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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. Abbreviations and acronyms typically are not spelled out in the text.

ARP	Acreage Reduction Program
APEC	Asia Pacific Economic Cooperation
ASEAN	Association of South East Asian Nations
CAP	Common Agricultural Policy
CBO	Congressional Budget Office
CCC	Commodity Credit Corporation
CEE	Central Eastern Europe
CIF	Cost, Insurance, and Freight
COP	Cereals, Oilseeds, and Protein Crops
CPI	Consumer Price Index
CRP	Conservation Reserve Program
CSF	classic swine fever
cwt	hundredweight
DEIP	Dairy Export Incentive Program
EEP	Export Enhancement Program
EU	European Union
ECU	European currency unit
FACTA-90	Food, Agriculture, Conservation, and Trade Act of 1990
FAIR Act	Federal Agriculture Improvement and Reform Act of 1996
FAPRI	Food and Agricultural Policy Research Institute
FMD	foot-and-mouth disease
FOB	freight on board
FOR	Farmer-Owned Reserve
FSU	Former Soviet Union
GATT	General Agreement on Tariffs and Trade
GRIP	Gross Revenue Insurance Plan
GDP	gross domestic product
ha	hectare
HFCS	high-fructose corn syrup
HRW	hard red winter (wheat)
MERCOSUR	The Common Market of the Southern Cone of South America
MGA	maximum guaranteed area
MGQ	maximum guaranteed quantity
mha	million hectares
mmt	million metric tons
mt	metric ton
NAFTA	North American Free Trade Agreement
NFA	net flexed area
NFD	nonfat dry milk
PLD	Paid Land Diversion
PROCAMPO	Mexican direct income support program
rBST	recombinant bovine somatotropin
ROW	Rest of World
tmt	thousand metric tons
TRQ	tariff rate quota
WGTA	Western Grain Transportation Act
WTO	World Trade Organization

Executive Summary

The Food and Agricultural Policy Research Institute (FAPRI) prepares baseline projections each year for the U.S. agricultural sector and international commodity markets. FAPRI projections assume average weather patterns worldwide, existing policy and policy commitments under existing trade agreements, but do not make conjectures on likely reforms such as the European Union's (EU) "Agenda 2000" or the forthcoming round of the World Trade Organization (WTO).

The 1999 baseline outlook predicts short-term weakness and a long-term recovery of world agricultural production and trade. The current weakness is due to abundant supplies and weaker demand on many markets for many commodities. With the progressive recovery of Asian, Latin American, and transitional economies, U.S. exports to these countries will recover in the long run, especially oilseed, corn, and meat product exports.

The United States remains a competitive producer and exporter of many agricultural commodities, including meat products, grains, and oilseeds. U.S. exports should benefit from the expected recovery of Asian markets and from increased market access resulting from trade agreements.

World crop prices will remain weak in 1999/00 and world grain area is expected to decrease by 4 million hectares (mha). Much of the decrease will occur in wheat production. In the long run world grain production is expected to grow by 13 percent in the next decade from increases in both yield and planted area. Asian countries are expected to depend increasingly on imports of food and feed grains because of their limited resources. World grain trade will grow 24 percent by 2008/09.

Higher per capita income in many developing economies will induce higher vegetable oil consumption, which will reach 170 million metric tons (mmt) by 2008/09. Oilseed world acreage and production will increase accordingly. Total oilseed production will reach 284 mmt by 2008/09. Soy meal trade will grow as well because of increased imports by the European Union (EU) and China.

Large supplies of hogs are expected again for 1999/00, and prices will remain weak in the short run, including in the United States. U.S. prices will remain around $35 per hundredweight. In the long run, pork trade expansion will resume broadly, as many import markets recover in Asia. The United States will replace the EU as the world's largest exporter of pork by 2008/09.

U.S. and Brazilian poultry exports will increase steadily in the coming decade at the expense of EU and East Asian competitors. Mexico will nearly double its broiler imports in 2003 when trade duties disappear within North American Free Trade Agreement (NAFTA) countries.

World milk production will increase by 12.7 percent over the coming decade, especially in the United States, Brazil, Argentina, and China. Argentina is becoming a major exporter of dairy products. Cheese is a growth market, especially in the United States and the EU. World cheese consumption is expected to increase by 18.8 percent in the next decade. After 2001, the EU will expand its exports of cheese as world cheese prices are projected to rise above EU prices. Australia and New Zealand are projected to meet increased cheese consumption in Asia.

China remains a "wild card" in world agricultural markets because of unpredictable policy swings and variable domestic production. China is expected to increase its dependence on imports for feed (corn and soy meal) and poultry, and to reduce its exports of pork.

Overview of the 1999 World Outlook

Major Conditioning Assumptions

The Macroeconomic Environment

Baseline projections largely depend on two external factors, macroeconomic assumptions and agricultural policy assumptions. Macroeconomic projections used in the Food and Agricultural Policy Research Institute (FAPRI) baseline were obtained from Standard & Poor's DRI, Project Link, and WEFA.

World economic growth is projected to slow to 1 percent in 1999. Many Asian and Latin American countries are likely to have negative growth in 1999, and Former Soviet Union (FSU) countries continue their decline.

Among developed countries, Japan, which has the second largest economy in the world, is projected to have –3.2 percent real gross domestic product (GDP) growth in 1999. After 1999, macro forecasters predict a recovery in world economic growth with positive real GDP growth in most Asian and Latin American countries. Over the long run, the macroeconomic outlook calls for sustained and evenly distributed global economic growth, with world GDP growing slightly above 3 percent annually. Russia and Ukraine are also projected to turn to positive economic growth during the second half of the projection period.

The Asian situation remains uncertain. Apart from Far East Asian countries, the projections also call for a slowdown in Chinese economic growth to a mere 4.3 percent in 1999. However, over the long run, China is projected to grow between 7.0 and 7.5 percent. In addition to China, the other Asian economies not directly affected by the recent crisis such as India, Vietnam, and Hong Kong are also projected to slow significantly in the short-run.

The largest economy in the Latin American region, Brazil, is also experiencing financial problems because of its huge government debt and its strong ties with Asian economies. Recently, Brazilian currency was devalued by more than 50 percent and its real GDP is projected to have negative growth in 1999. Following Brazil, other major countries in the region such as Argentina, Paraguay, and Venezuela are also projected to have negative real GDP growth in 1999. Brazil, along with other Latin American countries, is expected to recover quickly, and real GDP of the region is projected to grow between 4.5 and 5.0 percent annually.

Agricultural Policy Assumptions

The FAPRI baseline assumes that all government programs and international agreements currently in effect will remain in place over the projection period. There has been a significant impact on agricultural trade by the unilateral liberalization policies undertaken by various countries. The most significant liberalization took place in the United States with the passage of the 1996 U.S. Federal Agriculture Improvement and Reform (FAIR) Act. Under this legislation, all land set-aside provisions, except those directed at conservation, are eliminated. Deficiency payments are replaced with declining contract payments, and planting flexibility is increased with the removal of base program areas. The FAIR act also reduced Export Enhancement Program (EEP) expenditures below the General Agreement on Tariffs and Trade (GATT) allowed levels through 2000. However, the EEP has not been used since July 1995. Consistently, this year's baseline assumes that EEP expenditures will not be resumed during the baseline period.

The EU's Common Agricultural Policy (CAP) reform constitutes another important unilateral liberalization. The final stage of the 1992 reforms that took place during 1995/96 has been incorporated in the baseline. However, additional reforms proposed by the Commission, for example "Agenda 2000," are not incorporated in FAPRI's 1999 baseline.

Cereal intervention prices (price triggering farmer compensation) are assumed to remain at 199 ECUs per metric ton (mt), and cereal compensation is assumed to remain at 54 ECUs per mt. The mandatory set-aside rate for cereals will increase to 10 percent in 1999/00. For the remaining period, set-aside is assumed to respond to intervention stock and is increased to 15 percent by 2008/09.

The beef support price is assumed to remain at 3,475 ECUs per mt, and the pig meat basic price is assumed to remain at 1,509 ECUs per mt. In addition, the ceiling on intervention purchases of beef is reduced to 350 thousand metric tons (tmt) after 1997. Although further potential expansion of the EU to include Central and East European countries is likely to happen sometime during the projection period, no explicit assumptions are made regarding the expansion.

Unilateral liberalization has occurred in a number of other countries as well. Canada removed its rail subsidy under the Western Grain Transportation Act. Mexico implemented a direct income support program called PROCAMPO: price supports were abolished and replaced with direct government payments on a per hectare basis. Starting in the early 1990s, most Latin American countries, such as Argentina, Brazil, and Uruguay, embarked on a unilateral process of tariff reduction, elimination of most quota restrictions, reduction or elimination of state trading agencies (e.g., Argentina), and removal of export taxes (Brazil and Argentina). As a part of the MERCOSUR agreement established in 1991, these countries maintain common external tariffs with non-MERCOSUR trading partners that range from 13 to 21 percent.

In recent years, India has reduced government interventions in the trade of many agricultural commodities. The latest trade regulation permits imports of wheat by private flour millers and corn for feed use. Similarly, South Africa has eliminated its Maize Board and has liberalized imports of wheat. Indonesia has also liberalized its wheat imports by allowing private traders to import wheat. In many other developing countries, policies that penalize agriculture in favor of industrial development have been abandoned.

Among the multilateral trade agreements of the Uruguay Round (UR), the World Trade Organization (WTO) has had the largest impact on agricultural trade. The largest, most direct impacts of the UR agreement are the disciplinary actions placed on export subsidies and market access. These changes will have their greatest impact on markets for wheat, coarse grains, meats, and dairy products. All members of the WTO are to return to negotiations for agriculture in 1999. The potential results of these negotiations are not accounted for in this analysis. Finally, the FAPRI baseline does not make any assumptions on China's accession to the WTO.

FAPRI Adjustments to Chinese Livestock Data

In the past three years, the attention of many researchers in China and abroad has been drawn to the apparent inconsistencies in China's published livestock statistics. According to numbers reported in the China Statistical Yearbook, Chinese production of beef, pork, poultry, and eggs increased 186 percent from 1986 to 1996. Over the same time period, consumption of livestock products derived from household surveys rose only 36 percent. Consequently, the gap between reported production and surveyed consumption has been growing rapidly over the last decade.

Several factors contribute to the apparent discrepancy between the Chinese production and consumption statistics. First, the surveyed consumption levels increasingly understate actual meat consumption because they do not adequately account for away-from-home consumption. Second, the number of migrant workers living in urban areas is increasing and, while classified as rural residents, they adopt to some extent the more protein-rich diets of urban dwellers. Furthermore, these migrants are not included in the regular consumption surveys, which contributes to the under-reporting of meat consumption in survey statistics. Third, the potential for intentional inflation of production numbers by local officials has increased with the changes that have occurred in the structure of livestock production and marketing since the mid-1980s.

The Chinese government has frequently used production levels to assess the achievements of regional bureaucrats and political leaders. Under the centrally planned economy, the statistics reported by local officials could be validated by checking production team and collective farm records. After 1984, the household became the primary production unit. Statistics reported by low-level bureaucrats involved surveying the households and corroborating these numbers with village and township records. Therefore, it became prohibitively expensive to maintain the level of accuracy achieved under the collective system. Furthermore, when domestic meat markets were liberalized during the mid-1980s, records kept by government marketing agencies were no longer representative of actual meat marketing levels. Without adequate checks, it became less costly for local bureaucrats to inflate production numbers, thereby increasing their likelihood of promotion. As officials attempt to maintain year-on-year increases in production, the inflation introduced in the production statistics grows.

Researchers at the Center for Agricultural and Rural Development (CARD) at Iowa State University (ISU) have made a preliminary distillation of more accurate production estimates from the available statistics. Assuming reasonable accuracy of production statistics reported for 1984 and official trade statistics, estimated production levels can be derived from per capita consumption levels. Meat consumption levels were adjusted upwards to account for away-from-home consumption, 6 percent for urban and 2 percent for rural annually from 1988 to 1992. From 1992 to 1997 the consumption adjustments were kept at 30 percent for urban and 10 percent for rural households. Total production of each meat was derived from the adjusted per capita consumption levels and the reported trade quantities. Animal inventories were estimated from the adjusted production levels using plausible slaughter weights, carcass yields, and slaughter, birth, and death rates.

The adjusted data series was used in the FAPRI international livestock model to generate the projections shown in the world meat section of this publication. The estimates of historical production and consumption are published in the 1998 FAPRI Rainbow Book. (Available online at www.fapri.iastate.edu.)

With the adjusted data, projected meat consumption levels in China are more consistent with historical consumption growth levels in other Asian countries. More importantly, the official production statistics are inconsistent with estimates of feed-grain consumption in China. Consequently, projections based on the published production levels either yield intolerably high projections of future feed demands or use unrealistically low feed conversion coefficients. The adjusted production numbers were used to generate FAPRI's feed demands in China, given feed conversion rates derived from recent survey data.

For comparison purposes, FAPRI provides projections based on official data. These projections were derived by applying the year-to-year percentage change in the model projections to the official data for 1997. Discrepancies between supply and demand were allocated evenly to production and consumption projections to force an equilibrium in the domestic market.

World Crops

Crop prices in 1998 reached their lowest levels in decades. Relative to the record price levels in 1995/96, grain and oilseed prices dropped 25 to 45 percent. Preceding this drop, record prices and changes in farm policies in the United States and the EU had brought 20 million hectares (mha) of additional land into crop production. And while prices have steadily declined to much lower levels than before 1995/96 level, crop area has only declined by 5 mha.

During the past two years, a relatively higher return for oilseed prompted farmers to shift area from grain to oilseed, and grain area declined by 18 mha, with 13 mha going into oilseed production. World grain area has lost most of the additional area brought in during 1996/97, but favorable growing conditions for the past three years have boosted production to record levels. This in turn has placed a downward pressure on prices. In addition to excess supplies, sluggish import demand from Asian countries has worsened the situation.

Continued decline in world grain area of 4 mha is projected for 1999/00, with wheat accounting for much of the decline. Similar to previous years, some of this decline is projected to go to oilseeds, increasing its area from 138 to 140 mha. Over the long run, grain area is projected to decline by an additional 1 mha and stabilize at 610 mha, whereas oilseed area continues to grow by another 7 mha, resulting in crop area increasing from 752 mha in 1999/00 to 758 mha in 2008/09.

World grain production is expected to grow by 13 percent over the next decade, with corn accounting for 16 percent of the increase, followed by wheat with 13 percent. The increased corn production is expected to come from both area and yield, with yield accounting for more than 90 percent of the growth. Developing countries are the primary growth market for world grain imports for the next decade. Many developing countries, particularly Asian countries, are likely to depend on imported food to meet their growing domestic consumption because of limited resources, particularly land. World grain trade is projected to grow more than 24 percent in the next decade.

World grain stock-to-use ratio, which has been increasing since 1996/97, is projected to decline from 17.3 percent in 1998/99 to 15.48 percent in 2008/09. The low stock-to-use ratio in the future suggests that grain prices will be more responsive to any shock from weather, macroeconomic situations, and other external factors. The average grain price is projected to bottom out this year and slowly recover from $127/mt in 1998/99 to $159/mt in 2008/09.

Wheat

World wheat area continues to decline from its record level of 231 mha in 1996/97. It is projected to decline to 223 mha by 1999/00. The majority of the wheat area decline in 1999/00 is likely to come from exporting countries such as United States, Argentina, Australia, and the EU. Although 1998/99 production is almost 25 million metric ton (mmt) lower than the record 609 mmt in 1997/98, it is still the second highest level on record. High carry-over stock and sluggish global demand are expected to bring the average 1998/99 Gulf wheat price to $120.5 per mt, 22 percent below the 1997/98 price.

After 1999/00, wheat area increases and stabilizes around 224 to 225 mha for the remaining projection period. However, world wheat production increases mainly through yield growth, from 600 mmt in 00/01 to 661.4 mmt in 2008/09. With area remaining flat, rising per capita consumption puts upward pressure on wheat prices, increasing the Gulf price to about $167 per mt by 2008/09.

World wheat trade is projected to decline by more than 5 percent in 1998/99. The decline would have been much higher without the more than 4 mmt of wheat exported through food aid by the United States and the EU. Contrary to general belief, this decline is attributable to lower imports by traditionally large wheat importing countries, such as China, India, Pakistan, Iran, and Morocco, rather than the results of the Far East Asian financial turmoil. Even with lower world wheat trade and a rebound in production during 1999/00, wheat price is expected to rise by more than $14 per ton at the Gulf port because of lower carry-over stock.

After 1999/00, as economies recover from the financial crisis, world wheat trade is projected to increase by more than 15 percent in the following decade. Most of the growth is expected to come from developing countries, where strong economic growth increases domestic wheat demand, especially in Asia

China is an exception to the trend in Asia, having decreased its wheat imports by more than 90 percent in the past three years. Over the next decade, China is not expected to import any where near historical levels. While its imports increase modestly to 2 to 3 mmt in the next few years, they then stay flat for the remaining projection period.

India has been a wild-card player. It has imported wheat in bad years to compensate for the domestic shortfall. But this has changed in the last two years. Rising per capita consumption in nontraditional wheat consuming regions has kept India in the wheat market even when domestic production has been good. Apart from the rising domestic demand, the Indian government has also been allowing private flour millers to import wheat whereas only state trading imports were allowed in the past. Over the next decade India is likely to be a consistent wheat buyer in the international markets.

Africa and the Middle East are likely to be the second largest growth market for wheat in the future, with imports increasing by more than 22 percent. The North African countries of Algeria, Morocco, and Tunisia will continue to depend on imported wheat for a large proportion of their supplies. Within the Middle East, Iran is likely to remain a growth market, increasing its imports by more than 1 mmt.

Similarly, Latin America is also projected to expand its imports by more than 15 percent in the future. Brazil and Mexico are the two largest importers of wheat within Latin America accounting for around 50 percent of the region's imports. Brazilian imports are likely to expand in the future because of MERCOSUR, under which Argentine wheat can enter Brazil without tariff. In the presence of low-cost Argentine wheat, it is unlikely that the Brazilian wheat area will expand in the future or that imports will expand by more than 13 percent to meet growing domestic consumption. In addition to Brazil, Mexico is also projected to expand imports by more than 1 mmt (30 percent).

Unlike the above three regions, transition economies, including Russia, are projected to be net exporters of wheat in the next decade. The historic turnabout comes from a continuing decline in animal inventories, which accounts for more than 40 percent of wheat consumption.

Most of the increased import demand from the developing countries will be met by traditional exporters such as the United States, Argentina, Australia, Canada, and the EU. In contrast to the United States and the EU, the other three exporters dispose of surplus production from saturated domestic markets via the export market. Although wheat area in these countries remains relatively flat, additional production, primarily from yield growth increases their exports by 7 mmt. Unlike Argentina, Australia, and Canada, the EU subsidized exports are constrained at the GATT maximum level by the lower wheat price until 2005/06. From 2006 to 2008, the EU expands its wheat exports from 13.3 to 20.6 mmt, as the world price becomes higher than the EU domestic price, enabling the EU to export without subsidy.

Prospects for the U.S. wheat market share are closely linked to the development in the EU. As long as the EU wheat exports are constrained by GATT limitations, U.S. exports are projected to expand and exceed 30 mmt by 2005/06. But as soon as the EU starts exporting without subsidy, U.S. wheat exports remain flat for last three years of the projection period.

Rice

Unlike other crops, rice has been spared from recent downturns in crop prices. Average Thai rice price for 1998/99 is projected to be slightly lower than the 1997/98 price. The strength of the rice price is mainly attributable to lower world production this year. The price would have been even higher than 1997/98, if lower production would have come from importing countries rather than exporting countries. Rice production in 1998/99 is projected to be 7 mmt lower than last year, mainly because of lower production, mostly in China, and to some extent in India, Thailand, and Japan. World rice trade in 1998/99 is projected to be 18.75 mmt as compared to 22.25 mmt last year, mainly because of lower Indonesian imports. This year's imports are in line with the historical trend as Indonesian production returns to a more normal level.

Assuming normal weather, world rice production is projected to be 390.4 mmt in 1998/99, 12.5 mmt higher than last year. Higher production is expected to keep rice price close to the 1998/99 level. Over the long run, world rice area is projected to decline by more than 2 mha. An increase in rice area in Indonesia, Uruguay, Argentina, and Myanmar is more than offset by declining area in China, Thailand, Japan, South Korea, and Brazil. Even with declining area, rice production is projected to increase to 426 mmt in 2008/09 solely through yield growth.

Rice consumption patterns have been changing significantly, both in traditional and nontraditional rice consuming regions. Strong income growth and urbanization in traditional rice consuming regions, particularly in Asian countries, are driving shifts in consumption patterns from rice to wheat. On the other hand, economic growth is increasing the per capita consumption in many poor African countries. In addition, per capita rice consumption is also increasing in nontraditional rice consuming regions such as North America, Europe, and South America.

Total world rice consumption is projected to rise by 40 mmt during the projection period, but world rice trade is projected to increase by only 3 mmt. The thinness of the rice market, where less than 5 percent is traded, is unlikely to change in the future. The primary Asian rice-producing countries strive to achieve self-sufficiency at any cost and it is nearly impossible for policymakers to take any steps that may destabilize the rice price.

Thailand, the world's largest rice exporter, is projected to increase its exports from 5.5 to 6.7 mmt by 2008/09. Along with Thailand, other major Asian exporters, such as Vietnam, India, Pakistan, and Myanmar are projected to account for most of the remaining growth in world rice trade. China is projected to be a small net exporter of rice by importing high quality rice and exporting lower quality domestic rice. The U.S. market share is projected to decline in the long run in response to rising domestic consumption and slower production growth.

Indonesia continues to remain a significant rice importer. Japan and South Korea are expected to abide by the GATT import access commitments by increasing its imports. Outside Asia, Brazil is also projected to increase its imports by 50 percent because of the duty-free access to Argentine and Uruguayan rice through MERCOSUR.

Coarse Grains

Coarse grain prices have plunged more than 40 percent from a peak in 1995/96. While world coarse grain area has declined by more than 5 percent, production has declined by less than 2 percent because of favorable weather conditions in most producing regions. Sluggish import demand from South East Asian countries contributed to the downturn in coarse grain prices. World corn trade is projected to decline by more than 10 percent in 1998/99, bringing down the corn price to $94.00 per mt at Gulf.

Over the long run, world coarse grain area is projected to go down slightly, with a decrease in barley area partially offset by an increase in corn area. Even with declining area, world coarse grain production expands through yield growth, increasing from 789 to 899 mmt (an increase of more than 13 percent). World consumption is also projected to rise with the recovery of Asian economies, increasing coarse grain prices by more than 24 percent by 2008/09. During the projection period, world coarse grain trade is projected to increase by more than 32 percent.

Corn. Among coarse grains, corn trade tops the list by increasing more than 36 percent over the projection period. Most of the growth in import demand is likely to come from developing regions. Asia remains the fastest growing market for corn, accounting for more than 50 percent of the increase. Asian markets may be categorized under three different groups, traditional markets, growth markets, and future markets.

Traditional markets include Japan, Taiwan, and South Korea, which have accounted for more than 90 percent of Asian corn imports. Japanese corn imports are projected to continue a slow decline in response to a decrease in livestock production. Taiwan's corn imports have declined significantly since 1997 because of an outbreak of foot-and-mouth disease (FMD). The recently imposed environmental restrictions will hold down a recovery in Taiwan's hog inventory. However, by 2008/09, corn imports are projected to increase from 4.5 to 5.7 mmt.

Growth markets include Thailand, Philippines, Indonesia, and Malaysia, the countries that have been significantly affected by recent economic turmoil. In the last decade, these countries have transformed from being more or less self-sufficient to importers of more than 4 mmt of corn. But the recent crisis has reduced their imports by more than 40 percent in last two years. It is expected that corn imports in these countries will increase up to the pre-crisis level by end of next decade.

Finally, India and China fall under the category of future markets. In last two years, China has proved everybody wrong by exporting significant amounts of corn, mostly to Asian countries. Despite the slowing of economic growth in the short run, which is likely to slow the growth in animalproduction, China is projected to be a net exporter of corn until 2002/03. However, during the second half of the projection period, domestic demand is likely to outpace production, leaving the country in a net importer position. By 2008/09, China is projected to import more than 5 mmt of corn.

Latin American countries are also growth markets for corn in the next decade, increasing their imports by more than 13 percent. Mexico has been importing well above the tariff quota (TRQ) level since its implementation under the North Atlantic Free Trade Agreement (NAFTA). Expanding uses for feed are likely to increase Mexico's imports from 4.15 mmt in 1998/99 to 4.3 in 2001/02. However, decline in feed utilization is projected from the poultry sector, which is likely to be liberalized in 2002. This will negatively affect the domestic poultry industry and Mexico's corn imports. Meat consumption in other Latin American countries is also expected to increase. Domestic production will not satisfy the demand for feed and Latin American corn imports will rise by 1.9 mmt.

On the export side, there are few countries besides the United States with the potential to expand exports to meet rising world demand. The relative inability of competitors to significantly increase their exports allows the United States to expand its exports from 42.5 to 60.3 mmt, accounting for most of the increased market opportunity. The U.S. market share increases from 77 to 81 percent by 2008/09.

Argentina is a country with a proven ability to expand exports under the right circumstances. The weaker corn price this year is likely to reduce next year's corn planted area in Argentina, reducing its export by more than 1.3 mmt. But over the long term, production shows a yield growth, and corn exports expand from 7.67 mmt in 1999/00 to 9.3 mmt in 2008/09.

Barley and Sorghum. Unlike corn, barley and sorghum trade is projected to increase at a rather slow pace in the next decade. Barley import demand primarily comes from China and Saudi Arabia. In China, higher barley demand in the brewing industry increases imports from 2 to 3.3 mmt, whereas in Saudi Arabia barley imports increased from 5 to 5.9 mmt because of higher usage in the livestock industry. On the export side, the EU supplies most of the expanded market, whereas other exporters such as Australia and Canada are limited because of lower barley production.

In the sorghum market, import demand primarily comes from two countries, Japan and Mexico. Japanese imports are projected to continue to decrease because of declining livestock production in the face of import liberalization. On the export side, the United States is the primary exporter and is projected to expand from 4.85 to 6.11 mmt.

Oilseeds

The world area harvested for major oilseeds increased by more than 6 mha to 138.3 mha in 1998/99—an increase of 4.61 percent from last year. While the area under soybeans grew by about 1.4 mha, area under rapeseed and sunflower grew by nearly 2 mha each, and that under peanuts grew by 1 mha. Increased production with stagnating demand for some oilseed products (especially meals) resulted in record drops in some product prices this year. Oil prices remained more or less stable, mainly due to large shortfalls in palm oil supplies. Nonetheless, relatively lucrative producer prices for major oilseeds, compared to other crops, may result in another bumper crop next year, thus keeping prices depressed for another year.

World oilseed area harvested is expected to continue expanding over the projection period, although at a slower rate. The total harvested area under selected oilseed crops is expected to be around 147.2 mha by 2008/09 and the total oilseeds production is projected to reach 284 mmt by 2008/09 (an increase of 16.4 percent). There is similar increase in oilseeds crush (19.5 percent). World oilseed prices are expected to fall again for the next year and stabilize thereafter, registering a moderate increase over the rest of the projection period.

Total oilseeds area in the EU overshot the Blair House limit of 4.936 mha (5.482 mha including the oilseeds set-aside area) by 8.35 percent. Within the Union, the area in Italy was 57 percent above its allocated area of 487,800 hectares; the United Kingdom overshot its allocation by 45.4 percent, and Greece and Ireland each by about 40 percent. Another large overshoot in the total area planted is expected for the next year. Oilseed prices remain relatively competitive despite ensuing penalties for over-planting.

Oil meal consumption is expected to increase sharply from the current 141.1 mmt to nearly 170 mmt by the end of the projection period. Among different oil meals, the highest absolute increase is expected in soy meal consumption (more than 21 mmt, which is very similar to the increase in soy meal production expected from the nearly 28 mmt increase in soybean crush). The EU imported record amounts of soy meal during 1998/99, an increase of about 1 mmt over the last year and 2.6 mmt over 1997/98. In the long run, the demand for soy meal is primarily driven by the demand from the EU and the expansion of the Chinese meat sector.

Increasing incomes in less-developed countries play a crucial role in the nearly 16.3 mmt increase in selected vegetable oil consumption by 2008/09. On a per capita basis, world vegetable oil consumption is expected to increase by another 1.5 kilograms per person per year over the entire period. The largest increase is expected for palm oil and soy oil (half-a-kilogram for each) followed by rapeseed. Lower initial prices boost stock levels early in the projection period and are expected to level off subsequently. Vegetable oil prices are projected to fall in the early projection years but are expected to strengthen later in the projection period.

World Meat

In the short run, the world meat outlook is dominated by impacts of the Asian and Russian economic crises, which prompted a 3.5 percent decline in net imports of beef, pork, and broiler meat in 1998. Excess pork supplies in most pork exporting nations kept hog prices low, allowing pork net exports to increase 1.6 percent, while beef and broiler exports both declined. Beef and broiler trade is expected to be stagnant in 1999, but broad-based growth in meat trade is projected to coincide with the recovery of most Asian economies in 2000.

In the long run, world production of beef, pork, and poultry products is projected to increase at an annual rate of 1.9 percent from 1998 to 2008, amounting to a total increase of 30.9 mmt. A rise in pork production accounts for more than half of the total growth in meat output, with poultry accounting for 38.7 percent and beef 7.6 percent.

Regionally, more than 55 percent of the total increase in meat output occurs in China and 5.2 percent increase in other Asian and Oceanic countries. North American countries generate about 23 percent of the total increase in meat production, with the United States contributing the lion's share. Increases in Argentine and Brazilian meat production constitute nearly 10 percent of the total growth, and the EU contributes 5 percent. Meat production in the Newly Independent States (NIS) declines 0.7 mmt over the next decade, with the largest decreases occurring in the beef sector.

The meat production increase in most regions of the world is destined for domestic consumption; however, a significant share of the increase in the United States, Canada, Argentina, and Brazil makes its way into international markets. Total meat trade rises 3 mmt from 1998 to 2008, with 46 percent of the increase occurring in broiler trade. The largest growth in imports occurs in China and other Asian countries and in the NIS. High-quality products and competitive prices allow U.S. exporters to capture more than 90 percent of the increase in total meat trade.

Beef

Low cattle prices and gradually rising feed costs are projected to induce further declines in slaughter and beef production in the United States until prices peak in 2002. Despite rising cattle prices and beef imports, weak domestic demand allows U.S. beef net exports to rise more than 80 tmt annually after 2000. The United States is projected to surpass Australia and become the world's largest beef exporter in 2001 and a net exporter of beef in 2003.

The combination of rising Canadian beef prices and growing packing capacity is expected to reduce Canadian live cattle exports to the United States. A 2.2 percent increase in their beef exports is expected as domestic laughter increases. Beef consumption in Mexico is projected to grow at an average rate of 1.6 percent yearly over the next decade. Production rises slightly slower than consumption, prompting an average increase in beef imports of 15 tmt each year.

Argentine cattle inventories and beef production declined again in 1998, but high domestic beef prices, declining feed costs, and a positive outlook for the industry spur steady growth in Argentina's beef sector for the remainder of the projection period. Argentina was declared free of FMD in 1997, and it is projected that Argentine beef exports to the United States and other FMD-free countries will increase in the long run. Brazilian beef production increases 16 percent over the next decade, but a 5 percent increase in per capita beef consumption keeps Brazilian exports from growing appreciably.

Beef consumption in the EU rose 3.3 percent in 1997 and an additional 1.5 percent in 1998 before resuming a gradual downward trend. Weak beef prices and a steady decline in dairy cattle numbers cause EU beef production to fall for the next two years Beef stocks, which decline each year through 2001, absorb 87 percent of the 263 tmt production increase in 2003. Stocks continue to rise more than 100 tmt annually through the end of the projection period, driving the total to 1.8 mmt by 2008. In the past, the EU has been able to moderate stock accumulations by increasing exports; however, WTO restrictions on subsidized exports are expected to limit the EU's ability to raise beef exports.

Russian beef imports in 2000 are projected to be 30 percent below the 1997 level as a consequence of the economic downturn in August 1998. As economic growth begins, per capita beef consumption is expected to stabilize at 14.1 kg per person; however, more than a decade of declining cattle inventories prevents domestic production from recovering before the end of the projection period.

Despite beef import tariff reductions in Japan and South Korea, beef trade is projected to be below 1997 levels for the next few years. Beef imports then begin rising after 2003 at a rate of 4.5 percent annually. During the last half of the projection period, Japanese beef production is stagnant, allowing the United States and Australia to capture the lion's share of beef demand growth. Taiwanese beef imports, also affected by the Asian financial crisis, remain stagnant through the first two years of the new millennium before rising to 107 tmt in 2008.

Australian live cattle exports to Indonesia and the Philippines dropped more than 400,000 head in 1998 in response to economic distress in these countries. Beginning in 1999, Australian live cattle trade is projected to gradually recover. Australian beef exports are expected to remain stable at an average of 1.15 mmt. Driven by the growth in the dairy sector, New Zealand beef production is projected to increase gradually at less than 1 percent each year. New Zealand beef exports grow, correspondingly, 1.1 percent annually.

Pork

High grain prices in 1996 and the outbreak of FMD in Taiwan prompted a 2.3 percent decline in world pork production in 1997; however, global output rebounded in 1998, reaching 67.7 mmt. Pork production in many countries is expected to grow slowly in 1999 and 2000. Low prices will stimulate greater consumption, which will be further bolstered in the new millennium by the economic recovery in several Asian countries. World pork output is projected to reach 84.3 mmt by 2008, an increase of 24.5 percent over 1998 levels. Nearly 80 percent of the total increase in world pork output is projected to occur in China, while the EU, United States, and Brazil will each experience production increases in excess of 300 tmt.

From 1994 to 1996, international trade in pork grew an astounding 20 percent each year. During those years, the Asian import market accounted for more than half of total pork imports and much of the growth. Growth in world pork trade abruptly stopped when trade between Taiwan and Japan was disrupted by the FMD outbreak in Taiwan.

Pork importers in Asia are expected to further reduce imports in 1999 and 2000 before resuming the role of a viable engine for pork trade growth in the new millennium. In addition, Russian pork imports are projected to decline 10 percent in 1999 and another 3 percent in 2000.

In the short run, increases in pork trade are limited to Eastern Europe, etc. After 2000, pork import growth will be more broad-based, including growth in both traditional and new import markets.

Canadian pork exports are expected to decline slightly in 1999. A 10 percent reduction in the Canadian sow herd causes a decline of similar magnitude in total pork output, reducing Canadian export supply. However, planned increases in slaughter capacity in Canada are expected to decrease Canadian live hog exports to the United States and increase pork exports between 2000 and 2002. Falling U.S. hog prices in 2003 will enable U.S. exporters to capture an increasing share of world pork trade, and will erode some of the Canadian export gains.

An excess supply of hogs in the United States pushed processors to capacity in 1998, driving hog prices to historic lows in many states. In response, hog inventories and pork production are projected to contract 5 and 1 percent, respectively. U.S. hog prices in 1999 are projected to average $35 per hundredweight for the year, enabling U.S. exporters to remain competitive with producers in Canada and Europe. In 2000, gradually rising hog prices prompt some retention of breeding stock, further reducing U.S. pork output. A decline in broiler prices in 2000 encourages U.S. consumers to substitute away from pork, and per capita pork consumption drops to 1997 levels. The reduction in domestic demand alleviates some of the upward pressure on U.S. hog prices caused by declining pork production and increasing exports. By 2001, the inventory build up begins to increase U.S. pork output. By 2003, excess supply causes U.S. hog prices to turn down for the first time since 1998.

In the long run, hog producers in the United States have an export advantage because they possess abundant grain supplies, a well-developed transportation system, efficient production technology, and are not as hampered by environmental restrictions as are producers in Europe and Asia. The United States will replace the EU as the world's largest net exporter of pork in 2008.

China will remain the world's largest producer of pork in the next decade. Pork production in China is projected to climb more than 50 percent, spurred by continued growth in domestic consumption. In the long rung, strong domestic demand will put upward pressure on Chinese hog prices and reduce China's pork exports.

Pork imports by Japan and Hong Kong rise in response to growing per capita income. Japanese pork imports are projected to grow more than 38 percent in the next 10 years. Consumers in Hong Kong are purchasing more meat from supermarkets, increasing the demand for frozen pork products. Hong Kong pork imports rise to 337 tmt by 2008; however, most likely between 100 and 150 tmt will be unofficially transshipped to Mainland China.

As a consequence of the economic turmoil in Russia, pork imports in 2000 are projected to fall 145 tmt below the 1997 level. Imports approach 350 tmt by 2008 as the economy recovers. Beginning in 2003, a gradual recovery of Russian pork production will slow import growth. Exporters in Poland and the EU are expected to supply most of the increase in Russian pork imports. Unsubsidized pork exports from the EU are sensitive to international price changes, but total EU exports are projected to remain stable at around 1.1 mmt. Polish pork exports gradually decline over time as a greater share of pork production is consumed domestically.

Poultry

Over the next 10 years, per capita poultry consumption is projected to rise an average of 1.4 percent annually. World poultry production will grow briskly at 2.8 percent each year. Roughly 40 percent of the total growth in production is expected to occur in the United States. Other countries experiencing major increases in poultry output are China, Brazil, the EU, and Mexico. Broiler trade expands 39.8 percent from 1998 to 2008 for a total change of more than 1.3 mmt. China, Japan, and Mexico account for 73 percent of the import growth. Hong Kong, Russia, and South Korea absorb the remainder of the increase in broiler exports. U.S. exports of broiler meat are projected to climb rapidly, rising an average 5.5 percent annually. Low production costs, high quality, and competitive prices allow the United States to capture virtually all of the projected growth in international broiler trade.

Mexico's broiler imports are projected to nearly double in 2003 when imports from NAFTA countries are allowed in duty-free. After the initial increase, imports are projected to continue to grow at a rate of 2 percent annually. Brazilian broiler exports expand an average of 16 tmt annually. Abundant grain supplies and high productivity give both Brazil and the United States an advantage over competitors in Europe and East Asia.

After 2000, poultry production in the NIS is projected to expand 3.2 percent each year; however, the domestic industry still suffers from high production costs, low productivity, and financial weakness. Consequently, as consumer purchases respond to the economic recovery, broiler imports will rise 2.2 percent annually.

During the next decade, Chinese poultry output is projected to increase an additional 85 percent, making China the world's second largest poultry producer by the end of the projection period. Per capita consumption of poultry rises 5.9 percent annually, surpassing domestic production growth. Consequently, China's imports of broiler meat climb more than 40 percent by 2008. Strong competition from Thailand, Brazil, and the United States prevents China's broiler exports from growing significantly. Depreciation of the Thai baht relative to the U.S. dollar strengthens Thailand's broiler exports in 1998 and 1999. In the long run, the recovery of domestic consumption in Thailand reduces its exportable surplus of broiler meat and puts upward pressure on domestic prices, eroding Thailand's competitive position relative to the United States and Brazil.

World Dairy

World milk production is projected to increase 12.7 percent over the next decade. Just over 50 percent of the increase occurs in Brazil, the United States, Argentina, and China. Rising production in India accounts for 24 percent of the total growth, with most of the increase in output channeled into fluid consumption. Milk production in New Zealand and Australia increases approximately 30 percent over the projection period. More than 60 percent of total milk production in Australia and New Zealand is used to produce butter, cheese, and milk powder, 70 percent of which is exported from Australia and 90 percent from New Zealand. The growth in Brazilian milk output is used to satisfy the rising domestic demand for fresh milk and dairy products; however, Argentine milk production is increasingly finding its way into international markets. Argentina's exports of all major dairy products are projected to increase 50 to 100 percent by 2008.

International butter prices increased 7.4 percent in 1998, due, in part, to the 10 percent decline in U.S. butter production. The United States switched from being a small net exporter of butter in 1997 to a net importer of 16 tmt in 1998. At the same time, EU butter exports declined 47 tmt, tightening international butter supplies. Butter price increases were moderated by the 21 percent drop in Russian butter imports. Russian butter import demand is expected to remain weak in 1999 and 2000, prompting a 3 to 2 percent annual decline in the FOB price of butter at Northern European ports. As the global economy recovers from the Asian and Russian economic crises, butter demand is projected to grow steadily at 1.3 percent each year, with the greatest increases in imports occurring in Russia, Egypt, India, and Japan. Exporters in Australia, the EU, and New Zealand benefit from the increase in butter trade.

