 | 156 | 160 | 166 | 169 | 171 | 173 |
| Total Supply | 136 | 136 | 138 | 149 | 153 | 156 | 160 | 166 | 169 | 171 | 173 |
| Consumption | 219 | 221 | 228 | 233 | 237 | 241 | 246 | 253 | 257 | 263 | 269 |
| Net Exports | -83 | -85 | -90 | -84 | -84 | -86 | -86 | -86 | -88 | -92 | -96 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 136 | 136 | 138 | 149 | 153 | 156 | 160 | 166 | 169 | 171 | 173 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 18 | 23 | 25 | 26 | 28 | 30 | 31 | 32 | 33 | 34 | 36 |
| Total Supply | 43 | 48 | 50 | 51 | 53 | 55 | 56 | 57 | 58 | 59 | 61 |
| Consumption | 191 | 194 | 198 | 201 | 205 | 210 | 215 | 219 | 224 | 229 | 235 |
| Net Exports | -173 | -172 | -173 | -175 | -177 | -180 | -184 | -188 | -191 | -195 | -199 |
| Ending Stocks | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Total Use | 43 | 48 | 50 | 51 | 53 | 55 | 56 | 57 | 58 | 59 | 61 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 116 | 118 | 117 | 117 | 117 | 116 | 116 | 116 | 115 | 115 | 114 |
| Total Supply | 116 | 118 | 117 | 117 | 117 | 116 | 116 | 116 | 115 | 115 | 114 |
| Consumption | 146 | 146 | 149 | 152 | 155 | 158 | 161 | 164 | 167 | 170 | 173 |
| Net Exports | -29 | -29 | -33 | -35 | -38 | -42 | -45 | -48 | -51 | -55 | -58 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 116 | 118 | 117 | 117 | 117 | 116 | 116 | 116 | 115 | 115 | 114 |

## New Zealand Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 3,985 | 4,009 | 4,033 | 4,057 | 4,081 | 4,104 | 4,126 | 4,150 | 4,174 | 4,197 | 4,220 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 3,576 | 3,528 | 3,651 | 3,696 | 3,740 | 3,782 | 3,826 | 3,871 | 3,915 | 3,958 | 4,002 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 14,250 | 14,142 | 14,724 | 14,993 | 15,262 | 15,521 | 15,789 | 16,065 | 16,339 | 16,613 | 16,886 |
| Fluid Milk Consumption | 360 | 363 | 364 | 365 | 366 | 368 | 370 | 372 | 374 | 376 | 377 |
| Manufacturing Use | 13,793 | 13,682 | 14,262 | 14,530 | 14,797 | 15,053 | 15,319 | 15,593 | 15,865 | 16,137 | 16,408 |
| **Butter** | | | | | | | | | | | |
| Production | 338 | 336 | 335 | 339 | 342 | 346 | 350 | 355 | 360 | 364 | 369 |
| Total Supply | 373 | 385 | 384 | 388 | 391 | 395 | 399 | 404 | 409 | 413 | 418 |
| Consumption | 26 | 26 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Net Exports | 298 | 310 | 310 | 314 | 317 | 321 | 325 | 330 | 335 | 339 | 344 |
| Ending Stocks | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 49 |
| Total Use | 373 | 385 | 384 | 388 | 391 | 395 | 399 | 404 | 409 | 413 | 418 |
| **Cheese** | | | | | | | | | | | |
| Production | 298 | 284 | 328 | 338 | 350 | 361 | 372 | 383 | 395 | 406 | 417 |
| Total Supply | 330 | 315 | 359 | 369 | 381 | 392 | 403 | 414 | 426 | 437 | 448 |
| Consumption | 28 | 31 | 32 | 33 | 33 | 34 | 35 | 36 | 37 | 38 | 38 |
| Net Exports | 271 | 253 | 296 | 306 | 317 | 327 | 337 | 348 | 358 | 368 | 378 |
| Ending Stocks | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 |
| Total Use | 330 | 315 | 359 | 369 | 381 | 392 | 403 | 414 | 426 | 437 | 448 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 240 | 239 | 241 | 241 | 242 | 242 | 243 | 245 | 246 | 248 | 250 |
| Total Supply | 308 | 319 | 321 | 321 | 322 | 322 | 323 | 325 | 326 | 328 | 330 |
| Consumption | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 |
| Net Exports | 223 | 233 | 235 | 235 | 236 | 236 | 237 | 238 | 240 | 241 | 243 |
| Ending Stocks | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| Total Use | 308 | 319 | 321 | 321 | 322 | 322 | 323 | 325 | 326 | 328 | 330 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 646 | 662 | 676 | 696 | 712 | 727 | 746 | 762 | 779 | 797 | 813 |
| Total Supply | 732 | 780 | 828 | 849 | 864 | 881 | 900 | 917 | 935 | 953 | 970 |
| Consumption | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Net Exports | 613 | 627 | 674 | 695 | 710 | 725 | 743 | 760 | 777 | 794 | 812 |
| Ending Stocks | 118 | 152 | 153 | 152 | 153 | 154 | 155 | 156 | 156 | 157 | 156 |
| Total Use | 732 | 780 | 828 | 849 | 864 | 881 | 900 | 917 | 935 | 953 | 970 |