Per capita cheese demand around the world grows an average of 8 percent over the next decade for a total increase in cheese consumption of 18.8 percent. The United States and the EU account for 71 percent of the total increase in cheese consumption, and Argentina, Brazil, and Japan account for an additional 16.3 percent. Excluding Japan, domestic producers supply virtually all of the additional cheese consumed in these countries. Growing cheese demand in Japan is met by imports, largely from Australia and New Zealand. International cheese prices dropped 8 percent in 1998 as a consequence of below-average Russian imports. Beginning in 1999, cheese prices gradually ascend, remaining above $2,400 per mt for the majority of the projection period. WTO export subsidy constraints will cause EU cheese exports to fall slightly in the next two years; however, strong international prices will enable EU cheese exports to grow slowly after 2001.

Despite reductions in 1998 imports, the demand for imported dry milk remains stable in Asia. Small increases in nonfluid dairy (NFD) production in Australia and New Zealand combine with substantially lower Asian milk powder imports in 1998 and Russian imports in 1999 to reduce international nonfat dry milk powder prices 16.5 percent in 1998 and 13.3 percent in 1999.

In the long run, rising demand for NFD in Mexico and Asia outpaces domestic production, causing imports and international prices to creep upward. The strong demand for cheese in the United States and Europe attracts milk from production of other dairy products in these countries, adding to the upward pressure on international milk powder and butter prices.

Whole milk powder (WMP) trade is projected to grow a modest 4.5 percent over the next decade. EU whole milk powder production and exports decline steadily throughout the projection period, with exports dropping nearly 19 percent by 2008. Argentina, Australia, and New Zealand are able to supply the increase in WMP exports, as well as the 97 tmt of existing import demand abandoned by EU exporters. The devaluation of Brazil's currency raises the cost of WMP imports, prompting a 23 tmt decline in Brazilian import demand in 1999. Continued growth in domestic demand for WMP induces Brazilian production to rise 24 percent by 2008, and Brazilian WMP imports increase 3 tmt annually after 2001. Like other dairy products, international WMP prices are projected to decline slightly in 1999 and 2000 before gradually increasing for the remainder of the projection period.

In summary, the world outlook is characterized by excess supply and falling prices in the short run in many markets. In the longer run, economic recovery and declining inventory-to-use ratios will increase demand and induce higher prices for most commodities—a more optimistic outlook!

BASELINE ASSUMPTIONS AND PRICE PROJECTIONS

Macroeconomic Assumptions

•The rate of world economic growth of real GDP is projected to slowdown to 1 percent in 1999 because of negative growth in many Asian and Latin American countries and slower growth in developed countries. As countries recover from crisis, world real GDP growth rate is projected to bounce back to more than 3 percent by 2003, and remain at that level.

•The U.S. economy is expected to slow in the short run because of the financial crisis in Asia and Latin America. The strength of the U.S. dollar relative to Asian and Latin American currencies is further weakening U.S. export competitiveness and reducing GDP growth to 2.1 percent in 1999. Currency devaluation in Asia and Latin America will continue over the next two to three years, with the notable exceptions of South Korea and Thailand. Currencies in Europe, Japan, and Canada are expected to strengthen against the U.S. dollar over the 10-year horizon. In the long run, U.S. GDP growth recovers to 2.3 percent as Asia begins to recover. U.S. inflation rates are expected to remain low over the next 10 years, with cheap imports disciplining U.S. prices.

•Japan is projected to have negative real GDP growth for 1999. South Korea, is emerging from its financial crisis, and is projected to have 1 percent growth in 1999. In addition to countries directly affected by recent crisis, other major countries such as China, India, and Taiwan area also projected to slowdown significantly in 1999 but without recession.

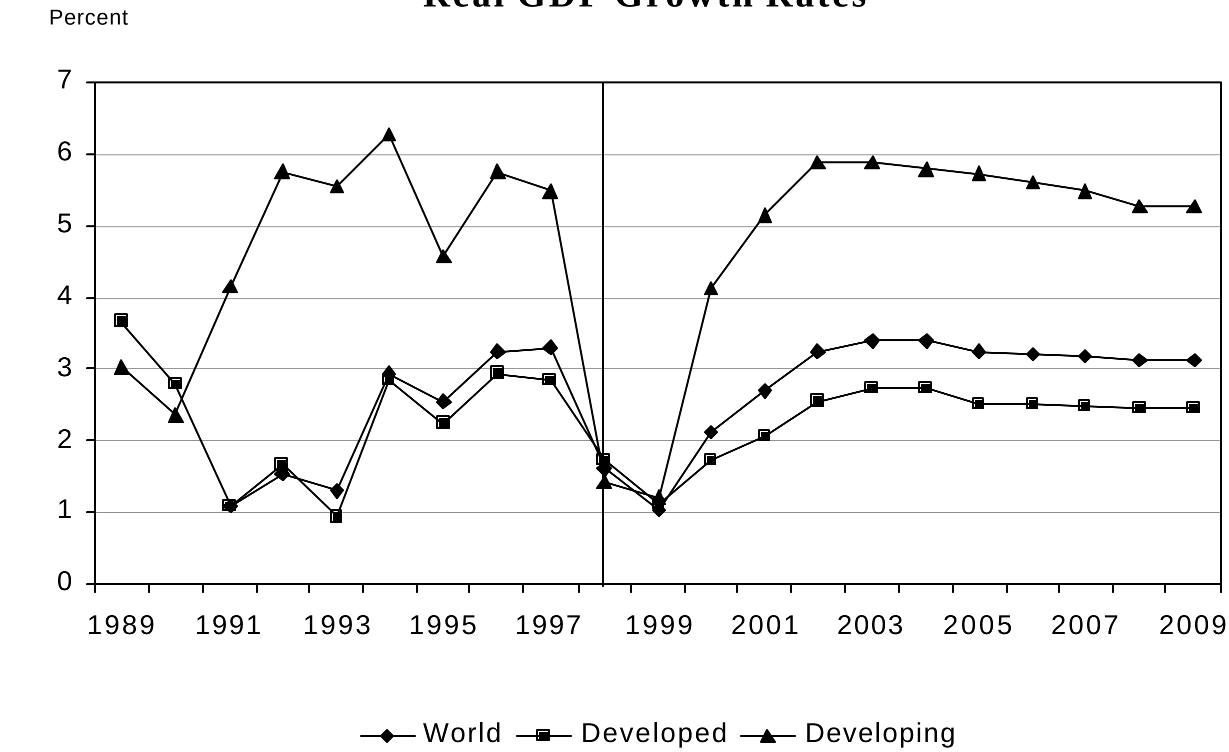
•After 1999, Asian countries are projected to recover to close to the pre-crisis levels by 2003. Chinese real GDP growth rate is projected to increase from 4.3 percent in 1999 to 7.9 percent by 2002 and then slowly decline, reaching 6.9 percent by 2009. Other Asian countries exhibit similar recovery patterns.

•Major Latin American countries (Brazil, Argentina, and Venezuela) will have negative income growth in 1999. The Brazilian economy is affected by its own financial problems, huge government debt, and also its strong ties with Asian economies. Slowdown in Brazil, the largest economy in Latin America, is also projected to impact Argentina because of its dependence on the Brazilian market. Over the long run, Latin American countries recover more vigorously and grow at a stronger rate. For example, Brazil will grow at a rate of around 4.5 percent, and Argentina is projected to grow at a rate close to 6 percent annually.

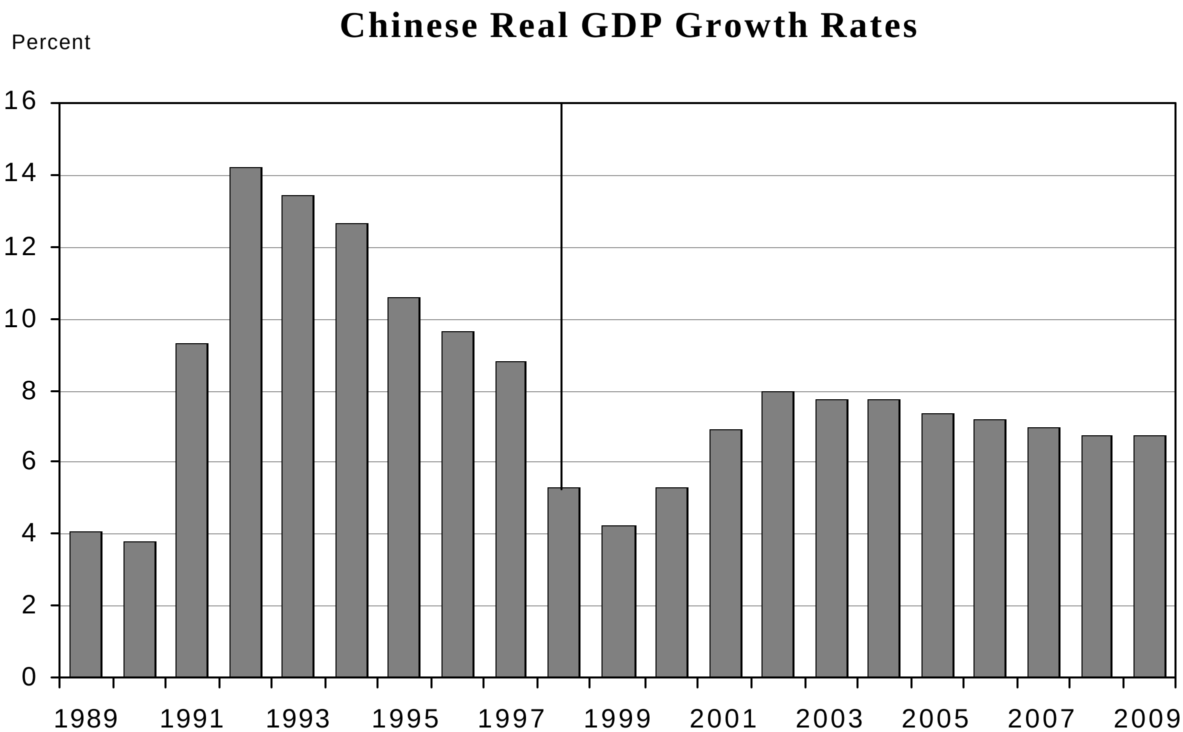
•Many African countries have been spared from the recent slowdown because of their isolation from the rest of world in terms of trade. Many African countries are projected to have strong growth in the next decade. For example, Egypt and South Africa are projected to grow at 5.7 and 3.1 percent, respectively, for most of the projection period.

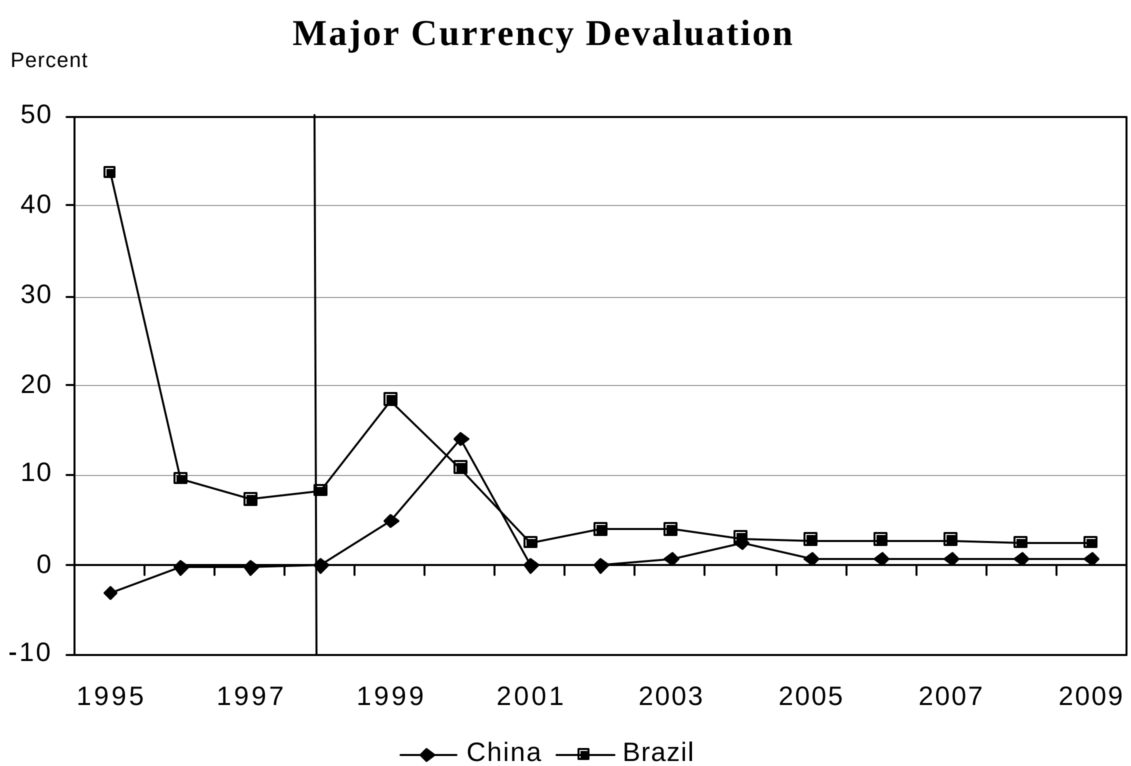
•Many oil exporting countries such as Iran, Saudi Arabia, and Venezuela have also been hit hard in 1998 because of low oil prices. The projected low oil price for 1999 is keeping the economic growth in these countries at very low levels. Over the long run, the real GDP growth in these countries is projected to rise as oil prices recover.

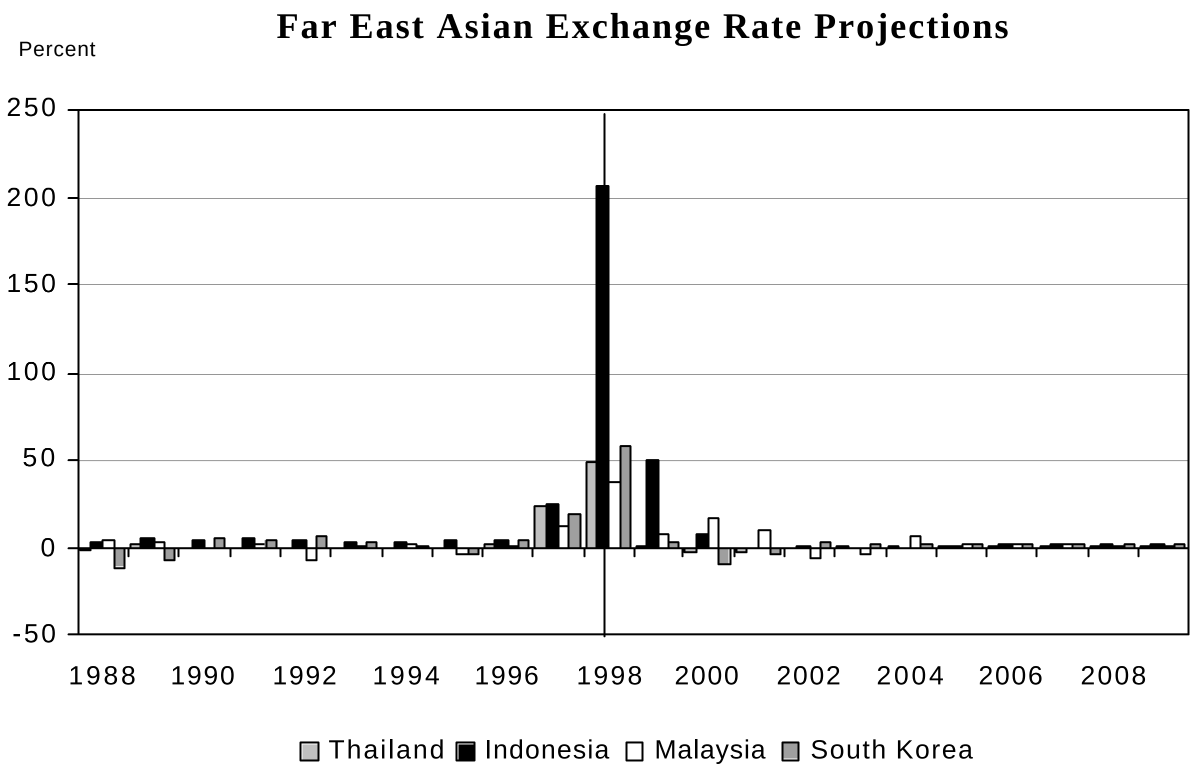
Real GDP Growth Rates

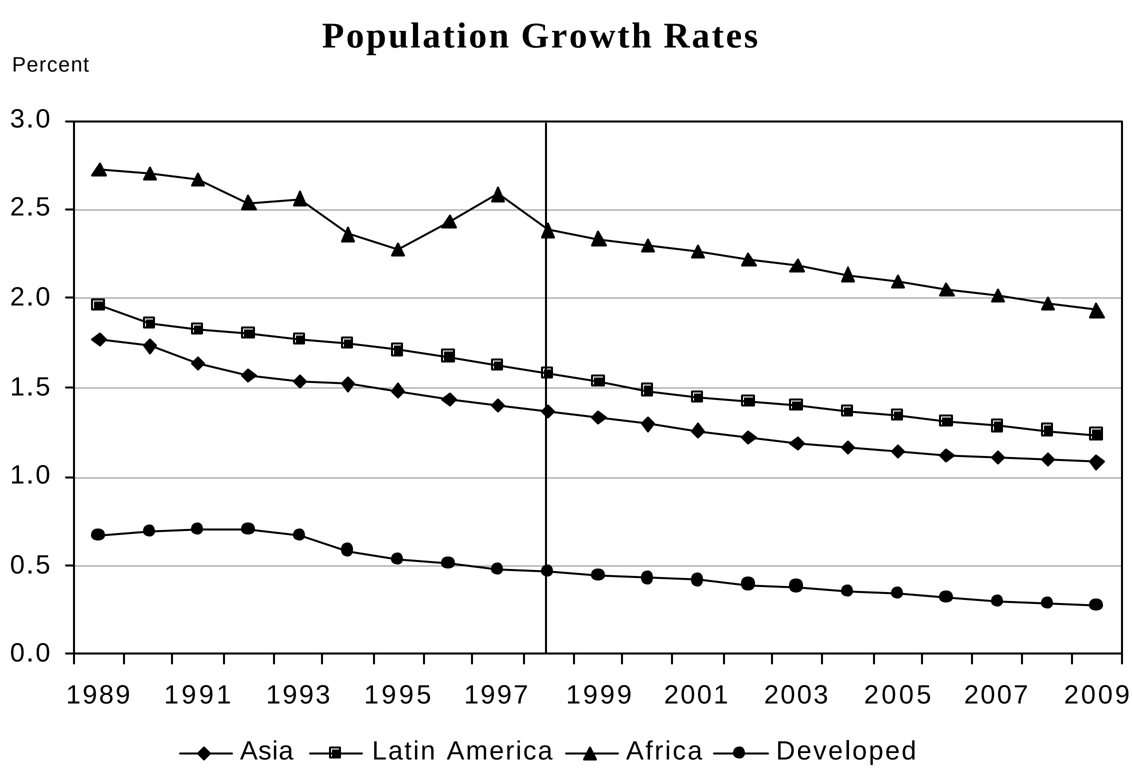


Far East Asian Real GDP Growth Rates


Chinese Real GDP Growth Rates
Percent
16
14
12
10
8
6
4
2
0
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009


Major Currency Devaluation
Percent
50
40
30
20
10
0
-10
1995
1997
1999
2001
2003
2005
2007
2009
China
Brazil


Far East Asian Exchange Rate Projections
Percent
250
200
150
100
50
0
-50
1988
1990
1992
1994
1996
1998
2000
2002
2004
2006
2008
Thailand
Indonesia
Malaysia
South Korea


Population Growth Rates
Percent
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1989
1991
1993
1995
1997
1999
2001
2003
2005
2007
2009
Asia
Latin America
Africa
Developed

Real GDP Projections

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
					(Percentage Change from Previous Year)							
World	1.6	1.0	2.1	2.7	3.2	3.4	3.4	3.2	3.2	3.2	3.1	3.1
Developed Market Economies												
Australia	4.0	2.4	2.9	1.7	1.8	2.0	2.1	2.2	2.3	2.4	2.5	2.6
Canada	3.0	2.2	2.0	3.8	3.7	3.6	3.5	3.4	3.3	3.3	3.3	3.3
European Union	2.7	2.4	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Japan	-3.6	-3.2	-0.4	0.9	1.8	3.0	3.2	2.5	2.5	2.6	2.4	2.4
New Zealand	2.3	1.2	3.6	3.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Turkey	5.9	4.2	3.5	4.0	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
United States	3.5	2.1	2.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Economies in Transition												
Eastern Europe	4.1	4.4	5.1	5.2	5.2	5.0	5.1	5.0	4.4	4.2	4.3	4.3
Bulgaria	3.6	4.4	5.7	4.6	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Czech Republic	0.0	1.6	3.2	4.0	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Hungary	5.1	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Poland	6.2	5.4	5.0	4.9	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Romania	-3.7	4.2	3.6	1.3	2.7	3.0	3.2	3.7	3.6	3.8	4.0	4.2
Slovakia	5.8	3.7	6.0	5.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Former Soviet Union	-3.1	-4.2	-1.5	4.1	4.5	4.4	4.8	4.8	4.9	4.7	4.6	4.6
Russia	-3.7	-2.9	-2.0	0.0	2.0	2.2	2.4	2.6	2.8	3.0	3.0	3.0
Ukraine	-1.6	-3.0	-1.0	-0.1	0.9	1.2	1.6	2.0	2.4	2.8	3.0	3.0
Other Economies												
Asia												
China	5.3	4.3	5.3	6.9	7.9	7.7	7.7	7.4	7.2	7.0	6.7	6.7
Hong Kong	-4.0	-0.2	1.9	3.7	4.6	5.5	4.4	4.4	4.3	4.2	4.1	4.1
India	4.5	4.9	5.4	5.8	6.2	6.5	6.0	5.7	5.6	5.4	5.3	5.3
Indonesia	-15.3	-5.6	3.8	5.2	6.2	7.2	6.0	5.9	5.7	5.4	5.1	5.1
Malaysia	-6.0	-2.7	2.2	3.3	3.9	4.3	4.6	5.3	4.9	4.3	4.2	4.2
Pakistan	4.3	4.3	5.2	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.6
Philippines	-2.0	-2.9	2.8	4.1	5.3	5.8	5.2	5.0	4.9	4.7	4.7	4.7
South Korea	-6.7	1.0	4.2	6.1	6.7	6.6	6.1	6.0	5.9	5.9	5.8	5.8
Taiwan	3.8	1.0	4.4	4.7	5.6	5.7	5.9	5.7	5.6	5.5	5.5	5.5
Thailand	-8.5	-2.3	4.8	6.6	7.7	7.3	6.6	6.4	6.2	6.0	5.8	5.8
Vietnam	4.4	2.3	4.1	5.3	6.2	6.4	6.3	6.2	6.2	6.1	6.0	6.0
Latin America												
Argentina	4.9	-1.5	3.1	5.7	5.4	5.6	6.0	6.1	6.0	5.9	5.7	5.7
Brazil	0.2	-2.0	2.4	4.0	5.2	4.8	4.7	4.7	4.7	5.0	4.4	4.4
Columbia	3.1	3.9	4.3	4.1	5.4	5.0	4.6	4.5	4.4	4.4	4.3	4.3
Mexico	4.4	2.6	5.1	4.2	4.7	5.0	4.8	4.8	4.8	4.8	4.9	4.9
Paraguay	1.5	-2.0	3.1	4.2	4.6	4.5	4.4	4.3	4.3	4.3	4.1	4.1
Uruguay	3.0	3.5	4.0	4.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Venezuela	-1.5	-2.0	4.0	5.3	5.4	5.8	6.3	6.7	5.7	5.1	4.7	4.7
Africa												
Algeria	3.7	4.0	4.3	3.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Egypt	4.9	5.1	5.5	6.0	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
Morocco	6.1	4.6	7.0	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
South Africa	0.3	2.0	4.0	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Tunisia	5.0	4.5	4.3	4.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Middle East												
Iran	-2.5	0.6	2.8	2.7	2.9	3.1	3.3	3.5	3.6	3.7	3.8	3.9
Israel	1.7	2.4	4.4	5.0	4.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7
Saudi Arabia	-2.2	0.9	1.4	1.5	1.8	2.1	2.3	2.5	2.6	2.7	2.8	2.9

Source: WEFA Group, Fourth Quarter 1998; Project Link, November 1998; and Standard & Poor's DRI.
Projections after 2003 are FAPRI estimates.

GDP Deflator Projections (Expressed in Local Currency)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				(Percentage Change from Previous Year)								
World	-6.9	5.4	4.4	4.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Developed Market Economies												
Australia	2.2	3.0	1.5	2.0	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.2
Canada	1.4	1.7	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
European Union	1.6	1.6	1.9	2.0	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Japan	0.5	-0.8	0.4	1.0	0.9	1.0	1.5	1.7	1.7	1.7	1.8	1.8
New Zealand	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Turkey	64.9	60.9	43.8	47.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
United States	1.4	3.1	2.3	2.0	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Economies in Transition												
Eastern Europe	17.0	11.6	9.7	8.3	7.2	6.7	6.2	5.8	5.6	5.3	5.0	5.0
Bulgaria	22.2	11.0	13.1	5.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
Czech Republic	10.4	9.0	6.6	6.5	4.8	4.7	4.6	4.5	4.4	4.3	4.2	4.1
Hungary	14.7	12.7	10.8	9.3	8.1	7.9	7.6	7.5	7.3	7.2	6.9	6.9
Poland	11.0	9.0	8.0	7.0	7.0	6.0	5.5	5.0	4.5	4.0	3.5	3.5
Romania	25.7	34.5	38.7	51.4	31.5	26.0	22.0	18.0	14.0	10.0	7.0	7.0
Slovakia	6.5	8.4	3.4	5.8	6.2	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Former Soviet Union	-99.1	272.3	71.6	39.0	30.6	30.3	29.7	29.2	28.8	28.5	28.2	28.2
Russia	39.0	34.4	16.1	16.2	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Ukraine	20.4	40.5	22.2	14.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Other Economies												
Asia												
China	-0.8	1.3	6.5	7.8	8.7	8.4	7.7	7.5	7.1	6.7	6.4	6.4
Hong Kong	4.6	1.7	6.2	6.4	6.4	6.3	6.2	6.2	6.1	6.0	5.9	5.9
India	11.7	7.8	7.2	6.7	6.6	6.4	6.5	6.4	6.3	6.2	6.1	6.1
Indonesia	68.6	45.4	31.4	15.2	10.9	8.8	8.9	8.5	8.1	7.8	7.5	7.5
Malaysia	16.0	10.3	5.6	6.2	5.3	7.2	5.7	4.2	4.6	4.7	4.4	4.4
Pakistan	8.4	7.8	9.4	9.0	8.9	8.8	8.7	8.7	8.8	8.6	8.5	8.5
Philippines	9.0	6.2	11.8	7.6	7.7	7.9	7.9	7.8	7.8	7.8	7.5	7.5
South Korea	9.7	6.7	2.7	3.9	3.7	3.5	3.5	3.4	3.4	3.3	3.3	3.3
Taiwan	3.2	0.1	2.1	0.3	1.2	1.4	1.9	2.2	2.5	2.8	3.0	3.0
Thailand	12.2	9.8	6.3	4.0	3.7	3.2	3.9	4.0	4.2	4.4	4.6	4.6
Vietnam	7.1	11.9	8.8	8.6	8.2	7.9	7.5	7.2	6.9	6.6	6.3	6.3
Latin America												
Argentina	0.6	-3.9	0.8	2.5	2.8	2.7	2.6	2.8	2.8	2.9	3.0	3.0
Brazil	5.0	2.0	5.9	6.9	6.3	6.1	5.9	5.7	5.6	5.5	5.7	5.7
Columbia	15.2	19.0	19.1	18.6	18.8	18.3	18.1	17.9	17.6	17.4	17.2	17.2
Mexico	16.9	13.3	11.2	10.1	9.2	8.2	7.5	7.5	7.4	7.4	7.4	7.4
Paraguay	5.0	15.0	17.5	14.4	13.3	12.3	11.4	10.6	9.8	9.1	8.4	8.4
Uruguay	10.2	9.2	6.8	5.9	6.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
Venezuela	27.5	34.1	36.0	32.0	28.9	26.3	24.5	23.1	21.6	20.1	18.8	18.8
Africa												
Algeria	12.3	12.4	12.4	12.4	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Egypt	6.9	7.1	7.4	7.8	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Morocco	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
South Africa	7.1	7.5	7.0	7.2	6.5	6.2	6.0	5.8	5.8	5.8	5.8	5.8
Tunisia	5.6	5.6	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Middle East												
Iran	12.3	11.5	10.7	9.1	8.0	7.0	6.7	6.4	6.3	6.0	6.0	6.0
Israel	5.3	6.0	5.5	6.0	5.8	5.3	7.9	7.5	7.2	6.9	6.9	6.9
Saudi Arabia	-0.9	2.3	2.5	2.4	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6

Source: WEFA Group, Fourth Quarter 1998; Project Link, November 1998; and Standard & Poor's DRI.
Projections after 2003 are FAPRI estimates.

Exchange Rate Projections

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	(Percentage Change from Previous Year)											
Developed Market Economies												
Australia	19.0	-3.5	-2.5	-1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Canada	10.3	-0.8	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3
European Union	2.5	-4.2	-1.8	-1.0	-0.5	-0.2	-0.3	-0.2	-0.2	-0.2	-0.2	-0.2
Japan	10.9	-4.6	-1.6	-2.4	-1.9	-2.3	-2.3	-2.2	-2.1	-2.0	-2.5	-2.5
New Zealand	21.0	-2.0	-1.0	-0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Turkey	71.6	36.4	45.7	42.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
Economies in Transition												
Eastern Europe												
Bulgaria	2.4	-1.8	-2.4	-1.3	-0.6	-0.3	0.0	0.2	0.5	0.9	1.3	1.5
Czech Republic	5.7	2.7	3.1	-1.4	-6.3	-5.0	-4.0	-3.0	-2.5	-2.0	-1.0	-1.0
Hungary	5.1	5.2	5.3	5.3	5.3	3.8	3.7	3.6	3.5	3.4	3.3	3.2
Poland	9.8	8.7	8.1	7.5	7.0	6.8	6.5	6.3	6.2	6.1	6.0	5.9
Romania	23.3	31.8	36.0	48.4	28.9	23.0	19.0	15.0	12.0	8.0	5.0	5.0
Slovakia	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Former Soviet Union												
Russia	57.0	84.0	16.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Ukraine	56.9	26.7	17.8	13.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Other Economies												
Asia												
China	0.0	4.9	14.0	0.0	0.0	0.6	2.5	0.6	0.6	0.6	0.6	0.6
Hong Kong	0.0	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
India	14.5	9.5	3.5	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
Indonesia	207.2	50.5	7.9	-0.4	0.7	-0.6	-0.7	1.0	2.3	2.0	1.7	1.7
Malaysia	36.6	8.0	16.6	10.4	-6.1	-4.3	6.6	1.7	1.5	1.3	1.1	1.1
Pakistan	11.3	8.3	6.5	4.8	4.7	4.8	4.6	4.3	4.1	3.8	3.6	3.6
Philippines	20.7	7.2	-1.8	3.2	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6
South Korea	56.8	3.5	-10.3	-4.7	2.6	2.2	2.1	1.8	1.6	1.4	1.3	1.3
Taiwan	20.0	10.9	4.5	-4.5	-5.7	-2.6	-2.3	-2.1	-2.0	-1.9	-1.8	-1.8
Thailand	48.6	1.2	-3.5	-2.7	-0.6	0.5	0.5	0.5	0.5	0.4	0.3	0.3
Vietnam	17.0	27.0	6.2	5.7	5.3	4.8	4.5	4.0	3.7	3.3	3.1	3.1
Latin America												
Argentina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brazil	8.3	18.3	10.9	2.5	4.0	3.9	3.0	2.8	2.8	2.8	2.5	2.5
Columbia	20.2	17.0	15.2	14.6	15.4	15.8	15.6	15.3	14.9	14.6	14.2	14.2
Mexico	16.7	18.0	6.8	6.2	4.7	2.9	2.6	2.4	2.4	2.3	2.3	2.3
Paraguay	25.7	15.0	10.5	9.5	8.6	7.7	6.9	6.1	5.4	4.8	4.3	4.3
Uruguay	17.0	10.0	12.0	12.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
Venezuela	14.5	39.3	30.5	27.3	24.9	23.1	21.4	19.9	18.4	17.1	15.7	15.7
Africa												
Algeria	5.5	5.3	5.0	5.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Egypt	0.6	1.0	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Morocco	1.2	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
South Africa	5.3	10.0	1.8	1.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Tunisia	5.7	-0.4	1.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Middle East												
Iran	9.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Israel	7.5	5.1	2.8	4.0	5.0	4.1	5.5	5.3	5.1	5.0	5.0	5.0
Saudi Arabia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: WEFA Group, Fourth Quarter 1998; Project Link, November 1998; and Standard & Poor's DRI.

Population Projections

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
					(Percentage Change from Previous Year)							
World	1.35	1.32	1.30	1.27	1.25	1.23	1.21	1.19	1.18	1.16	1.15	1.14
Market Economies	0.49	0.46	0.45	0.41	0.39	0.41	0.39	0.37	0.36	0.35	0.35	0.34
Australia	0.95	0.92	0.89	0.86	0.83	0.81	0.78	0.76	0.74	0.72	0.70	0.69
Canada	1.11	1.08	1.04	1.01	0.98	0.95	0.93	0.91	0.89	0.87	0.85	0.84
European Union	0.21	0.19	0.16	0.11	0.08	0.13	0.11	0.08	0.05	0.05	0.05	0.05
Japan	0.19	0.20	0.20	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03
New Zealand	1.06	1.02	0.97	0.94	0.93	0.91	0.89	0.87	0.85	0.83	0.81	0.80
United States	0.90	0.86	0.85	0.83	0.82	0.81	0.80	0.80	0.80	0.80	0.81	0.81
Other Developed	-0.21	-0.22	-0.20	-0.17	-0.13	-0.09	-0.05	-0.03	-0.02	-0.01	0.00	0.00
Economies in Transition												
Eastern Europe	0.02	0.03	0.09	0.13	0.16	0.21	0.23	0.21	0.19	0.16	0.14	0.11
Bulgaria	-0.61	-0.55	-0.48	-0.40	-0.33	-0.26	-0.24	-0.26	-0.28	-0.31	-0.33	-0.35
Czech Republic	-0.12	-0.06	0.03	0.11	0.19	0.26	0.27	0.24	0.20	0.16	0.12	0.08
Hungary	-0.24	-0.21	-0.19	-0.17	-0.16	-0.15	-0.16	-0.18	-0.20	-0.22	-0.25	-0.26
Poland	-0.02	0.01	0.09	0.18	0.26	0.35	0.39	0.39	0.38	0.36	0.34	0.32
Romania	-0.30	-0.27	-0.19	-0.11	-0.02	0.05	0.08	0.06	0.03	0.01	-0.02	-0.04
Slovakia	0.10	0.06	0.09	0.20	0.31	0.42	0.51	0.55	0.52	0.49	0.46	0.43
Other Eastern Europe	0.70	0.64	0.62	0.52	0.40	0.36	0.32	0.28	0.25	0.22	0.19	0.16
Former Soviet Union	-0.14	-0.13	-0.12	-0.09	-0.05	0.00	0.04	0.09	0.13	0.17	0.20	0.23
Russia	-0.30	-0.32	-0.33	-0.32	-0.27	-0.23	-0.18	-0.13	-0.09	-0.06	-0.04	-0.03
Ukraine	-0.64	-0.63	-0.61	-0.58	-0.53	-0.49	-0.44	-0.40	-0.36	-0.32	-0.29	-0.27
Other Economies	1.63	1.59	1.56	1.52	1.50	1.47	1.44	1.41	1.39	1.38	1.36	1.35
Asia	1.36	1.33	1.29	1.25	1.22	1.19	1.16	1.14	1.12	1.10	1.09	1.08
China	0.87	0.81	0.75	0.69	0.65	0.62	0.60	0.58	0.57	0.57	0.58	0.59
Hong Kong	2.44	2.09	1.75	1.54	1.43	1.32	1.21	1.10	0.99	0.89	0.79	0.69
India	1.75	1.71	1.68	1.64	1.61	1.58	1.55	1.51	1.49	1.46	1.44	1.42
Indonesia	1.51	1.49	1.46	1.44	1.41	1.39	1.36	1.33	1.30	1.26	1.23	1.20
Malaysia	2.16	2.12	2.08	2.05	2.02	2.00	1.97	1.95	1.93	1.92	1.90	1.89
Pakistan	2.23	2.21	2.19	2.15	2.09	2.04	1.99	1.93	1.89	1.85	1.81	1.76
Philippines	2.13	2.08	2.04	2.00	1.96	1.93	1.89	1.85	1.81	1.78	1.75	1.72
South Korea	1.02	1.01	0.99	0.97	0.93	0.89	0.85	0.81	0.77	0.73	0.70	0.66
Taiwan	0.94	0.94	0.93	0.92	0.90	0.89	0.87	0.85	0.83	0.80	0.77	0.74
Thailand	0.99	0.95	0.92	0.89	0.87	0.85	0.82	0.80	0.77	0.74	0.71	0.68
Vietnam	1.48	1.41	1.34	1.30	1.28	1.27	1.26	1.24	1.22	1.21	1.21	1.20
Other Asia	1.48	1.49	1.49	1.46	1.43	1.40	1.36	1.33	1.30	1.28	1.26	1.24
Latin America	1.62	1.57	1.52	1.49	1.46	1.43	1.40	1.37	1.34	1.32	1.29	1.27
Argentina	1.31	1.30	1.30	1.29	1.28	1.27	1.25	1.22	1.20	1.18	1.16	1.14
Brazil	1.28	1.21	1.13	1.08	1.05	1.02	0.99	0.96	0.93	0.90	0.87	0.85
Mexico	1.80	1.77	1.73	1.69	1.66	1.62	1.59	1.55	1.51	1.48	1.45	1.42
Paraguay	2.73	2.70	2.68	2.65	2.62	2.59	2.56	2.53	2.51	2.48	2.45	2.43
Other Latin America	1.77	1.73	1.69	1.65	1.63	1.60	1.57	1.54	1.51	1.48	1.46	1.43

Population Projections (continued)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
					(Percentage Change from Previous Year)							
Africa	2.48	2.44	2.41	2.39	2.36	2.32	2.28	2.24	2.20	2.17	2.13	2.10
Algeria	2.18	2.14	2.10	2.07	2.04	2.01	1.98	1.95	1.92	1.89	1.85	1.80
Egypt	1.89	1.85	1.81	1.79	1.77	1.74	1.70	1.67	1.64	1.61	1.59	1.55
Morocco	1.93	1.88	1.83	1.80	1.77	1.74	1.71	1.68	1.65	1.62	1.60	1.57
Nigeria	3.03	2.98	2.94	2.87	2.79	2.72	2.64	2.56	2.48	2.40	2.32	2.24
South Africa	1.48	1.38	1.28	1.18	1.09	1.00	0.91	0.81	0.72	0.63	0.53	0.46
Tunisia	1.46	1.42	1.39	1.36	1.35	1.33	1.31	1.29	1.27	1.26	1.25	1.23
Other Africa	2.61	2.57	2.55	2.54	2.52	2.49	2.46	2.43	2.40	2.37	2.35	2.32
Middle East	2.43	2.39	2.42	2.45	2.41	2.38	2.34	2.30	2.27	2.25	2.22	2.19
Israel	1.97	1.87	1.78	1.68	1.59	1.49	1.40	1.32	1.26	1.24	1.22	1.19
Saudi Arabia	3.47	3.46	3.45	3.44	3.43	3.43	3.43	3.44	3.44	3.45	3.45	3.45
Turkey	1.63	1.60	1.56	1.52	1.50	1.47	1.44	1.41	1.39	1.36	1.34	1.31
Other Near East	2.67	2.61	2.67	2.74	2.69	2.64	2.59	2.54	2.50	2.47	2.43	2.39

U.S. Bureau of the Census, June 15, 1998.

Policy Assumptions

•FAPRI projections incorporate provisions of the FAIR Act of 1996, which are assumed to be extended indefinitely. The projections also incorporate requirements of both NAFTA and GATT.