## Peruvian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 660 | 675 | 686 | 694 | 700 | 704 | 706 | 708 | 711 | 713 | 716 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 2,000 | 2,065 | 2,092 | 2,139 | 2,188 | 2,237 | 2,285 | 2,336 | 2,387 | 2,438 | 2,490 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 1,320 | 1,393 | 1,436 | 1,484 | 1,530 | 1,573 | 1,613 | 1,654 | 1,696 | 1,739 | 1,784 |
| Fluid Milk Consumption | 675 | 705 | 723 | 742 | 763 | 785 | 809 | 834 | 860 | 887 | 915 |
| Manufacturing Use | 645 | 683 | 708 | 737 | 763 | 784 | 799 | 815 | 831 | 847 | 864 |
| **Butter** | | | | | | | | | | | |
| Production | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Supply | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Consumption | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| Net Exports | -2 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -3 | -4 | -4 |
| Ending Stocks | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Total Use | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Cheese** | | | | | | | | | | | |
| Production | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 13 | 13 | 13 |
| Total Supply | 13 | 14 | 14 | 14 | 15 | 15 | 15 | 15 | 16 | 16 | 16 |
| Consumption | 12 | 13 | 13 | 14 | 14 | 14 | 15 | 15 | 15 | 16 | 16 |
| Net Exports | -2 | -2 | -3 | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 |
| Ending Stocks | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Total Use | 13 | 14 | 14 | 14 | 15 | 15 | 15 | 15 | 16 | 16 | 16 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Consumption | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |
| Net Exports | -6 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -8 | -8 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Consumption | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 |
| Net Exports | -6 | -7 | -7 | -7 | -8 | -8 | -9 | -9 | -10 | -10 | -11 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

## Philippine Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 2,353 | 2,390 | 2,405 | 2,436 | 2,469 | 2,499 | 2,528 | 2,559 | 2,590 | 2,621 | 2,652 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 18 |
| Fluid Milk Consumption | 59 | 68 | 69 | 69 | 71 | 74 | 77 | 79 | 82 | 85 | 88 |
| Manufacturing Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Butter** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 10 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 12 |
| Net Exports | -10 | -10 | -10 | -10 | -11 | -11 | -11 | -11 | -12 | -12 | -12 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Cheese** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 19 | 20 | 21 | 21 | 22 | 23 | 23 | 24 | 25 | 26 | 27 |
| Net Exports | -19 | -20 | -21 | -21 | -22 | -23 | -23 | -24 | -25 | -26 | -27 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 130 | 135 | 138 | 141 | 144 | 147 | 151 | 154 | 158 | 161 | 165 |
| Net Exports | -130 | -135 | -138 | -141 | -144 | -147 | -151 | -154 | -158 | -161 | -165 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 13 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 | 26 | 26 |
| Net Exports | -13 | -16 | -17 | -19 | -20 | -21 | -22 | -23 | -24 | -26 | -26 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Romanian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 1,611 | 1,584 | 1,563 | 1,554 | 1,549 | 1,541 | 1,531 | 1,519 | 1,502 | 1,483 | 1,469 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 3,538 | 3,569 | 3,586 | 3,608 | 3,631 | 3,653 | 3,675 | 3,697 | 3,719 | 3,742 | 3,765 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 5,701 | 5,654 | 5,605 | 5,605 | 5,624 | 5,630 | 5,625 | 5,616 | 5,588 | 5,550 | 5,529 |
| Fluid Milk Consumption | 3,755 | 3,761 | 3,740 | 3,717 | 3,697 | 3,678 | 3,657 | 3,634 | 3,606 | 3,583 | 3,560 |
| Manufacturing Use | 1,827 | 1,816 | 1,823 | 1,873 | 1,939 | 1,992 | 2,039 | 2,083 | 2,114 | 2,130 | 2,163 |
| **Butter** | | | | | | | | | | | |
| Production | 7 | 7 | 7 | 7 | 7 | 8 | 7 | 7 | 7 | 7 | 7 |
| Total Supply | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Consumption | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 |
| Net Exports | -5 | -5 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| **Cheese** | | | | | | | | | | | |
| Production | 39 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| Total Supply | 39 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| Consumption | 38 | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 40 | 40 | 40 |
| Net Exports | 0 | 1 | 1 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 8 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 39 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 8 | 8 |
| Total Supply | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 9 | 10 |
| Consumption | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Net Exports | -2 | -2 | -1 | -1 | -1 | -1 | -1 | -1 | -2 | -2 | -1 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 |
| Total Use | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 8 | 8 | 9 | 10 |

## Russian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 10,430 | 9,770 | 9,416 | 9,384 | 9,358 | 9,302 | 9,229 | 9,164 | 9,119 | 9,087 | 9,068 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 2,991 | 3,276 | 3,377 | 3,429 | 3,484 | 3,537 | 3,593 | 3,653 | 3,715 | 3,776 | 3,838 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 31,200 | 32,008 | 31,795 | 32,175 | 32,602 | 32,900 | 33,156 | 33,474 | 33,880 | 34,314 | 34,803 |
| Fluid Milk Consumption | 12,450 | 12,416 | 12,414 | 12,389 | 12,386 | 12,400 | 12,402 | 12,398 | 12,389 | 12,380 | 12,372 |
| Manufacturing Use | 16,000 | 17,023 | 16,909 | 17,323 | 17,760 | 18,060 | 18,334 | 18,674 | 19,101 | 19,553 | 20,054 |
| **Butter** | | | | | | | | | | | |
| Production | 270 | 272 | 274 | 279 | 285 | 290 | 295 | 300 | 306 | 312 | 319 |
| Total Supply | 285 | 287 | 289 | 295 | 300 | 306 | 311 | 316 | 322 | 329 | 336 |
| Consumption | 415 | 435 | 439 | 443 | 448 | 453 | 457 | 462 | 466 | 470 | 475 |
| Net Exports | -145 | -162 | -165 | -164 | -163 | -163 | -163 | -163 | -161 | -159 | -157 |
| Ending Stocks | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 18 |
| Total Use | 285 | 287 | 289 | 295 | 300 | 306 | 311 | 316 | 322 | 329 | 336 |
| **Cheese** | | | | | | | | | | | |
| Production | 355 | 359 | 358 | 362 | 368 | 371 | 373 | 376 | 381 | 385 | 390 |
| Total Supply | 367 | 371 | 370 | 374 | 380 | 383 | 385 | 388 | 393 | 397 | 402 |
| Consumption | 560 | 569 | 578 | 585 | 595 | 606 | 615 | 625 | 634 | 643 | 652 |
| Net Exports | -205 | -210 | -220 | -223 | -228 | -235 | -242 | -248 | -253 | -258 | -262 |
| Ending Stocks | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Total Use | 367 | 371 | 370 | 374 | 380 | 383 | 385 | 388 | 393 | 397 | 402 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 110 | 119 | 119 | 121 | 125 | 129 | 132 | 136 | 140 | 145 | 150 |
| Total Supply | 110 | 119 | 119 | 121 | 125 | 129 | 132 | 136 | 140 | 145 | 150 |
| Consumption | 155 | 164 | 168 | 171 | 174 | 178 | 182 | 186 | 189 | 193 | 196 |
| Net Exports | -45 | -45 | -49 | -49 | -49 | -49 | -50 | -50 | -49 | -48 | -46 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 110 | 119 | 119 | 121 | 125 | 129 | 132 | 136 | 140 | 145 | 150 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 85 | 89 | 89 | 90 | 91 | 92 | 92 | 92 | 93 | 94 | 95 |
| Total Supply | 85 | 89 | 89 | 90 | 91 | 92 | 92 | 92 | 93 | 94 | 95 |
| Consumption | 110 | 116 | 118 | 119 | 122 | 125 | 127 | 130 | 133 | 136 | 139 |
| Net Exports | -25 | -27 | -29 | -30 | -30 | -33 | -35 | -38 | -40 | -42 | -44 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 85 | 89 | 89 | 90 | 91 | 92 | 92 | 92 | 93 | 94 | 95 |

## South Korean Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 236 | 236 | 233 | 231 | 229 | 227 | 226 | 225 | 224 | 223 | 223 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 9,656 | 9,736 | 9,833 | 9,922 | 10,015 | 10,104 | 10,194 | 10,287 | 10,381 | 10,474 | 10,569 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 2,277 | 2,299 | 2,293 | 2,289 | 2,294 | 2,296 | 2,301 | 2,310 | 2,323 | 2,336 | 2,353 |
| Fluid Milk Consumption | 1,463 | 1,445 | 1,448 | 1,466 | 1,477 | 1,489 | 1,498 | 1,507 | 1,516 | 1,524 | 1,533 |
| Manufacturing Use | 818 | 858 | 848 | 827 | 820 | 811 | 807 | 807 | 811 | 816 | 825 |
| **Butter** | | | | | | | | | | | |
| Production | 55 | 56 | 55 | 55 | 55 | 56 | 57 | 57 | 58 | 58 | 59 |
| Total Supply | 55 | 56 | 55 | 55 | 55 | 56 | 57 | 57 | 58 | 58 | 59 |
| Consumption | 56 | 57 | 57 | 57 | 58 | 59 | 59 | 60 | 60 | 61 | 61 |
| Net Exports | -1 | -1 | -2 | -2 | -3 | -3 | -3 | -2 | -3 | -3 | -2 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 55 | 56 | 55 | 55 | 55 | 56 | 57 | 57 | 58 | 58 | 59 |
| **Cheese** | | | | | | | | | | | |
| Production | 23 | 24 | 26 | 26 | 26 | 26 | 27 | 27 | 28 | 29 | 30 |
| Total Supply | 27 | 28 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 33 | 34 |
| Consumption | 66 | 66 | 68 | 69 | 72 | 74 | 76 | 79 | 81 | 83 | 85 |
| Net Exports | -43 | -42 | -42 | -43 | -46 | -48 | -50 | -51 | -53 | -54 | -55 |
| Ending Stocks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Total Use | 26 | 28 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 33 | 34 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 37 | 41 | 41 | 40 | 40 | 41 | 42 | 42 | 42 | 43 | 43 |
| Total Supply | 47 | 48 | 47 | 46 | 47 | 48 | 50 | 52 | 54 | 56 | 59 |
| Consumption | 43 | 43 | 43 | 43 | 43 | 44 | 44 | 44 | 45 | 45 | 45 |
| Net Exports | -2 | -1 | -2 | -4 | -4 | -4 | -4 | -4 | -4 | -4 | -4 |
| Ending Stocks | 6 | 6 | 6 | 7 | 7 | 9 | 10 | 12 | 14 | 16 | 18 |
| Total Use | 45 | 48 | 47 | 46 | 47 | 48 | 50 | 52 | 54 | 56 | 59 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total Supply | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Consumption | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |
| Net Exports | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -1 | -1 | -1 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