•Contract payments and marketing loan rates for food grains, feed grains, oilseeds, and cotton are calculated according to the formulas set forth in the FAIR Act. The loan rate for sugar cane is set at $0.18 per pound of raw sugar, and the rate for sugar beets is set at $0.23 per pound on a refined sugar basis. As mandated by the FAIR Act, the loan rate for peanuts is fixed at $0.305 per pound.

•As legislated by the FAIR Act, U.S. dairy policy will undergo a number changes in the coming years. These include the phasing down of milk support price from $10.20 per cwt in 1997 to $9.90 per cwt in 1999, with corresponding reductions in support prices for butter, cheese, and nonfat dry milk. It also includes the elimination of government purchases of dairy products beginning in 2000 and the elimination of producer assessments. In addition DEIP exports will be maintained at WTO maximum levels throughout the period. The baseline does not assume policy changes associated with reform of the federal milk marketing order system.

•CRP is continued in the current FAPRI projections, with some contracts allowed to expire, other contracts re-enrolled, and new contracts allowed by the Secretary of Agriculture. After a decline in 1998, the ability to write new contracts pushes the total number of acres upwards, exceeding 36 million acres by the end of the baseline period.

•The FAIR Act legislates maximum spending under the Export Enhancement Program (EEP) and the Market Access Program (MAP). MAP is assumed to operate at the maximum allowed level of $90 million per year, and EEP is not assumed to be used during the projection period. The baseline also incorporates the provisions of the emergency spending package passed by Congress in 1998, as direct payments and disaster assistance affect farm income in both 1998 and 1999.

•The proposed Agenda 2000 and the EU enlargement are not included in this baseline. Set-aside, already announced as 10 percent in 1999/00, is assumed to increase to 15 percent by 2008/09 in response to growing intervention stock. Cereal intervention prices and compensatory payments are assumed to remain at 119 and 54 ECUs per mt, respectively. Similarly, the beef support price and pig meat basic prices are assumed to remain at 3,475 and 1,509 ECUs per mt, respectively.

•Japan is assumed to comply with import access commitments according to GATT requirements. No tariffication of rice trade is included in the baseline. Continued tariff reduction for beef is in place. Similarly, South Korea is assumed to comply with its import access commitments

•The baseline assumes no new accession to the WTO during the projection period, including the case of the FSU, China, or Taiwan.

•Unilateral liberalization has been incorporated for a number of countries. Examples include the elimination of the wheat and corn board, and wheat import liberalization in South Africa; import liberalization for wheat in Morocco and Indonesia; and import and export liberalization for crops in India (flour millers are allowed to import wheat, and feed manufacturers are allowed to import corn).

•In the FSU, the transformation of market economies is assumed to continue. Price liberalization is assumed to proceed during the next several years.

Agricultural Policy Assumptions for Crops

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
European Union											
Policy Prices					(ECUs per Metric Ton)						
Cereal Intervention	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
Rice Intervention	316.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0	298.0
Oilseed Reference Price	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0	196.0
White Sugar Intervention	632.0	632.0	632.0	632.0	632.0	632.0	632.0	632.0	632.0	632.0	632.0
Raw Sugar Intervention	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0	467.0
A Beet Minimum	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
B Beet Minimum	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
Grains Compensatory Payment	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
Subsidized Export Limits					(Million Metric Tons)						
Wheat	19.2	18.0	16.8	15.6	14.4	14.4	14.4	14.4	14.4	14.4	14.4
Coarse Grains	13.1	12.6	12.0	11.4	10.8	10.8	10.8	10.8	10.8	10.8	10.8
Production Aid					(ECUs per Hectare)						
Oilseeds	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					(Thousand Hectares)						
Oilseed Base Area	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482	5,482
Set-aside Rate *					(Percent)						
Grains, Protein Crops	5	10	10	10	12	12	12	15	15	15	15
Oilseeds	10	10	10	10	10	10	10	10	10	10	10
Japan											
Policy Prices					(Thousand Yen per Metric Ton)						
Wheat Purchase	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3	149.3
Wheat Resale (Domestic Production)	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
Barley Purchase	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8	130.8
Barley Resale (Domestic Production)	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
Rice Purchase	263.4	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8	258.8
Rice Resale (Domestic Production)	294.1	294.1	294.1	294.1	294.1	294.1	294.1	294.1	294.1	294.1	294.1
					(Thousand Metric Tons)						
Minimum Import Access Commitment											
Rice	607	683	758	758	758	758	758	758	758	758	758
South Korea											
Minimum Import Access Commitment											
Rice	125	103	103	128	154	180	205	205	205	205	205
Corn	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100	6,100
United States											
Policy Prices					(U.S. Dollars per Metric Ton)						
Corn Loan	74	74	74	69	65	65	67	69	71	73	74
Wheat Loan	95	95	95	89	88	93	95	95	95	95	95
Barley Loan	72	72	72	66	63	63	65	67	68	70	72
Rice Loan	143	143	143	143	143	143	143	143	143	143	143
Cotton Loan	1,144	1,144	1,144	1,138	1,102	1,102	1,102	1,102	1,127	1,144	1,144
Soybean Loan	193	193	193	181	181	181	181	181	181	181	181
Cane Loan	397	397	397	397	397	397	397	397	397	397	397
Export Enhancement Program					(Million U.S. Dollars, Fiscal Year)						
Program Expenditure	550	579	478	478	478	478	478	478	478	478	478
Wheat	0	0	0	0	0	0	0	0	0	0	0
Barley	0	0	0	0	0	0	0	0	0	0	0
					(Million Hectares)						
Conservation Reserve Program	13.3	12.3	12.7	13.6	14.0	14.2	14.3	14.4	14.5	14.6	14.6

* Average set-aside prior to exemption for small farms.

Agricultural Policy Assumptions for Crops (continued)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Import Tariffs												
Brazil (for Non-MERCOSUR countries)						(Percent)						
Wheat	13	13	13	13	13	13	13	13	13	13	13	13
Corn	13	13	13	13	13	13	13	13	13	13	13	13
Rice	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21	13 to 21
Taiwan												
Wheat	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Corn	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Barley	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
China												
Wheat	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
Corn	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
Barley	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
Rice	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0	114.0
Philippines												
Feed Wheat	40	15	10	10	10	10	10	10	10	10	10	10
Other Wheat	10	3	3	3	3	3	3	3	3	3	3	3
Barley	20	15	10	10	10	10	10	10	10	10	10	10
Other Cereals	20	15	10	10	10	10	10	10	10	10	10	10
India												
Wheat	0	0	0	0	0	0	0	0	0	0	0	0
Corn	0	0	0	0	0	0	0	0	0	0	0	0
Hungary												
Wheat	41	41	41	41	41	41	41	41	41	41	41	41
Corn	35	35	35	35	35	35	35	35	35	35	35	35
Czech Republic												
Wheat & Barley	22.5	21.9	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
Poland (Tariff rate Quota)												
Barley						(Thousand Metric Tons)						
Import Quota	174.8	192.8	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7	210.7
						(Percent)						
Tariff in-quota	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Tariff outside-quota	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
Corn						(Thousand Metric Tons)						
Import Quota	250	250	250	250	250	250	250	250	250	250	250	250
						(Percent)						
Tariff in-quota	20	20	20	20	20	20	20	20	20	20	20	20

Other Assumptions for Crops

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
China											
Swine											
Backyard						(Percent)					
Feed Efficiency Improvement	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Production Share	76.0	74.0	72.0	70.0	68.0	66.0	64.0	62.0	60.0	60.0	60.0
Grain Share of Total Feed *	49.2	49.0	48.8	48.7	48.5	48.3	48.1	47.9	47.7	47.5	47.3
Specialized Household and Commercial											
Feed Efficiency Improvement	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Production Share	24.0	26.0	28.0	30.0	32.0	34.0	36.0	38.0	40.0	40.0	40.0
Grain Share of Total Feed *	72.1	71.9	71.8	71.6	71.5	71.3	71.2	71.0	70.9	70.7	70.6
Poultry											
Commercial											
Feed Efficiency Improvement	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Production Share	43.0	45.0	47.0	49.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Grain Share of Total Feed *	89.1	89.1	89.1	89.0	89.0	89.0	88.9	88.9	88.9	88.8	88.8
Village											
Feed Efficiency Improvement	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Production Share	57.0	55.0	53.0	51.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Grain Share of Total Feed *	69.1	68.9	68.7	68.6	68.4	68.2	68.1	67.9	67.7	67.6	67.4
Aquaculture											
Feed Efficiency Improvement	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Grain Share of Total Feed *	83.7	83.6	83.5	83.5	83.4	83.4	83.3	83.2	83.2	83.1	83.1
Dairy											
Feed Efficiency Improvement	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

Feed mix held constant at 1995 level.
* Grain includes rice, wheat bran, brewers' grains, and other grain byproducts.

Agricultural Policy Assumptions for Livestock

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
European Union											
Policy Prices					(ECUs per Metric Ton)						
Beef Intervention	3,475	3,475	3,475	3,475	3,475	3,475	3,475	3,475	3,475	3,475	3,475
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 Purchase Limits					(Thousand Metric Tons)						
Beef	350	350	350	350	350	350	350	350	350	350	350
GATT Maximum Subsidized Exports											
Beef	948	885	822	822	822	822	822	822	822	822	822
Pork	483	463	444	444	444	444	444	444	444	444	444
Poultry	345	316	286	286	286	286	286	286	286	286	286
					(Million Metric Tons)						
Milk Delivery Quota: E-15	117,450	117,450	117,450	117,450	117,450	117,450	117,450	117,450	117,450	117,450	117,450
					(ECU per Metric Ton)						
Target Price for Milk	307	307	307	307	307	307	307	307	307	307	307
Intervention Price for Butter	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282	3,282
Intervention Price for SMP	2,055	2,055	2,055	2,055	2,055	2,055	2,055	2,055	2,055	2,055	2,055
SMP Feed Subsidy	75	75	75	75	75	75	75	75	75	75	75
GATT Maximum Subsidized Exports					(Thousand Metric Tons)						
Butter	444	426	408	399	399	399	399	399	399	399	399
SMP	304	292	279	273	273	273	273	273	273	273	273
Cheese	374	353	332	321	321	321	321	321	321	321	321
Other Milk Products	1,072	1,026	981	958	958	958	958	958	958	958	958
Canada					(Canadian Cents per Liter)						
Target Price for Industrial Milk	56	57	57	57	58	58	59	60	61	63	64
					(Canadian Dollars per Kg)						
Support Price, Butter	5	5	5	5	5	5	5	6	6	6	6
Support Price, NFD	4	5	5	5	5	5	5	5	5	6	6

Agricultural Policy Assumptions for Livestock (continued)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Import Tariffs												
Argentina						(Percent)						
Beef	35	35	35	35	35	35	35	35	35	35	35	35
Pork	35	35	35	35	35	35	35	35	35	35	35	35
Broiler	30	28	27	27	27	27	27	27	27	27	27	27
Broiler: Other	3	3	3	3	3	3	3	3	3	3	3	3
Brazil												
Beef	55	55	55	55	55	55	55	55	55	55	55	55
Pork	55	55	55	55	55	55	55	55	55	55	55	55
Broiler	42	41	39	38	37	36	35	35	35	35	35	35
Canada												
Beef	31	29	27	27	27	27	27	27	27	27	27	27
Pork	0	0	0	0	0	0	0	0	0	0	0	0
Broiler	1	1	1	1	1	1	1	1	1	1	1	1
China												
Beef	25	25	25	25	25	25	25	25	25	25	25	25
Pork	20	20	20	20	20	20	20	20	20	20	20	20
Broiler	20	20	20	20	20	20	20	20	20	20	20	20
Lamb	20	20	20	20	20	20	20	20	20	20	20	20
Eggs	25	25	25	25	25	25	25	25	25	25	25	25
Czech Republic												
Beef	30	30	30	30	30	30	30	30	30	30	30	30
Cattle	61	61	61	61	61	61	61	61	61	61	61	61
Pork	27	27	27	27	27	27	27	27	27	27	27	27
Broiler	47	45	43	43	43	43	43	43	43	43	43	43
Hungary						(Percent)						
Beef	25	25	25	25	25	25	25	25	25	25	25	25
Pork	56	15	15	15	15	15	15	15	15	15	15	15
Broiler	35	35	35	35	35	35	35	35	35	35	35	35
						(HUF/kg)						
Pork Export Subsidy	39	39	39	39	39	39	39	39	39	39	39	39
Indonesia						(Percent)						
Beef	63	61	59	57	54	52	50	50	50	50	50	50
Pork	63	61	59	57	54	52	50	50	50	50	50	50
Broiler	63	61	59	57	54	52	50	50	50	50	50	50
Lamb	63	61	59	57	54	52	50	50	50	50	50	50
Japan												
Beef	42	40	39	39	39	39	39	39	39	39	39	39
Pork	5	4	4	4	4	4	4	4	4	4	4	4
Broiler	9	9	9	9	9	9	9	9	9	9	9	9
						(Yen/kg)						
Pork Specific Tariff	516	499	482	482	482	482	482	482	482	482	482	482
Pork Gate Price	551	539	527	524	524	524	524	524	524	524	524	524

Agricultural Policy Assumptions for Livestock (continued)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Import Access Commitment												
Hungary						(Thousand Metric Ton)						
Beef	14	14	14	14	14	14	14	14	14	14	14	14
Pork	16	18	20	20	20	20	20	20	20	20	20	20
Poultry	11	11	11	11	11	11	11	11	11	11	11	11
South Korea												
Beef	254	280	306	0	0	0	0	0	0	0	0	0
Mexico						(kt pw)						
Pork	79	81	84	87	87	87	87	87	87	87	87	87
Philippines												
Pork	40	42	44	47	49	52	54	54	54	54	54	54
Poland												
Beef	31	34	37	37	37	37	37	37	37	37	37	37
Pork	50	55	60	60	60	60	60	60	60	60	60	60
Poultry	20	20	20	20	20	20	20	20	20	20	20	20

Commodity Price Projections[1]

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Wheat					(U.S. Dollars per Metric Ton)						
FOB U.S. Gulf	121	135	142	146	150	155	159	163	164	165	167
CIF Rotterdam	142	159	167	172	176	183	187	191	192	194	196
Canadian Thunder Bay	132	148	156	161	165	171	175	180	181	183	185
Australian Wheat Board	120	134	141	145	149	154	157	161	162	164	165
Rice											
FOB U.S. Houston	385	368	371	376	380	388	391	399	402	406	411
FOB Bangkok 5% Parboiled	295	282	284	288	291	297	299	305	308	310	314
FOB Bangkok 100% B Grade	295	295	297	302	305	311	314	320	323	326	330
Corn											
FOB U.S. Gulf	94	97	99	101	104	107	109	111	113	115	118
CIF Rotterdam	105	108	111	113	116	120	122	125	127	129	132
Barley											
FOB Pacific Northwest	108	110	111	113	116	119	121	123	124	126	129
Sorghum											
FOB U.S. Gulf	86	93	96	98	102	105	107	109	111	113	116
Soybeans											
FOB U.S. Gulf	213	203	207	212	215	216	220	222	226	227	232
CIF Rotterdam	230	215	218	223	226	227	231	233	237	238	243
Soybean Oil											
FOB Decatur	542	540	539	531	520	510	509	507	511	517	526
FOB Rotterdam	571	566	564	555	543	533	532	529	533	540	550
Soybean Meal											
FOB Decatur 44%	148	146	152	159	166	170	175	179	184	186	191
CIF Rotterdam	148	148	154	161	168	172	177	181	185	187	192
Rapeseed											
CIF Hamburg	259	239	240	243	243	243	244	244	246	245	248
Cash Vancouver	253	235	238	242	245	246	250	251	255	256	256
Rapeseed Oil											
FOB Rotterdam	560	546	542	531	517	505	502	497	500	504	512
Rapeseed Meal											
FOB Hamburg	110	100	104	109	114	117	121	124	128	129	133
Sugar											
FOB Caribbean	165	177	191	199	206	211	216	221	229	237	246
New York Spot	485	475	482	486	488	491	492	494	496	498	500
Cotton											
Cotlook A Index	1,278	1,231	1,218	1,280	1,356	1,419	1,471	1,521	1,565	1,604	1,632
U.S. Farm	1,378	1,201	1,170	1,218	1,278	1,327	1,368	1,406	1,441	1,471	1,493

[1] Commodity price projections are explained in the respective commodity chapters.

Commodity Price Projections (continued)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Beef					(U.S. Dollars per Metric Ton)						
Nebraska Direct Fed-Steer	1,355	1,449	1,528	1,605	1,665	1,644	1,613	1,563	1,530	1,569	1,644
U.S. Retail	6	6	6	7	7	7	7	7	7	7	7
Alberta A1, A2 Steer	2,123	2,264	2,374	2,462	2,513	2,447	2,387	2,305	2,247	2,284	2,385
Australian Export (CIF U.S.)	1,729	2,031	2,239	2,403	2,512	2,459	2,399	2,311	2,265	2,351	2,489
Pork											
Iowa-Southern Minnesota Barrows and Gilts	700	781	937	980	958	805	922	994	938	864	920
U.S. Retail	5	5	5	5	5	5	5	5	5	5	5
Ontario Hogs Index	803	914	1,043	976	937	855	1,007	1,087	1,028	986	1,068
Chicken											
U.S. 12-City Wholesale	1,391	1,310	1,242	1,258	1,252	1,256	1,253	1,248	1,240	1,239	1,254
Turkey											
U.S. Wholesale	1,371	1,393	1,378	1,375	1,406	1,442	1,439	1,452	1,463	1,473	1,483
Milk											
U.S. All Milk	35	31	30	30	30	30	30	30	30	30	30
Canadian Target, Industrial	37	38	38	38	38	39	40	41	41	42	43
Canadian Fluid Milk, Ontario	40	42	42	42	43	43	44	45	46	47	48
Australian Industrial Milk	15	16	16	17	17	17	17	17	17	18	18
Australian Fluid Milk	33	33	34	35	35	35	36	36	36	36	36
Cheese											
FOB Northern Europe	2,225	2,316	2,351	2,436	2,443	2,448	2,463	2,469	2,471	2,485	2,488
U.S. Wholesale	3,397	2,980	2,920	2,921	2,936	2,948	2,942	2,933	2,922	2,906	2,888
Canadian Wholesale	5,290	5,475	5,581	5,714	5,848	5,983	6,177	6,383	6,593	6,809	7,032
Canadian Retail	7,985	8,264	8,424	8,623	8,825	9,029	9,320	9,629	9,945	10,270	10,604
Australian Export	2,473	2,564	2,599	2,684	2,691	2,696	2,711	2,717	2,719	2,733	2,736
Butter											
FOB Northern Europe	1,853	1,798	1,761	1,778	1,801	1,826	1,848	1,875	1,886	1,882	1,875
U.S. Wholesale	3,926	3,254	2,934	2,751	2,711	2,763	2,809	2,783	2,814	2,855	2,899
Canadian Retail	4,201	4,294	4,311	4,328	4,345	4,362	4,379	4,397	4,414	4,431	4,449
Australian Export	1,571	1,516	1,479	1,496	1,519	1,544	1,566	1,594	1,604	1,600	1,593
Nonfat Dry Milk											
FOB Northern Europe	1,453	1,260	1,289	1,413	1,460	1,486	1,518	1,540	1,568	1,604	1,640
U.S. Wholesale	2,407	2,258	1,976	1,956	1,983	2,000	2,002	1,988	1,996	2,026	2,064
Canadian Retail	6,601	6,845	7,097	7,356	7,622	7,896	8,177	8,467	8,765	9,072	9,388
Australian Export	1,560	1,367	1,396	1,520	1,567	1,593	1,625	1,647	1,675	1,711	1,747

Policy Prices and World Prices by Commodity

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
	(U.S. Dollars per Metric Ton, Marketing Year)										
Wheat											
EU Intervention	140	142	143	143	144	144	144	144	145	145	145
FOB U.S. Gulf	121	135	142	146	150	155	159	163	164	165	167
Canadian Thunder Bay	132	148	156	161	165	171	175	180	181	183	185
Australian Wheat Board	120	134	141	145	149	154	157	161	162	164	165
Barley											
EU Intervention	140	142	143	143	144	144	144	144	145	145	145
FOB U.S. Pacific Northwest	108	110	111	113	116	119	121	123	124	126	129
Corn											
EU Intervention	140	142	143	143	144	144	144	144	145	145	145
FOB U.S. Gulf	94	97	99	101	104	107	109	111	113	115	118
Rice											
FOB Bangkok 5% Parboiled	295	295	297	302	305	311	314	320	323	326	330
Soybeans											
U.S. Loan Rate	193	193	193	181	181	181	181	181	181	181	181
FOB U.S. Gulf	213	203	207	212	215	216	220	222	226	227	232
Rapeseed											
EU Oilseeds Reference	303	290	319	313	310	331	342	337	439	440	407
Cash Vancouver	253	235	238	242	245	246	250	251	255	256	256
Cotton											
Cotlook A Index	1,278	1,231	1,218	1,280	1,356	1,419	1,471	1,521	1,565	1,604	1,632

Policy Prices and World Prices by Commodity (continued)

	1997	1998	1998	1998	1998	1998	1998	1998	1998	1998	1998
Beef					(U.S. Dollars per Metric Ton)						
EU Intervention	3,853	4,021	4,095	4,137	4,157	4,166	4,178	4,187	4,195	4,203	4,212
Japanese Wholesale											
Dairy beef	6,485	6,259	6,561	6,865	7,142	7,346	7,697	7,905	8,128	8,484	8,983
Wagyu beef	14,466	14,777	14,711	15,021	15,248	15,475	16,066	16,299	16,651	17,230	18,099
Nebraska Direct											
Fed Steer Price	1,355	1,449	1,528	1,605	1,665	1,644	1,613	1,563	1,530	1,569	1,644
U.S. Retail	6,107	6,261	6,415	6,570	6,680	6,680	6,680	6,614	6,614	6,658	6,790
Pork											
EU Basic	1,674	1,747	1,779	1,797	1,806	1,810	1,816	1,819	1,823	1,826	1,830
Japanese Wholesale	3,441	3,637	3,879	4,025	4,122	4,034	4,435	4,602	4,673	4,721	5,039
U.S. Barrows, Gilts	700	781	937	980	958	805	922	994	938	864	920
U.S. Retail	5,049	5,071	5,247	5,335	5,313	5,181	5,247	5,313	5,291	5,181	5,203
Broilers											
EU Producer	1,369	1,331	1,359	1,405	1,444	1,481	1,519	1,555	1,593	1,633	1,672
Japanese Wholesale	2,001	1,937	1,961	2,057	2,128	2,207	2,292	2,359	2,426	2,512	2,625
U.S. 12-City Wholesale	1,391	1,310	1,242	1,258	1,252	1,256	1,253	1,248	1,240	1,239	1,254
U.S. Retail	3,401	3,321	3,284	3,278	3,311	3,356	3,384	3,399	3,395	3,403	3,446
Butter											
EU Intervention	3,639	3,798	3,868	3,907	3,926	3,934	3,946	3,954	3,962	3,970	3,978
U.S. CCC Purchase	1,433	1,433	0	0	0	0	0	0	0	0	0
U.S. Wholesale	3,926	3,254	2,934	2,751	2,711	2,763	2,809	2,783	2,814	2,855	2,899
FOB Northern Europe	1,853	1,798	1,761	1,778	1,801	1,826	1,848	1,875	1,886	1,882	1,875
Canadian Support	3,531	3,608	3,623	3,637	3,651	3,665	3,680	3,694	3,708	3,723	3,737
Canadian Retail	4,201	4,294	4,311	4,328	4,345	4,362	4,379	4,397	4,414	4,431	4,449
Australian Export	1,571	1,516	1,479	1,496	1,519	1,544	1,566	1,594	1,604	1,600	1,593
Nonfat Dry Milk											
EU Intervention	2,278	2,378	2,422	2,446	2,459	2,464	2,471	2,476	2,481	2,486	2,491
U.S. CCC Purchase	2,266	2,225	0	0	0	0	0	0	0	0	0
U.S. Wholesale	2,407	2,258	1,976	1,956	1,983	2,000	2,002	1,988	1,996	2,026	2,064
FOB Northern Europe	1,453	1,260	1,289	1,413	1,460	1,486	1,518	1,540	1,568	1,604	1,640
Canadian Support	2,901	2,987	3,070	3,157	3,245	3,337	3,430	3,527	3,626	3,727	3,832
Canadian Retail	6,601	6,845	7,097	7,356	7,622	7,896	8,177	8,467	8,765	9,072	9,388
Australian Export	1,560	1,367	1,396	1,520	1,567	1,593	1,625	1,647	1,675	1,711	1,747
Cheese											
U.S. CCC Purchase	2,459	2,426	0	0	0	0	0	0	0	0	0
U.S. Wholesale	3,397	2,980	2,920	2,921	2,936	2,948	2,942	2,933	2,922	2,906	2,888
FOB Northern Europe	2,225	2,316	2,351	2,436	2,443	2,448	2,463	2,469	2,471	2,485	2,488
Canadian Wholesale	5,290	5,475	5,581	5,714	5,848	5,983	6,177	6,383	6,593	6,809	7,032
Canadian Retail	7,985	8,264	8,424	8,623	8,825	9,029	9,320	9,629	9,945	10,270	10,604
Australian Export	2,473	2,564	2,599	2,684	2,691	2,696	2,711	2,717	2,719	2,733	2,736
Milk											
EU Target	340	355	362	365	367	368	369	370	370	371	372
U.S. Support	222	218	0	0	0	0	0	0	0	0	0
U.S. Farm	313	270	265	265	266	268	267	266	265	263	261
Canadian Target, Industrial	37	38	38	38	38	39	40	41	41	42	43
Canadian Fluid Milk, Ontario	40	42	42	42	43	43	44	45	46	47	48
Australian Industrial Milk	15	16	16	17	17	17	17	17	17	18	18
Australian Fluid Milk	33	33	34	35	35	35	36	36	36	36	36

CROPS AND OILSEED AGGREGATES

Crops and Oilseed Aggregates

•Higher prices and change in farm policies in the United States and the European Union brought 20 mha of additional land into crop production in 1996/97. Since then, crop area has been declining in response to lower prices, losing 5 mha compared to 1996/97 level. During the period, grain area has declined by more than 20 mha; however, relatively attractive returns for oilseeds have brought back 13 mha of grain area into oilseed production.

•During the projection period, world crop area is projected to increase by more than 4 mha with an increase in oilseed area partially offset by the decline in grain area. Expansion in the oilseed area is expected to continue for the projection period, although at a slower rate. The total harvested area under selected oilseed crops is expected to be around 147.4 mha by 2008/09 as compared to 138 mha in 1998/99. World grain area is projected decline by 5 mha in the next decade, with most of the decline expected next year.

•Oilseed production is projected to reach 284 mmt by 2008/09 (an increase of 17 percent), with a similar increase in oilseeds crush (20 percent). World oilseed prices are expected to fall again for the next year and stabilize thereafter, registering a moderate increase over the rest of the projection period. Even with falling area, grain production rises through yield growth, increasing from 1,752 mmt in 1998/99 to 1,986 mmt in 2008/09 (an increase of 13 percent). With consumption rising at the same rate as production, world grain stock-to-use ratio is projected to fall by 2 percent, with average grain price rising by 25 percent.

•Oil meal consumption is expected to increase sharply from the current 141.1 mmt to nearly 170 mmt by the end of the projection period. Among different oil meals, the highest absolute increase is expected in soy meal consumption (more than 21 mmt, which is very similar to the increase in soy meal production expected from the nearly 28 mmt increase in soybean crush).

•Increasing incomes in less-developed countries play a crucial role in the nearly 16.8 mmt increase in selected vegetable oil consumption by 2008/09. On a per capita basis, world vegetable oil consumption is expected to increase by another 1.5 kilograms per person per year over the entire period. Vegetable oil prices are projected to fall in the early projection years and are expected to strengthen later in the projection period.

NOTE: Oilseed includes soybeans, rapeseed, sunflower, and ground nuts.
Grain includes wheat, corn, rice, barley, and sorghum.

World Major Grains Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Area Harvested						(Million Hectares)					
Wheat	225.59	222.95	224.07	224.28	224.34	224.53	224.99	224.66	224.85	224.51	224.20
Rice	149.55	149.12	148.94	148.74	148.58	148.33	148.08	147.75	147.49	147.25	147.04
Corn	138.32	138.08	137.83	137.86	137.66	137.93	138.29	138.37	138.71	139.00	139.38
Barley	60.60	59.80	59.74	59.56	59.12	59.12	59.09	58.71	58.66	58.62	58.65
Sorghum	41.01	41.14	40.96	40.95	40.96	41.01	41.08	41.12	41.14	41.09	41.04
Total	615.06	611.08	611.54	611.39	610.67	610.92	611.53	610.61	610.85	610.48	610.30
						(Metric Tons per Hectare)					
Average Yield	2.85	2.90	2.94	2.98	3.01	3.05	3.10	3.13	3.17	3.21	3.25
Production						(Million Metric Tons)					
Wheat	584.92	589.07	599.70	607.61	614.37	622.79	632.04	637.64	646.40	654.01	661.45
Rice	377.89	390.41	395.79	399.76	403.77	407.64	411.52	414.97	418.65	422.30	426.07
Corn	595.07	594.58	603.27	613.50	621.86	632.86	644.54	653.84	665.10	675.76	687.31
Barley	138.33	141.47	142.68	143.75	143.75	145.21	146.62	146.37	147.69	148.95	150.44
Sorghum	56.23	55.44	55.74	56.31	56.85	57.56	58.22	58.86	59.47	60.09	60.71
Total	1,752.43	1,770.97	1,797.18	1,820.93	1,840.59	1,866.05	1,892.94	1,911.68	1,937.30	1,961.10	1,985.98
Consumption											
Wheat	593.37	594.87	599.83	606.21	613.60	621.02	629.16	637.09	645.99	654.41	663.68
Rice	385.20	389.82	395.19	399.30	403.33	407.22	411.06	414.58	418.26	421.91	425.71
Corn	583.57	592.73	602.31	613.92	622.72	633.01	643.83	653.93	664.77	675.77	687.95
Barley	142.18	141.80	142.58	143.62	144.04	145.52	146.41	146.83	148.36	149.67	151.25
Sorghum	55.70	55.46	55.85	56.41	56.93	57.56	58.18	58.86	59.40	60.09	60.77
Total	1,760.02	1,774.69	1,795.75	1,819.46	1,840.61	1,864.33	1,888.64	1,911.30	1,936.78	1,961.85	1,989.36
Ending Stocks											
Wheat	125.30	119.51	119.37	120.77	121.53	123.30	126.18	126.73	127.13	126.73	124.50
Rice	44.90	45.48	46.09	46.54	46.98	47.41	47.87	48.25	48.64	49.03	49.39
Corn	98.24	100.09	101.05	100.64	99.78	99.63	100.34	100.25	100.58	100.57	99.93
Barley	30.73	30.40	30.50	30.63	30.35	30.03	30.24	29.78	29.12	28.40	27.58
Sorghum	6.58	6.56	6.46	6.36	6.28	6.28	6.31	6.31	6.38	6.38	6.32
Total	305.76	302.04	303.47	304.94	304.93	306.65	310.94	311.33	311.85	311.11	307.73
Trade *											
Wheat	80.14	79.06	80.40	82.53	84.10	85.23	86.69	88.19	90.51	92.79	95.59
Rice	18.74	18.31	18.70	19.34	19.72	19.98	20.30	20.57	20.96	21.32	21.68
Corn	55.05	55.02	56.50	58.92	60.93	62.51	64.23	66.63	69.07	71.38	74.35
Barley	12.30	13.02	13.22	13.58	13.94	14.20	14.41	14.45	14.63	14.91	15.33
Sorghum	6.10	6.53	6.68	6.80	6.86	6.99	7.06	7.17	7.32	7.42	7.53
Total	172.34	171.94	175.50	181.17	185.55	188.91	192.70	197.01	202.49	207.83	214.48
						(Percent)					
Stock to Use Ratio	17.37	17.02	16.90	16.76	16.57	16.45	16.46	16.29	16.10	15.86	15.47

* Excludes intraregional trade.

World Total Oilseeds Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Area Harvested					(Million Hectares)						
Soybean	70.6	71.6	71.2	71.4	72.1	72.6	73.0	73.6	74.1	74.8	75.4
Rapeseed	25.5	26.0	26.1	26.3	26.7	26.8	26.9	27.1	27.3	27.5	27.7
Sunflower Seed	21.7	21.8	21.7	21.9	22.1	22.3	22.5	22.7	22.9	23.2	23.5
Peanut	20.6	20.7	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.9	20.9
Total	138.3	140.1	139.6	140.3	141.5	142.4	143.1	144.3	145.1	146.3	147.4
Production					(Million Metric Tons)						
Soybean	154.8	159.0	159.0	161.3	164.5	167.4	170.0	173.2	176.0	179.4	182.4
Rapeseed	36.8	38.9	39.3	40.0	40.9	41.3	41.7	42.4	42.9	43.5	44.2
Sunflower Seed	26.5	26.5	26.6	26.9	27.3	27.8	28.2	28.7	29.1	29.7	30.2
Peanut	25.9	26.2	26.4	26.5	26.7	26.9	27.1	27.3	27.6	27.8	28.1
Total	244.0	250.7	251.3	254.8	259.4	263.3	267.1	271.6	275.7	280.4	284.9
Crush											
Soybean	128.9	133.5	135.8	138.1	140.6	143.2	145.7	148.4	151.0	153.9	156.9
Rapeseed	33.5	34.8	35.6	36.3	37.3	37.7	38.2	39.0	39.5	40.1	40.8
Sunflower Seed	23.2	23.5	23.7	24.2	24.6	25.0	25.4	25.9	26.3	26.9	27.5
Peanut	13.8	14.0	14.1	14.1	14.1	14.2	14.2	14.3	14.4	14.5	14.6
Total	199.4	205.7	209.2	212.8	216.7	220.1	223.6	227.6	231.3	235.3	239.7
Trade *											
Soybean	34.8	38.3	38.6	38.9	39.4	39.9	40.4	41.0	41.5	42.2	42.8
Rapeseed	3.7	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.6
Sunflower Seed	2.9	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.6	3.7
Peanut	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Total	42.1	45.5	45.8	46.2	46.8	47.4	47.9	48.6	49.3	50.1	50.9

* Excludes intraregional trade.

World Oilmeals Supply and Utilization

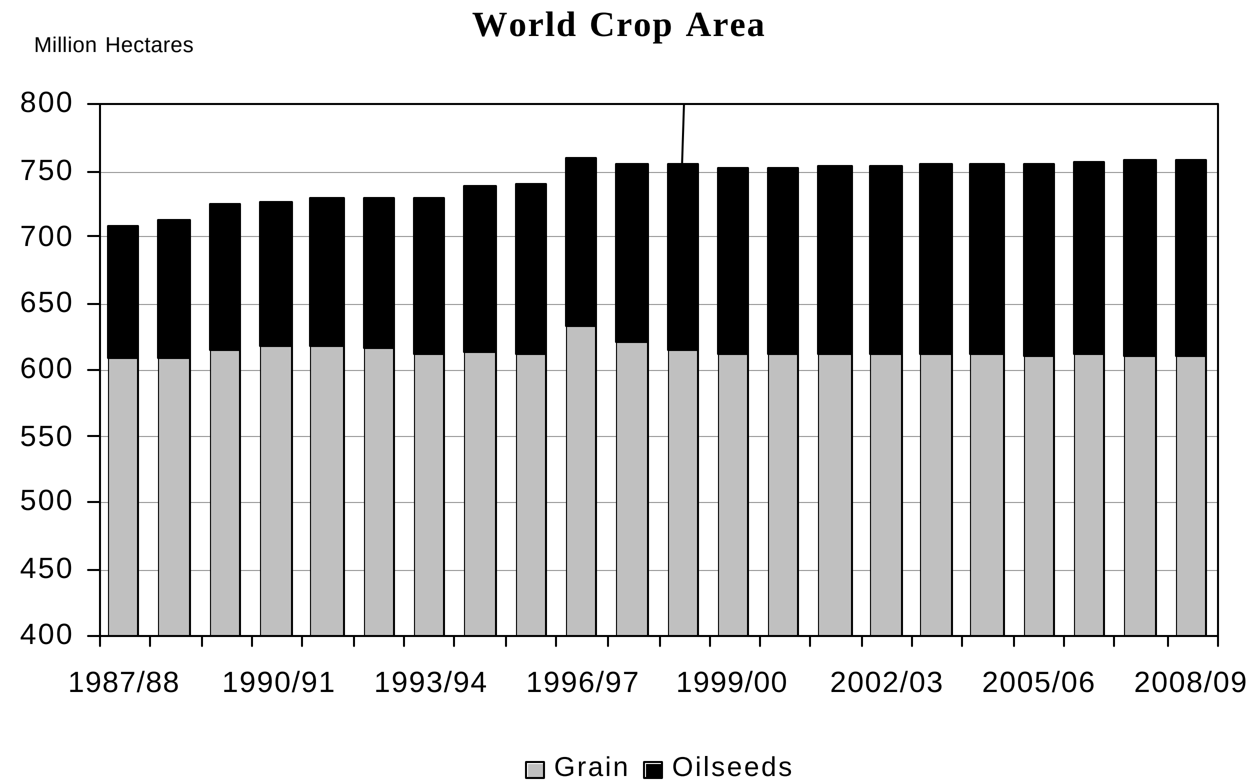
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Production					(Million Metric Tons)						
Soymeal	101.7	105.8	107.7	109.6	111.6	113.6	115.6	117.7	119.8	122.1	124.4
Rapemeal	20.1	20.9	21.4	21.9	22.5	22.7	23.0	23.5	23.8	24.2	24.6
Sunflower Meal	10.5	10.7	10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.5
Palm Kernel Meal	2.8	2.9	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.5	3.6
Peanut Meal	5.5	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.9	5.9	5.9
Total	140.6	146.0	148.6	151.2	154.1	156.7	159.3	162.2	165.0	167.9	171.1
Consumption											
Soymeal	102.4	105.0	106.9	108.9	110.9	112.9	114.8	117.0	119.1	121.3	123.7
Rapemeal	20.1	20.8	21.4	21.8	22.4	22.7	23.1	23.5	23.9	24.3	24.7
Sunflower Meal	10.4	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.9	12.1	12.4
Palm Kernel Meal	2.6	2.8	3.0	3.1	3.2	3.2	3.3	3.4	3.5	3.5	3.6
Peanut Meal	5.5	5.7	5.7	5.8	5.8	5.8	5.8	5.9	5.9	6.0	6.0
Total	141.1	144.8	147.7	150.4	153.4	155.9	158.5	161.5	164.3	167.2	170.5
Trade *											
Soymeal	32.3	33.7	33.9	34.4	35.1	35.8	36.6	37.5	38.4	39.5	40.4
Rapemeal	2.4	2.4	2.5	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1
Sunflower Meal	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.7	2.7
Palm Kernel Meal	2.2	2.2	2.3	2.5	2.5	2.6	2.7	2.7	2.8	2.8	2.9
Peanut Meal	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total	39.4	40.9	41.3	42.1	43.0	43.9	44.9	45.9	47.1	48.3	49.4

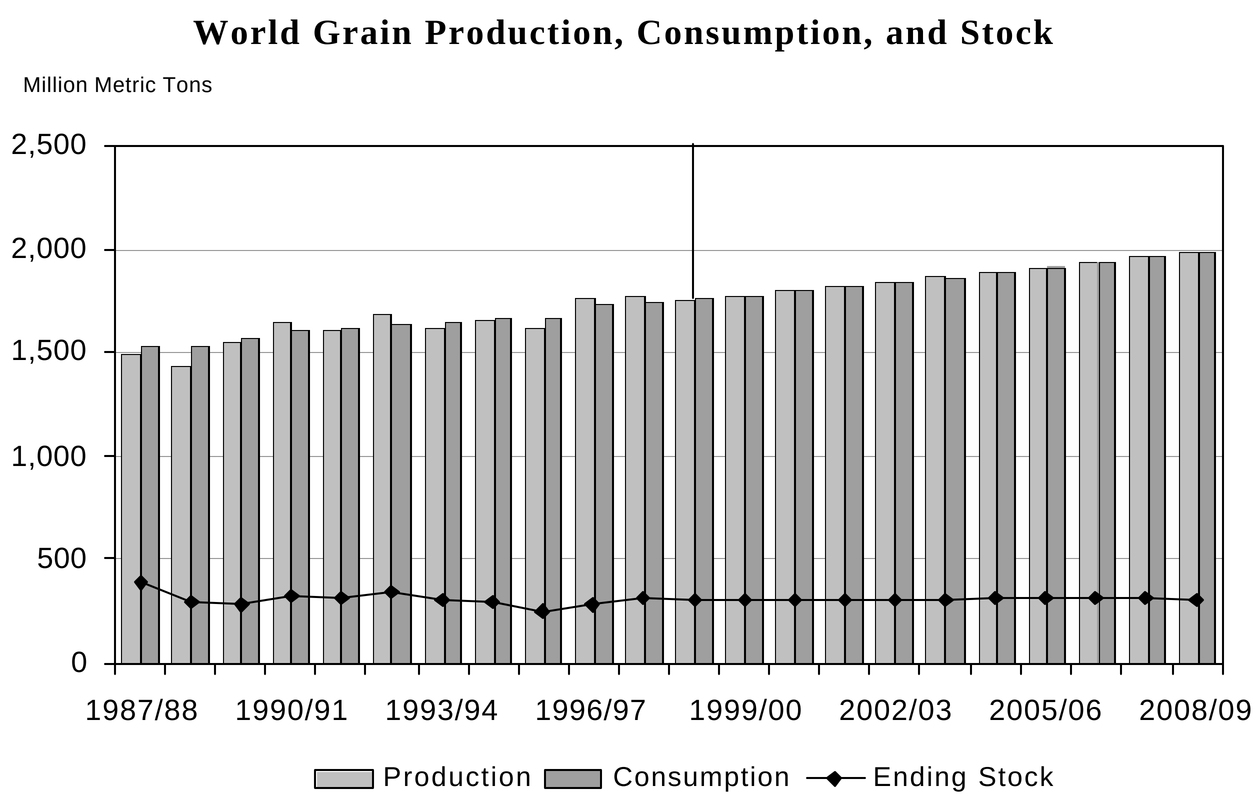
* Excludes intraregional trade.

World Vegetable Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Production					(Million Metric Tons)						
Soyoil	23.2	23.9	24.3	24.7	25.2	25.7	26.1	26.6	27.1	27.6	28.1
Rapeoil	12.4	12.9	13.2	13.5	13.8	14.0	14.2	14.4	14.6	14.8	15.1
Sunflower Oil	8.9	9.4	9.5	9.7	9.9	10.1	10.2	10.4	10.6	10.8	11.1
Palm Oil	17.7	18.0	18.7	19.3	19.9	20.3	20.7	21.2	21.6	22.1	22.5
Palm Kernel Oil	2.4	2.4	2.5	2.6	2.7	2.7	2.8	2.9	3.0	3.0	3.1
Peanut Oil	4.2	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.6
Total	68.7	71.1	72.7	74.3	75.9	77.1	78.5	80.0	81.5	82.9	84.6
Consumption											
Soyoil	23.5	24.1	24.5	25.0	25.5	26.0	26.5	27.1	27.6	28.2	28.8
Rapeoil	12.2	12.7	13.1	13.4	13.9	14.1	14.3	14.7	15.0	15.3	15.6
Sunflower Oil	9.5	9.7	9.8	10.0	10.1	10.3	10.5	10.7	10.9	11.1	11.3
Palm Oil	16.2	16.4	17.1	17.8	18.5	18.9	19.4	19.9	20.5	21.0	21.4
Palm Kernel Oil	2.3	2.3	2.4	2.5	2.6	2.6	2.7	2.8	2.9	3.0	3.0
Peanut Oil	4.2	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.6
Total	67.8	69.5	71.3	73.1	74.9	76.3	78.0	79.7	81.4	83.0	84.7
Trade *											
Soyoil	5.7	6.0	6.1	6.1	6.3	6.4	6.6	6.8	7.0	7.2	7.5
Rapeoil	1.6	1.8	1.8	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.8
Sunflower Oil	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.3
Palm Oil	9.8	10.0	10.4	10.8	11.1	11.2	11.4	11.6	11.9	12.1	12.2
Palm Kernel Oil	1.0	1.0	1.0	1.2	1.1	1.1	1.2	1.2	1.2	1.2	1.5
Peanut Oil	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Total	20.2	20.9	21.4	22.0	22.4	22.6	23.1	23.5	24.1	24.6	25.4
Consumption per Capita					(Kilograms per Year)						
Soyoil	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.2	4.3	4.4
Rapeoil	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.4
Sunflower Oil	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
Palm Oil	2.7	2.7	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.2	3.2
Palm Kernel Oil	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Peanut Oil	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Total	11.3	11.4	11.6	11.7	11.8	11.9	12.0	12.1	12.3	12.6	12.9

* Excludes intraregional trade.


World Crop Area
Million Hectares
800
750
700
650
600
550
500
450
400
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Grain
Oilseeds


World Grain Production, Consumption, and Stock
Million Metric Tons
2,500
2,000
1,500
1,000
500
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Production
Consumption
Ending Stock

WHEAT

Wheat

•World wheat area, which has been declining since its record level in 1996/97, is projected to decline by an additional 1 percent next year, mainly because of lower prices. Over the long run, wheat area is expected to stabilize between 224 and 225 million hectares.

•World wheat production primarily grows through yield growth, increasing from 584 to 661 mmt, throughout the projected years an increase of more than 13 percent. Consumption is projected to grow neck-and-neck with production, adding little or nothing to the stock. During the baseline period, world wheat stock-to-use ratio declines from 21 to 19 percent and thus, raises price by more than 39 percent.

•Slowdown in world economic growth is projected to slightly decline wheat trade in 1999/00 which will grow slowly thereafter as the economies recover. By 2008/09, wheat trade is projected to increase by 19 percent.

•Most of the growth in wheat trade is expected to come from developing countries where economic growth and urbanization increase wheat consumption. Among developing regions, Asia is expected to be the fastest growing market in the long run, with imports increasing by more than 27 percent.

•Within Asia, China, once a major importer, has declined imports by more than 90 percent in the last three years, mainly because of higher production and relatively flat per capita consumption. Over the next decade, China is not expected to import any where close to the historical level; its imports increase by 2 to 3 mmt in the next few years and then stay flat for the remaining period.

•Apart from China, India has been a wild card player, importing wheat in bad years to compensate for domestic shortfalls. However, rising per capita consumption in non-traditional wheat consuming regions and import liberalization are likely to make India a consistent wheat buyer in the international markets. Indian wheat imports are projected to increase by more than 1 mmt during the projection period.

•High income East Asia (South Korea, Hong Kong, Taiwan, and Singapore) has been a consistently growing market for the past decade. Income growth in these countries has made them increasingly dependent on imported wheat to meet the growing domestic consumption because of their inability to expand production. Imports of this region are projected to be stagnant in the next two years as economic growth recovers. Over the long run, wheat imports are projected to increase by more than 1 mmt.

•Behind Asia, North African and Middle Eastern regions are likely to be the second growth market for wheat in the next decade, with imports increasing by 22 percent. The North African countries of Algeria, Morocco, and Tunisia will continue to depend on imported wheat for a large proportion of their supplies. Imports of these countries are projected to increase by 20 percent. Within the Middle East, Iran is likely to remain as a growth market by increasing its imports by more than 1 mmt.

•Similarly, Latin America is also projected to expand its imports by more than 15 percent. Brazil and Mexico, accounting for more than 50 percent of the region's imports, are likely to expand their imports by 13 percent and 30 percent, respectively, over the next decade. Brazilian wheat area is not likely to expand in the future because of the availability of cheap Argentine wheat through MERCOSUR, and because most growing domestic consumption will be met through imports from Argentina.

•Traditional exporters, such as Argentina, Australia, Canada, the EU, and the United States, will meet most of the increased import demand from developing countries. Argentina, Australia, and Canada primarily depend on the export market to dispose their surplus wheat because of a saturated domestic market. Although wheat area in these countries decline in the short run and remain flat for the later part of the baseline, production primarily rises through yield growth, expanding exports by more than 7 mmt.

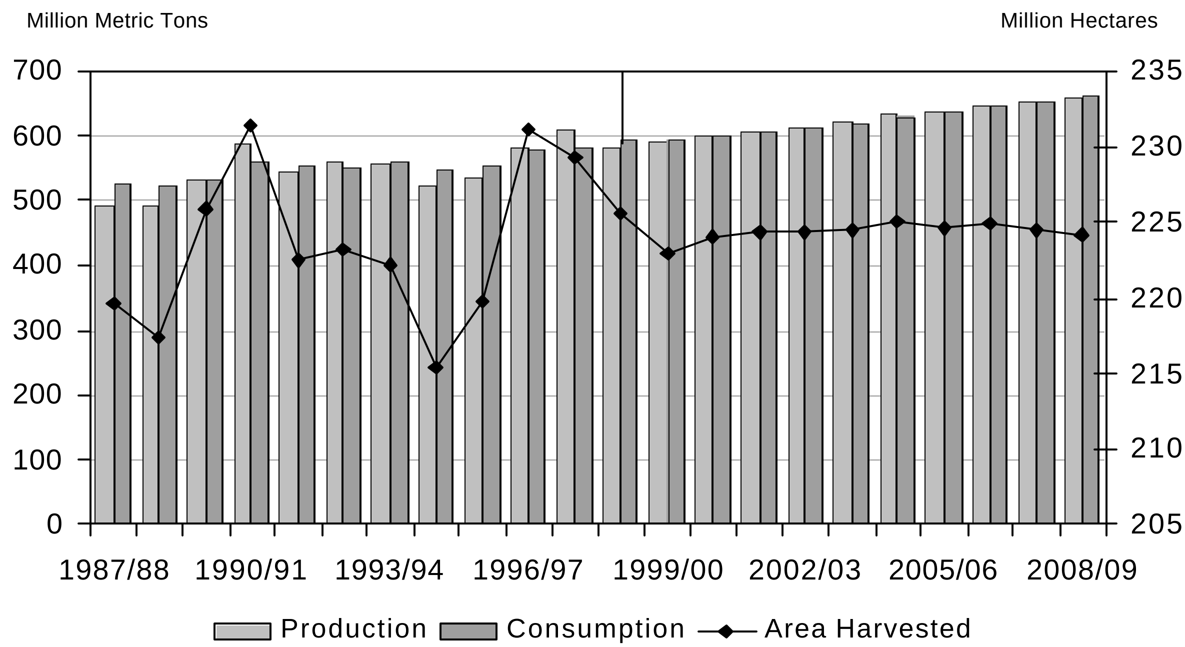
•The lower wheat price is likely to constrain the EU subsidized exports at the GATT maximum level until 2005/06. Between 2006 and 2008, the EU expands its wheat exports from 13.3 to 20.6 mmt, as world price exceeds the EU domestic price.

•U.S. wheat yield in 1998/99 is projected to be at a record level, resulting in approximately 70 mmt of production. In response to a lower price, area is likely to decline in 1999/00 but recover thereafter as price rises. U.S. wheat exports are projected to decline by 1.5 mmt in 1999/00 in response to sluggish import demand from Asian countries. But after 1999, U.S. exports strengthen until 2005/06, reaching above 30 mmt and then remain flat for the last three years.

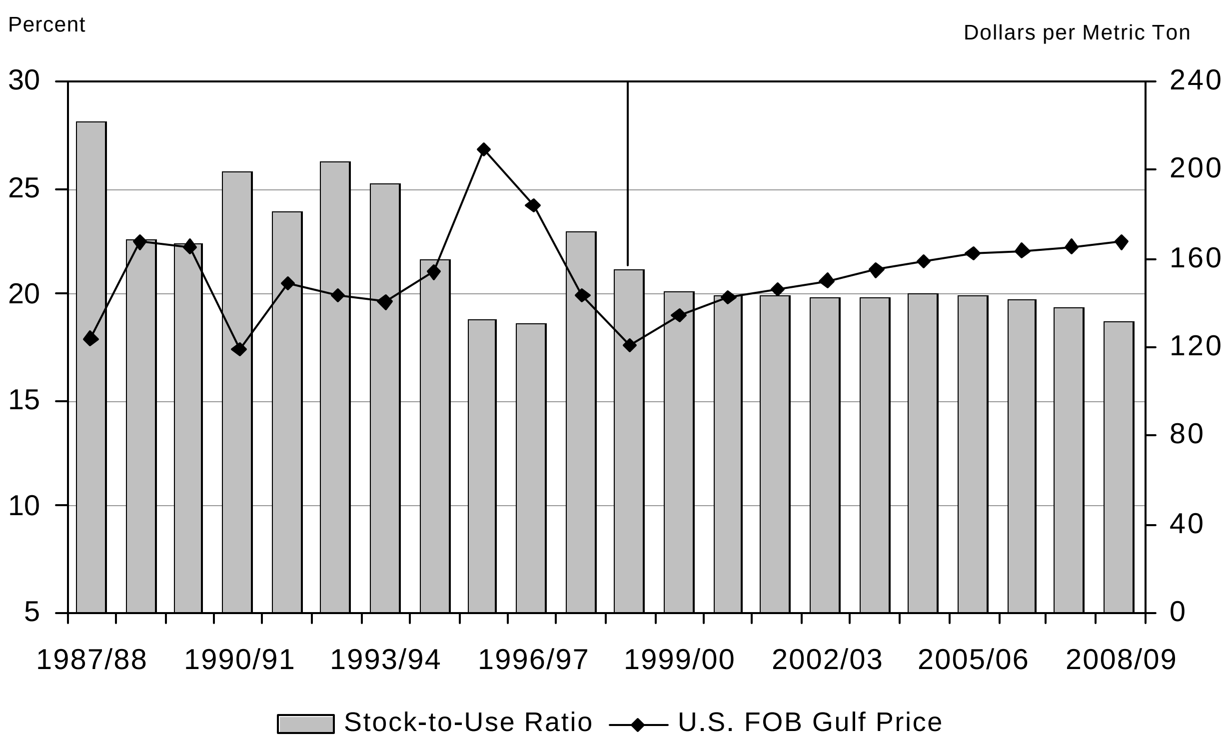
Wheat Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Million Metric Tons)						
Argentina	5.98	6.27	6.48	6.72	6.94	7.15	7.37	7.59	7.80	7.99	8.19
Australia	13.97	14.95	14.70	14.41	14.38	14.61	14.99	15.42	15.85	16.24	16.55
Canada	15.30	15.54	15.66	15.88	16.15	16.49	16.83	17.18	17.52	17.68	17.85
Czech Republic	0.05	0.12	0.21	0.27	0.31	0.31	0.30	0.26	0.21	0.19	0.15
Hungary	1.18	1.38	1.47	1.51	1.52	1.51	1.50	1.50	1.50	1.52	1.55
European Union	15.24	14.72	13.29	13.29	13.29	13.29	13.29	13.29	15.16	17.40	20.62
Ukraine	1.05	0.19	0.58	0.86	1.22	1.23	1.31	1.30	1.25	1.20	0.98
United States	27.37	25.90	27.03	28.26	28.68	29.01	29.56	30.25	30.08	29.83	29.48
Total Net Exports	80.14	79.06	80.40	82.53	84.10	85.23	86.69	88.19	90.51	92.79	95.59
Net Importers											
Japan	5.80	5.80	5.79	5.80	5.81	5.84	5.87	5.89	5.93	5.97	6.01
Russia	3.70	0.39	-0.98	-1.33	-1.60	-1.62	-1.54	-1.39	-1.13	-0.74	-0.20
Other Former Soviet Union	1.03	1.06	1.43	1.77	1.49	1.56	1.63	1.70	1.80	1.93	2.09
Other Western Europe	0.49	0.50	0.50	0.51	0.52	0.52	0.53	0.54	0.56	0.57	0.59
Other Eastern Europe	-0.15	0.45	0.21	0.16	0.17	0.19	0.22	0.23	0.28	0.31	0.37
Poland	0.20	0.38	0.31	0.22	0.21	0.19	0.16	0.13	0.12	0.12	0.13
Developing	69.08	70.48	72.16	74.07	75.89	76.93	78.28	79.69	81.82	83.89	86.41
China	1.00	0.98	1.55	2.17	2.81	2.57	2.28	1.88	1.71	1.63	1.74
High-Income East Asia	5.81	5.79	5.84	5.94	6.05	6.16	6.28	6.41	6.56	6.72	6.88
India	1.65	1.26	1.36	1.42	1.38	1.36	1.43	1.54	1.94	2.32	2.71
Pakistan	2.20	2.66	2.68	2.78	2.79	2.77	2.75	2.81	2.92	3.14	3.38
Other Asia	10.82	11.25	11.14	11.20	11.40	11.69	12.10	12.54	12.95	13.38	13.96
Brazil	5.86	5.96	6.03	6.10	6.15	6.22	6.29	6.38	6.48	6.57	6.66
Mexico	2.25	2.26	2.32	2.38	2.47	2.58	2.69	2.81	2.95	3.10	3.26
Other Latin America	8.19	8.02	8.15	8.27	8.41	8.56	8.71	8.87	9.05	9.25	9.46
Algeria	4.60	4.38	4.38	4.38	4.39	4.41	4.43	4.46	4.49	4.53	4.56
Egypt	7.20	7.44	7.43	7.44	7.47	7.51	7.57	7.65	7.74	7.85	7.98
Iran	3.50	3.44	3.56	3.60	3.69	3.81	3.95	4.11	4.28	4.47	4.66
Morocco	1.47	1.52	1.63	1.78	1.84	1.91	1.98	2.07	2.16	2.27	2.38
Tunisia	0.85	0.87	0.89	0.93	0.98	1.03	1.09	1.16	1.23	1.31	1.40
Other Africa/Middle East	13.18	14.12	14.67	15.13	15.49	15.79	16.10	16.39	16.73	16.71	16.71
Rest of World	0.51	0.53	0.54	0.55	0.57	0.58	0.60	0.62	0.64	0.66	0.68
Residual	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net Imports	80.14	79.06	80.40	82.53	84.10	85.23	86.69	88.19	90.51	92.79	95.59
Wheat Prices					(U.S. Dollars per Metric Ton)						
U.S. FOB Gulf	120.54	134.69	141.93	145.98	149.92	155.20	158.66	162.80	163.71	165.32	167.11
Canadian Thunder Bay	132.12	148.19	156.43	161.02	165.49	171.48	175.40	180.10	181.12	182.94	184.96
Australian Wheat Board	119.97	133.80	140.88	144.81	148.63	153.76	157.11	161.13	162.00	163.56	165.29
CIF Rotterdam	142.10	158.60	167.05	171.77	176.36	182.52	186.55	191.39	192.45	194.33	196.41

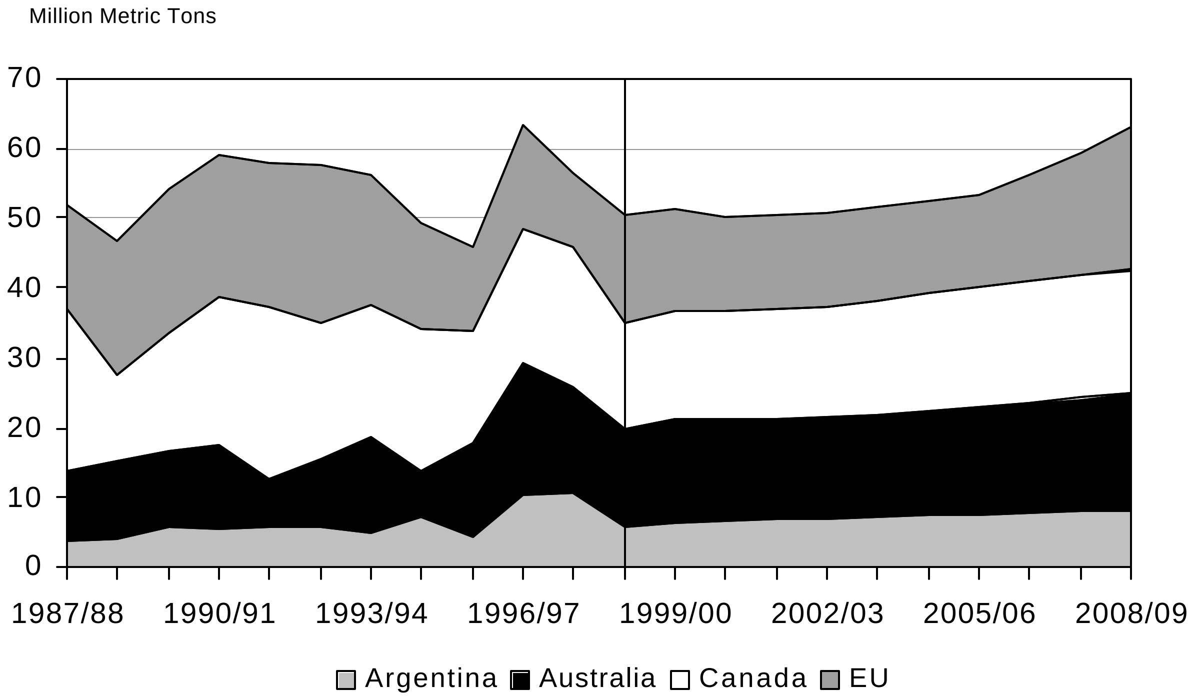
World Wheat Area Harvested, Production, and Consumption



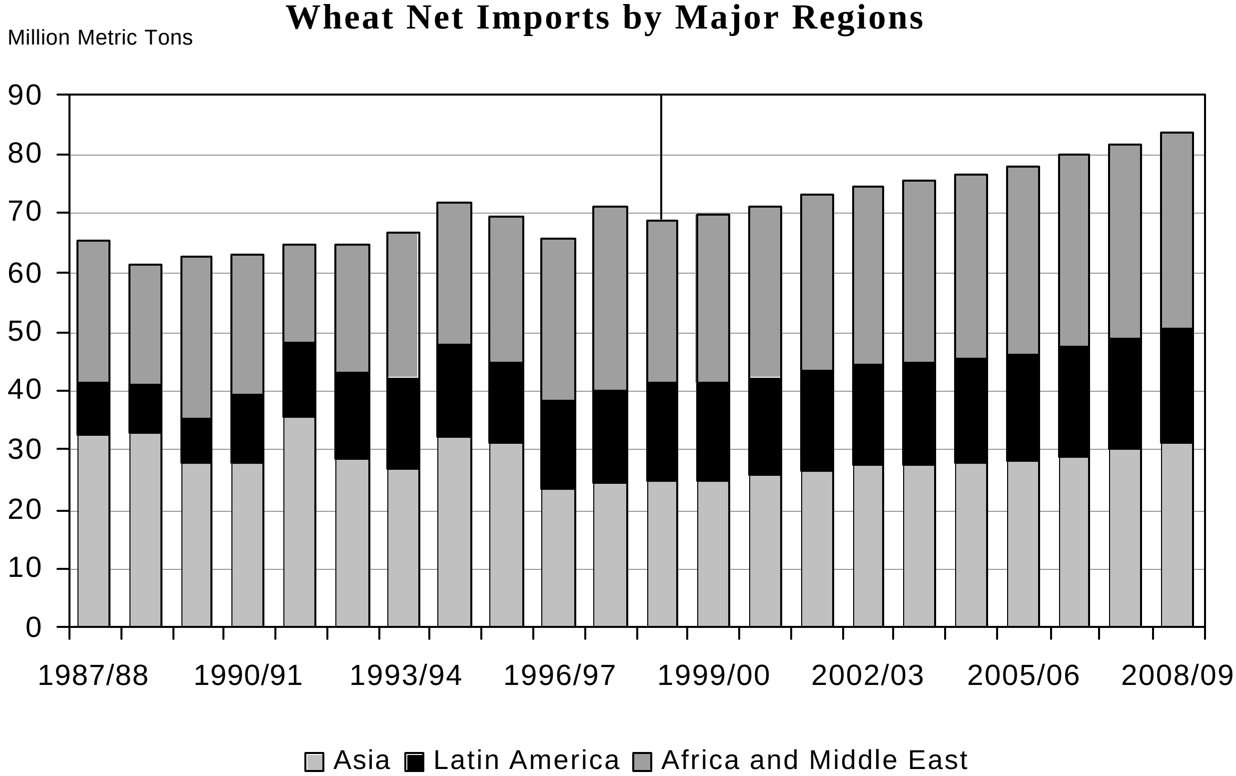
World Wheat Stock-to-Use Ratio Versus Price



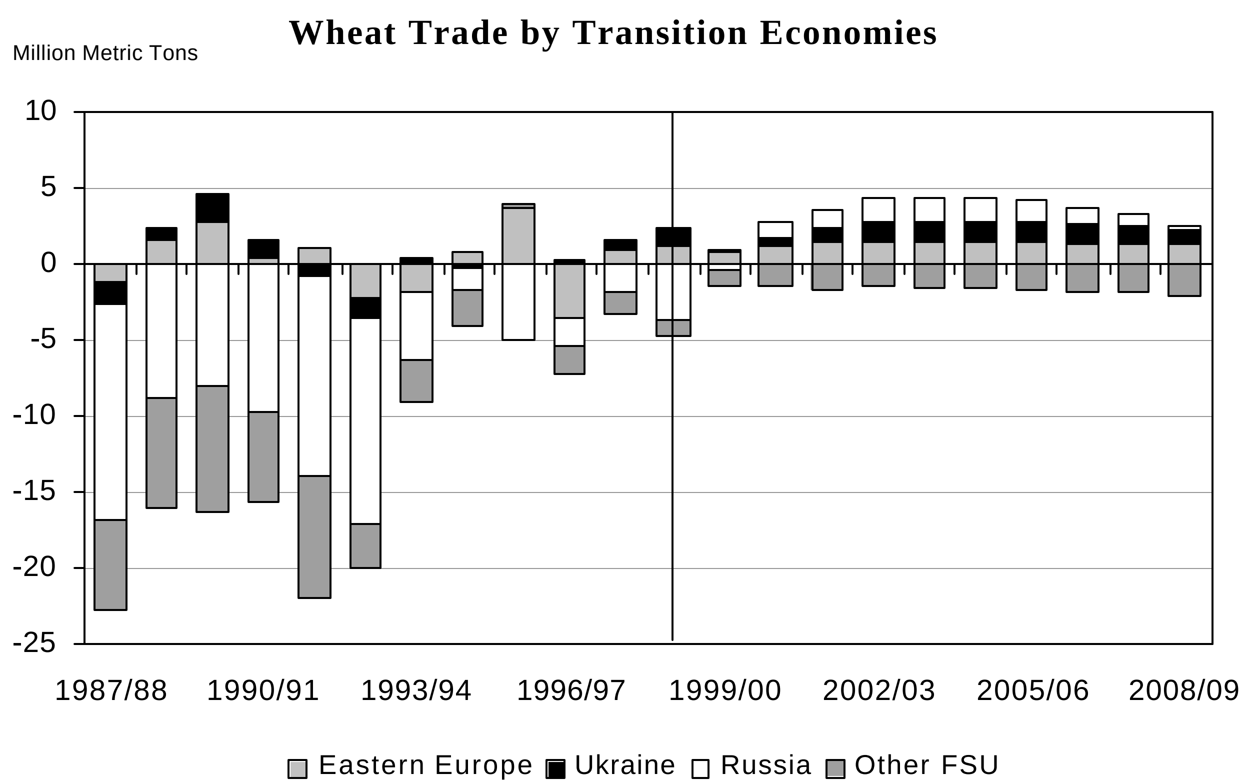
Wheat Net Exports by Major Competitors

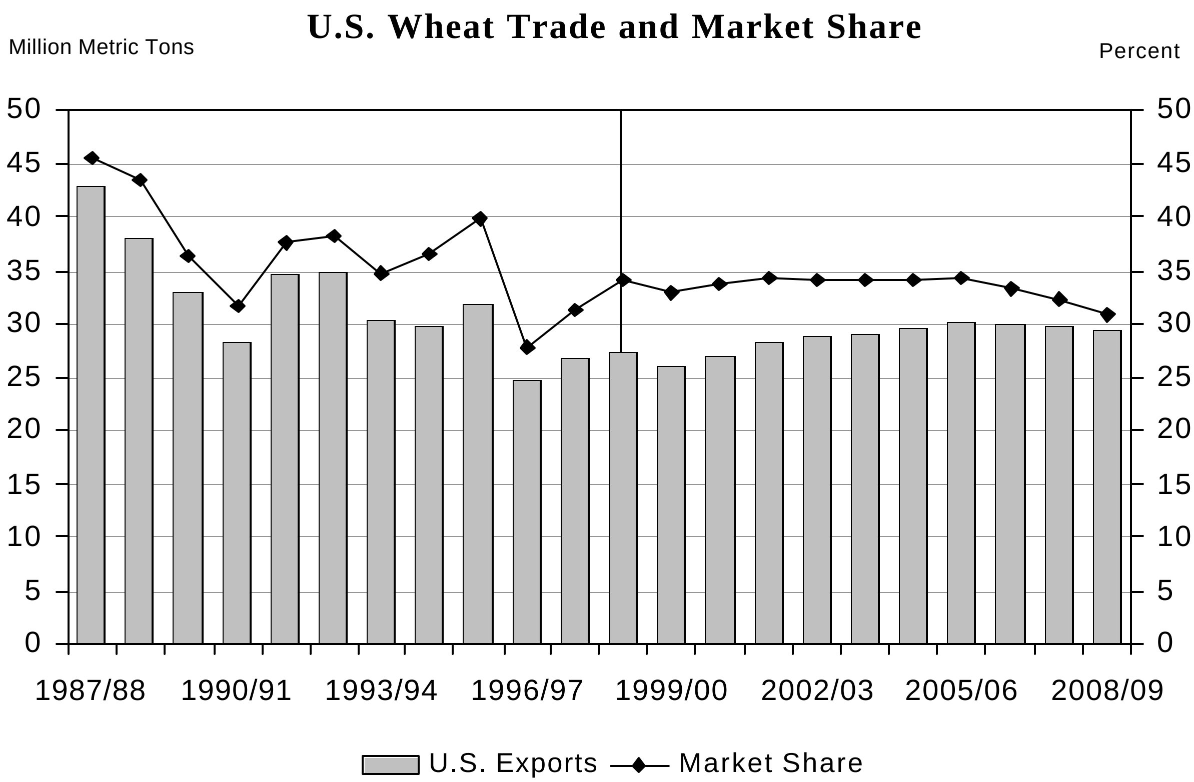


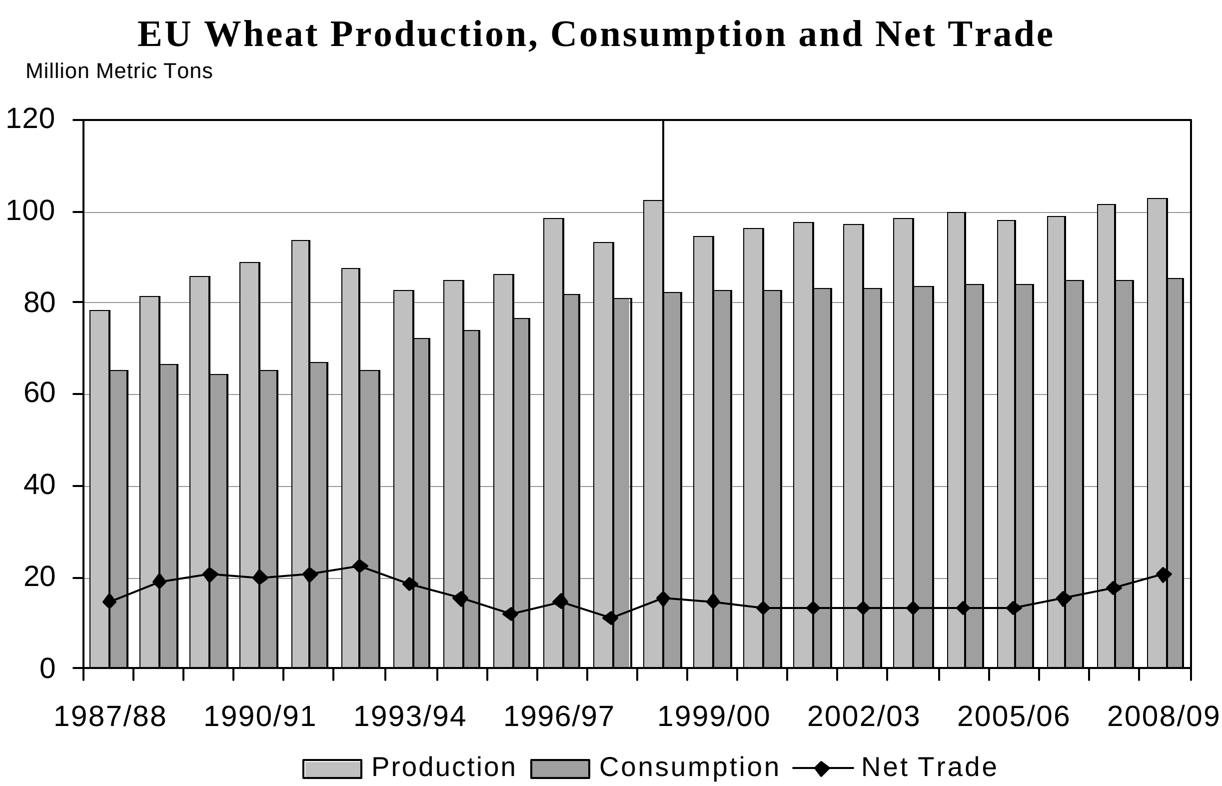
Wheat Net Imports by Major Regions




Million Metric Tons
Asian Wheat Imports
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
China, India, and Japan
High-Income East Asia
Other Asia
High Income East Asia: Hong Kong, South Korea, and Singapore
Other Asia exclude China, Japan, and India


Wheat Trade by Transition Economies
Million Metric Tons
10
5
0
-5
-10
-15
-20
-25
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Eastern Europe
Ukraine
Russia
Other FSU


U.S. Wheat Trade and Market Share
Million Metric Tons
Percent
50
45
40
35
30
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
U.S. Exports
Market Share


EU Wheat Production, Consumption and Net Trade
Million Metric Tons
120
100
80
60
40
20
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Production
Consumption
Net Trade

World Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	225.59	222.95	224.07	224.28	224.34	224.53	224.99	224.66	224.85	224.51	224.20
					(Metric Tons per Hectare)						
Yield	2.59	2.64	2.68	2.71	2.74	2.77	2.81	2.84	2.87	2.91	2.95
					(Million Metric Tons)						
Production	584.92	589.07	599.70	607.61	614.37	622.79	632.04	637.64	646.40	654.01	661.45
Beginning Stocks	133.75	125.30	119.51	119.37	120.77	121.53	123.30	126.18	126.73	127.13	126.73
Total Supply	718.67	714.37	719.20	726.98	735.14	744.32	755.34	763.81	773.12	781.14	788.18
Consumption	593.37	594.87	599.83	606.21	613.60	621.02	629.16	637.09	645.99	654.41	663.68
Ending Stocks	125.30	119.51	119.37	120.77	121.53	123.30	126.18	126.73	127.13	126.73	124.50
Total Use	718.67	714.37	719.20	726.98	735.14	744.32	755.34	763.81	773.12	781.14	788.18
Trade *	80.14	79.06	80.40	82.53	84.10	85.23	86.69	88.19	90.51	92.79	95.59
					(Percent)						
Stock to Use Ratio	21.12	20.09	19.90	19.92	19.81	19.85	20.05	19.89	19.68	19.37	18.76

* Excludes intraregional trade.