## Swiss Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 695 | 708 | 711 | 715 | 717 | 715 | 712 | 710 | 709 | 709 | 710 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 5,694 | 5,744 | 5,760 | 5,794 | 5,825 | 5,847 | 5,872 | 5,901 | 5,934 | 5,966 | 5,998 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 3,956 | 4,068 | 4,098 | 4,140 | 4,174 | 4,179 | 4,180 | 4,189 | 4,208 | 4,231 | 4,258 |
| Fluid Milk Consumption | 701 | 702 | 702 | 699 | 695 | 690 | 686 | 683 | 679 | 675 | 671 |
| Manufacturing Use | 2,585 | 2,696 | 2,725 | 2,770 | 2,808 | 2,818 | 2,823 | 2,836 | 2,858 | 2,885 | 2,916 |
| **Butter** | | | | | | | | | | | |
| Production | 42 | 43 | 44 | 44 | 45 | 45 | 45 | 45 | 45 | 45 | 46 |
| Total Supply | 48 | 49 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 52 | 52 |
| Consumption | 46 | 47 | 47 | 48 | 47 | 47 | 47 | 47 | 47 | 47 | 47 |
| Net Exports | -4 | -4 | -4 | -3 | -3 | -2 | -2 | -2 | -2 | -2 | -2 |
| Ending Stocks | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total Use | 48 | 49 | 50 | 50 | 51 | 51 | 51 | 51 | 51 | 52 | 52 |
| **Cheese** | | | | | | | | | | | |
| Production | 170 | 182 | 189 | 194 | 199 | 200 | 200 | 201 | 203 | 205 | 208 |
| Total Supply | 186 | 198 | 205 | 210 | 215 | 216 | 216 | 217 | 219 | 221 | 224 |
| Consumption | 131 | 134 | 136 | 137 | 137 | 137 | 137 | 138 | 139 | 139 | 140 |
| Net Exports | 39 | 48 | 53 | 58 | 62 | 63 | 63 | 64 | 65 | 66 | 68 |
| Ending Stocks | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Total Use | 186 | 198 | 205 | 210 | 215 | 216 | 216 | 217 | 219 | 221 | 224 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 34 |
| Total Supply | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 34 |
| Consumption | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 18 | 18 |
| Net Exports | 14 | 14 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 16 | 16 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 34 |

## Thai Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 285 | 287 | 295 | 303 | 311 | 319 | 326 | 334 | 343 | 354 | 365 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 2,912 | 2,976 | 3,038 | 3,095 | 3,152 | 3,211 | 3,273 | 3,340 | 3,407 | 3,466 | 3,524 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 830 | 854 | 895 | 938 | 981 | 1,023 | 1,067 | 1,115 | 1,169 | 1,228 | 1,288 |
| Fluid Milk Consumption | 802 | 832 | 862 | 894 | 930 | 968 | 1,007 | 1,050 | 1,094 | 1,139 | 1,186 |
| Manufacturing Use | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| **Butter** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 14 | 15 | 15 | 16 | 16 | 17 | 17 | 18 | 19 | 20 | 20 |
| Net Exports | -14 | -15 | -15 | -16 | -16 | -17 | -17 | -18 | -19 | -20 | -20 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Cheese** | | | | | | | | | | | |
| Production | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Supply | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Consumption | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 |
| Net Exports | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -4 | -4 | -4 | -4 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 15 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Consumption | 86 | 87 | 89 | 92 | 94 | 96 | 98 | 100 | 103 | 106 | 108 |
| Net Exports | -80 | -87 | -89 | -92 | -94 | -96 | -98 | -100 | -103 | -106 | -108 |
| Ending Stocks | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Total Use | 15 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Consumption | 38 | 38 | 39 | 40 | 42 | 42 | 42 | 43 | 44 | 44 | 45 |
| Net Exports | -40 | -38 | -39 | -40 | -42 | -42 | -42 | -43 | -44 | -44 | -45 |
| Ending Stocks | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Total Use | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

## Ukrainian Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 3,950 | 3,907 | 3,814 | 3,745 | 3,698 | 3,635 | 3,574 | 3,521 | 3,478 | 3,444 | 3,419 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 3,494 | 3,544 | 3,592 | 3,653 | 3,716 | 3,774 | 3,834 | 3,894 | 3,955 | 4,016 | 4,076 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 13,800 | 13,850 | 13,699 | 13,679 | 13,740 | 13,720 | 13,701 | 13,712 | 13,754 | 13,830 | 13,936 |
| Fluid Milk Consumption | 4,320 | 4,170 | 4,280 | 4,360 | 4,440 | 4,505 | 4,567 | 4,627 | 4,688 | 4,751 | 4,815 |
| Manufacturing Use | 8,300 | 8,516 | 8,291 | 8,217 | 8,216 | 8,154 | 8,098 | 8,068 | 8,065 | 8,091 | 8,143 |
| **Butter** | | | | | | | | | | | |
| Production | 140 | 145 | 147 | 150 | 153 | 156 | 158 | 160 | 163 | 166 | 169 |
| Total Supply | 145 | 150 | 152 | 155 | 158 | 161 | 163 | 165 | 168 | 171 | 174 |
| Consumption | 110 | 115 | 120 | 123 | 127 | 129 | 132 | 135 | 138 | 141 | 144 |
| Net Exports | 30 | 30 | 28 | 26 | 26 | 26 | 26 | 25 | 25 | 26 | 25 |
| Ending Stocks | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Total Use | 145 | 150 | 152 | 155 | 158 | 161 | 163 | 165 | 168 | 171 | 174 |
| **Cheese** | | | | | | | | | | | |
| Production | 270 | 289 | 295 | 298 | 303 | 308 | 312 | 317 | 322 | 327 | 332 |
| Total Supply | 272 | 291 | 297 | 300 | 305 | 310 | 314 | 319 | 324 | 329 | 334 |
| Consumption | 162 | 164 | 170 | 174 | 179 | 182 | 186 | 190 | 193 | 197 | 201 |
| Net Exports | 108 | 125 | 125 | 124 | 124 | 125 | 126 | 127 | 128 | 129 | 131 |
| Ending Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Use | 272 | 291 | 297 | 300 | 305 | 310 | 314 | 319 | 324 | 329 | 334 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 80 | 82 | 81 | 81 | 83 | 83 | 83 | 83 | 84 | 85 | 85 |
| Total Supply | 82 | 84 | 83 | 83 | 85 | 85 | 85 | 85 | 86 | 87 | 87 |
| Consumption | 15 | 18 | 21 | 23 | 25 | 27 | 29 | 30 | 32 | 34 | 36 |
| Net Exports | 65 | 64 | 61 | 59 | 58 | 56 | 55 | 52 | 51 | 51 | 49 |
| Ending Stocks | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Use | 82 | 84 | 83 | 83 | 85 | 85 | 85 | 85 | 86 | 87 | 87 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| Total Supply | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |
| Consumption | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 13 | 13 | 13 |
| Net Exports | 19 | 19 | 18 | 18 | 17 | 17 | 17 | 16 | 16 | 16 | 16 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |

## Uruguayan Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 900 | 945 | 1,004 | 1,064 | 1,119 | 1,157 | 1,187 | 1,210 | 1,231 | 1,248 | 1,263 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,710 | 1,718 | 1,741 | 1,747 | 1,757 | 1,762 | 1,769 | 1,779 | 1,790 | 1,799 | 1,809 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 1,539 | 1,624 | 1,748 | 1,859 | 1,966 | 2,039 | 2,100 | 2,153 | 2,203 | 2,246 | 2,286 |
| Fluid Milk Consumption | 372 | 392 | 396 | 399 | 406 | 411 | 415 | 420 | 425 | 430 | 435 |
| Manufacturing Use | 1,031 | 1,097 | 1,206 | 1,307 | 1,401 | 1,463 | 1,514 | 1,560 | 1,603 | 1,639 | 1,672 |
| **Butter** | | | | | | | | | | | |
| Production | 15 | 15 | 17 | 19 | 21 | 21 | 22 | 22 | 22 | 22 | 22 |
| Total Supply | 19 | 19 | 21 | 23 | 25 | 25 | 26 | 26 | 26 | 26 | 26 |
| Consumption | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Net Exports | 11 | 10 | 12 | 14 | 15 | 16 | 16 | 16 | 16 | 16 | 15 |
| Ending Stocks | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Total Use | 19 | 19 | 21 | 23 | 25 | 25 | 26 | 26 | 26 | 26 | 26 |
| **Cheese** | | | | | | | | | | | |
| Production | 26 | 27 | 30 | 32 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| Total Supply | 29 | 30 | 33 | 35 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| Consumption | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 11 | 11 |
| Net Exports | 17 | 18 | 20 | 22 | 24 | 25 | 26 | 27 | 28 | 28 | 29 |
| Ending Stocks | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Total Use | 29 | 30 | 33 | 35 | 37 | 38 | 39 | 40 | 41 | 42 | 43 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 16 | 18 | 21 | 23 | 24 | 25 | 25 | 24 | 23 | 22 | 21 |
| Total Supply | 17 | 19 | 22 | 24 | 25 | 26 | 26 | 25 | 24 | 23 | 22 |
| Consumption | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Net Exports | 14 | 15 | 18 | 20 | 21 | 22 | 21 | 21 | 20 | 19 | 18 |
| Ending Stocks | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Total Use | 17 | 19 | 22 | 24 | 25 | 26 | 26 | 25 | 24 | 23 | 22 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 17 | 16 | 28 | 32 | 35 | 38 | 42 | 46 | 50 | 54 | 57 |
| Total Supply | 28 | 27 | 39 | 43 | 46 | 49 | 53 | 57 | 61 | 65 | 68 |
| Consumption | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| Net Exports | 14 | 12 | 24 | 27 | 31 | 34 | 38 | 42 | 46 | 49 | 53 |
| Ending Stocks | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Total Use | 28 | 27 | 39 | 43 | 46 | 49 | 53 | 57 | 61 | 65 | 68 |