U.S. Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	23.88	22.58	23.35	23.72	23.88	23.96	24.08	24.16	24.28	24.16	24.12
					(Metric Tons per Hectare)						
Yield	2.91	2.59	2.61	2.63	2.65	2.67	2.69	2.71	2.73	2.74	2.76
					(Million Metric Tons)						
Production	69.40	58.49	60.99	62.43	63.36	63.98	64.85	65.51	66.22	66.38	66.68
Beginning Stocks	19.65	24.74	21.99	21.04	20.19	19.60	19.21	18.91	18.45	18.21	17.83
Domestic Supply	89.05	83.23	82.98	83.47	83.55	83.58	84.07	84.42	84.67	84.59	84.50
Feed and Residual	9.42	7.29	6.59	6.34	6.23	5.96	5.91	5.72	5.99	6.15	6.45
Seed	2.37	2.48	2.53	2.56	2.56	2.59	2.59	2.61	2.59	2.59	2.59
Food and Other	25.20	25.58	25.80	26.13	26.45	26.81	27.08	27.41	27.79	28.17	28.55
Ending Stocks	24.74	21.99	21.04	20.19	19.60	19.21	18.91	18.45	18.21	17.83	17.47
Domestic Use	61.70	57.34	55.96	55.19	54.84	54.57	54.49	54.19	54.57	54.73	55.06
Net Trade	27.38	25.91	27.03	28.25	28.69	29.01	29.56	30.24	30.07	29.83	29.47

Argentine Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	4.70	4.65	4.66	4.69	4.71	4.72	4.74	4.75	4.76	4.75	4.75
					(Metric Tons per Hectare)						
Yield	2.19	2.33	2.37	2.42	2.46	2.50	2.55	2.59	2.64	2.69	2.74
					(Million Metric Tons)						
Production	10.30	10.83	11.07	11.34	11.59	11.82	12.07	12.32	12.56	12.78	13.02
Beginning Stocks	0.42	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57
Domestic Supply	10.72	11.13	11.40	11.70	11.98	12.24	12.52	12.80	13.07	13.32	13.59
Consumption	4.45	4.53	4.56	4.59	4.62	4.64	4.67	4.70	4.73	4.76	4.79
Ending Stocks	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57	0.60
Domestic Use	4.75	4.86	4.92	4.98	5.04	5.09	5.15	5.21	5.27	5.33	5.39
Net Trade	5.98	6.27	6.48	6.72	6.94	7.15	7.37	7.59	7.80	7.99	8.19

Australian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	11.45	10.80	10.31	10.03	9.95	10.01	10.11	10.22	10.32	10.38	10.41
					(Metric Tons per Hectare)						
Yield	1.83	1.93	1.95	1.98	2.01	2.04	2.07	2.11	2.14	2.17	2.20
					(Million Metric Tons)						
Production	21.00	20.80	20.15	19.90	20.04	20.45	20.98	21.53	22.06	22.52	22.92
Beginning Stocks	1.34	3.07	3.54	3.52	3.45	3.46	3.57	3.73	3.92	4.11	4.28
Domestic Supply	22.34	23.87	23.69	23.41	23.49	23.92	24.55	25.27	25.98	26.63	27.20
Consumption	5.30	5.38	5.47	5.56	5.65	5.74	5.83	5.92	6.02	6.11	6.21
Ending Stocks	3.07	3.54	3.52	3.45	3.46	3.57	3.73	3.92	4.11	4.28	4.43
Domestic Use	8.37	8.92	8.99	9.00	9.11	9.31	9.56	9.84	10.13	10.39	10.64
Net Trade	13.97	14.95	14.70	14.41	14.38	14.61	14.99	15.42	15.85	16.24	16.55

Canadian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	10.77	10.31	10.22	10.32	10.44	10.53	10.65	10.73	10.81	10.79	10.75
					(Metric Tons per Hectare)						
Yield	2.27	2.27	2.30	2.32	2.33	2.35	2.37	2.39	2.42	2.44	2.48
					(Million Metric Tons)						
Production	24.40	23.42	23.48	23.90	24.35	24.74	25.22	25.62	26.20	26.35	26.63
Beginning Stocks	5.99	6.89	6.63	6.25	6.03	5.92	5.81	5.79	5.78	5.95	6.07
Domestic Supply	30.39	30.31	30.11	30.15	30.38	30.66	31.02	31.41	31.98	32.31	32.70
Feed Use	4.20	4.12	4.15	4.15	4.17	4.18	4.18	4.18	4.19	4.20	4.25
Food and Other	4.00	4.02	4.05	4.09	4.14	4.18	4.23	4.27	4.32	4.37	4.42
Ending Stocks	6.89	6.63	6.25	6.03	5.92	5.81	5.79	5.78	5.95	6.07	6.18
Domestic Use	15.09	14.77	14.45	14.27	14.23	14.17	14.20	14.23	14.46	14.63	14.84
Net Trade	15.30	15.54	15.66	15.88	16.15	16.49	16.83	17.18	17.52	17.68	17.85

Eastern European Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	9.58	9.79	9.90	9.93	9.93	9.91	9.88	9.86	9.84	9.84	9.83
					(Metric Tons per Hectare)						
Yield	3.54	3.51	3.55	3.59	3.63	3.66	3.70	3.73	3.77	3.81	3.84
					(Million Metric Tons)						
Production	33.87	34.38	35.16	35.65	36.01	36.28	36.55	36.83	37.10	37.44	37.80
Beginning Stocks	7.05	5.96	5.95	5.97	6.01	6.06	6.10	6.14	6.19	6.23	6.31
Domestic Supply	40.92	40.34	41.11	41.62	42.02	42.34	42.65	42.97	43.29	43.68	44.10
Feed Use	12.30	12.51	12.71	12.85	13.05	13.22	13.41	13.60	13.84	14.10	14.42
Food and Other	21.48	21.20	21.27	21.36	21.46	21.57	21.68	21.79	21.90	21.99	22.07
Ending Stocks	5.96	5.95	5.97	6.01	6.06	6.10	6.14	6.19	6.23	6.31	6.40
Domestic Use	39.74	39.67	39.95	40.22	40.57	40.89	41.24	41.57	41.98	42.39	42.89
Net Trade	1.18	0.67	1.16	1.40	1.45	1.45	1.41	1.40	1.31	1.28	1.21

European Union Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	16.75	16.54	16.56	16.61	16.30	16.32	16.34	15.82	15.84	15.95	16.02
					(Metric Tons per Hectare)						
Yield	6.12	5.72	5.81	5.88	5.96	6.03	6.11	6.19	6.26	6.35	6.42
					(Million Metric Tons)						
Production	102.59	94.71	96.27	97.71	97.10	98.44	99.77	97.93	99.23	101.33	102.92
Beginning Stocks	12.70	17.45	14.73	14.76	15.85	16.14	17.43	19.58	19.70	19.17	18.24
Domestic Supply	115.29	112.16	111.00	112.47	112.95	114.58	117.21	117.52	118.93	120.50	121.16
Feed Use	37.00	37.04	37.23	37.58	37.75	38.06	38.46	38.60	38.67	38.89	39.13
Food and Other	45.60	45.67	45.72	45.75	45.76	45.80	45.87	45.92	45.93	45.97	46.00
Ending Stocks	17.45	14.73	14.76	15.85	16.14	17.43	19.58	19.70	19.17	18.24	15.40
Domestic Use	100.05	97.44	97.70	99.18	99.66	101.29	103.91	104.22	103.77	103.10	100.54
Net Trade	15.24	14.72	13.29	13.29	13.29	13.29	13.29	13.29	15.16	17.40	20.62

Ukrainian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	5.90	6.08	6.34	6.29	6.38	6.36	6.38	6.36	6.36	6.28	6.22
					(Metric Tons per Hectare)						
Yield	2.54	2.65	2.67	2.69	2.71	2.73	2.75	2.77	2.79	2.81	2.83
					(Million Metric Tons)						
Production	15.00	16.11	16.92	16.91	17.30	17.35	17.54	17.61	17.75	17.64	17.60
Beginning Stocks	3.32	1.27	1.13	1.52	1.69	1.82	1.91	2.02	2.11	2.22	2.21
Domestic Supply	18.32	17.38	18.05	18.43	18.99	19.17	19.45	19.62	19.86	19.86	19.81
Feed Use	4.60	4.38	4.22	4.11	4.12	4.14	4.17	4.19	4.30	4.39	4.50
Food and Other	11.40	11.68	11.73	11.78	11.83	11.89	11.95	12.02	12.09	12.06	12.03
Ending Stocks	1.27	1.13	1.52	1.69	1.82	1.91	2.02	2.11	2.22	2.21	2.29
Domestic Use	17.27	17.19	17.47	17.57	17.77	17.93	18.14	18.32	18.61	18.66	18.82
Net Trade	1.05	0.19	0.58	0.86	1.22	1.23	1.31	1.30	1.25	1.20	0.98

Japanese Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.15	0.15	0.14
					(Metric Tons per Hectare)						
Yield	3.64	3.46	3.46	3.47	3.49	3.51	3.52	3.54	3.55	3.57	3.59
					(Million Metric Tons)						
Production	0.60	0.58	0.59	0.59	0.59	0.59	0.58	0.56	0.55	0.53	0.50
Beginning Stocks	1.22	1.32	1.39	1.44	1.48	1.51	1.53	1.56	1.58	1.60	1.63
Domestic Supply	1.82	1.90	1.98	2.03	2.07	2.09	2.11	2.12	2.13	2.13	2.13
Consumption	6.30	6.31	6.33	6.35	6.37	6.40	6.42	6.44	6.45	6.47	6.48
Ending Stocks	1.32	1.39	1.44	1.48	1.51	1.53	1.56	1.58	1.60	1.63	1.66
Domestic Use	7.62	7.70	7.77	7.83	7.88	7.93	7.97	8.01	8.05	8.10	8.14
Net Trade	-5.80	-5.80	-5.79	-5.80	-5.81	-5.84	-5.87	-5.89	-5.93	-5.97	-6.01

Russian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	25.90	25.69	25.76	25.65	25.65	25.59	25.58	25.54	25.51	25.41	25.33
					(Metric Tons per Hectare)						
Yield	1.04	1.45	1.45	1.46	1.46	1.47	1.47	1.48	1.48	1.49	1.49
					(Million Metric Tons)						
Production	27.00	37.26	37.46	37.42	37.53	37.56	37.66	37.71	37.77	37.74	37.73
Beginning Stocks	8.04	1.29	1.68	1.69	1.68	1.69	1.69	1.69	1.70	1.70	1.70
Domestic Supply	35.04	38.54	39.14	39.11	39.21	39.25	39.35	39.40	39.47	39.44	39.43
Feed Use	13.45	13.15	12.29	11.84	11.58	11.50	11.57	11.65	11.86	12.10	12.48
Food and Other	24.00	24.11	24.18	24.25	24.34	24.43	24.54	24.66	24.78	24.91	25.05
Ending Stocks	1.29	1.68	1.69	1.68	1.69	1.69	1.69	1.70	1.70	1.70	1.70
Domestic Use	38.74	38.94	38.16	37.78	37.61	37.63	37.80	38.01	38.34	38.71	39.22
Net Trade	-3.70	-0.39	0.98	1.33	1.60	1.62	1.54	1.39	1.13	0.74	0.20

Other Former Soviet Union Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	14.64	14.82	15.10	15.24	15.24	15.20	15.18	15.14	15.11	15.05	14.98
					(Metric Tons per Hectare)						
Yield	1.12	1.15	1.17	1.19	1.21	1.23	1.25	1.27	1.29	1.31	1.33
					(Million Metric Tons)						
Production	16.40	17.04	17.67	18.14	18.45	18.70	18.98	19.24	19.49	19.71	19.93
Beginning Stocks	5.99	4.48	3.58	3.44	3.81	3.87	3.93	3.99	4.04	4.09	4.14
Domestic Supply	22.39	21.52	21.24	21.59	22.26	22.57	22.91	23.22	23.53	23.81	24.07
Feed Use	3.27	3.17	3.33	3.58	3.82	4.07	4.31	4.54	4.79	5.02	5.28
Food and Other	15.67	15.83	15.90	15.97	16.05	16.14	16.24	16.34	16.45	16.57	16.69
Ending Stocks	4.48	3.58	3.44	3.81	3.87	3.93	3.99	4.04	4.09	4.14	4.19
Domestic Use	23.42	22.58	22.67	23.36	23.75	24.14	24.54	24.92	25.33	25.73	26.16
Net Trade	-1.03	-1.06	-1.43	-1.77	-1.49	-1.56	-1.63	-1.70	-1.80	-1.93	-2.09

Other Western European Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.17	0.19	0.21	0.23	0.25	0.27	0.30	0.33	0.36	0.39	0.43
					(Metric Tons per Hectare)						
Yield	5.69	5.77	5.84	5.92	6.00	6.08	6.16	6.24	6.31	6.39	6.47
					(Million Metric Tons)						
Production	0.98	1.09	1.21	1.34	1.49	1.66	1.84	2.04	2.26	2.50	2.77
Beginning Stocks	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Domestic Supply	1.46	1.57	1.69	1.82	1.97	2.13	2.31	2.51	2.73	2.97	3.25
Consumption	1.47	1.60	1.72	1.86	2.01	2.18	2.37	2.58	2.81	3.08	3.36
Ending Stocks	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
Domestic Use	1.94	2.07	2.19	2.33	2.48	2.65	2.84	3.05	3.29	3.55	3.83
Net Trade	-0.49	-0.50	-0.50	-0.51	-0.52	-0.52	-0.53	-0.54	-0.56	-0.57	-0.59

Chinese Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	29.80	29.59	29.35	28.98	28.83	28.81	28.83	28.86	28.89	28.87	28.84
					(Metric Tons per Hectare)						
Yield	3.69	3.95	4.01	4.07	4.13	4.19	4.26	4.32	4.38	4.44	4.50
					(Million Metric Tons)						
Production	110.00	116.86	117.71	117.95	119.12	120.80	122.65	124.59	126.51	128.21	129.88
Beginning Stocks	33.37	28.37	29.26	30.22	31.03	31.88	32.60	33.23	33.75	34.22	34.57
Domestic Supply	143.37	145.23	146.96	148.17	150.14	152.68	155.25	157.82	160.26	162.43	164.44
Feed Use	5.00	4.98	5.06	5.23	5.41	5.56	5.73	5.90	6.09	6.28	6.52
Food and Other	111.00	111.97	113.23	114.08	115.67	117.09	118.57	120.04	121.66	123.21	124.75
Ending Stocks	28.37	29.26	30.22	31.03	31.88	32.60	33.23	33.75	34.22	34.57	34.92
Domestic Use	144.37	146.21	148.52	150.34	152.96	155.25	157.53	159.70	161.97	164.06	166.18
Net Trade	-1.00	-0.98	-1.55	-2.17	-2.81	-2.57	-2.28	-1.88	-1.71	-1.63	-1.74

High-Income East Asian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					(Metric Tons per Hectare)						
Yield	3.50	3.54	3.57	3.61	3.64	3.68	3.72	3.75	3.79	3.83	3.87
					(Million Metric Tons)						
Production	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Beginning Stocks	0.95	0.95	0.96	0.97	0.97	0.98	0.99	1.00	1.00	1.01	1.02
Domestic Supply	0.95	0.96	0.97	0.97	0.98	0.99	1.00	1.00	1.01	1.02	1.03
Consumption	5.81	5.79	5.84	5.94	6.05	6.16	6.28	6.41	6.56	6.72	6.88
Ending Stocks	0.95	0.96	0.97	0.97	0.98	0.99	1.00	1.00	1.01	1.02	1.03
Domestic Use	6.76	6.75	6.81	6.91	7.03	7.15	7.28	7.42	7.57	7.74	7.91
Net Trade	-5.81	-5.79	-5.84	-5.94	-6.05	-6.16	-6.28	-6.41	-6.56	-6.72	-6.88

Indian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
	(Million Hectares)										
Area Harvested	26.26	25.90	25.95	26.00	26.02	26.01	26.02	26.02	26.02	26.03	26.03
	(Metric Tons per Hectare)										
Yield	2.51	2.66	2.70	2.74	2.79	2.83	2.88	2.93	2.97	3.00	3.03
	(Million Metric Tons)										
Production	66.05	68.78	70.03	71.34	72.55	73.71	74.93	76.12	77.19	78.01	78.83
Beginning Stocks	9.60	8.30	8.28	8.47	8.64	8.74	8.73	8.73	8.71	8.77	8.84
Domestic Supply	75.65	77.08	78.31	79.81	81.20	82.46	83.66	84.86	85.90	86.78	87.67
Feed Use	0.35	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45
Food and Other	68.65	69.69	70.83	72.21	73.45	74.68	75.95	77.27	78.63	79.83	81.04
Ending Stocks	8.30	8.28	8.47	8.64	8.74	8.73	8.73	8.71	8.77	8.84	8.88
Domestic Use	77.30	78.33	79.67	81.24	82.58	83.81	85.09	86.40	87.83	89.11	90.37
Net Trade	-1.65	-1.26	-1.36	-1.42	-1.38	-1.36	-1.43	-1.54	-1.94	-2.32	-2.71

Pakistani Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
	(Million Hectares)										
Area Harvested	8.36	8.36	8.45	8.47	8.52	8.57	8.62	8.64	8.65	8.61	8.56
	(Metric Tons per Hectare)										
Yield	2.24	2.25	2.29	2.34	2.38	2.42	2.47	2.51	2.56	2.60	2.64
	(Million Metric Tons)										
Production	18.70	18.79	19.37	19.78	20.28	20.77	21.28	21.72	22.11	22.39	22.64
Beginning Stocks	3.21	2.86	2.64	2.52	2.45	2.41	2.39	2.38	2.38	2.39	2.41
Domestic Supply	21.91	21.65	22.01	22.30	22.72	23.18	23.67	24.10	24.49	24.78	25.05
Feed Use	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
Food and Other	20.95	21.36	21.84	22.30	22.76	23.22	23.68	24.15	24.64	25.12	25.60
Ending Stocks	2.86	2.64	2.52	2.45	2.41	2.39	2.38	2.38	2.39	2.41	2.43
Domestic Use	24.11	24.31	24.68	25.08	25.51	25.96	26.43	26.91	27.41	27.92	28.43
Net Trade	-2.20	-2.66	-2.68	-2.78	-2.79	-2.77	-2.75	-2.81	-2.92	-3.14	-3.38

Other Asian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	4.05	4.23	4.41	4.53	4.59	4.61	4.56	4.51	4.41	4.31	4.26
					(Metric Tons per Hectare)						
Yield	1.46	1.45	1.46	1.48	1.49	1.51	1.53	1.54	1.56	1.58	1.59
					(Million Metric Tons)						
Production	5.89	6.14	6.45	6.70	6.86	6.96	6.97	6.96	6.88	6.79	6.78
Beginning Stocks	1.01	1.05	1.24	1.29	1.31	1.30	1.29	1.27	1.25	1.25	1.24
Domestic Supply	6.90	7.19	7.69	8.00	8.16	8.26	8.25	8.23	8.14	8.03	8.02
Consumption	16.67	17.21	17.53	17.88	18.26	18.66	19.08	19.51	19.85	20.17	20.75
Ending Stocks	1.05	1.24	1.29	1.31	1.30	1.29	1.27	1.25	1.25	1.24	1.23
Domestic Use	17.72	18.45	18.82	19.19	19.56	19.95	20.35	20.77	21.09	21.41	21.98
Net Trade	-10.82	-11.25	-11.14	-11.20	-11.40	-11.69	-12.10	-12.54	-12.95	-13.38	-13.96

Brazilian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.40	1.35	1.33	1.33	1.34	1.34	1.34	1.34	1.34	1.34	1.34
					(Metric Tons per Hectare)						
Yield	1.57	1.60	1.64	1.67	1.71	1.74	1.78	1.82	1.86	1.89	1.93
					(Million Metric Tons)						
Production	2.20	2.17	2.17	2.22	2.28	2.34	2.39	2.44	2.50	2.55	2.60
Beginning Stocks	0.54	0.50	0.50	0.51	0.51	0.52	0.53	0.53	0.54	0.55	0.56
Domestic Supply	2.74	2.67	2.67	2.73	2.79	2.86	2.92	2.98	3.04	3.10	3.16
Consumption	8.10	8.13	8.20	8.31	8.43	8.55	8.68	8.81	8.96	9.11	9.26
Ending Stocks	0.50	0.50	0.51	0.51	0.52	0.53	0.53	0.54	0.55	0.56	0.57
Domestic Use	8.60	8.63	8.71	8.83	8.95	9.07	9.21	9.35	9.52	9.67	9.82
Net Trade	-5.86	-5.96	-6.03	-6.10	-6.15	-6.22	-6.29	-6.38	-6.48	-6.57	-6.66

Mexican Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.80	0.80	0.80	0.81	0.81	0.81	0.82	0.82	0.82	0.82	0.82
					(Metric Tons per Hectare)						
Yield	4.13	4.15	4.18	4.20	4.23	4.25	4.28	4.30	4.33	4.35	4.38
					(Million Metric Tons)						
Production	3.30	3.31	3.36	3.40	3.43	3.46	3.49	3.51	3.54	3.56	3.58
Beginning Stocks	0.59	0.59	0.57	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.62
Domestic Supply	3.89	3.90	3.93	3.98	4.02	4.05	4.08	4.11	4.15	4.17	4.20
Consumption	5.55	5.58	5.67	5.77	5.90	6.03	6.17	6.32	6.48	6.65	6.84
Ending Stocks	0.59	0.57	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62
Domestic Use	6.14	6.16	6.25	6.36	6.49	6.63	6.77	6.93	7.09	7.27	7.46
Net Trade	-2.25	-2.26	-2.32	-2.38	-2.47	-2.58	-2.69	-2.81	-2.95	-3.10	-3.26

Other Latin American Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.10	1.05	1.06	1.08	1.10	1.13	1.15	1.17	1.20	1.21	1.22
					(Metric Tons per Hectare)						
Yield	2.28	2.44	2.48	2.52	2.56	2.60	2.64	2.68	2.72	2.76	2.81
					(Million Metric Tons)						
Production	2.50	2.55	2.63	2.73	2.83	2.92	3.04	3.15	3.26	3.34	3.44
Beginning Stocks	1.02	0.98	0.97	0.98	1.00	1.02	1.04	1.06	1.09	1.11	1.13
Domestic Supply	3.52	3.53	3.59	3.71	3.83	3.94	4.08	4.21	4.34	4.45	4.57
Consumption	10.73	10.58	10.76	10.98	11.22	11.46	11.73	11.99	12.28	12.57	12.87
Ending Stocks	0.98	0.97	0.98	1.00	1.02	1.04	1.06	1.09	1.11	1.13	1.16
Domestic Use	11.71	11.55	11.74	11.98	12.24	12.50	12.79	13.08	13.39	13.70	14.03
Net Trade	-8.19	-8.02	-8.15	-8.27	-8.41	-8.56	-8.71	-8.87	-9.05	-9.25	-9.46

Algerian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.50	1.54	1.56	1.57	1.57	1.58	1.58	1.58	1.58	1.57	1.57
					(Metric Tons per Hectare)						
Yield	1.00	1.08	1.11	1.14	1.17	1.20	1.23	1.26	1.29	1.32	1.35
					(Million Metric Tons)						
Production	1.50	1.66	1.73	1.79	1.84	1.89	1.94	1.98	2.03	2.07	2.12
Beginning Stocks	0.59	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88
Domestic Supply	2.09	2.45	2.53	2.60	2.66	2.72	2.78	2.83	2.89	2.94	3.00
Consumption	5.90	6.03	6.10	6.16	6.22	6.29	6.36	6.43	6.51	6.59	6.67
Ending Stocks	0.79	0.80	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89
Domestic Use	6.69	6.83	6.91	6.98	7.05	7.13	7.21	7.29	7.38	7.47	7.56
Net Trade	-4.60	-4.38	-4.38	-4.38	-4.39	-4.41	-4.43	-4.46	-4.49	-4.53	-4.56

Egyptian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.05	1.07	1.08	1.08	1.08	1.09	1.09	1.09	1.10	1.10	1.10
					(Metric Tons per Hectare)						
Yield	5.71	5.86	6.03	6.20	6.39	6.59	6.81	7.04	7.28	7.53	7.80
					(Million Metric Tons)						
Production	6.00	6.08	6.20	6.31	6.42	6.52	6.63	6.73	6.84	6.95	7.05
Beginning Stocks	1.20	1.40	1.42	1.42	1.43	1.44	1.44	1.45	1.45	1.46	1.47
Domestic Supply	7.20	7.48	7.62	7.74	7.85	7.96	8.07	8.18	8.29	8.41	8.53
Consumption	13.00	13.50	13.62	13.75	13.88	14.03	14.19	14.37	14.57	14.79	15.02
Ending Stocks	1.40	1.42	1.42	1.43	1.44	1.44	1.45	1.45	1.46	1.47	1.48
Domestic Use	14.40	14.92	15.05	15.18	15.31	15.47	15.64	15.83	16.03	16.26	16.50
Net Trade	-7.20	-7.44	-7.43	-7.44	-7.47	-7.51	-7.57	-7.65	-7.74	-7.85	-7.98

Iranian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	7.60	7.74	7.83	7.90	7.94	7.97	7.99	7.99	8.00	8.00	8.00
					(Metric Tons per Hectare)						
Yield	1.45	1.51	1.55	1.59	1.62	1.65	1.68	1.71	1.74	1.77	1.80
					(Million Metric Tons)						
Production	11.00	11.68	12.15	12.53	12.85	13.14	13.40	13.66	13.91	14.15	14.39
Beginning Stocks	5.27	3.32	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13
Domestic Supply	16.27	15.00	15.28	15.65	15.97	16.26	16.53	16.79	17.04	17.28	17.52
Feed Use	0.75	0.76	0.76	0.77	0.77	0.78	0.78	0.79	0.79	0.80	0.80
Food and Other	15.70	14.56	14.95	15.36	15.77	16.17	16.58	16.99	17.40	17.82	18.25
Ending Stocks	3.32	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.13
Domestic Use	19.77	18.44	18.84	19.25	19.67	20.07	20.49	20.90	21.32	21.75	22.18
Net Trade	-3.50	-3.44	-3.56	-3.60	-3.69	-3.81	-3.95	-4.11	-4.28	-4.47	-4.66

Moroccan Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	3.10	3.20	3.20	3.18	3.16	3.14	3.12	3.10	3.09	3.07	3.05
					(Metric Tons per Hectare)						
Yield	1.42	1.35	1.37	1.38	1.40	1.41	1.43	1.44	1.46	1.47	1.49
					(Million Metric Tons)						
Production	4.40	4.32	4.36	4.39	4.41	4.43	4.45	4.47	4.49	4.51	4.53
Beginning Stocks	1.82	1.99	2.04	2.08	2.10	2.11	2.11	2.12	2.12	2.12	2.12
Domestic Supply	6.22	6.31	6.41	6.46	6.50	6.54	6.56	6.59	6.61	6.63	6.66
Consumption	5.70	5.79	5.96	6.15	6.23	6.33	6.43	6.53	6.65	6.78	6.91
Ending Stocks	1.99	2.04	2.08	2.10	2.11	2.11	2.12	2.12	2.12	2.12	2.12
Domestic Use	7.69	7.83	8.03	8.24	8.34	8.44	8.54	8.65	8.77	8.90	9.04
Net Trade	-1.47	-1.52	-1.63	-1.78	-1.84	-1.91	-1.98	-2.07	-2.16	-2.27	-2.38

Tunisian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.95	0.98	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.98	0.98
					(Metric Tons per Hectare)						
Yield	1.42	1.45	1.48	1.50	1.52	1.55	1.57	1.59	1.62	1.64	1.67
					(Million Metric Tons)						
Production	1.35	1.43	1.46	1.48	1.50	1.53	1.55	1.57	1.60	1.62	1.64
Beginning Stocks	0.58	0.38	0.39	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.44
Domestic Supply	1.93	1.81	1.84	1.87	1.90	1.93	1.96	1.99	2.02	2.05	2.08
Consumption	2.40	2.30	2.34	2.40	2.47	2.55	2.63	2.72	2.82	2.92	3.03
Ending Stocks	0.38	0.39	0.39	0.40	0.41	0.41	0.42	0.42	0.43	0.44	0.44
Domestic Use	2.78	2.68	2.73	2.80	2.88	2.96	3.05	3.15	3.25	3.36	3.47
Net Trade	-0.85	-0.87	-0.89	-0.93	-0.98	-1.03	-1.09	-1.16	-1.23	-1.31	-1.40

Other African/Middle Eastern Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	15.66	15.47	15.46	15.45	15.45	15.44	15.42	15.42	15.41	15.40	15.40
					(Metric Tons per Hectare)						
Yield	1.93	1.96	2.00	2.04	2.07	2.11	2.14	2.18	2.22	2.25	2.29
					(Million Metric Tons)						
Production	30.19	30.38	30.92	31.46	32.00	32.54	33.07	33.61	34.14	34.68	35.22
Beginning Stocks	7.71	6.49	5.80	5.43	5.24	5.11	5.00	4.92	4.84	4.80	4.77
Domestic Supply	37.90	36.87	36.72	36.89	37.24	37.65	38.07	38.53	38.99	39.49	39.99
Consumption	44.59	45.18	45.95	46.78	47.61	48.43	49.25	50.08	50.91	51.43	51.96
Ending Stocks	6.49	5.80	5.43	5.24	5.11	5.00	4.92	4.84	4.80	4.77	4.73
Domestic Use	51.08	50.98	51.39	52.02	52.73	53.43	54.18	54.92	55.71	56.20	56.70
Net Trade	-13.18	-14.12	-14.67	-15.13	-15.49	-15.79	-16.10	-16.39	-16.73	-16.71	-16.71

Czech Republic Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.91	0.94	0.97	0.99	1.00	1.01	1.01	1.02	1.02	1.03	1.03
					(Metric Tons per Hectare)						
Yield	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37
					(Million Metric Tons)						
Production	3.90	4.03	4.15	4.25	4.32	4.36	4.39	4.41	4.43	4.48	4.52
Beginning Stocks	1.04	1.09	1.13	1.17	1.21	1.26	1.30	1.34	1.39	1.43	1.48
Domestic Supply	4.94	5.12	5.28	5.42	5.53	5.62	5.69	5.75	5.82	5.91	6.00
Feed Use	2.00	2.05	2.06	2.06	2.06	2.05	2.05	2.07	2.09	2.12	2.17
Food and Other	1.80	1.82	1.84	1.87	1.91	1.95	2.00	2.04	2.08	2.12	2.15
Ending Stocks	1.09	1.13	1.17	1.21	1.26	1.30	1.34	1.39	1.43	1.48	1.53
Domestic Use	4.89	5.00	5.08	5.15	5.22	5.30	5.39	5.49	5.60	5.71	5.84
Net Trade	0.05	0.12	0.21	0.27	0.31	0.31	0.30	0.26	0.21	0.19	0.15

Hungarian Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.15	1.18	1.22	1.24	1.24	1.24	1.23	1.23	1.23	1.23	1.25
					(Metric Tons per Hectare)						
Yield	4.35	4.39	4.44	4.48	4.52	4.57	4.62	4.66	4.71	4.76	4.80
					(Million Metric Tons)						
Production	5.00	5.18	5.42	5.55	5.62	5.65	5.69	5.73	5.78	5.87	5.98
Beginning Stocks	1.10	0.80	0.70	0.66	0.65	0.65	0.64	0.63	0.62	0.62	0.63
Domestic Supply	6.10	5.98	6.12	6.21	6.27	6.30	6.34	6.37	6.40	6.49	6.61
Feed Use	1.80	1.90	1.99	2.05	2.10	2.14	2.19	2.23	2.27	2.31	2.36
Food and Other	2.32	2.00	2.00	2.00	2.01	2.01	2.01	2.02	2.02	2.03	2.03
Ending Stocks	0.80	0.70	0.66	0.65	0.65	0.64	0.63	0.62	0.62	0.63	0.67
Domestic Use	4.92	4.61	4.65	4.71	4.76	4.79	4.83	4.87	4.91	4.97	5.06
Net Trade	1.18	1.38	1.47	1.51	1.52	1.51	1.50	1.50	1.50	1.52	1.55

Polish Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.64	2.65	2.66	2.67
					(Metric Tons per Hectare)						
Yield	3.69	3.50	3.54	3.57	3.61	3.64	3.68	3.72	3.75	3.79	3.83
					(Million Metric Tons)						
Production	9.50	9.07	9.20	9.33	9.45	9.58	9.70	9.82	9.95	10.08	10.20
Beginning Stocks	1.09	1.44	1.48	1.49	1.49	1.50	1.51	1.51	1.52	1.52	1.52
Domestic Supply	10.59	10.51	10.68	10.82	10.95	11.08	11.21	11.33	11.46	11.59	11.72
Feed Use	3.50	3.54	3.59	3.60	3.67	3.72	3.78	3.83	3.90	3.99	4.10
Food and Other	5.85	5.87	5.90	5.94	5.99	6.03	6.08	6.12	6.16	6.20	6.23
Ending Stocks	1.44	1.48	1.49	1.49	1.50	1.51	1.51	1.52	1.52	1.52	1.52
Domestic Use	10.79	10.89	10.98	11.04	11.16	11.26	11.37	11.46	11.58	11.71	11.85
Net Trade	-0.20	-0.38	-0.31	-0.22	-0.21	-0.19	-0.16	-0.13	-0.12	-0.12	-0.13

Other Eastern European Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	4.94	5.08	5.11	5.09	5.06	5.03	5.00	4.97	4.95	4.92	4.89
					(Metric Tons per Hectare)						
Yield	3.13	3.17	3.21	3.25	3.28	3.32	3.35	3.39	3.43	3.46	3.50
					(Million Metric Tons)						
Production	15.47	16.09	16.39	16.52	16.62	16.69	16.77	16.86	16.94	17.02	17.09
Beginning Stocks	3.82	2.63	2.64	2.65	2.65	2.65	2.65	2.66	2.66	2.67	2.68
Domestic Supply	19.29	18.72	19.03	19.17	19.27	19.34	19.42	19.52	19.60	19.69	19.77
Feed Use	5.00	5.02	5.06	5.14	5.22	5.30	5.39	5.47	5.58	5.68	5.79
Food and Other	11.51	11.51	11.53	11.54	11.56	11.58	11.60	11.62	11.63	11.65	11.66
Ending Stocks	2.63	2.64	2.65	2.65	2.65	2.65	2.66	2.66	2.67	2.68	2.68
Domestic Use	19.14	19.17	19.24	19.33	19.43	19.53	19.65	19.75	19.89	20.00	20.13
Net Trade	0.15	-0.45	-0.21	-0.16	-0.17	-0.19	-0.22	-0.23	-0.28	-0.31	-0.37

Rest-of-World Wheat Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
					(Metric Tons per Hectare)						
Yield	5.00	5.08	5.15	5.23	5.30	5.38	5.46	5.53	5.61	5.69	5.76
					(Million Metric Tons)						
Production	0.28	0.20	0.21	0.21	0.21	0.22	0.22	0.22	0.22	0.23	0.23
Beginning Stocks	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Domestic Supply	0.38	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.32	0.33	0.33
Consumption	0.78	0.73	0.74	0.76	0.78	0.80	0.82	0.84	0.86	0.89	0.91
Ending Stocks	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Domestic Use	0.88	0.83	0.84	0.86	0.88	0.90	0.92	0.94	0.96	0.99	1.01
Net Trade	-0.51	-0.53	-0.54	-0.55	-0.57	-0.58	-0.60	-0.62	-0.64	-0.66	-0.68

RICE

Rice

•World rice area is projected to decline throughout the projection period from 149.55 mha to 147 mha, mainly because of competition from other cash crops and urbanization. Assuming normal yields, world rice production is projected to increase by 13 mmt in 1999/00. For the remaining projection period, production increases to 426 mmt, despite declining area.

•Rice consumption around the world has been changing both in traditional and nontraditional rice consuming regions. Income growth and urbanization is shifting consumption to wheat in traditional rice consuming regions, particularly in Asian countries. On the other hand, per capita consumption has been increasing in poor African countries and nontraditional consuming regions. On the aggregate basis, world rice consumption is projected to increase by 40 mmt in the next decade.

•Although consumption is projected to increase by such significant amount, world rice trade is expected to increase by only 3 mmt, suggesting thinness of the world rice market, where less than 5 percent trade is unlikely to change in the future.

•Thailand rice area is projected to decline slowly over the baseline period, but production grows from 14.3 to 16 mmt through yield growth. Declining per capita consumption enables Thailand to expand its exports by more than 1 mmt in the next decade.

•Vietnam, India, and Pakistan, also expand their rice exports during the projection period. Vietnam has transformed itself from an importer to the second largest exporter in the last decade. Vietnamese rice area is projected to be flat in the next 10 years because of competition from other crops and loss of rice area due to urbanization. Production increase through yield growth will rise more than consumption, expanding exports from 3.5 to 4.63 mmt in the next 10 years.

•Indian rice production primarily grows through yield growth with a relatively flat area. However, declining per capita consumption in urban locations and a shift in consumption from rice to wheat in rice consuming regions are projected to slow consumption growth in the next decade. Thus, Indian rice exports are expected to grow from 1.94 mmt in a 99/00 to 3.12 mmt in 2008/09

•Per capita rice consumption in Pakistan is only 17 kg and is not likely to expand in the future. Thus, most of the additional production will find its way through the export market, increasing its exports from 2 to 2.25 mmt.

•Other Asian exporters include China, Taiwan, and Myanamar, which account for a small proportion of total Asian exports. Chinese rice area is projected to decline throughout the projection period because of competition from other crops. Per capita urban consumption is projected to continue to decline with a rise in income, whereas rural per capita consumption grows at a slower pace as income rises. Slower consumption growth enables China to remain a small net exporter of rice throughout the projection period.

•U.S. rice area is projected to decline slightly in the next decade, and production grows mostly through yield growth. Strong growth in domestic uses from steadily rising per capita consumption and slow production growth cause exports to fall by 0.5 mmt between 1999 and 2008.

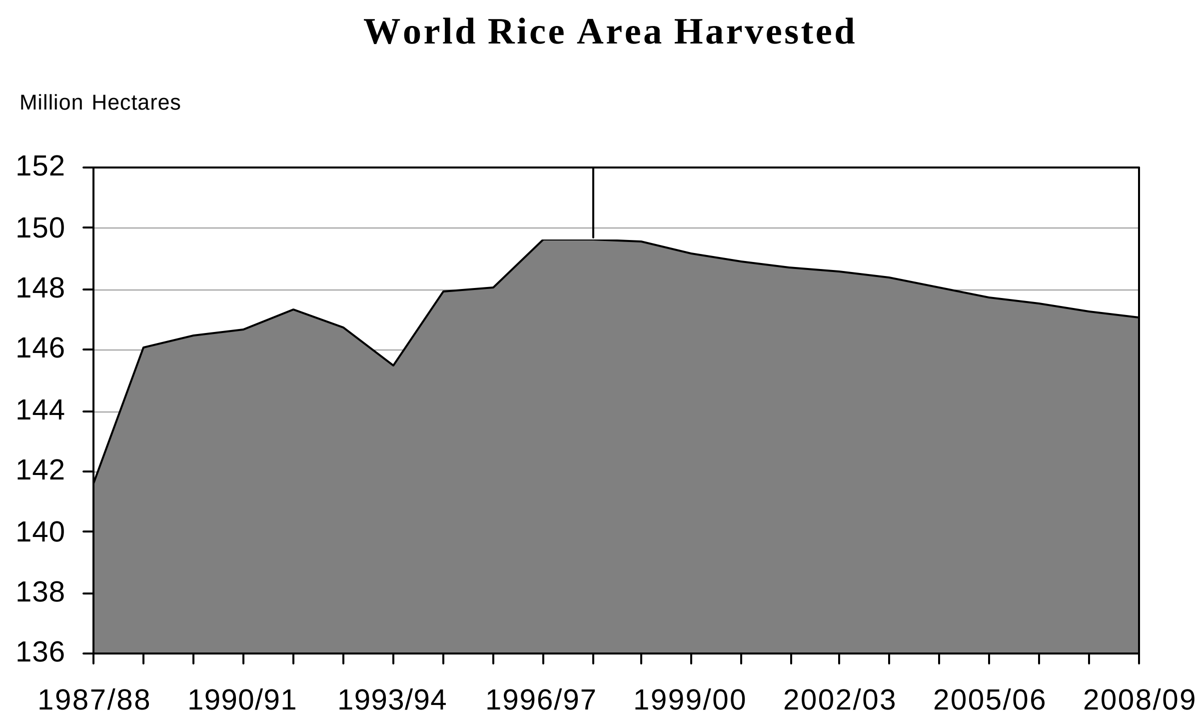
•MERCOSUR has enabled Argentina and Uruguay to expand their rice exports to Brazil because of duty-free access to the Brazilian market. This is likely to continue in the future as the lower cost of production in Argentina and Uruguay will keep Brazilian rice area in its declining trend.

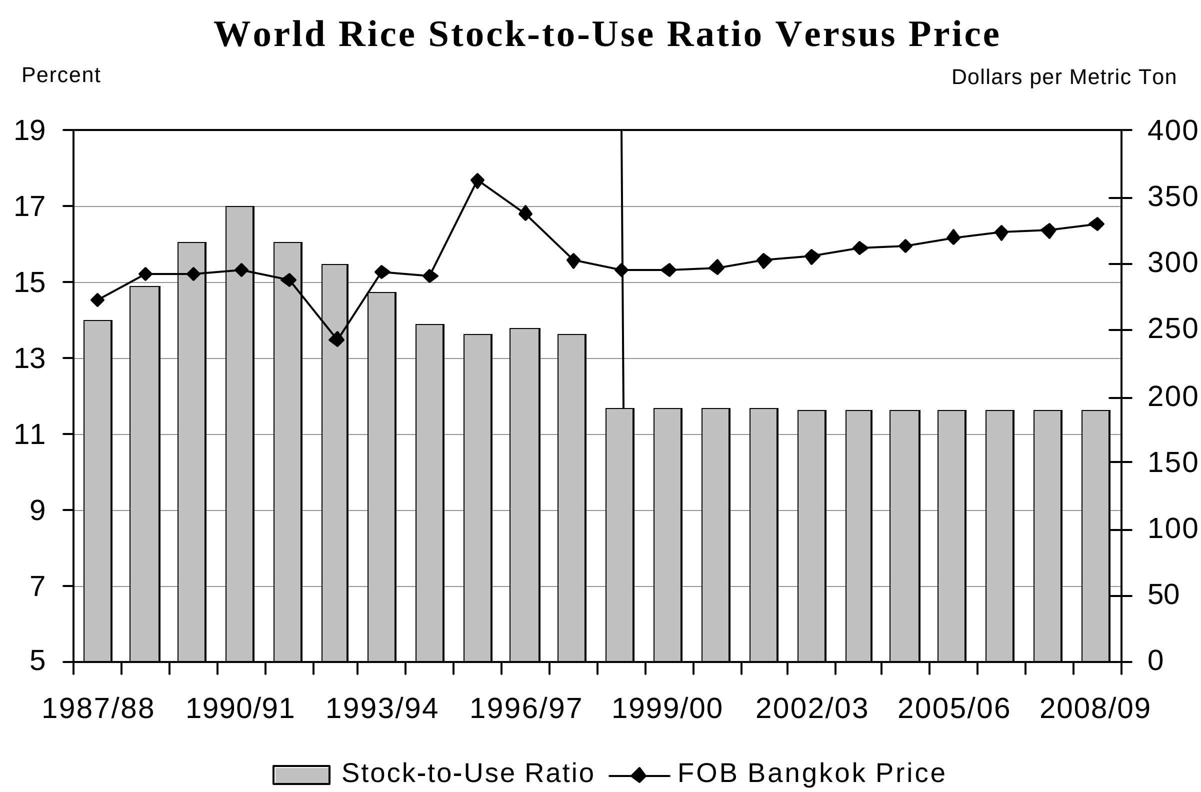
•Indonesian rice imports increased by more than 600 percent last year in response to the domestic shortfall in production. However, as production returns to a more normal level this year, imports are projected to decline to 2 mmt, compared to 5.9 mmt last year. Indonesian rice production is expected to increase from 33 to 38.5 mmt by the end of the projection period. However, growing domestic demand arising from rising per capita consumption and higher population growth is likely to outpace domestic supply, requiring Indonesia to increase its imports by more than 50 percent in the next 10 years.