## Venezuelan Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 731 | 751 | 745 | 742 | 741 | 740 | 739 | 740 | 741 | 743 | 744 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 1,945 | 1,980 | 2,025 | 2,040 | 2,062 | 2,077 | 2,091 | 2,113 | 2,134 | 2,155 | 2,176 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 1,423 | 1,487 | 1,509 | 1,513 | 1,528 | 1,537 | 1,546 | 1,563 | 1,581 | 1,601 | 1,619 |
| Fluid Milk Consumption | 215 | 233 | 237 | 239 | 243 | 247 | 250 | 253 | 255 | 259 | 262 |
| Manufacturing Use | 1,208 | 1,255 | 1,273 | 1,274 | 1,286 | 1,290 | 1,296 | 1,310 | 1,326 | 1,342 | 1,357 |
| **Butter** | | | | | | | | | | | |
| Production | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Supply | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Consumption | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| Net Exports | -2 | -2 | -2 | -2 | -2 | -3 | -3 | -3 | -3 | -3 | -3 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| **Cheese** | | | | | | | | | | | |
| Production | 67 | 69 | 69 | 69 | 70 | 70 | 70 | 71 | 72 | 72 | 73 |
| Total Supply | 95 | 97 | 97 | 97 | 98 | 98 | 98 | 99 | 100 | 100 | 101 |
| Consumption | 76 | 82 | 84 | 86 | 88 | 90 | 92 | 94 | 96 | 98 | 100 |
| Net Exports | -9 | -13 | -15 | -16 | -18 | -20 | -21 | -23 | -24 | -25 | -27 |
| Ending Stocks | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| Total Use | 95 | 97 | 97 | 97 | 98 | 98 | 98 | 99 | 100 | 100 | 101 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Total Supply | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Consumption | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 |
| Net Exports | -6 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 | -7 |
| Ending Stocks | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Total Use | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 |
| Total Supply | 57 | 61 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 63 | 63 |
| Consumption | 118 | 123 | 127 | 129 | 132 | 135 | 139 | 142 | 145 | 149 | 152 |
| Net Exports | -95 | -96 | -99 | -101 | -104 | -107 | -110 | -114 | -117 | -120 | -123 |
| Ending Stocks | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| Total Use | 57 | 61 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 63 | 63 |

## Vietnamese Dairy Supply and Utilization

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | (Thousand Head) | | | | | | |
| Milk Cow Numbers | 70 | 75 | 76 | 77 | 79 | 80 | 83 | 85 | 86 | 86 | 87 |
| | | | | | (Kilograms) | | | | | | |
| Milk Production per Cow | 2,071 | 2,076 | 2,081 | 2,086 | 2,091 | 2,096 | 2,101 | 2,106 | 2,111 | 2,116 | 2,121 |
| | | | | | (Thousand Metric Tons) | | | | | | |
| Cow Milk Production | 145 | 156 | 159 | 161 | 166 | 169 | 175 | 178 | 181 | 183 | 184 |
| Fluid Milk Consumption | 163 | 176 | 182 | 188 | 195 | 202 | 209 | 217 | 224 | 232 | 240 |
| Manufacturing Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Butter** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 |
| Net Exports | -6 | -7 | -7 | -7 | -8 | -8 | -8 | -9 | -9 | -10 | -10 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Cheese** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Net Exports | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -1 | -2 | -2 | -2 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Nonfat Dry Milk** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 32 | 31 | 33 | 35 | 38 | 40 | 42 | 45 | 48 | 50 | 53 |
| Net Exports | -32 | -31 | -33 | -35 | -38 | -40 | -42 | -45 | -48 | -50 | -53 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Whole Milk Powder** | | | | | | | | | | | |
| Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Supply | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Consumption | 45 | 47 | 51 | 56 | 61 | 66 | 71 | 76 | 81 | 87 | 94 |
| Net Exports | -45 | -47 | -51 | -56 | -61 | -66 | -71 | -76 | -81 | -87 | -94 |
| Ending Stocks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Use | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## Per Capita Dairy Consumption of Selected Countries