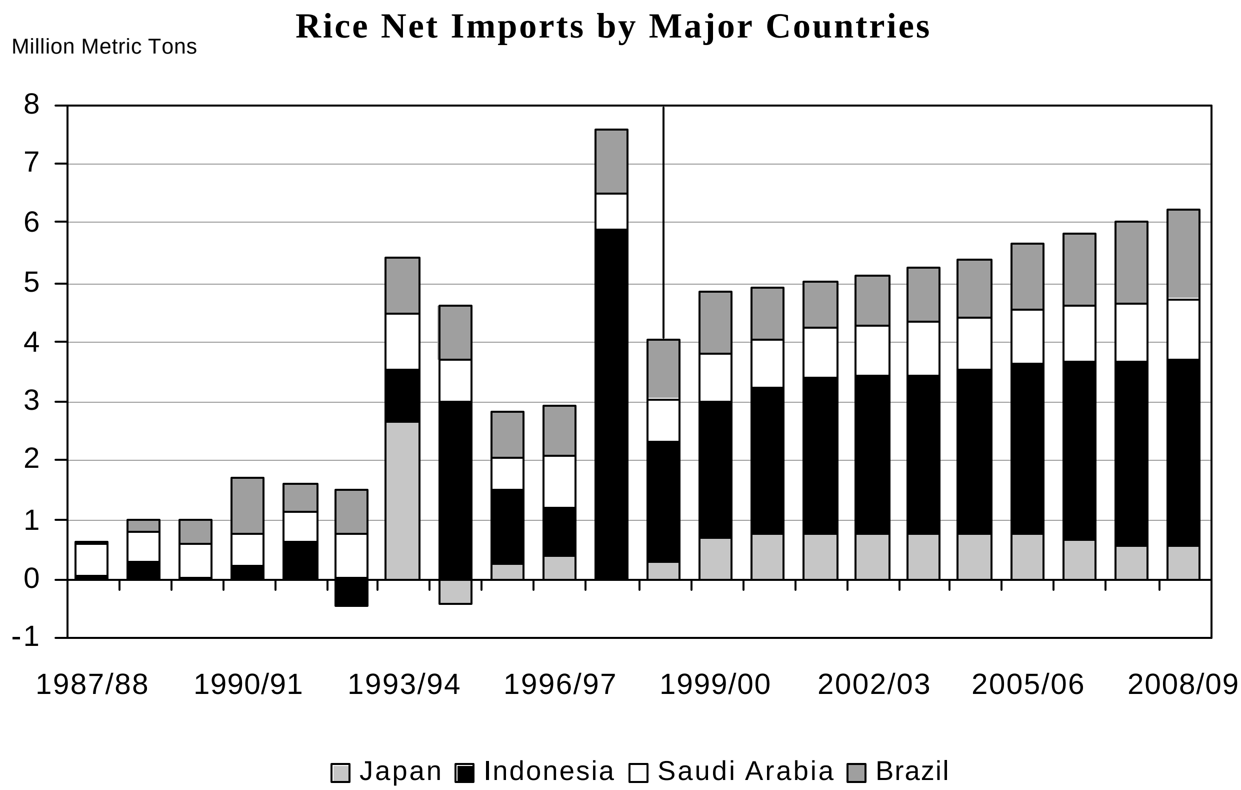
• Under GATT minimum-access commitments, Japan and South Korea have agreed to import a minimum specified amount of rice. Japan must import 0.758 mmt of rice by 2001, and South Korea must import 0.205 mmt by 2004. With declining per capita consumption, Japan and South Korea will have to reduce domestic production to accommodate imported rice. The Japanese diversion program is projected to increase from 1.1 mmt in 1998/99 to 1.45 mmt in 2008/09, resulting in a similar decline in rice-planted area.

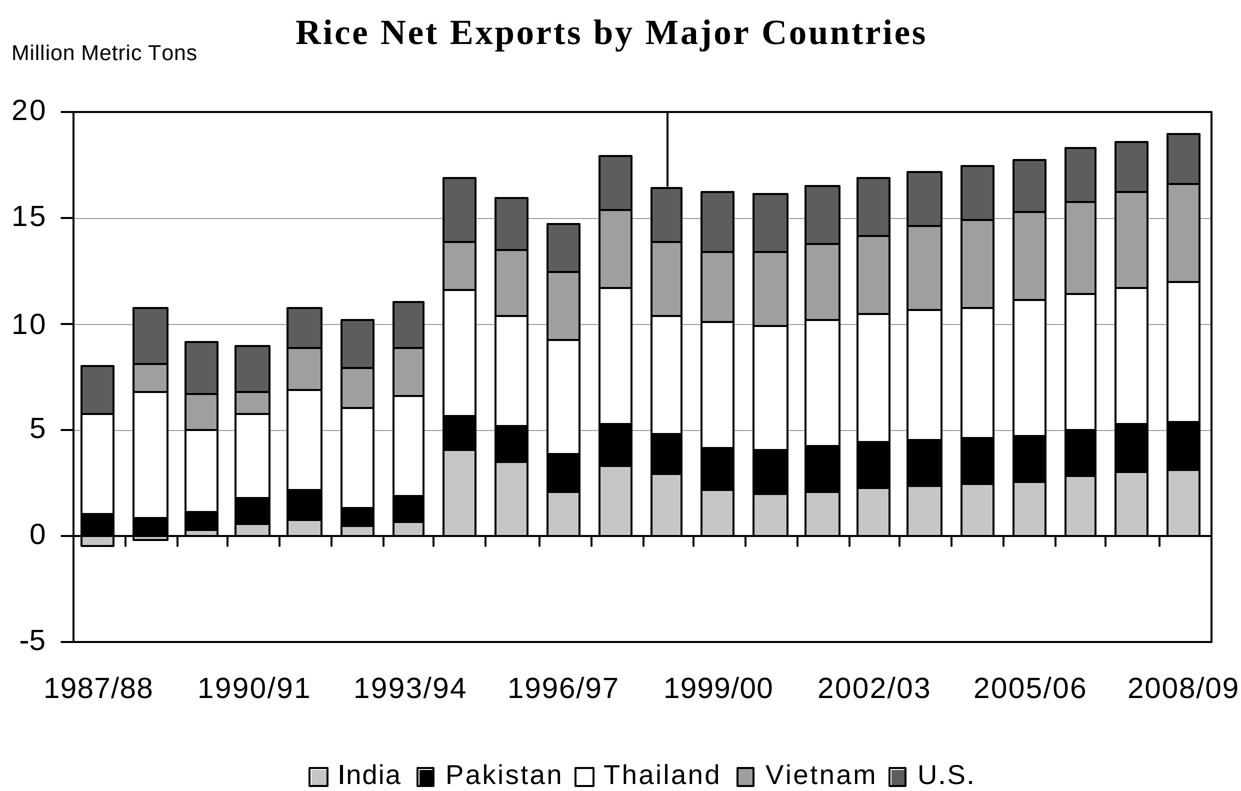
Rice Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters						(Million Metric Tons)					
Argentina	0.60	0.64	0.66	0.68	0.69	0.71	0.73	0.75	0.77	0.79	0.80
China	0.95	0.58	0.96	1.24	1.19	1.11	1.12	1.03	0.91	0.82	0.72
India	2.85	2.12	1.94	2.09	2.29	2.39	2.44	2.57	2.80	2.97	3.12
Myanmar (Burma)	0.10	0.13	0.15	0.15	0.14	0.11	0.09	0.06	0.06	0.06	0.09
Pakistan	2.00	2.04	2.08	2.10	2.12	2.14	2.16	2.19	2.21	2.23	2.25
Taiwan	0.04	0.07	0.10	0.11	0.12	0.12	0.11	0.09	0.06	0.04	0.01
Thailand	5.50	5.86	5.88	5.95	6.03	6.12	6.22	6.31	6.40	6.50	6.59
United States	2.54	2.88	2.80	2.74	2.69	2.64	2.60	2.54	2.49	2.43	2.38
Uruguay	0.70	0.74	0.77	0.80	0.83	0.87	0.90	0.94	0.99	1.04	1.09
Vietnam	3.50	3.32	3.46	3.59	3.74	3.88	4.03	4.18	4.33	4.48	4.63
Total Net Exports	18.74	18.31	18.70	19.34	19.72	19.98	20.30	20.57	20.96	21.32	21.68
Net Importers											
Brazil	1.00	1.05	0.90	0.80	0.84	0.92	1.00	1.11	1.24	1.38	1.53
European Union	0.22	0.26	0.26	0.27	0.29	0.30	0.32	0.35	0.38	0.41	0.44
Indonesia	2.00	2.33	2.46	2.66	2.69	2.69	2.75	2.85	3.01	3.12	3.16
Japan	0.30	0.68	0.76	0.76	0.76	0.76	0.76	0.76	0.66	0.56	0.56
Philippines	1.50	1.33	1.47	1.62	1.76	1.82	1.87	1.89	1.96	2.03	2.08
Saudi Arabia	0.75	0.79	0.81	0.83	0.85	0.87	0.90	0.92	0.95	0.97	1.00
South Korea	0.13	0.10	0.10	0.13	0.15	0.18	0.21	0.21	0.21	0.21	0.21
Rest of World	11.23	11.77	11.94	12.28	12.39	12.44	12.51	12.48	12.57	12.65	12.69
Residual	1.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Net Imports	18.74	18.31	18.70	19.34	19.72	19.98	20.30	20.57	20.96	21.32	21.68
Rice Prices						(U.S. Dollars per Metric Ton)					
FOB Bangkok 100% B Grade	295.00	294.85	297.38	301.97	304.93	311.44	314.11	319.67	322.97	325.58	329.84
FOB Bangkok 15% Broken	295.00	281.62	283.96	288.21	290.95	296.98	299.44	304.58	307.64	310.05	314.00
FOB U.S. Houston	384.93	367.73	370.60	376.33	379.64	388.23	390.88	398.60	401.90	405.65	410.94


World Rice Area Harvested
Million Hectares
152
150
148
146
144
142
140
138
136
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09


World Rice Stock-to-Use Ratio Versus Price
Percent
Dollars per Metric Ton
19
17
15
13
11
9
7
5
400
350
300
250
200
150
100
50
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Stock-to-Use Ratio
FOB Bangkok Price


Rice Net Imports by Major Countries
Million Metric Tons
8
7
6
5
4
3
2
1
0
-1
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Japan
Indonesia
Saudi Arabia
Brazil


Rice Net Exports by Major Countries
Million Metric Tons
20
15
10
5
0
-5
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
India
Pakistan
Thailand
Vietnam
U.S.

World Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	149.55	149.12	148.94	148.74	148.58	148.33	148.08	147.75	147.49	147.25	147.04
					(Metric Tons per Hectare)						
Yield	2.53	2.62	2.66	2.69	2.72	2.75	2.78	2.81	2.84	2.87	2.90
					(Million Metric Tons)						
Production	377.89	390.41	395.79	399.76	403.77	407.64	411.52	414.97	418.65	422.30	426.07
Beginning Stock	52.21	44.90	45.48	46.09	46.54	46.98	47.41	47.87	48.25	48.64	49.03
Total Supply	430.10	435.31	441.27	445.84	450.31	454.62	458.93	462.83	466.90	470.94	475.10
Consumption	385.20	389.82	395.19	399.30	403.33	407.22	411.06	414.58	418.26	421.91	425.71
Ending Stocks	44.90	45.48	46.09	46.54	46.98	47.41	47.87	48.25	48.64	49.03	49.39
Total Use	430.10	435.31	441.27	445.84	450.31	454.62	458.93	462.83	466.90	470.94	475.10
Trade	18.74	18.31	18.70	19.34	19.72	19.98	20.30	20.57	20.96	21.32	21.68
					(Percent)						
Stock to Use Ratio	11.70	11.70	11.70	11.70	11.60	11.60	11.60	11.60	11.60	11.60	11.60

U.S. Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.34	1.38	1.36	1.35	1.35	1.34	1.34	1.33	1.33	1.32	1.32
					(Metric Tons per Hectare)						
Yield	6.35	6.67	6.71	6.76	6.81	6.86	6.90	6.95	6.99	7.04	7.09
					(Million Metric Tons)						
Production	6.14	6.65	6.56	6.57	6.61	6.61	6.66	6.66	6.69	6.70	6.71
Beginning Stock	0.90	0.95	1.05	1.05	1.05	1.07	1.07	1.08	1.08	1.09	1.10
Domestic Supply	7.05	7.60	7.61	7.62	7.66	7.68	7.73	7.74	7.77	7.79	7.82
Food	2.73	2.83	2.90	2.98	3.05	3.12	3.18	3.25	3.32	3.39	3.46
Seed	0.15	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Brewing	0.50	0.51	0.51	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.54
Residual	0.18	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Ending Stocks	0.95	1.05	1.05	1.05	1.07	1.07	1.08	1.08	1.09	1.10	1.11
Domestic Use	4.50	4.72	4.81	4.88	4.97	5.04	5.13	5.20	5.28	5.36	5.44
Net Trade	2.54	2.88	2.80	2.74	2.69	2.64	2.60	2.54	2.49	2.43	2.38

Argentine Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.26	0.27	0.27	0.28	0.28	0.28	0.29	0.30	0.30	0.30	0.31
					(Metric Tons per Hectare)						
Yield	3.38	3.42	3.47	3.52	3.57	3.62	3.67	3.71	3.76	3.80	3.85
					(Million Metric Tons)						
Production	0.88	0.92	0.94	0.97	1.00	1.03	1.06	1.09	1.13	1.16	1.19
Beginning Stock	0.09	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Domestic Supply	0.97	1.04	1.08	1.11	1.14	1.17	1.21	1.24	1.27	1.30	1.33
Consumption	0.25	0.26	0.28	0.29	0.30	0.31	0.33	0.34	0.35	0.36	0.38
Ending Stocks	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Domestic Use	0.38	0.40	0.42	0.43	0.44	0.46	0.47	0.48	0.49	0.51	0.52
Net Trade	0.60	0.64	0.66	0.68	0.69	0.71	0.73	0.75	0.77	0.79	0.80

Brazilian Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	3.80	3.68	3.71	3.71	3.65	3.58	3.51	3.43	3.35	3.26	3.18
					(Metric Tons per Hectare)						
Yield	1.88	1.90	1.95	1.99	2.04	2.09	2.13	2.18	2.22	2.26	2.31
					(Million Metric Tons)						
Production	7.14	6.99	7.21	7.40	7.45	7.46	7.47	7.45	7.43	7.39	7.33
Beginning Stock	0.45	0.71	0.79	0.85	0.90	0.93	0.95	0.97	0.98	0.99	0.99
Domestic Supply	7.59	7.70	8.00	8.25	8.34	8.39	8.43	8.42	8.41	8.37	8.32
Consumption	7.88	7.96	8.05	8.15	8.25	8.35	8.46	8.56	8.66	8.76	8.86
Ending Stocks	0.71	0.79	0.85	0.90	0.93	0.95	0.97	0.98	0.99	0.99	0.99
Domestic Use	8.59	8.75	8.90	9.05	9.18	9.31	9.42	9.54	9.64	9.75	9.85
Net Trade	-1.00	-1.05	-0.90	-0.80	-0.84	-0.92	-1.00	-1.11	-1.24	-1.38	-1.53

Chinese Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	31.10	31.08	31.04	30.87	30.74	30.55	30.47	30.34	30.26	30.19	30.13
					(Metric Tons per Hectare)						
Yield	4.28	4.48	4.57	4.61	4.65	4.69	4.73	4.76	4.79	4.82	4.85
					(Million Metric Tons)						
Production	133.00	139.36	141.80	142.39	142.86	143.32	144.00	144.46	145.02	145.49	146.08
Beginning Stock	26.95	22.00	22.24	23.55	24.39	25.01	25.47	25.87	26.13	26.47	26.69
Domestic Supply	159.95	161.36	164.04	165.94	167.25	168.33	169.48	170.33	171.14	171.96	172.77
Consumption	137.00	138.53	139.54	140.31	141.06	141.75	142.49	143.18	143.77	144.44	145.10
Ending Stocks	22.00	22.24	23.55	24.39	25.01	25.47	25.87	26.13	26.47	26.69	26.95
Domestic Use	159.00	160.77	163.09	164.70	166.07	167.22	168.36	169.30	170.23	171.13	172.04
Net Trade	0.95	0.58	0.96	1.24	1.19	1.11	1.12	1.03	0.91	0.82	0.72

European Union Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.42	0.43	0.43	0.44	0.44	0.44	0.45	0.45	0.45	0.45	0.45
					(Metric Tons per Hectare)						
Yield	4.08	4.01	4.04	4.07	4.10	4.13	4.16	4.19	4.22	4.25	4.28
					(Million Metric Tons)						
Production	1.73	1.72	1.75	1.78	1.81	1.83	1.85	1.87	1.89	1.91	1.93
Beginning Stocks	0.38	0.41	0.43	0.44	0.45	0.45	0.45	0.45	0.46	0.46	0.46
Domestic Supply	2.11	2.13	2.18	2.22	2.25	2.28	2.31	2.33	2.35	2.37	2.38
Consumption	1.92	1.96	2.00	2.04	2.09	2.13	2.18	2.22	2.27	2.32	2.37
Ending Stocks	0.41	0.43	0.44	0.45	0.45	0.45	0.45	0.46	0.46	0.46	0.46
Domestic Use	2.33	2.39	2.44	2.49	2.54	2.58	2.63	2.68	2.73	2.78	2.83
Net Trade	-0.22	-0.26	-0.26	-0.27	-0.29	-0.30	-0.32	-0.35	-0.38	-0.41	-0.44

Indian Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	42.70	42.62	42.60	42.64	42.69	42.69	42.66	42.66	42.65	42.64	42.61
					(Metric Tons per Hectare)						
Yield	1.90	1.99	2.03	2.06	2.10	2.13	2.17	2.20	2.24	2.27	2.31
					(Million Metric Tons)						
Production	81.00	84.95	86.41	87.98	89.59	91.08	92.50	93.97	95.43	96.88	98.30
Beginning Stocks	9.50	7.60	7.79	8.00	8.22	8.42	8.58	8.73	8.87	9.00	9.12
Domestic Supply	90.50	92.55	94.19	95.98	97.81	99.49	101.08	102.70	104.30	105.88	107.42
Consumption	80.05	82.64	84.26	85.67	87.10	88.53	89.90	91.26	92.51	93.79	95.07
Ending Stocks	7.60	7.79	8.00	8.22	8.42	8.58	8.73	8.87	9.00	9.12	9.23
Domestic Use	87.65	90.43	92.26	93.89	95.51	97.11	98.64	100.13	101.51	102.91	104.30
Net Trade	2.85	2.12	1.94	2.09	2.29	2.39	2.44	2.57	2.80	2.97	3.12

Indonesian Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	11.40	11.46	11.52	11.61	11.74	11.85	11.89	11.88	11.92	12.00	12.09
					(Metric Tons per Hectare)						
Yield	2.89	2.92	2.95	2.98	3.01	3.04	3.07	3.10	3.13	3.16	3.18
					(Million Metric Tons)						
Production	33.00	33.51	34.02	34.63	35.36	36.02	36.49	36.79	37.28	37.87	38.49
Beginning Stocks	2.20	2.00	2.07	1.84	1.73	1.70	1.69	1.67	1.63	1.58	1.57
Domestic Supply	35.20	35.51	36.08	36.47	37.08	37.72	38.18	38.46	38.91	39.45	40.06
Consumption	35.20	35.77	36.71	37.40	38.07	38.72	39.26	39.68	40.34	41.00	41.65
Ending Stocks	2.00	2.07	1.84	1.73	1.70	1.69	1.67	1.63	1.58	1.57	1.58
Domestic Use	37.20	37.84	38.55	39.13	39.77	40.41	40.93	41.31	41.92	42.57	43.23
Net Trade	-2.00	-2.33	-2.46	-2.66	-2.69	-2.69	-2.75	-2.85	-3.01	-3.12	-3.16

Japanese Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.78	1.74	1.73	1.72	1.71	1.69	1.67	1.64	1.62	1.59	1.57
					(Metric Tons per Hectare)						
Yield	4.56	4.65	4.67	4.69	4.72	4.74	4.77	4.80	4.83	4.86	4.89
					(Million Metric Tons)						
Production	8.10	8.09	8.09	8.08	8.06	8.02	7.96	7.89	7.80	7.73	7.66
Beginning Stocks	2.97	2.17	1.61	1.15	0.77	0.49	0.35	0.32	0.37	0.39	0.39
Domestic Supply	11.07	10.26	9.70	9.24	8.84	8.52	8.31	8.21	8.17	8.12	8.05
Consumption	9.20	9.33	9.31	9.22	9.10	8.93	8.75	8.60	8.44	8.28	8.13
Ending Stocks	2.17	1.61	1.15	0.77	0.49	0.35	0.32	0.37	0.39	0.39	0.48
Domestic Use	11.37	10.94	10.46	10.00	9.59	9.28	9.07	8.97	8.83	8.68	8.61
Net Trade	-0.30	-0.68	-0.76	-0.76	-0.76	-0.76	-0.76	-0.76	-0.66	-0.56	-0.56

Myanmarian Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	5.60	5.67	5.71	5.74	5.75	5.76	5.77	5.78	5.78	5.80	5.82
					(Metric Tons per Hectare)						
Yield	1.66	1.69	1.71	1.73	1.75	1.77	1.80	1.82	1.84	1.86	1.88
					(Million Metric Tons)						
Production	9.30	9.60	9.79	9.95	10.09	10.23	10.36	10.49	10.62	10.77	10.94
Beginning Stocks	0.26	0.18	0.22	0.26	0.30	0.33	0.37	0.40	0.43	0.44	0.45
Domestic Supply	9.56	9.78	10.00	10.20	10.39	10.56	10.73	10.89	11.05	11.21	11.39
Consumption	9.28	9.44	9.60	9.76	9.92	10.08	10.24	10.40	10.56	10.69	10.82
Ending Stocks	0.18	0.22	0.26	0.30	0.33	0.37	0.40	0.43	0.44	0.45	0.48
Domestic Use	9.46	9.65	9.85	10.05	10.25	10.45	10.64	10.83	11.00	11.15	11.30
Net Trade	0.10	0.13	0.15	0.15	0.14	0.11	0.09	0.06	0.06	0.06	0.09

Pakistani Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
						(Million Hectares)					
Area Harvested	2.43	2.43	2.43	2.44	2.44	2.44	2.44	2.43	2.43	2.43	2.43
						(Metric Tons per Hectare)					
Yield	1.89	1.92	1.94	1.97	1.99	2.02	2.05	2.08	2.11	2.14	2.17
						(Million Metric Tons)					
Production	4.60	4.66	4.73	4.79	4.86	4.93	4.99	5.06	5.13	5.20	5.27
Beginning Stocks	0.23	0.28	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.34
Domestic Supply	4.83	4.94	5.03	5.10	5.17	5.24	5.31	5.38	5.46	5.53	5.60
Consumption	2.55	2.59	2.64	2.69	2.73	2.78	2.82	2.87	2.92	2.96	3.01
Ending Stocks	0.28	0.30	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.34	0.34
Domestic Use	2.83	2.90	2.95	3.00	3.05	3.10	3.15	3.20	3.25	3.30	3.35
Net Trade	2.00	2.04	2.08	2.10	2.12	2.14	2.16	2.19	2.21	2.23	2.25

Philippine Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
						(Million Hectares)					
Area Harvested	3.80	3.76	3.75	3.72	3.71	3.73	3.75	3.78	3.78	3.79	3.80
						(Metric Tons per Hectare)					
Yield	1.82	1.94	1.96	1.98	2.01	2.03	2.06	2.08	2.10	2.13	2.15
						(Million Metric Tons)					
Production	6.90	7.29	7.35	7.38	7.45	7.58	7.71	7.86	7.95	8.06	8.17
Beginning Stocks	1.19	1.35	1.42	1.46	1.48	1.49	1.51	1.52	1.54	1.55	1.56
Domestic Supply	8.09	8.64	8.78	8.84	8.92	9.07	9.22	9.39	9.49	9.61	9.73
Consumption	8.24	8.55	8.78	8.99	9.19	9.38	9.56	9.74	9.91	10.07	10.24
Ending Stocks	1.35	1.42	1.46	1.48	1.49	1.51	1.52	1.54	1.55	1.56	1.57
Domestic Use	9.59	9.97	10.24	10.47	10.68	10.88	11.08	11.28	11.45	11.64	11.81
Net Trade	-1.50	-1.33	-1.47	-1.62	-1.76	-1.82	-1.87	-1.89	-1.96	-2.03	-2.08

Saudi Arabian Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Metric Tons)						
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Domestic Supply	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Consumption	0.75	0.79	0.81	0.83	0.85	0.87	0.90	0.92	0.95	0.97	1.00
Ending Stocks	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Domestic Use	1.35	1.39	1.41	1.43	1.45	1.47	1.50	1.52	1.55	1.57	1.60
Net Trade	-0.75	-0.79	-0.81	-0.83	-0.85	-0.87	-0.90	-0.92	-0.95	-0.97	-1.00

South Korean Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	1.06	1.06	1.05	1.03	1.02	1.01	1.00	0.99	0.99	0.98	0.98
					(Metric Tons per Hectare)						
Yield	4.82	4.80	4.84	4.89	4.93	4.98	5.02	5.07	5.11	5.16	5.20
					(Million Metric Tons)						
Production	5.10	5.08	5.08	5.04	5.01	5.00	5.02	5.03	5.05	5.07	5.08
Beginning Stocks	0.98	1.16	1.18	1.08	0.93	0.78	0.66	0.59	0.54	0.51	0.51
Domestic Supply	6.08	6.24	6.25	6.12	5.94	5.78	5.68	5.62	5.59	5.58	5.59
Consumption	5.05	5.16	5.28	5.32	5.31	5.30	5.30	5.29	5.28	5.27	5.26
Ending Stocks	1.16	1.18	1.08	0.93	0.78	0.66	0.59	0.54	0.51	0.51	0.54
Domestic Use	6.21	6.34	6.36	6.25	6.09	5.96	5.89	5.83	5.79	5.78	5.80
Net Trade	-0.13	-0.10	-0.10	-0.13	-0.15	-0.18	-0.21	-0.21	-0.21	-0.21	-0.21

Taiwanese Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.36	0.34	0.34	0.34	0.34	0.34	0.33	0.33	0.32	0.31	0.30
					(Metric Tons per Hectare)						
Yield	3.97	4.08	4.12	4.16	4.20	4.23	4.25	4.27	4.29	4.30	4.31
					(Million Metric Tons)						
Production	1.41	1.40	1.41	1.40	1.42	1.42	1.41	1.39	1.37	1.34	1.31
Beginning Stocks	0.28	0.35	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45
Domestic Supply	1.69	1.74	1.78	1.78	1.81	1.81	1.81	1.80	1.79	1.78	1.76
Consumption	1.30	1.30	1.30	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
Ending Stocks	0.35	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46
Domestic Use	1.65	1.67	1.67	1.67	1.68	1.69	1.71	1.72	1.73	1.74	1.75
Net Trade	0.04	0.07	0.10	0.11	0.12	0.12	0.11	0.09	0.06	0.04	0.01

Thai Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	9.21	9.13	9.09	9.07	9.07	9.07	9.07	9.07	9.07	9.07	9.06
					(Metric Tons per Hectare)						
Yield	1.55	1.60	1.62	1.64	1.66	1.67	1.69	1.71	1.73	1.74	1.76
					(Million Metric Tons)						
Production	14.30	14.64	14.72	14.85	15.01	15.18	15.34	15.51	15.66	15.82	15.97
Beginning Stocks	0.79	0.89	0.91	0.91	0.91	0.92	0.92	0.93	0.93	0.94	0.94
Domestic Supply	15.09	15.53	15.63	15.76	15.92	16.10	16.27	16.43	16.60	16.76	16.91
Consumption	8.70	8.76	8.83	8.90	8.98	9.06	9.12	9.19	9.26	9.32	9.38
Ending Stocks	0.89	0.91	0.91	0.91	0.92	0.92	0.93	0.93	0.94	0.94	0.95
Domestic Use	9.59	9.67	9.74	9.82	9.90	9.98	10.05	10.12	10.19	10.26	10.33
Net Trade	5.50	5.86	5.88	5.95	6.03	6.12	6.22	6.31	6.40	6.50	6.59

Uruguayan Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	0.19	0.20	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.22	0.22
					(Metric Tons per Hectare)						
Yield	4.21	4.17	4.24	4.32	4.42	4.53	4.66	4.80	4.96	5.14	5.33
					(Million Metric Tons)						
Production	0.80	0.82	0.86	0.89	0.92	0.95	0.99	1.03	1.07	1.12	1.17
Beginning Stocks	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Domestic Supply	0.83	0.87	0.90	0.93	0.96	0.99	1.03	1.07	1.11	1.16	1.21
Consumption	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.08
Ending Stocks	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Domestic Use	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.12	0.12	0.12
Net Trade	0.70	0.74	0.77	0.80	0.83	0.87	0.90	0.94	0.99	1.04	1.09

Vietnamese Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	7.20	7.12	7.12	7.13	7.13	7.13	7.14	7.14	7.14	7.14	7.14
					(Metric Tons per Hectare)						
Yield	2.57	2.57	2.63	2.68	2.74	2.79	2.85	2.90	2.96	3.01	3.07
					(Million Metric Tons)						
Production	18.50	18.29	18.70	19.10	19.51	19.91	20.32	20.72	21.13	21.53	21.92
Consumption	15.00	14.97	15.24	15.51	15.77	16.02	16.29	16.54	16.80	17.05	17.29
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	15.00	14.97	15.24	15.51	15.77	16.02	16.29	16.54	16.80	17.05	17.29
Net Trade	3.50	3.32	3.46	3.59	3.74	3.88	4.03	4.18	4.33	4.48	4.63

Rest-of-World Rice Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	26.90	26.74	26.59	26.46	26.33	26.22	26.10	26.00	25.88	25.76	25.65
					(Metric Tons per Hectare)						
Yield	1.71	1.74	1.74	1.76	1.78	1.80	1.81	1.83	1.85	1.87	1.89
					(Million Metric Tons)						
Production	45.99	46.44	46.38	46.54	46.78	47.08	47.37	47.69	47.99	48.28	48.56
Beginning Stocks	4.42	4.10	4.34	4.33	4.36	4.40	4.45	4.50	4.56	4.61	4.67
Domestic Supply	50.41	50.54	50.72	50.87	51.13	51.48	51.82	52.19	52.55	52.89	53.23
Consumption	57.55	57.97	58.33	58.79	59.12	59.47	59.83	60.12	60.51	60.88	61.20
Ending Stocks	4.10	4.34	4.33	4.36	4.40	4.45	4.50	4.56	4.61	4.67	4.72
Domestic Use	61.64	62.31	62.66	63.15	63.52	63.92	64.33	64.68	65.12	65.54	65.92
Net Trade	-11.23	-11.77	-11.94	-12.28	-12.39	-12.44	-12.51	-12.48	-12.57	-12.65	-12.69

Coarse Grains

Coarse Grains

• World coarse grain area has declined more than 5 percent since its peak in 1996/97, and it is projected to decline slightly in the next decade, with a decrease in barley area partially offset by an increase in corn area.

• Even with declining area, world coarse grain production expands from 789 to 899 mmt, entirely through yield growth. Consumption is also expected to rise with the recovery of Asian economies, increasing coarse grain prices by more than 24 percent.

• World coarse grain trade is projected to be sluggish in the next two years, primarily because of slowdown in world economic growth. However, coarse grain trade is likely to expand by more than 32 percent over the next decade.

• Among coarse grains, corn increases by more than 36 percent over the projection period. Most of the growth in import demand is likely to come from developing countries. Asia remains the fastest growing market for corn, accounting for more than 50 percent of the total increase.

• Within Asia, Japan, South Korea, and Taiwan account for more than 90 percent of Asian corn imports. Japanese corn imports are projected to decline steadily in response to declining livestock production. Taiwan's corn imports have declined significantly since 1997 because of FMD. Although Taiwan seems to have recovered from FMD, livestock production is projected to grow rather slowly because of environmental regulations. Corn imports are projected to increase by 1.1 mmt in the next decade.

• Recent economic turmoil has reduced corn imports by Far East Asian countries, such as Thailand, Indonesia, Malaysia, and Philippines, by more than 40 percent. As these countries recover from the crisis, it is projected that corn imports will increase close to the pre-crisis level by the end of the projection period.

• India and China have potential to import significant amounts of corn in the next decade. In the last decade, China has been able to remain a large net exporter of corn in most years. Considering the slowdown in Chinese economic growth in the short run and possible devaluation, China is projected to remain a net exporter of corn until 2002/03, but at a declining rate. However, domestic consumption is likely to outpace production in the second half of the projection period, leaving the country in a net importer position. By 2008/09, China is projected to import more than 5 mmt of corn.

• The Latin American region is the second largest growth market for corn in the next decade. Corn imports in the region are projected to increase by more than 13 percent. Mexico is the largest importer of corn in the region and has been importing well above TRQ level since its implementation under NAFTA. Growing feed use is likely to expand corn imports from 4.15 mmt in 1998/99 to 4.3 mmt in 2001/02. However, Mexico's corn imports are projected to decline to 3.8 mmt in 2002/03 because of lower feed utilization. Decline in feed utilization comes from the poultry sector, which is assumed to be liberalized as a part of the NAFTA agreement, negatively affecting the domestic poultry industry.

• Other Latin American countries are also expected to increase their imports by around 2 mmt, mainly because of the inability of these countries to expand domestic production to meet growing domestic consumption.

• Argentine corn-planted area is projected to decline next year in response to weak corn prices, reducing its exports by more than 13 mmt. Over the baseline period, production mostly grows through yield growth, expanding corn exports from 7.67 mmt in 1999/00 to 9.3 mmt in 2008/09.

• South African corn imports are project to double in 1998/99 because of higher production resulting from large area and favorable weather. Assuming normal weather next year, corn exports decline to 1.6 mmt. For the rest of the period, South African corn exports increase slowly and reach 1.85 mmt by 2008/09.

•The U.S. corn area is projected to expand by 1 mha during the baseline period in response to declining bean-to-corn price ratio. U.S. exports expand from 42.5 to 60.3 mmt, accounting for most of the increased import demand. The U.S. market share increases from 77 to 81 percent by 2008/09.

•Growth in barley imports demand primarily comes from China and Saudi Arabia. In China, higher barley demand in the brewing industry increases imports from 2 to 3.3 mmt, whereas Saudi Arabia increases its barley imports from 5 to 5.9 mmt. The EU supplies most of the expanded barley markets whereas other major exporters, such as Australia and Canada, are limited because of lower barley production.

•In the sorghum market, import demand primarily comes from two countries, Japan and Mexico. Japanese demand is projected to decrease because of falling livestock production. Similarly, Mexican sorghum import increases from 2.8 to 3.86 mmt during the projection period. On the export side, the United States and Argentina supply most of the market.

Corn Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters						(Million Metric Tons)					
Argentina	9.00	7.67	7.62	7.70	7.86	8.08	8.34	8.60	8.85	9.08	9.30
Hungary	0.79	0.64	0.67	0.73	0.82	0.89	0.96	1.03	1.10	1.15	1.18
Other Eastern Europe	0.95	1.05	1.43	1.57	1.70	1.76	1.70	1.67	1.59	1.54	1.54
South Africa	1.75	1.60	1.55	1.55	1.60	1.66	1.69	1.74	1.76	1.79	1.84
Ukraine	0.05	0.02	0.06	0.12	0.14	0.14	0.15	0.16	0.18	0.19	0.22
United States	42.46	44.04	45.18	47.27	48.85	50.02	51.41	53.47	55.60	57.64	60.27
Total Net Exports	55.05	55.02	56.50	58.92	60.93	62.51	64.23	66.63	69.07	71.38	74.35
Net Importers											
Canada	0.50	0.60	0.59	0.63	0.69	0.73	0.80	0.87	0.96	1.05	1.15
European Union	1.54	1.62	1.57	1.18	1.28	1.10	0.83	1.15	1.17	1.18	1.19
Czech Republic	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.04
Poland	0.25	0.33	0.34	0.35	0.35	0.36	0.36	0.36	0.37	0.38	0.40
Israel	0.50	0.55	0.56	0.57	0.58	0.58	0.59	0.59	0.59	0.59	0.60
Japan	15.50	15.39	15.26	15.14	14.96	14.83	14.53	14.33	14.20	14.10	13.97
Russia	0.65	0.71	0.54	0.46	0.41	0.38	0.40	0.41	0.43	0.45	0.49
Other Former Soviet Union	0.22	0.09	0.10	0.16	0.21	0.26	0.29	0.31	0.32	0.33	0.35
Developing	34.77	34.53	36.30	39.16	41.15	42.95	45.08	47.25	49.64	51.89	54.80
Algeria	1.00	1.03	1.07	1.09	1.12	1.15	1.18	1.21	1.24	1.27	1.30
Egypt	3.25	3.28	3.43	3.57	3.70	3.84	3.99	4.14	4.33	4.52	4.73
Other Africa	2.60	2.31	2.66	2.89	3.04	3.14	3.29	3.42	3.56	3.70	3.87
Other Middle East	4.97	5.09	5.11	5.14	5.16	5.18	5.20	5.23	5.26	5.28	5.30
Brazil	0.90	0.53	0.35	0.35	0.33	0.35	0.36	0.38	0.41	0.58	0.91
Mexico	4.15	4.17	4.22	4.30	3.78	3.73	3.71	3.68	3.71	3.77	3.91
Other Latin America	7.46	7.50	7.78	8.02	8.22	8.40	8.58	8.78	8.98	9.17	9.36
China	-3.50	-3.75	-3.42	-2.10	-0.91	-0.15	0.91	1.98	3.11	4.01	5.29
Indonesia	-0.25	-0.28	-0.19	-0.07	0.06	0.18	0.30	0.43	0.56	0.67	0.79
Malaysia	2.30	2.24	2.22	2.26	2.30	2.35	2.42	2.50	2.58	2.65	2.73
South Korea	6.50	6.91	6.86	6.94	7.09	7.23	7.30	7.39	7.52	7.64	7.70
Taiwan	4.50	4.54	4.74	4.97	5.10	5.16	5.27	5.41	5.53	5.62	5.70
Thailand	0.05	0.11	0.19	0.30	0.38	0.46	0.53	0.59	0.66	0.73	0.81
Philippines	0.35	0.34	0.39	0.46	0.52	0.58	0.63	0.67	0.73	0.79	0.85
India	0.04	0.06	0.42	0.59	0.78	0.87	0.92	0.91	0.95	0.94	0.98
Pakistan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vietnam	-0.05	-0.02	0.01	0.02	0.03	0.03	0.03	0.03	0.02	0.01	-0.01
Other Asia	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54	0.55
Rest of World	0.18	0.20	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.37	0.38
Residual	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Total Net Imports	55.05	55.02	56.50	58.92	60.93	62.51	64.23	66.63	69.07	71.38	74.35
Coarse Grain Prices						(U.S. Dollars per Metric Ton)					
Corn (FOB Gulf)	93.80	96.54	99.05	100.80	103.61	106.83	108.85	111.32	112.96	114.90	117.95
Sorghum (FOB Gulf)	86.05	93.04	95.73	98.38	101.53	104.69	106.76	109.00	110.80	112.95	116.34
Barley (Portland)	108.16	109.71	111.49	112.83	116.04	118.79	120.69	122.57	124.06	125.88	128.69