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | (Kilograms) | | | | | |
| **Argentina** | | | | | | | | | | | |
| Fluid Milk | 48.1 | 50.1 | 51.3 | 52.6 | 54.0 | 55.3 | 56.7 | 58.0 | 59.4 | 60.8 | 62.3 |
| Butter | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.4 | 1.4 |
| Cheese | 8.9 | 9.0 | 9.2 | 9.6 | 10.0 | 10.3 | 10.7 | 11.0 | 11.3 | 11.7 | 12.1 |
| NFD Milk | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Whole Milk Powder | 2.3 | 2.3 | 2.3 | 2.4 | 2.5 | 2.5 | 2.6 | 2.7 | 2.7 | 2.8 | 2.8 |
| **Australia** | | | | | | | | | | | |
| Fluid Milk | 104.1 | 104.4 | 104.3 | 104.1 | 104.3 | 104.2 | 104.0 | 103.8 | 103.6 | 103.5 | 103.3 |
| Butter | 2.9 | 2.9 | 2.9 | 2.9 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 |
| Cheese | 11.2 | 11.0 | 11.1 | 11.2 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 12.0 | 12.1 |
| NFD Milk | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 |
| Whole Milk Powder | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 |
| **Brazil** | | | | | | | | | | | |
| Fluid Milk | 70.8 | 70.8 | 71.8 | 72.6 | 73.7 | 74.9 | 76.0 | 77.2 | 78.4 | 79.6 | 80.9 |
| Butter | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Cheese | 2.6 | 2.6 | 2.6 | 2.6 | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 | 2.8 | 2.9 |
| NFD Milk | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| Whole Milk Powder | 2.4 | 2.4 | 2.5 | 2.5 | 2.5 | 2.6 | 2.6 | 2.6 | 2.7 | 2.7 | 2.8 |
| **Bulgaria** | | | | | | | | | | | |
| Fluid Milk | 127.1 | 128.6 | 128.6 | 128.1 | 126.8 | 126.4 | 126.5 | 126.7 | 127.0 | 127.4 | 127.7 |
| Butter | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Cheese | 4.8 | 5.3 | 5.8 | 6.0 | 6.1 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 |
| NFD Milk | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| **Canada** | | | | | | | | | | | |
| Fluid Milk | 86.4 | 84.5 | 83.9 | 83.3 | 82.8 | 82.3 | 81.7 | 81.2 | 80.6 | 80.1 | 79.6 |
| Butter | 3.0 | 3.0 | 3.0 | 3.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 |
| Cheese | 9.9 | 9.9 | 9.9 | 10.0 | 10.0 | 10.0 | 10.1 | 10.1 | 10.1 | 10.2 | 10.2 |
| NFD Milk | 2.4 | 2.2 | 2.2 | 2.1 | 2.1 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 |
| **China** | | | | | | | | | | | |
| Fluid Milk | 7.6 | 8.3 | 8.8 | 9.3 | 9.9 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 |
| Butter | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Cheese | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| NFD Milk | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| **Colombia** | | | | | | | | | | | |
| Fluid Milk | 93.2 | 93.6 | 93.8 | 94.0 | 94.6 | 95.2 | 95.8 | 96.5 | 97.2 | 98.1 | 98.9 |
| Butter | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Cheese | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 |
| NFD Milk | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Whole Milk Powder | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 |
| **Egypt** | | | | | | | | | | | |
| Fluid Milk | 15.4 | 15.2 | 15.7 | 15.8 | 16.0 | 16.4 | 16.6 | 16.8 | 16.9 | 17.1 | 17.4 |
| Butter | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 |
| Cheese | 8.5 | 8.5 | 8.6 | 8.6 | 8.7 | 8.7 | 8.8 | 8.8 | 8.9 | 8.9 | 9.0 |
| NFD Milk | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Whole Milk Powder | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| **EU New Member States** | | | | | | | | | | | |
| Fluid Milk | 91.6 | 89.3 | 88.0 | 86.7 | 86.2 | 86.0 | 85.9 | 85.9 | 85.4 | 85.0 | 84.5 |
| Butter | 3.9 | 3.9 | 3.9 | 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| Cheese | 7.0 | 7.2 | 7.5 | 7.8 | 8.1 | 8.3 | 8.6 | 8.8 | 9.1 | 9.4 | 9.6 |
| NFD Milk | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.7 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 |
| Whole Milk Powder | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 |
| **European Union -15** | | | | | | | | | | | |
| Fluid Milk | 79.0 | 78.6 | 78.4 | 78.1 | 77.8 | 77.6 | 77.3 | 77.1 | 77.0 | 76.8 | 76.6 |
| Butter | 4.2 | 4.2 | 4.2 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 4.0 |
| Cheese | 19.1 | 19.3 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 20.1 | 20.2 | 20.3 |
| NFD Milk | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| Whole Milk Powder | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| **India** | | | | | | | | | | | |
| Fluid Milk | 34.9 | 36.0 | 36.6 | 36.9 | 37.3 | 37.7 | 38.1 | 38.4 | 38.8 | 39.2 | 39.6 |
| Butter | 2.6 | 2.8 | 2.9 | 3.0 | 3.0 | 3.1 | 3.2 | 3.3 | 3.3 | 3.4 | 3.5 |
| NFD Milk | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