Barley Trade

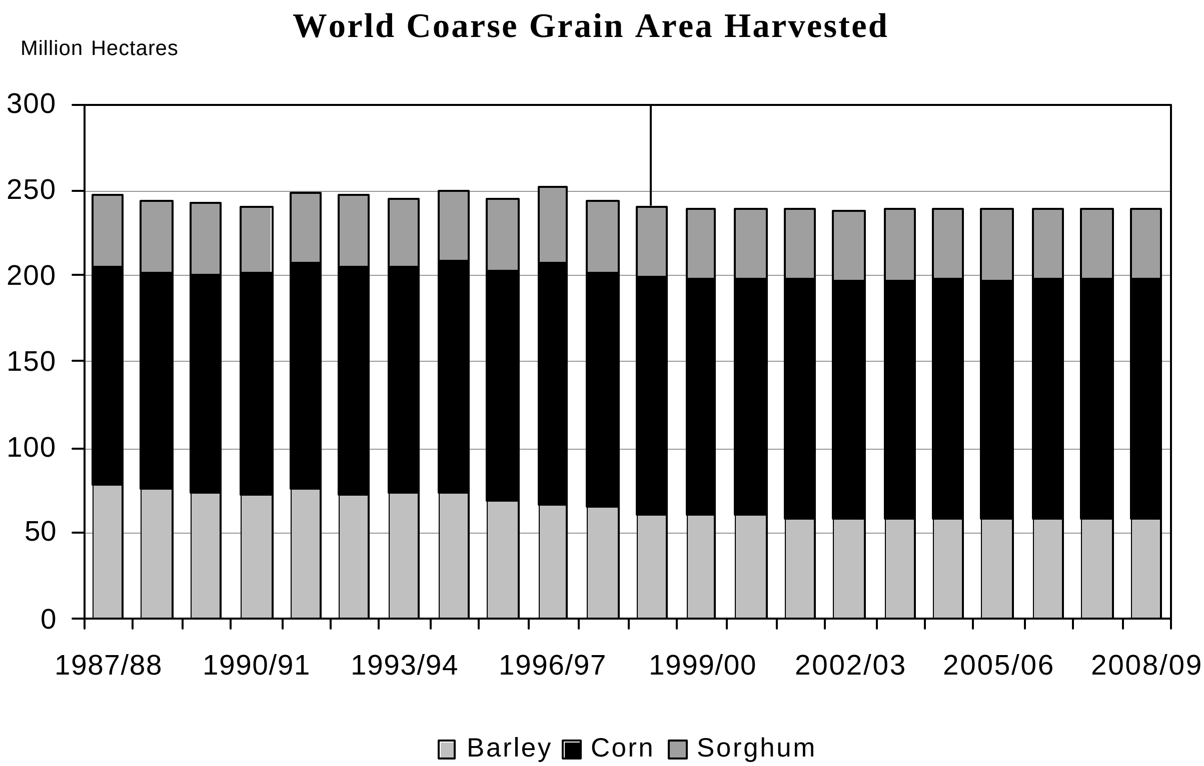
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Million Metric Tons)						
Argentina	0.14	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.15
Australia	2.55	2.53	2.43	2.41	2.40	2.39	2.37	2.36	2.35	2.35	2.37
Canada	1.59	1.18	1.04	1.00	1.04	1.11	1.18	1.27	1.37	1.47	1.58
European Union	8.02	8.59	8.65	8.72	8.77	8.82	8.87	8.85	9.05	9.12	9.36
Russia	-0.35	0.36	0.65	0.89	1.10	1.20	1.28	1.22	1.07	1.01	0.92
Ukraine	0.50	0.29	0.32	0.38	0.43	0.43	0.43	0.42	0.42	0.56	0.66
United States	-0.15	-0.05	0.01	0.05	0.07	0.12	0.15	0.20	0.23	0.26	0.30
Total Net Exports	12.30	13.02	13.22	13.58	13.94	14.20	14.41	14.45	14.63	14.91	15.33
Net Importers											
Czech Republic	0.08	0.12	0.05	-0.01	-0.07	-0.10	-0.11	-0.11	-0.09	-0.04	0.02
Hungary	-0.04	-0.11	-0.09	-0.10	-0.12	-0.15	-0.18	-0.21	-0.24	-0.28	-0.32
Poland	0.10	0.31	0.36	0.37	0.34	0.33	0.33	0.33	0.34	0.36	0.40
Other Eastern Europe	-0.27	0.05	0.03	-0.02	-0.09	-0.13	-0.16	-0.16	-0.18	-0.18	-0.17
Israel	0.40	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53	0.54
Japan	1.40	1.36	1.33	1.32	1.31	1.31	1.26	1.24	1.23	1.22	1.19
Other Former Soviet Union	0.48	0.95	0.78	0.80	0.82	0.86	0.89	0.92	0.93	0.93	0.93
Developing	8.92	9.71	9.80	10.00	10.27	10.45	10.68	10.94	11.20	11.63	12.03
Algeria	0.10	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.12
Other Africa	1.15	1.18	1.20	1.23	1.26	1.28	1.31	1.34	1.38	1.41	1.45
Saudi Arabia	5.00	5.14	5.23	5.30	5.36	5.40	5.44	5.47	5.49	5.68	5.82
Other Middle East	-0.13	0.29	0.20	0.15	0.24	0.22	0.23	0.26	0.26	0.27	0.28
Brazil	0.20	0.21	0.22	0.23	0.24	0.25	0.27	0.28	0.30	0.31	0.33
Mexico	0.10	0.05	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.08
Other Latin America	0.25	0.25	0.25	0.26	0.26	0.26	0.27	0.28	0.28	0.29	0.30
China	2.00	2.24	2.28	2.39	2.47	2.56	2.68	2.81	2.96	3.12	3.29
Pakistan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Taiwan	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.27
Other Asia	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Rest of World	0.38	0.44	0.53	0.62	0.72	0.81	0.91	1.02	1.14	1.26	1.38
Residual	0.86	-0.27	-0.02	0.12	0.26	0.32	0.29	-0.03	-0.21	-0.51	-0.67
Total Net Imports	12.30	13.02	13.22	13.58	13.94	14.20	14.41	14.45	14.63	14.91	15.33
Coarse Grain Prices					(U.S. Dollars per Metric Ton)						
Corn (FOB Gulf)	93.80	96.54	99.05	100.80	103.61	106.83	108.85	111.32	112.96	114.90	117.95
Sorghum (FOB Gulf)	86.05	93.04	95.73	98.38	101.53	104.69	106.76	109.00	110.80	112.95	116.34
Barley (Portland)	108.16	109.71	111.49	112.83	116.04	118.79	120.69	122.57	124.06	125.88	128.69

Sorghum Trade

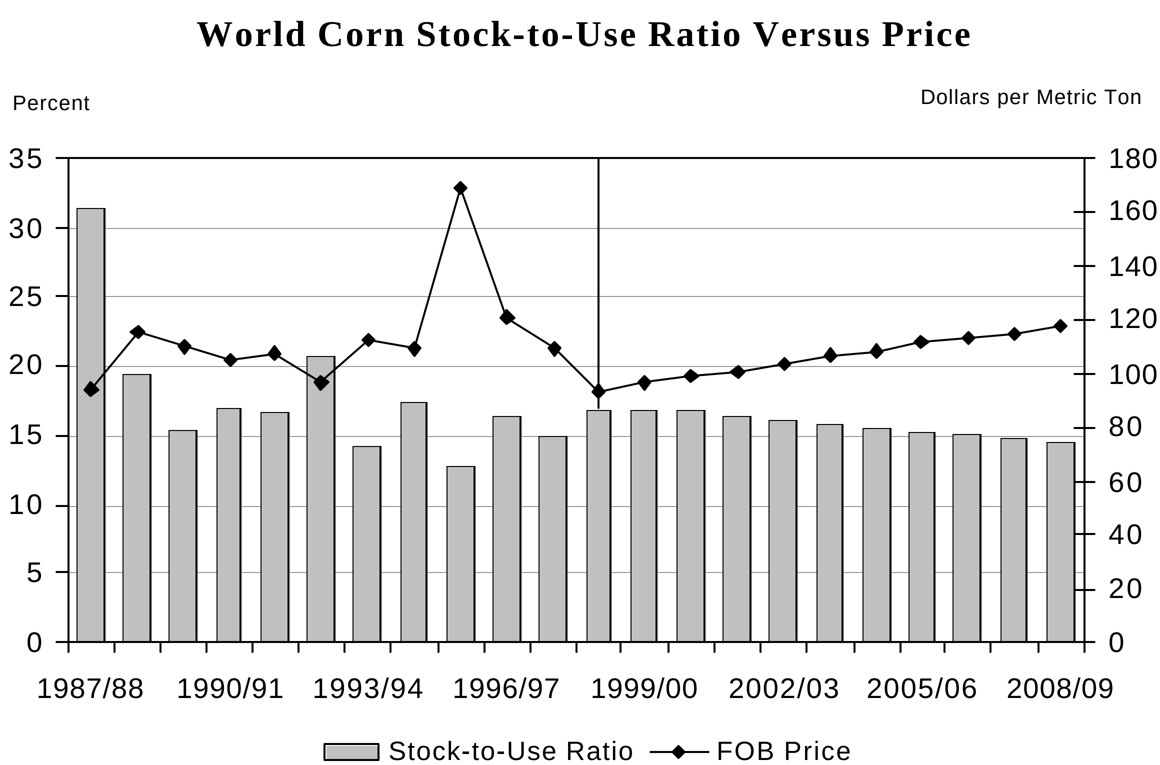
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Million Metric Tons)						
Argentina	1.00	0.86	0.78	0.76	0.80	0.86	0.92	0.98	1.02	1.08	1.13
Australia	0.25	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.29
United States	4.85	5.43	5.66	5.79	5.80	5.86	5.87	5.91	6.02	6.06	6.11
Total Net Exports	6.10	6.53	6.68	6.80	6.86	6.99	7.06	7.17	7.32	7.42	7.53
Net Importers											
Israel	0.20	0.23	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26
Japan	2.70	2.55	2.48	2.43	2.37	2.35	2.20	2.13	2.07	2.01	1.90
Developing	2.70	3.09	3.17	3.26	3.30	3.38	3.52	3.60	3.71	3.78	3.95
Mexico	2.70	3.05	3.13	3.21	3.25	3.33	3.46	3.53	3.64	3.70	3.86
South Africa	0.00	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.09
Nigeria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
India	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pakistan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rest of World	0.35	0.49	0.63	0.70	0.77	0.85	0.93	1.03	1.13	1.22	1.27
Residual	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
Total Net Imports	6.10	6.53	6.68	6.80	6.86	6.99	7.06	7.17	7.32	7.42	7.53
Coarse Grain Prices					(U.S. Dollars per Metric Ton)						
Corn (FOB Gulf)	93.80	96.54	99.05	100.80	103.61	106.83	108.85	111.32	112.96	114.90	117.95
Sorghum (FOB Gulf)	86.05	93.04	95.73	98.38	101.53	104.69	106.76	109.00	110.80	112.95	116.34
Barley (Portland)	108.16	109.71	111.49	112.83	116.04	118.79	120.69	122.57	124.06	125.88	128.69

Coarse Grain Trade

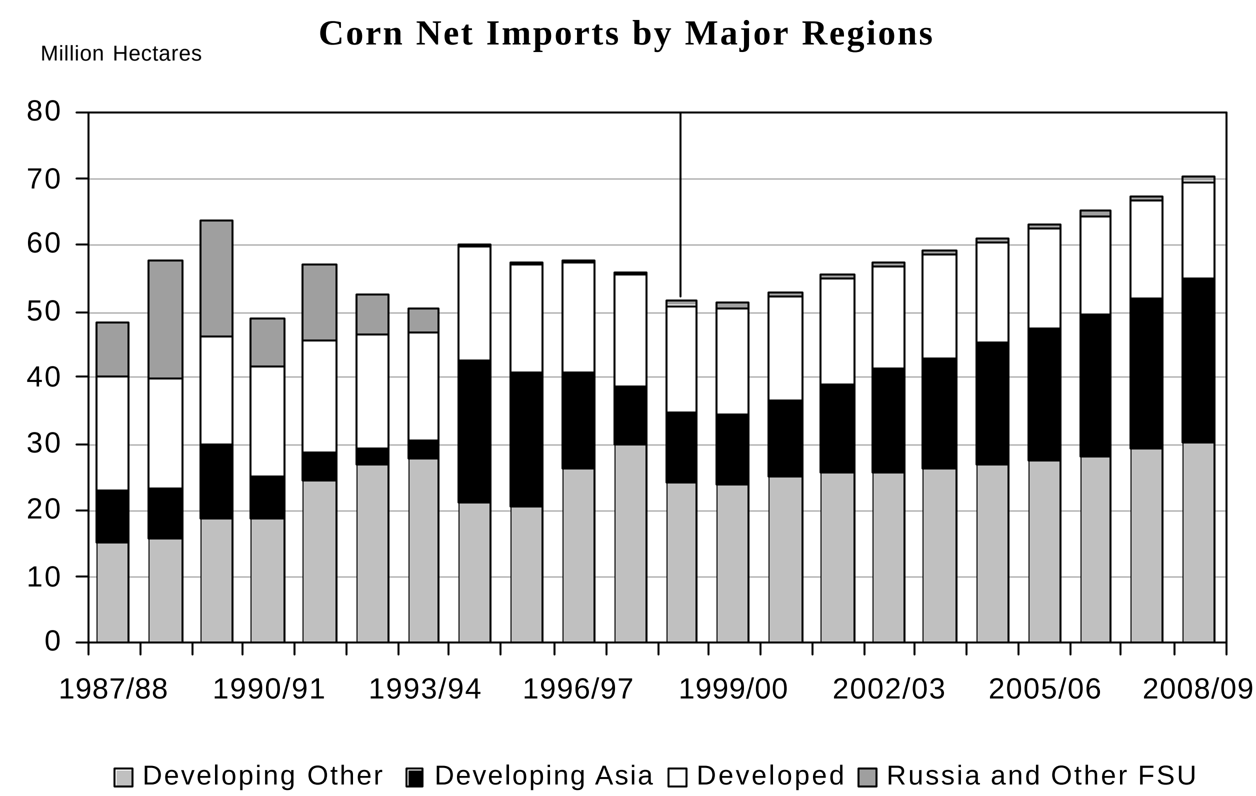
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters						(Million Metric Tons)					
United States	45.74	48.02	49.44	51.70	53.31	54.60	56.02	58.18	60.45	62.55	65.27
Argentina	10.13	8.62	8.51	8.58	8.77	9.06	9.39	9.70	10.00	10.28	10.56
Australia	2.92	2.90	2.81	2.79	2.79	2.78	2.77	2.76	2.75	2.76	2.79
Canada	-0.41	-0.93	-1.06	-1.16	-1.19	-1.17	-1.18	-1.17	-1.17	-1.17	-1.17
Eastern Europe	1.63	0.42	0.65	0.81	1.11	1.21	1.17	1.10	1.00	0.84	0.67
European Union	7.04	7.32	7.38	7.83	7.78	7.97	8.31	8.00	8.35	8.42	8.64
South Africa	1.90	1.75	1.70	1.70	1.75	1.81	1.84	1.89	1.91	1.94	1.99
Ukraine	0.55	0.31	0.38	0.50	0.57	0.57	0.59	0.57	0.60	0.75	0.88
Total Net Exports	68.51	68.06	69.91	73.17	75.59	77.64	79.79	81.84	84.54	86.94	90.07
Net Importers											
Israel	1.10	1.24	1.28	1.30	1.31	1.33	1.34	1.35	1.37	1.38	1.40
Japan	19.69	19.39	19.16	18.98	18.73	18.58	18.09	17.78	17.59	17.42	17.16
Russia	1.00	0.35	-0.11	-0.43	-0.70	-0.82	-0.88	-0.81	-0.64	-0.56	-0.44
Other FSU	0.70	1.04	0.88	0.96	1.04	1.12	1.19	1.23	1.25	1.26	1.28
Developing	47.46	48.64	50.84	54.18	56.68	58.92	61.62	64.34	67.31	70.28	73.92
China	-1.50	-1.50	-1.14	0.29	1.56	2.41	3.58	4.78	6.06	7.13	8.58
Indonesia	-0.25	-0.28	-0.19	-0.07	0.06	0.18	0.30	0.43	0.56	0.67	0.79
Thailand	0.05	0.11	0.19	0.30	0.38	0.46	0.53	0.59	0.66	0.73	0.81
Malaysia	2.30	2.24	2.22	2.26	2.30	2.35	2.42	2.50	2.58	2.65	2.73
Pakistan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
South Korea	6.60	7.01	6.96	7.04	7.19	7.33	7.40	7.49	7.62	7.74	7.80
Taiwan	4.65	4.69	4.91	5.15	5.29	5.36	5.48	5.64	5.77	5.87	5.97
Vietnam	-0.05	-0.02	0.01	0.02	0.03	0.03	0.03	0.03	0.02	0.01	-0.01
India	0.04	0.06	0.42	0.59	0.78	0.87	0.92	0.91	0.95	0.94	0.98
Philippines	0.35	0.34	0.39	0.46	0.52	0.58	0.63	0.67	0.73	0.79	0.85
Other Asia	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62	0.63	0.64	0.65
Brazil	1.13	0.76	0.59	0.60	0.59	0.63	0.65	0.69	0.73	0.92	1.26
Mexico	6.97	7.29	7.42	7.59	7.11	7.13	7.24	7.29	7.43	7.56	7.86
Other Latin America	7.71	7.76	8.04	8.27	8.48	8.66	8.85	9.05	9.26	9.46	9.66
Algeria	1.10	1.12	1.15	1.18	1.21	1.24	1.28	1.31	1.35	1.38	1.42
Egypt	3.33	3.36	3.51	3.64	3.77	3.91	4.06	4.22	4.40	4.60	4.81
Saudi Arabia	6.30	6.49	6.63	6.75	6.86	6.95	7.04	7.12	7.19	7.43	7.62
Other Middle East	3.55	4.03	3.91	3.85	3.90	3.85	3.83	3.84	3.82	3.81	3.78
Other Africa	3.75	3.49	3.86	4.12	4.30	4.42	4.61	4.76	4.94	5.12	5.32
Other Importers	0.91	1.14	1.40	1.57	1.76	1.95	2.15	2.38	2.61	2.84	3.03
Residual	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44	-0.44
Total Net Imports	68.51	68.06	69.91	73.17	75.59	77.64	79.79	81.84	84.54	86.94	90.07

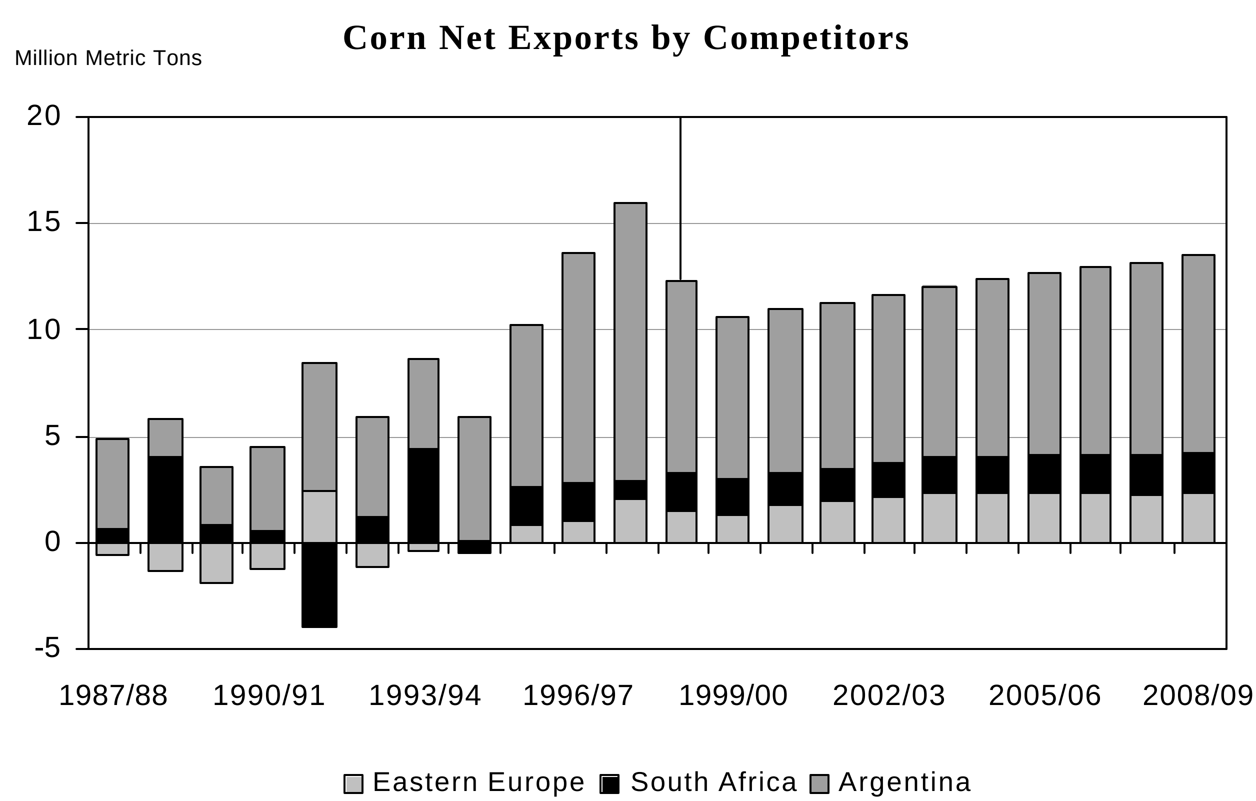


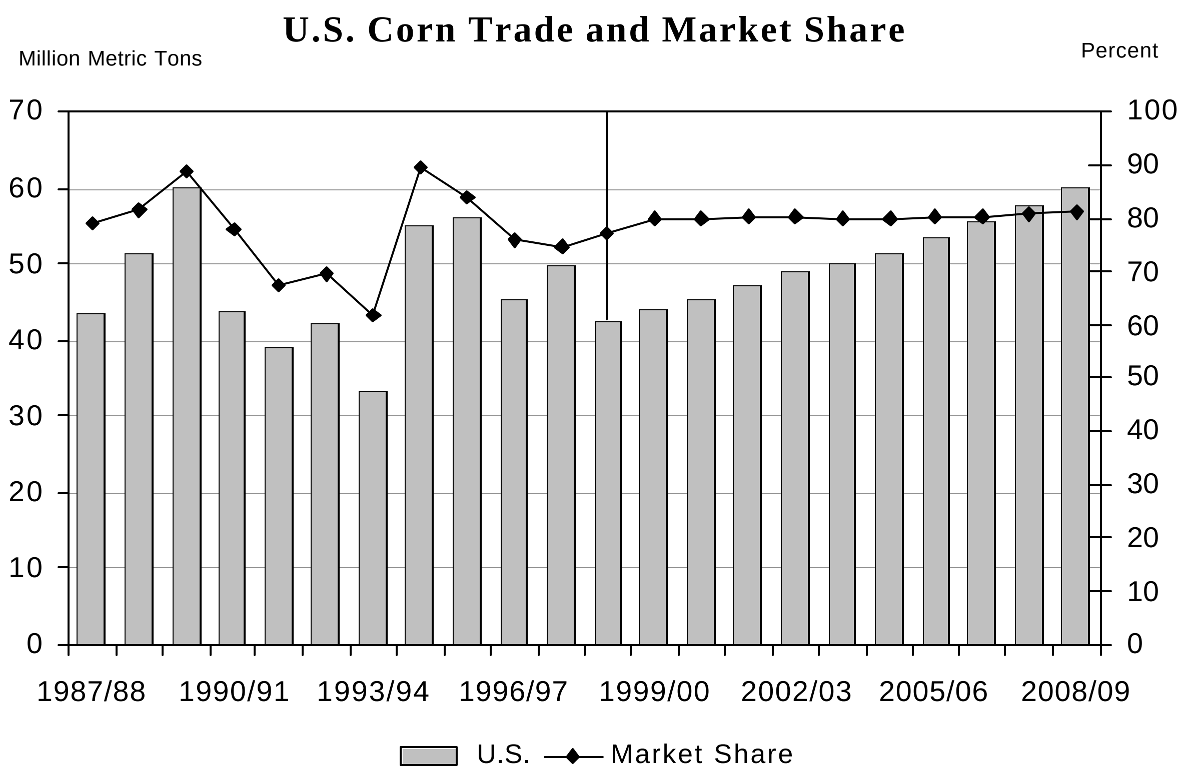
World Coarse Grain Area Harvested
Million Hectares
300
250
200
150
100
50
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Barley
Corn
Sorghum

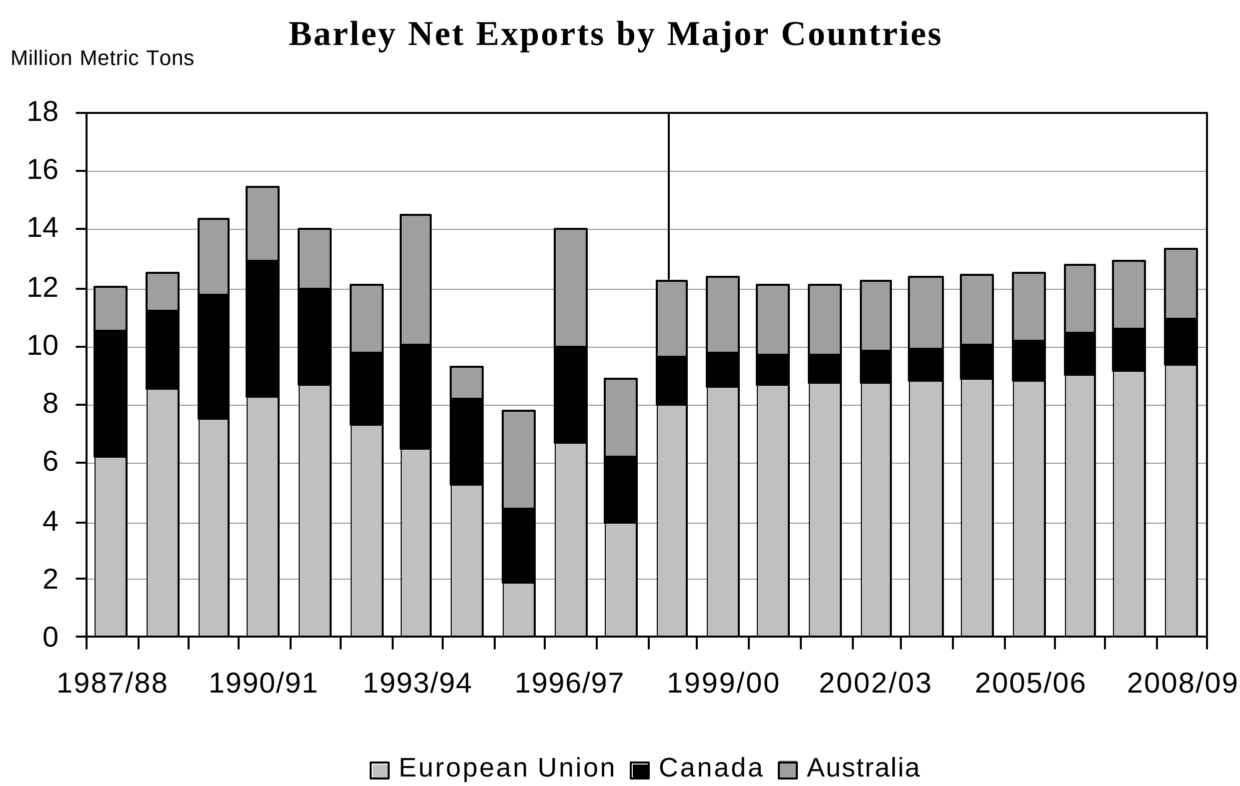


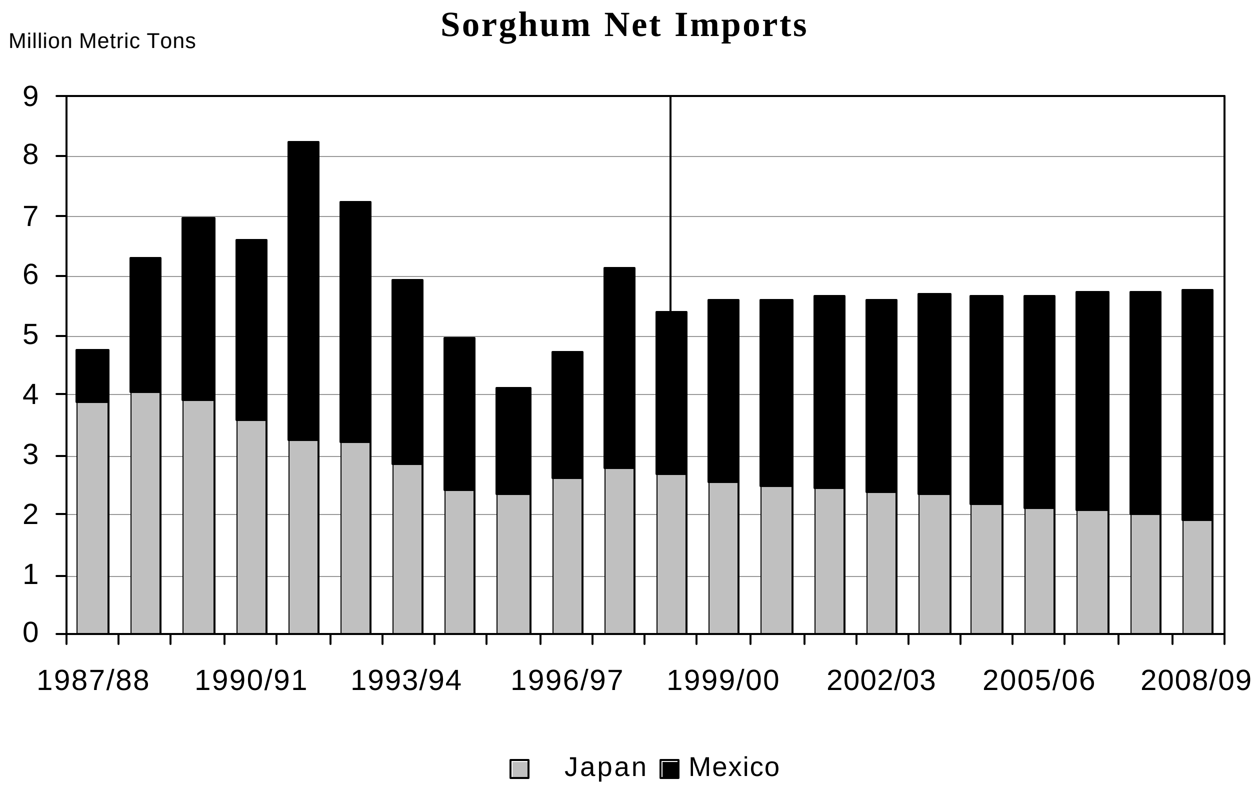
World Corn Stock-to-Use Ratio Versus Price
Percent
Dollars per Metric Ton
35
30
25
20
15
10
5
0
180
160
140
120
100
80
60
40
20
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Stock-to-Use Ratio
FOB Price

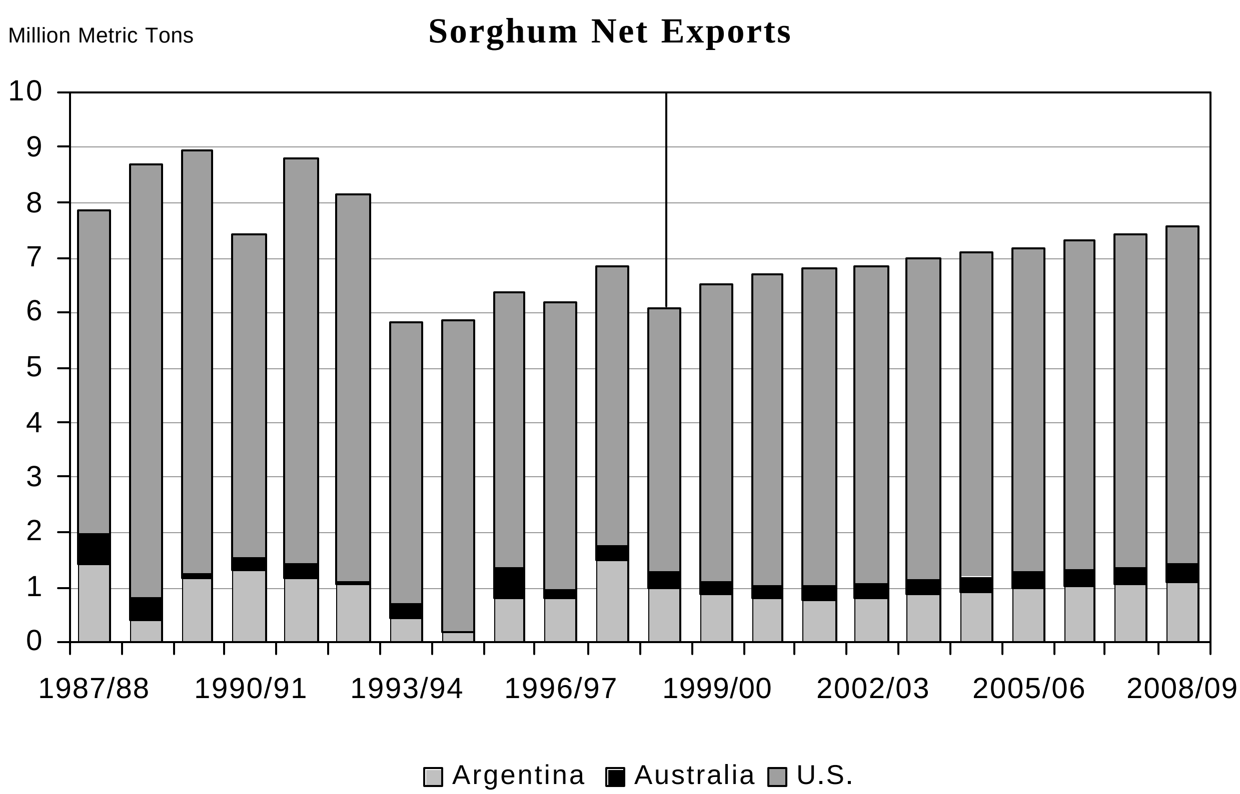

Corn Net Imports by Major Regions
Million Hectares
80
70
60
50
40
30
20
10
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Developing Other
Developing Asia
Developed
Russia and Other FSU


Corn Net Exports by Competitors
Million Metric Tons
20
15
10
5
0
-5
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Eastern Europe
South Africa
Argentina


U.S. Corn Trade and Market Share
Million Metric Tons
Percent
70
60
50
40
30
20
10
0
100
90
80
70
60
50
40
30
20
10
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
U.S.
Market Share


Barley Net Exports by Major Countries
Million Metric Tons
18
16
14
12
10
8
6
4
2
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
European Union
Canada
Australia


Sorghum Net Imports
Million Metric Tons
0
1
2
3
4
5
6
7
8
9
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Japan
Mexico


Sorghum Net Exports
Million Metric Tons
0
1
2
3
4
5
6
7
8
9
10
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Argentina
Australia
U.S.

World Corn Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	138.32	138.08	137.83	137.86	137.66	137.93	138.29	138.37	138.71	139.00	139.38
					(Metric Tons per Hectare)						
Yield	4.30	4.31	4.38	4.45	4.52	4.59	4.66	4.73	4.80	4.86	4.93
					(Million Metric Tons)						
Production	595.07	594.58	603.27	613.50	621.86	632.86	644.54	653.84	665.10	675.76	687.31
Beginning Stocks	86.74	98.24	100.09	101.05	100.64	99.78	99.63	100.34	100.25	100.58	100.57
Total Supply	681.81	692.82	703.36	714.56	722.50	732.64	744.17	754.18	765.35	776.34	787.88
Consumption	583.57	592.73	602.31	613.92	622.72	633.01	643.83	653.93	664.77	675.77	687.95
Ending Stocks	98.24	100.09	101.05	100.64	99.78	99.63	100.34	100.25	100.58	100.57	99.93
Total Use	681.81	692.82	703.36	714.56	722.50	732.64	744.17	754.18	765.35	776.34	787.88
Trade *	55.05	55.02	56.50	58.92	60.93	62.51	64.23	66.63	69.07	71.38	74.35
					(Percent)						
Stock to Use Ratio	16.83	16.89	16.78	16.39	16.02	15.74	15.59	15.33	15.13	14.88	14.53

* Excludes intraregional trade.

World Barley Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	60.60	59.80	59.74	59.56	59.12	59.12	59.09	58.71	58.66	58.62	58.65
					(Metric Tons per Hectare)						
Yield	2.28	2.37	2.39	2.41	2.43	2.46	2.48	2.49	2.52	2.54	2.56
					(Million Metric Tons)						
Production	138.33	141.47	142.68	143.75	143.75	145.21	146.62	146.37	147.69	148.95	150.44
Beginning Stocks	34.59	30.73	30.40	30.50	30.63	30.35	30.03	30.24	29.78	29.12	28.40
Total Supply	172.91	172.20	173.08	174.25	174.38	175.55	176.65	176.61	177.48	178.07	178.84
Consumption	142.18	141.80	142.58	143.62	144.04	145.52	146.41	146.83	148.36	149.67	151.25
Ending Stocks	30.73	30.40	30.50	30.63	30.35	30.03	30.24	29.78	29.12	28.40	27.58
Total Use	172.91	172.20	173.08	174.25	174.38	175.55	176.65	176.61	177.48	178.07	178.84
Trade *	12.30	13.02	13.22	13.58	13.94	14.20	14.41	14.45	14.63	14.91	15.33
					(Percent)						
Stock to Use Ratio	21.62	21.44	21.39	21.33	21.07	20.64	20.66	20.29	19.63	18.97	18.24

* Excludes intraregional trade.

World Sorghum Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Million Hectares)						
Area Harvested	41.01	41.14	40.96	40.95	40.96	41.01	41.08	41.12	41.14	41.09	41.04
					(Metric Tons per Hectare)						
Yield	1.37	1.35	1.36	1.38	1.39	1.40	1.42	1.43	1.45	1.46	1.48
					(Million Metric Tons)						
Production	56.23	55.44	55.74	56.31	56.85	57.56	58.22	58.86	59.47	60.09	60.71
Beginning Stocks	6.05	6.58	6.56	6.46	6.36	6.28	6.28	6.31	6.31	6.38	6.38
Total Supply	62.28	62.02	62.31	62.77	63.21	63.84	64.50	65.17	65.78	66.47	67.10
Consumption	55.70	55.46	55.85	56.41	56.93	57.56	58.18	58.86	59.40	60.09	60.77
Ending Stocks	6.58	6.56	6.46	6.36	6.28	6.28	6.31	6.31	6.38	6.38	6.32
Total Use	62.28	62.02	62.31	62.77	63.21	63.84	64.50	65.17	65.78	66.47	67.10
Trade *	6.10	6.53	6.68	6.80	6.86	6.99	7.06	7.17	7.32	7.42	7.53
					(Percent)						
Stock to Use Ratio	11.81	11.84	11.57	11.28	11.04	10.91	10.85	10.73	10.75	10.62	10.41

* Excludes intraregional trade.