## Per Capita Dairy Consumption of Selected Countries (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Indonesia** | | | | | (Kilograms) | | | | | | |
| Fluid Milk | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 |
| Butter | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Cheese | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NFD Milk | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 |
| Whole Milk Powder | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| **Japan** | | | | | | | | | | | |
| Fluid Milk | 37.7 | 37.3 | 37.4 | 37.6 | 37.7 | 37.9 | 38.1 | 38.3 | 38.5 | 38.7 | 38.9 |
| Butter | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 |
| Cheese | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.3 | 2.3 | 2.4 |
| NFD Milk | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 |
| **Malaysia** | | | | | | | | | | | |
| Fluid Milk | 1.9 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 | 2.3 |
| Butter | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 |
| Cheese | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 |
| NFD Milk | 2.1 | 2.2 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.5 |
| Whole Milk Powder | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 |
| **Mexico** | | | | | | | | | | | |
| Fluid Milk | 42.1 | 42.9 | 43.1 | 43.3 | 43.9 | 44.5 | 45.0 | 45.4 | 46.0 | 46.7 | 47.4 |
| Butter | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 |
| Cheese | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 |
| NFD Milk | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 |
| Whole Milk Powder | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 |
| **New Zealand** | | | | | | | | | | | |
| Fluid Milk | 89.2 | 89.1 | 88.4 | 87.9 | 87.4 | 87.1 | 86.9 | 86.6 | 86.4 | 86.1 | 85.9 |
| Butter | 6.4 | 6.3 | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 5.8 | 5.8 | 5.7 | 5.7 |
| Cheese | 6.9 | 7.6 | 7.8 | 7.8 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.6 | 8.7 |
| NFD Milk | 1.2 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 |
| Whole Milk Powder | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 |
| **Peru** | | | | | | | | | | | |
| Fluid Milk | 24.2 | 24.9 | 25.2 | 25.6 | 25.9 | 26.4 | 26.9 | 27.4 | 27.9 | 28.5 | 29.1 |
| Butter | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Cheese | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| NFD Milk | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| Whole Milk Powder | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 |
| **Philippines** | | | | | | | | | | | |
| Fluid Milk | 0.7 | 0.8 | 0.8 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 |
| Butter | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Cheese | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 |
| NFD Milk | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.6 |
| Whole Milk Powder | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| **Romania** | | | | | | | | | | | |
| Fluid Milk | 168.2 | 168.6 | 167.9 | 167.1 | 166.4 | 165.8 | 165.1 | 164.4 | 163.5 | 162.8 | 162.1 |
| Butter | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Cheese | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| NFD Milk | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| **Russia** | | | | | | | | | | | |
| Fluid Milk | 86.8 | 86.9 | 87.2 | 87.3 | 87.6 | 88.1 | 88.4 | 88.8 | 89.1 | 89.4 | 89.8 |
| Butter | 2.9 | 3.0 | 3.1 | 3.1 | 3.2 | 3.2 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 |
| Cheese | 3.9 | 4.0 | 4.1 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.6 | 4.7 |
| NFD Milk | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 |
| Whole Milk Powder | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 |
| **South Korea** | | | | | | | | | | | |
| Fluid Milk | 30.1 | 29.6 | 29.5 | 29.8 | 29.9 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.6 |
| Butter | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Cheese | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 |
| NFD Milk | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| Whole Milk Powder | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |

## Per Capita Dairy Consumption of Selected Countries (continued)

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Switzerland** | | | | | (Kilograms) | | | | | | |
| Fluid Milk | 93.6 | 93.3 | 92.9 | 92.2 | 91.3 | 90.5 | 89.8 | 89.2 | 88.5 | 87.9 | 87.2 |
| Butter | 6.1 | 6.2 | 6.3 | 6.3 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 | 6.2 |
| Cheese | 17.5 | 17.8 | 18.0 | 18.0 | 18.0 | 17.9 | 17.9 | 18.0 | 18.1 | 18.1 | 18.2 |
| NFD Milk | 2.2 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| **Thailand** | | | | | | | | | | | |
| Fluid Milk | 12.5 | 12.9 | 13.2 | 13.7 | 14.1 | 14.6 | 15.1 | 15.7 | 16.2 | 16.8 | 17.4 |
| Butter | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Cheese | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NFD Milk | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 |
| Whole Milk Powder | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 |
| **Ukraine** | | | | | | | | | | | |
| Fluid Milk | 91.9 | 89.3 | 92.2 | 94.4 | 96.7 | 98.7 | 100.6 | 102.4 | 104.4 | 106.4 | 108.4 |
| Butter | 2.3 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 | 2.9 | 3.0 | 3.1 | 3.1 | 3.2 |
| Cheese | 3.4 | 3.5 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 |
| NFD Milk | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 |
| Whole Milk Powder | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| **United States** | | | | | | | | | | | |
| Total Fluid Milk | 92.8 | 93.1 | 92.3 | 91.1 | 90.3 | 89.7 | 88.8 | 87.9 | 87.0 | 86.1 | 85.4 |
| Butter | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| Cheese | 14.4 | 14.7 | 14.9 | 14.9 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 |
| NFD Milk | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 |
| **Uruguay** | | | | | | | | | | | |
| Fluid Milk | 108.8 | 114.2 | 114.8 | 115.2 | 116.7 | 117.8 | 118.5 | 119.3 | 120.3 | 121.2 | 122.3 |
| Butter | 1.3 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 |
| Cheese | 2.7 | 2.8 | 2.9 | 2.9 | 2.9 | 2.9 | 3.0 | 3.0 | 3.0 | 3.0 | 3.1 |
| NFD Milk | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 |
| Whole Milk Powder | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| **Venezuela** | | | | | | | | | | | |
| Fluid Milk | 8.5 | 9.0 | 9.1 | 9.0 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 |
| Butter | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Cheese | 3.0 | 3.2 | 3.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.5 |
| NFD Milk | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Whole Milk Powder | 4.7 | 4.8 | 4.9 | 4.9 | 4.9 | 5.0 | 5.0 | 5.1 | 5.2 | 5.2 | 5.3 |
| **Vietnam** | | | | | | | | | | | |
| Fluid Milk | 1.9 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 | 2.4 | 2.4 | 2.5 | 2.5 | 2.6 |
| Butter | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Cheese | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| NFD Milk | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 |
| Whole Milk Powder | 0.5 | 0.6 | 0.6 | 0.6 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 | 1.0 | 1.0 |