U.S. Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	29.38	29.62	29.62	29.75	29.75	29.87	30.07	30.11	30.19	30.27	30.39
						(Metric Tons per Hectare)					
Yield	8.44	8.15	8.27	8.38	8.49	8.60	8.71	8.81	8.92	9.03	9.13
						(Million Metric Tons)					
Production	247.94	241.62	244.79	249.29	252.44	256.86	261.71	265.26	269.43	273.09	277.41
Beginning Stocks	33.22	46.13	46.87	45.80	43.79	41.81	40.57	40.31	39.83	39.78	39.58
Domestic Supply	281.17	287.74	291.66	295.09	296.23	298.67	302.27	305.58	309.26	312.87	316.98
Feed and Residual	144.71	147.63	149.99	151.98	152.36	153.68	154.85	155.30	155.53	155.94	156.93
Food	18.82	19.18	19.56	19.94	20.32	20.68	21.06	21.44	21.85	22.23	22.61
HFCS	14.25	14.58	14.96	15.34	15.72	16.08	16.46	16.82	17.20	17.55	17.91
Seed	0.51	0.51	0.51	0.51	0.51	0.53	0.53	0.53	0.53	0.53	0.53
Fuel Alcohol	14.28	14.91	15.62	16.21	16.66	17.09	17.65	18.19	18.80	19.38	19.81
Ending Stocks	46.13	46.87	45.80	43.79	41.81	40.57	40.31	39.83	39.78	39.58	38.91
Domestic Use	238.72	243.70	246.47	247.79	247.38	248.63	250.86	252.11	253.66	255.23	256.73
Net Trade	42.47	44.05	45.19	47.27	48.85	50.01	51.41	53.47	55.60	57.64	60.28
Sorghum						(Million Hectares)					
Area Harvested	3.16	3.60	3.56	3.56	3.60	3.64	3.64	3.64	3.64	3.68	3.68
						(Metric Tons per Hectare)					
Yield	4.16	4.24	4.27	4.31	4.34	4.38	4.41	4.44	4.48	4.51	4.54
						(Million Metric Tons)					
Production	13.21	15.32	15.29	15.42	15.65	15.90	16.13	16.26	16.41	16.59	16.82
Beginning Stocks	1.24	1.45	1.75	1.65	1.50	1.35	1.27	1.22	1.17	1.12	1.09
Domestic Supply	14.45	16.76	17.04	17.07	17.15	17.25	17.40	17.48	17.58	17.70	17.91
Feed and Residual	6.99	8.43	8.56	8.66	8.84	8.99	9.14	9.27	9.27	9.42	9.63
Food	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
Ending Stocks	1.45	1.75	1.65	1.50	1.35	1.27	1.22	1.17	1.12	1.09	0.99
Domestic Use	9.60	11.35	11.35	11.30	11.33	11.41	11.51	11.58	11.53	11.66	11.79
Net Trade	4.85	5.44	5.66	5.79	5.79	5.87	5.87	5.92	6.02	6.07	6.12

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

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Barley					(Million Hectares)						
Area Harvested	2.43	2.35	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.35
					(Metric Tons per Hectare)						
Yield Actual	3.17	3.31	3.35	3.37	3.40	3.43	3.46	3.49	3.52	3.55	3.58
					(Million Metric Tons)						
Production	7.66	7.75	7.69	7.79	7.82	7.95	8.01	8.08	8.12	8.23	8.34
Beginning Stocks	2.59	2.55	2.70	2.63	2.55	2.44	2.39	2.37	2.37	2.35	2.35
Domestic Supply	10.25	10.30	10.39	10.43	10.36	10.39	10.41	10.45	10.49	10.58	10.69
Feed and Residual	4.03	3.77	3.83	3.94	3.94	3.94	3.94	3.94	3.94	4.01	4.09
Food	3.74	3.77	3.79	3.79	3.79	3.81	3.81	3.83	3.85	3.88	3.88
Ending Stocks	2.55	2.70	2.63	2.55	2.44	2.39	2.37	2.37	2.35	2.35	2.31
Domestic Use	10.32	10.23	10.25	10.28	10.17	10.15	10.15	10.17	10.15	10.23	10.28
Net Trade	-0.04	0.07	0.11	0.15	0.17	0.22	0.26	0.30	0.35	0.37	0.41
Oats					(Million Hectares)						
Area Harvested	1.13	1.05	1.01	1.01	1.01	1.01	1.01	1.01	0.97	0.97	0.97
					(Metric Tons per Hectare)						
Yield Actual	2.17	2.15	2.16	2.17	2.19	2.20	2.21	2.22	2.23	2.25	2.26
					(Million Metric Tons)						
Production	2.42	2.26	2.18	2.18	2.21	2.22	2.22	2.22	2.21	2.22	2.21
Beginning Stocks	1.07	1.16	1.05	0.97	0.93	0.91	0.90	0.90	0.89	0.87	0.87
Domestic Supply	3.50	3.43	3.22	3.15	3.14	3.14	3.12	3.12	3.09	3.09	3.08
Feed and Residual	2.39	2.39	2.28	2.24	2.22	2.22	2.21	2.19	2.18	2.18	2.16
Food	1.38	1.38	1.39	1.39	1.41	1.42	1.42	1.44	1.45	1.45	1.47
Ending Stocks	1.16	1.05	0.97	0.93	0.91	0.90	0.90	0.89	0.87	0.87	0.87
Domestic Use	4.92	4.82	4.64	4.56	4.54	4.54	4.54	4.51	4.50	4.50	4.50
Net Trade	-1.42	-1.39	-1.42	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41

Argentine Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	2.80	2.68	2.66	2.66	2.67	2.69	2.71	2.74	2.76	2.78	2.81
					(Metric Tons per Hectare)						
Yield	4.82	4.87	4.95	5.04	5.13	5.22	5.32	5.41	5.51	5.60	5.70
					(Million Metric Tons)						
Production	13.50	13.05	13.15	13.38	13.67	14.03	14.43	14.82	15.22	15.60	15.99
Beginning Stocks	1.61	0.61	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.65
Domestic Supply	15.11	13.66	13.75	13.99	14.28	14.64	15.04	15.44	15.85	16.24	16.64
Domestic Consumption	5.50	5.40	5.53	5.67	5.81	5.95	6.08	6.21	6.36	6.51	6.69
Ending Stocks	0.61	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.65	0.66
Domestic Use	6.11	6.00	6.13	6.28	6.42	6.56	6.70	6.84	7.00	7.16	7.35
Net Trade	9.00	7.67	7.62	7.70	7.86	8.08	8.34	8.60	8.85	9.08	9.30
Sorghum					(Million Hectares)						
Area Harvested	0.75	0.73	0.72	0.71	0.71	0.72	0.72	0.72	0.72	0.73	0.73
					(Metric Tons per Hectare)						
Yield	4.00	4.05	4.10	4.15	4.20	4.25	4.30	4.35	4.40	4.45	4.50
					(Million Metric Tons)						
Production	3.00	2.97	2.95	2.95	2.99	3.04	3.08	3.13	3.17	3.23	3.31
Beginning Stocks	0.62	0.52	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Domestic Supply	3.62	3.49	3.45	3.45	3.49	3.54	3.58	3.63	3.66	3.73	3.80
Domestic Consumption	2.10	2.13	2.17	2.19	2.19	2.18	2.16	2.15	2.15	2.15	2.18
Ending Stocks	0.52	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Domestic Use	2.62	2.64	2.67	2.69	2.69	2.68	2.66	2.65	2.64	2.65	2.68
Net Trade	1.00	0.86	0.78	0.76	0.80	0.86	0.92	0.98	1.02	1.08	1.13
Barley					(Million Hectares)						
Area Harvested	0.22	0.22	0.23	0.23	0.24	0.24	0.25	0.25	0.26	0.26	0.27
					(Metric Tons per Hectare)						
Yield	2.33	2.38	2.42	2.46	2.50	2.54	2.58	2.62	2.66	2.71	2.75
					(Million Metric Tons)						
Production	0.50	0.52	0.54	0.57	0.59	0.61	0.63	0.66	0.68	0.70	0.73
Beginning Stocks	0.11	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09
Domestic Supply	0.61	0.59	0.62	0.64	0.66	0.68	0.71	0.74	0.76	0.79	0.82
Domestic Consumption	0.40	0.41	0.43	0.44	0.46	0.48	0.50	0.52	0.54	0.56	0.58
Ending Stocks	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09	0.09	0.10
Domestic Use	0.47	0.48	0.50	0.52	0.54	0.56	0.58	0.60	0.63	0.65	0.67
Net Trade	0.14	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.14	0.14	0.15

Australian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sorghum					(Million Hectares)						
Area Harvested	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61
					(Metric Tons per Hectare)						
Yield	2.00	2.03	2.06	2.09	2.12	2.15	2.18	2.21	2.23	2.26	2.29
					(Million Metric Tons)						
Production	1.20	1.21	1.23	1.25	1.27	1.29	1.31	1.34	1.36	1.38	1.40
Beginning Stocks	0.10	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Domestic Supply	1.30	1.31	1.32	1.33	1.35	1.37	1.40	1.42	1.44	1.46	1.48
Domestic Consumption	0.95	0.98	0.99	1.00	1.01	1.03	1.04	1.06	1.08	1.10	1.11
Ending Stocks	0.10	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Domestic Use	1.05	1.07	1.07	1.08	1.09	1.11	1.12	1.14	1.16	1.17	1.19
Net Trade	0.25	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.29
Barley					(Million Hectares)						
Area Harvested	3.00	2.96	2.93	2.92	2.90	2.88	2.86	2.85	2.83	2.82	2.82
					(Metric Tons per Hectare)						
Yield	1.77	1.95	1.98	2.01	2.05	2.08	2.11	2.14	2.18	2.21	2.25
					(Million Metric Tons)						
Production	5.30	5.76	5.81	5.87	5.92	5.99	6.04	6.11	6.17	6.25	6.34
Beginning Stocks	1.14	0.69	0.61	0.60	0.60	0.60	0.59	0.60	0.60	0.60	0.60
Domestic Supply	6.44	6.45	6.42	6.47	6.52	6.58	6.64	6.70	6.77	6.85	6.94
Domestic Consumption	3.20	3.31	3.39	3.46	3.53	3.60	3.67	3.75	3.82	3.90	3.97
Ending Stocks	0.69	0.61	0.60	0.60	0.60	0.59	0.60	0.60	0.60	0.60	0.60
Domestic Use	3.89	3.92	3.99	4.06	4.12	4.19	4.27	4.35	4.42	4.50	4.57
Net Trade	2.55	2.53	2.43	2.41	2.40	2.39	2.37	2.36	2.35	2.35	2.37

Canadian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	1.12	1.13	1.14	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
						(Metric Tons per Hectare)					
Yield	7.96	7.20	7.28	7.35	7.43	7.50	7.58	7.65	7.73	7.80	7.88
						(Million Metric Tons)					
Production	8.90	8.15	8.30	8.42	8.53	8.64	8.74	8.83	8.91	8.99	9.07
Beginning Stocks	1.11	1.91	1.97	2.03	2.09	2.15	2.20	2.25	2.29	2.33	2.37
Domestic Supply	10.01	10.05	10.27	10.46	10.63	10.79	10.94	11.07	11.20	11.32	11.44
Domestic Consumption	8.60	8.69	8.83	9.00	9.16	9.32	9.49	9.65	9.83	10.00	10.18
Ending Stocks	1.91	1.97	2.03	2.09	2.15	2.20	2.25	2.29	2.33	2.37	2.41
Domestic Use	10.51	10.66	10.86	11.09	11.31	11.52	11.74	11.95	12.16	12.37	12.59
Net Trade	-0.50	-0.60	-0.59	-0.63	-0.69	-0.73	-0.80	-0.87	-0.96	-1.05	-1.15
Barley						(Million Hectares)					
Area Harvested	4.27	4.09	4.02	3.98	3.96	3.95	3.96	3.96	3.96	3.96	3.96
						(Metric Tons per Hectare)					
Yield	2.97	3.12	3.17	3.20	3.24	3.28	3.32	3.35	3.39	3.43	3.47
						(Million Metric Tons)					
Production	12.70	12.76	12.73	12.75	12.83	12.96	13.12	13.28	13.43	13.59	13.75
Beginning Stocks	2.46	1.92	1.85	1.85	1.85	1.84	1.84	1.89	1.94	1.98	2.03
Domestic Supply	15.16	14.68	14.58	14.60	14.68	14.80	14.97	15.17	15.37	15.57	15.78
Domestic Consumption	11.65	11.65	11.69	11.75	11.80	11.85	11.90	11.95	12.01	12.07	12.13
Ending Stocks	1.92	1.85	1.85	1.85	1.84	1.84	1.89	1.94	1.98	2.03	2.08
Domestic Use	13.57	13.50	13.54	13.60	13.64	13.69	13.79	13.89	14.00	14.10	14.21
Net Trade	1.59	1.18	1.04	1.00	1.04	1.11	1.18	1.27	1.37	1.47	1.58

Chinese Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	24.25	24.05	24.03	24.00	23.98	23.99	24.02	24.06	24.11	24.18	24.27
						(Metric Tons per Hectare)					
Yield	5.11	5.22	5.32	5.42	5.52	5.63	5.73	5.83	5.93	6.04	6.14
						(Million Metric Tons)					
Production	124.00	125.46	127.78	130.07	132.48	135.00	137.60	140.28	143.05	145.94	148.93
Beginning Stocks	26.00	27.25	28.78	30.62	31.91	32.83	33.46	33.89	34.07	34.07	33.92
Domestic Supply	150.00	152.71	156.55	160.70	164.39	167.83	171.05	174.17	177.11	180.00	182.85
Feed Use	94.00	95.45	97.92	101.84	105.56	109.02	112.69	116.51	120.31	123.99	128.15
Food and Other	25.25	24.74	24.59	24.84	25.08	25.20	25.38	25.57	25.84	26.10	26.36
Ending Stocks	27.25	28.78	30.62	31.91	32.83	33.46	33.89	34.07	34.07	33.92	33.64
Domestic Use	146.50	148.97	153.13	158.59	163.47	167.67	171.96	176.15	180.22	184.01	188.14
Net Trade	3.50	3.75	3.42	2.10	0.91	0.15	-0.91	-1.98	-3.11	-4.01	-5.29
Barley						(Million Hectares)					
Area Harvested	1.20	1.13	1.12	1.11	1.10	1.10	1.09	1.09	1.08	1.08	1.07
						(Metric Tons per Hectare)					
Yield	2.92	3.15	3.20	3.25	3.29	3.34	3.39	3.44	3.50	3.55	3.60
						(Million Metric Tons)					
Production	3.50	3.56	3.57	3.59	3.63	3.67	3.70	3.75	3.78	3.82	3.87
Beginning Stocks	0.87	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96
Domestic Supply	4.37	4.42	4.44	4.48	4.52	4.57	4.62	4.67	4.72	4.77	4.82
Feed Use	0.70	0.68	0.69	0.71	0.73	0.74	0.76	0.78	0.80	0.82	0.84
Food and Other	4.80	5.11	5.15	5.27	5.36	5.47	5.61	5.76	5.93	6.12	6.31
Ending Stocks	0.87	0.88	0.89	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97
Domestic Use	6.37	6.67	6.72	6.87	7.00	7.13	7.30	7.48	7.68	7.89	8.11
Net Trade	-2.00	-2.24	-2.28	-2.39	-2.47	-2.56	-2.68	-2.81	-2.96	-3.12	-3.29

Eastern European Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	6.93	6.88	6.88	6.91	6.94	6.97	7.01	7.03	7.06	7.08	7.11
					(Metric Tons per Hectare)						
Yield	3.60	3.90	3.94	3.98	4.02	4.06	4.10	4.14	4.18	4.22	4.26
					(Million Metric Tons)						
Production	24.93	26.83	27.14	27.52	27.90	28.31	28.73	29.12	29.51	29.89	30.28
Beginning Stocks	6.31	4.53	4.66	4.63	4.61	4.59	4.56	4.55	4.54	4.54	4.53
Domestic Supply	31.24	31.36	31.80	32.15	32.52	32.90	33.29	33.67	34.05	34.43	34.81
Feed Use	21.26	21.37	21.44	21.61	21.77	22.03	22.43	22.78	23.18	23.58	23.96
Food and Other	3.96	3.97	3.98	3.98	3.99	4.00	4.01	4.02	4.02	4.03	4.03
Ending Stocks	4.53	4.66	4.63	4.61	4.59	4.56	4.55	4.54	4.54	4.53	4.52
Domestic Use	29.75	30.00	30.05	30.20	30.35	30.60	30.99	31.34	31.74	32.14	32.51
Net Trade	1.49	1.36	1.76	1.95	2.17	2.30	2.30	2.33	2.31	2.29	2.30
Barley					(Million Hectares)						
Area Harvested	3.48	3.50	3.51	3.52	3.53	3.55	3.56	3.57	3.58	3.58	3.59
					(Metric Tons per Hectare)						
Yield	3.07	3.14	3.17	3.20	3.24	3.27	3.31	3.34	3.37	3.41	3.44
					(Million Metric Tons)						
Production	10.66	10.99	11.13	11.27	11.43	11.60	11.77	11.92	12.06	12.20	12.34
Beginning Stocks	1.35	0.69	0.69	0.71	0.73	0.75	0.76	0.78	0.80	0.82	0.84
Domestic Supply	12.01	11.68	11.82	11.98	12.16	12.35	12.53	12.70	12.86	13.02	13.18
Feed Use	8.21	8.40	8.52	8.58	8.59	8.66	8.76	8.90	9.05	9.23	9.47
Food and Other	2.97	2.96	2.94	2.92	2.89	2.88	2.86	2.85	2.83	2.81	2.78
Ending Stocks	0.69	0.69	0.71	0.73	0.75	0.76	0.78	0.80	0.82	0.84	0.86
Domestic Use	11.87	12.05	12.16	12.22	12.23	12.30	12.40	12.55	12.70	12.88	13.10
Net Trade	0.14	-0.95	-1.10	-1.14	-1.06	-1.09	-1.14	-1.23	-1.31	-1.45	-1.62

European Union Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	4.13	3.92	3.93	3.93	3.85	3.85	3.86	3.74	3.74	3.71	3.68
					(Metric Tons per Hectare)						
Yield	8.34	8.65	8.77	8.89	9.01	9.13	9.25	9.36	9.47	9.57	9.70
					(Million Metric Tons)						
Production	34.40	33.93	34.44	34.92	34.70	35.18	35.66	34.97	35.39	35.54	35.75
Beginning Stocks	4.56	4.80	4.35	4.40	4.45	4.43	4.63	4.88	4.81	4.85	4.86
Domestic Supply	38.96	38.73	38.79	39.32	39.15	39.61	40.28	39.85	40.20	40.39	40.61
Feed Use	28.00	28.36	28.35	28.45	28.42	28.50	28.65	28.61	28.83	28.94	29.06
Food and Other	7.70	7.63	7.61	7.59	7.58	7.58	7.59	7.58	7.69	7.77	7.86
Ending Stocks	4.80	4.35	4.40	4.45	4.43	4.63	4.88	4.81	4.85	4.86	4.88
Domestic Use	40.50	40.35	40.36	40.50	40.43	40.70	41.12	41.00	41.37	41.57	41.80
Net Trade	-1.54	-1.62	-1.57	-1.18	-1.28	-1.10	-0.83	-1.15	-1.17	-1.18	-1.19
Barley					(Million Hectares)						
Area Harvested	11.36	11.06	11.06	11.07	10.85	10.85	10.86	10.53	10.54	10.50	10.49
					(Metric Tons per Hectare)						
Yield	4.64	4.58	4.63	4.68	4.73	4.78	4.83	4.88	4.92	4.97	5.02
					(Million Metric Tons)						
Production	52.73	50.68	51.26	51.81	51.32	51.86	52.41	51.34	51.89	52.22	52.69
Beginning Stocks	13.32	15.30	14.58	14.32	14.35	13.80	13.58	13.61	12.57	11.64	10.81
Domestic Supply	66.05	65.98	65.84	66.13	65.67	65.67	65.99	64.96	64.45	63.86	63.50
Feed Use	31.60	31.52	31.51	31.65	31.63	31.74	31.93	31.90	32.06	32.17	32.28
Food and Other	11.13	11.30	11.35	11.41	11.46	11.52	11.58	11.64	11.70	11.75	11.81
Ending Stocks	15.30	14.58	14.32	14.35	13.80	13.58	13.61	12.57	11.64	10.81	10.05
Domestic Use	58.03	57.39	57.19	57.41	56.90	56.85	57.13	56.11	55.40	54.73	54.14
Net Trade	8.02	8.59	8.65	8.72	8.77	8.82	8.87	8.85	9.05	9.12	9.36

South African Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	3.20	3.23	3.25	3.25	3.26	3.26	3.27	3.27	3.28	3.29	3.29
					(Metric Tons per Hectare)						
Yield	2.81	2.73	2.77	2.80	2.83	2.87	2.90	2.93	2.97	3.00	3.04
					(Million Metric Tons)						
Production	9.00	8.83	8.98	9.11	9.23	9.35	9.48	9.60	9.74	9.86	9.99
Beginning Stocks	2.05	2.05	2.01	2.04	2.07	2.08	2.09	2.11	2.12	2.14	2.15
Domestic Supply	11.05	10.88	10.99	11.15	11.30	11.43	11.57	11.71	11.85	12.00	12.14
Domestic Consumption	7.25	7.27	7.40	7.53	7.61	7.68	7.77	7.86	7.96	8.05	8.14
Ending Stocks	2.05	2.01	2.04	2.07	2.08	2.09	2.11	2.12	2.14	2.15	2.16
Domestic Use	9.30	9.28	9.44	9.60	9.69	9.77	9.88	9.98	10.09	10.21	10.31
Net Trade	1.75	1.60	1.55	1.55	1.60	1.66	1.69	1.74	1.76	1.79	1.84
Sorghum					(Million Hectares)						
Area Harvested	0.13	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
					(Metric Tons per Hectare)						
Yield	2.27	2.31	2.35	2.39	2.43	2.46	2.50	2.54	2.58	2.62	2.66
					(Million Metric Tons)						
Production	0.30	0.26	0.28	0.28	0.29	0.30	0.30	0.31	0.32	0.32	0.33
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	0.30	0.26	0.28	0.28	0.29	0.30	0.30	0.31	0.32	0.32	0.33
Domestic Consumption	0.30	0.30	0.32	0.33	0.34	0.35	0.37	0.38	0.39	0.41	0.42
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	0.30	0.30	0.32	0.33	0.34	0.35	0.37	0.38	0.39	0.41	0.42
Net Trade	0.00	-0.04	-0.04	-0.05	-0.05	-0.06	-0.06	-0.07	-0.07	-0.08	-0.09

Ukrainian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.70	0.80	0.85	0.86	0.86	0.87	0.88	0.88	0.89	0.89	0.90
					(Metric Tons per Hectare)						
Yield	2.29	2.90	2.92	2.95	2.97	2.99	3.02	3.04	3.07	3.09	3.12
					(Million Metric Tons)						
Production	1.60	2.31	2.47	2.54	2.56	2.60	2.66	2.69	2.74	2.76	2.80
Beginning Stocks	0.64	0.29	0.27	0.28	0.30	0.31	0.33	0.34	0.36	0.37	0.39
Domestic Supply	2.24	2.60	2.74	2.82	2.86	2.91	2.99	3.03	3.09	3.13	3.19
Feed Use	1.00	1.21	1.22	1.19	1.19	1.21	1.22	1.24	1.24	1.24	1.24
Food and Other	0.90	1.10	1.18	1.21	1.22	1.24	1.26	1.28	1.30	1.31	1.33
Ending Stocks	0.29	0.27	0.28	0.30	0.31	0.33	0.34	0.36	0.37	0.39	0.40
Domestic Use	2.19	2.58	2.68	2.70	2.72	2.78	2.83	2.88	2.91	2.94	2.97
Net Trade	0.05	0.02	0.06	0.12	0.14	0.14	0.15	0.16	0.18	0.19	0.22
Barley					(Million Hectares)						
Area Harvested	3.50	3.63	3.64	3.59	3.56	3.57	3.57	3.56	3.55	3.56	3.57
					(Metric Tons per Hectare)						
Yield	1.77	1.80	1.81	1.83	1.84	1.86	1.87	1.89	1.90	1.92	1.93
					(Million Metric Tons)						
Production	6.20	6.54	6.60	6.57	6.57	6.63	6.68	6.72	6.76	6.82	6.90
Beginning Stocks	1.40	1.10	1.20	1.30	1.40	1.45	1.50	1.55	1.60	1.65	1.60
Domestic Supply	7.60	7.64	7.81	7.87	7.97	8.08	8.18	8.27	8.36	8.47	8.50
Feed Use	3.45	3.57	3.59	3.51	3.50	3.55	3.60	3.65	3.68	3.70	3.72
Food and Other	2.55	2.58	2.59	2.59	2.59	2.59	2.60	2.60	2.61	2.61	2.62
Ending Stocks	1.10	1.20	1.30	1.40	1.45	1.50	1.55	1.60	1.65	1.60	1.50
Domestic Use	7.10	7.35	7.48	7.50	7.53	7.65	7.75	7.86	7.93	7.92	7.84
Net Trade	0.50	0.29	0.32	0.38	0.43	0.43	0.43	0.42	0.42	0.56	0.66
Rye					(Million Hectares)						
Area Harvested	0.74	0.75	0.73	0.71	0.71	0.70	0.69	0.69	0.68	0.68	0.68
					(Metric Tons per Hectare)						
Yield	1.63	1.82	1.86	1.89	1.93	1.97	2.01	2.05	2.08	2.12	2.16
					(Million Metric Tons)						
Production	1.20	1.36	1.35	1.35	1.36	1.38	1.39	1.41	1.43	1.45	1.48
Beginning Stocks	0.26	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18
Domestic Supply	1.46	1.52	1.51	1.52	1.53	1.55	1.57	1.59	1.60	1.63	1.66
Feed Use	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Food and Other	1.15	1.20	1.20	1.19	1.18	1.17	1.16	1.15	1.15	1.14	1.13
Ending Stocks	0.16	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18
Domestic Use	1.36	1.42	1.42	1.41	1.40	1.40	1.39	1.39	1.38	1.38	1.37
Net Trade	0.10	0.10	0.10	0.11	0.13	0.16	0.18	0.20	0.22	0.26	0.29

Israeli Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Metric Tons)						
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Supply	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Feed Use	0.45	0.45	0.46	0.47	0.48	0.48	0.49	0.49	0.49	0.49	0.50
Food and Other	0.05	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Ending Stocks	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Use	0.55	0.60	0.61	0.62	0.63	0.63	0.64	0.64	0.64	0.64	0.65
Net Trade	-0.50	-0.55	-0.56	-0.57	-0.58	-0.58	-0.59	-0.59	-0.59	-0.59	-0.60
Sorghum											
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Domestic Supply	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Feed Use	0.20	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Food and Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ending Stocks	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Domestic Use	0.21	0.25	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26
Net Trade	-0.20	-0.23	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.26
Barley					(Million Hectares)						
Area Harvested	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
					(Metric Tons per Hectare)						
Yield	0.51	0.52	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61
					(Million Metric Tons)						
Production	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Beginning Stocks	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Domestic Supply	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Feed Use	0.30	0.35	0.37	0.37	0.38	0.39	0.40	0.42	0.43	0.44	0.45
Food and Other	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Ending Stocks	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Domestic Use	0.48	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62
Net Trade	-0.40	-0.45	-0.46	-0.47	-0.48	-0.49	-0.50	-0.51	-0.52	-0.53	-0.54

Japanese Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Metric Tons)					
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	1.45	1.26	1.20	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
Domestic Supply	1.46	1.26	1.20	1.19	1.18	1.18	1.18	1.18	1.18	1.18	1.18
Domestic Consumption	15.70	15.45	15.27	15.14	14.96	14.83	14.53	14.33	14.20	14.10	13.98
Ending Stocks	1.26	1.20	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
Domestic Use	16.96	16.65	16.46	16.32	16.14	16.01	15.71	15.50	15.38	15.28	15.16
Net Trade	-15.50	-15.39	-15.26	-15.14	-14.96	-14.83	-14.53	-14.33	-14.20	-14.10	-13.97
Sorghum											
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	0.40	0.40	0.38	0.37	0.37	0.36	0.36	0.35	0.34	0.33	0.32
Domestic Supply	0.40	0.40	0.38	0.37	0.37	0.36	0.36	0.35	0.34	0.33	0.32
Domestic Consumption	2.70	2.57	2.48	2.43	2.38	2.35	2.22	2.14	2.08	2.02	1.92
Ending Stocks	0.40	0.38	0.37	0.37	0.36	0.36	0.35	0.34	0.33	0.32	0.31
Domestic Use	3.10	2.95	2.86	2.80	2.74	2.71	2.57	2.47	2.41	2.34	2.23
Net Trade	-2.70	-2.55	-2.48	-2.43	-2.37	-2.35	-2.20	-2.13	-2.07	-2.01	-1.90
Barley						(Million Hectares)					
Area Harvested	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04
						(Metric Tons per Hectare)					
Yield	4.04	3.89	3.92	3.96	3.99	4.02	4.06	4.09	4.12	4.16	4.19
						(Million Metric Tons)					
Production	0.23	0.22	0.22	0.22	0.22	0.21	0.20	0.19	0.18	0.17	0.15
Beginning Stocks	0.88	0.91	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.87	0.86
Domestic Supply	1.11	1.13	1.14	1.13	1.13	1.12	1.11	1.08	1.06	1.04	1.01
Domestic Consumption	1.60	1.57	1.56	1.55	1.53	1.52	1.48	1.45	1.42	1.39	1.35
Ending Stocks	0.91	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85
Domestic Use	2.51	2.49	2.47	2.46	2.44	2.43	2.37	2.32	2.29	2.26	2.21
Net Trade	-1.40	-1.36	-1.33	-1.32	-1.31	-1.31	-1.26	-1.24	-1.23	-1.22	-1.19

Russian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	0.80	0.81	0.84	0.85	0.85	0.85	0.85	0.85	0.85	0.86	0.86
						(Metric Tons per Hectare)					
Yield	1.25	1.80	1.81	1.81	1.82	1.82	1.83	1.83	1.84	1.84	1.85
						(Million Metric Tons)					
Production	1.00	1.46	1.51	1.55	1.55	1.56	1.56	1.56	1.56	1.58	1.59
Beginning Stocks	0.56	0.16	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21
Domestic Supply	1.56	1.62	1.67	1.71	1.72	1.74	1.74	1.75	1.76	1.78	1.80
Feed Use	1.25	1.20	1.04	0.97	0.92	0.90	0.92	0.93	0.95	0.98	1.02
Food and Other	0.80	0.97	1.00	1.03	1.03	1.03	1.03	1.04	1.04	1.05	1.06
Ending Stocks	0.16	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.22
Domestic Use	2.21	2.33	2.21	2.17	2.13	2.12	2.14	2.16	2.19	2.23	2.29
Net Trade	-0.65	-0.71	-0.54	-0.46	-0.41	-0.38	-0.40	-0.41	-0.43	-0.45	-0.49
Barley						(Million Hectares)					
Area Harvested	10.00	9.76	9.75	9.69	9.62	9.60	9.58	9.54	9.51	9.50	9.49
						(Metric Tons per Hectare)					
Yield	0.95	1.30	1.30	1.31	1.31	1.32	1.32	1.32	1.33	1.33	1.34
						(Million Metric Tons)					
Production	9.50	12.68	12.71	12.68	12.63	12.64	12.64	12.64	12.63	12.65	12.68
Beginning Stocks	3.26	0.36	0.46	0.66	0.84	0.94	0.99	0.94	0.89	0.90	0.86
Domestic Supply	12.76	13.04	13.18	13.34	13.47	13.58	13.63	13.58	13.52	13.55	13.54
Feed Use	8.25	7.69	7.29	7.02	6.82	6.76	6.76	6.79	6.85	6.96	7.13
Food and Other	4.50	4.53	4.57	4.59	4.61	4.63	4.65	4.67	4.70	4.72	4.75
Ending Stocks	0.36	0.46	0.66	0.84	0.94	0.99	0.94	0.89	0.90	0.86	0.73
Domestic Use	13.11	12.68	12.53	12.45	12.37	12.38	12.35	12.36	12.45	12.54	12.62
Net Trade	-0.35	0.36	0.65	0.89	1.10	1.20	1.28	1.22	1.07	1.01	0.92
Rye						(Million Hectares)					
Area Harvested	4.00	4.14	4.07	4.03	4.02	4.02	4.02	4.02	4.03	4.04	4.05
						(Metric Tons per Hectare)					
Yield	1.13	1.40	1.40	1.41	1.41	1.42	1.42	1.43	1.43	1.43	1.44
						(Million Metric Tons)					
Production	4.50	5.80	5.72	5.67	5.67	5.70	5.71	5.73	5.76	5.79	5.83
Beginning Stocks	1.23	0.23	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35
Domestic Supply	5.73	6.03	6.07	6.02	6.02	6.04	6.05	6.08	6.10	6.14	6.18
Feed Use	0.70	0.61	0.60	0.58	0.57	0.57	0.57	0.57	0.57	0.57	0.58
Food and Other	5.35	5.19	5.03	4.96	4.88	4.87	4.85	4.84	4.82	4.81	4.79
Ending Stocks	0.23	0.35	0.34	0.34	0.34	0.34	0.34	0.34	0.35	0.35	0.35
Domestic Use	6.28	6.15	5.98	5.88	5.79	5.78	5.76	5.75	5.74	5.73	5.72
Net Trade	-0.55	-0.11	0.09	0.13	0.22	0.26	0.29	0.33	0.36	0.41	0.45

Other Former Soviet Union Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.84	0.84	0.83	0.83	0.82	0.82	0.82	0.81	0.81	0.82	0.82
					(Metric Tons per Hectare)						
Yield	2.73	2.75	2.77	2.79	2.82	2.84	2.86	2.88	2.91	2.93	2.95
					(Million Metric Tons)						
Production	2.29	2.30	2.31	2.31	2.31	2.32	2.33	2.35	2.36	2.39	2.42
Beginning Stocks	0.79	0.78	0.78	0.79	0.80	0.80	0.81	0.82	0.82	0.83	0.84
Domestic Supply	3.07	3.08	3.09	3.10	3.11	3.13	3.14	3.17	3.19	3.22	3.25
Feed Use	2.06	1.93	1.94	2.01	2.06	2.11	2.16	2.19	2.21	2.24	2.28
Food and Other	0.45	0.46	0.46	0.46	0.46	0.46	0.46	0.47	0.47	0.47	0.48
Ending Stocks	0.78	0.78	0.79	0.80	0.80	0.81	0.82	0.82	0.83	0.84	0.85
Domestic Use	3.29	3.17	3.19	3.26	3.32	3.38	3.44	3.48	3.51	3.55	3.60
Net Trade	-0.22	-0.09	-0.10	-0.16	-0.21	-0.26	-0.29	-0.31	-0.32	-0.33	-0.35
Barley					(Million Hectares)						
Area Harvested	4.34	4.70	4.93	4.93	4.88	4.86	4.83	4.80	4.77	4.75	4.74
					(Metric Tons per Hectare)						
Yield	1.29	1.31	1.32	1.34	1.35	1.37	1.38	1.40	1.41	1.43	1.44
					(Million Metric Tons)						
Production	5.62	6.16	6.53	6.61	6.62	6.66	6.69	6.72	6.75	6.79	6.85
Beginning Stocks	1.41	0.58	0.63	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.69
Domestic Supply	7.03	6.74	7.16	7.26	7.28	7.33	7.37	7.40	7.44	7.48	7.54
Feed Use	5.40	5.50	5.73	5.82	5.86	5.93	5.99	6.03	6.06	6.09	6.14
Food and Other	1.53	1.56	1.56	1.57	1.58	1.58	1.59	1.60	1.61	1.62	1.64
Ending Stocks	0.58	0.63	0.66	0.67	0.67	0.68	0.68	0.69	0.69	0.69	0.70
Domestic Use	7.51	7.69	7.95	8.06	8.10	8.19	8.26	8.32	8.36	8.41	8.47
Net Trade	-0.48	-0.95	-0.78	-0.80	-0.82	-0.86	-0.89	-0.92	-0.93	-0.93	-0.93
Rye					(Million Hectares)						
Area Harvested	1.22	1.22	1.22	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
					(Metric Tons per Hectare)						
Yield	1.78	1.80	1.83	1.85	1.88	1.90	1.93	1.95	1.98	2.00	2.03
					(Million Metric Tons)						
Production	2.16	2.21	2.23	2.24	2.26	2.30	2.32	2.36	2.39	2.42	2.46
Beginning Stocks	0.40	0.30	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37
Domestic Supply	2.56	2.50	2.58	2.60	2.62	2.66	2.69	2.72	2.76	2.80	2.83
Feed Use	1.08	1.09	1.12	1.13	1.14	1.16	1.17	1.18	1.18	1.18	1.19
Food and Other	1.37	1.38	1.38	1.39	1.40	1.40	1.41	1.42	1.43	1.44	1.45
Ending Stocks	0.30	0.35	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37	0.38
Domestic Use	2.74	2.82	2.86	2.88	2.90	2.93	2.95	2.97	2.99	3.00	3.01
Net Trade	-0.18	-0.32	-0.28	-0.28	-0.28	-0.27	-0.26	-0.25	-0.23	-0.20	-0.18

Algerian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
					(Metric Tons per Hectare)						
Yield	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
					(Million Metric Tons)						
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Supply	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Consumption	1.00	1.04	1.07	1.09	1.12	1.15	1.18	1.21	1.24	1.27	1.31
Ending Stocks	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Use	1.05	1.09	1.12	1.14	1.17	1.20	1.23	1.26	1.29	1.32	1.36
Net Trade	-1.00	-1.03	-1.07	-1.09	-1.12	-1.15	-1.18	-1.21	-1.24	-1.27	-1.30
Barley					(Million Hectares)						
Area Harvested	0.70	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
					(Metric Tons per Hectare)						
Yield	0.71	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80	0.81
					(Million Metric Tons)						
Production	0.50	0.53	0.54	0.54	0.55	0.56	0.56	0.57	0.58	0.59	0.59
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	0.50	0.53	0.54	0.54	0.55	0.56	0.56	0.57	0.58	0.59	0.59
Domestic Consumption	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.68	0.69	0.70	0.71
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	0.60	0.61	0.62	0.63	0.64	0.65	0.66	0.68	0.69	0.70	0.71
Net Trade	-0.10	-0.08	-0.09	-0.09	-0.09	-0.10	-0.10	-0.10	-0.11	-0.11	-0.12

Egyptian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.94	0.92	0.91	0.91	0.90	0.90	0.90	0.91	0.91	0.91	0.91
					(Metric Tons per Hectare)						
Yield	6.74	6.84	6.95	7.06	7.17	7.27	7.38	7.49	7.60	7.70	7.81
					(Million Metric Tons)						
Production	6.30	6.31	6.34	6.40	6.48	6.57	6.67	6.78	6.89	7.01	7.13
Beginning Stocks	0.25	0.35	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.40
Domestic Supply	6.55	6.65	6.69	6.76	6.84	6.94	7.04	7.16	7.28	7.40	7.53
Domestic Consumption	9.45	9.59	9.77	9.96	10.17	10.40	10.65	10.92	11.21	11.53	11.86
Ending Stocks	0.35	0.35	0.35	0.36	0.36	0.37	0.38	0.38	0.39	0.40	0.40
Domestic Use	9.80	9.94	10.13	10.32	10.54	10.77	11.03	11.30	11.60	11.92	12.26
Net Trade	-3.25	-3.28	-3.43	-3.57	-3.70	-3.84	-3.99	-4.14	-4.33	-4.52	-4.73

Nigerian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sorghum					(Million Hectares)						
Area Harvested	6.60	6.62	6.62	6.62	6.62	6.62	6.62	6.62	6.62	6.62	6.62
					(Metric Tons per Hectare)						
Yield	1.11	1.13	1.15	1.17	1.19	1.21	1.23	1.25	1.28	1.30	1.32
					(Million Metric Tons)						
Production	7.30	7.45	7.59	7.73	7.86	8.01	8.15	8.30	8.44	8.60	8.75
Beginning Stocks	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Domestic Supply	7.50	7.65	7.79	7.93	8.06	8.21	8.35	8.50	8.64	8.80	8.95
Domestic Consumption	7.30	7.45	7.59	7.73	7.86	8.01	8.15	8.30	8.44	8.60	8.75
Ending Stocks	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Domestic Use	7.50	7.65	7.79	7.93	8.06	8.21	8.35	8.50	8.64	8.80	8.95
Net Trade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other African Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	20.17	20.16	20.06	20.03	20.01	20.02	19.99	19.98	20.01	20.04	20.07
						(Metric Tons per Hectare)					
Yield	1.27	1.30	1.31	1.33	1.34	1.35	1.37	1.38	1.39	1.41	1.42
						(Million Metric Tons)					
Production	25.65	26.20	26.34	26.56	26.80	27.08	27.31	27.58	27.89	28.21	28.53
Beginning Stocks	0.79	0.89	0.73	0.72	0.77	0.82	0.88	0.94	1.00	1.08	1.16
Domestic Supply	26.44	27.09	27.07	27.28	27.56	27.89	28.19	28.52	28.89	29.29	29.69
Feed Use	2.32	2.31	2.34	2.37	2.40	2.42	2.45	2.48	2.52	2.55	2.58
Food and Other	25.83	26.36	26.67	27.03	27.39	27.73	28.09	28.45	28.85	29.28	29.75
Ending Stocks	0.89	0.73	0.72	0.77	0.82	0.88	0.94	1.00	1.08	1.16	1.24
Domestic Use	29.03	29.40	29.73	30.17	30.60	31.03	31.48	31.93	32.45	32.99	33.56
Net Trade	-2.60	-2.31	-2.66	-2.89	-3.04	-3.14	-3.29	-3.42	-3.56	-3.70	-3.87
Barley						(Million Hectares)					
Area Harvested	4.47	4.12	3.99	3.95	3.94	3.95	3.96	3.97	3.98	3.99	4.00
						(Metric Tons per Hectare)					
Yield	0.89	0.97	0.98	0.99	1.00	1.01	1.02	1.03	1.04	1.05	1.06
						(Million Metric Tons)					
Production	3.99	4.01	3.93	3.93	3.95	4.00	4.04	4.09	4.14	4.19	4.24
Beginning Stocks	0.41	0.41	0.41	0.38	0.37	0.37	0.38	0.39	0.41	0.43	0.45
Domestic Supply	4.40	4.42	4.34	4.31	4.33	4.37	4.42	4.49	4.55	4.62	4.68
Feed Use	2.45	2.58	2.63	2.68	2.71	2.74	2.80	2.85	2.92	2.98	3.03
Food and Other	2.69	2.61	2.54	2.49	2.50	2.53	2.55	2.57	2.58	2.61	2.64
Ending Stocks	0.41	0.41	0.38	0.37	0.37	0.38	0.39	0.41	0.43	0.45	0.46
Domestic Use	5.55	5.60	5.55	5.55	5.58	5.65	5.74	5.83	5.93	6.03	6.13
Net Trade	-1.15	-1.18	-1.20	-1.23	-1.26	-1.28	-1.31	-1.34	-1.38	-1.41	-1.45

Saudi Arabian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Barley						(Million Hectares)					
Area Harvested	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
						(Metric Tons per Hectare)					
Yield	7.02	7.09	7.16	7.24	7.33	7.42	7.51	7.61	7.72	7.83	7.94
						(Million Metric Tons)					
Production	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.41
Beginning Stocks	1.08	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00
Domestic Supply	1.48	1.37	1.38	1.38	1.38	1.39	1.39	1.39	1.39	1.39	1.40
Domestic Consumption	5.50	5.54	5.63	5.70	5.76	5.80	5.84	5.87	5.89	6.07	6.22
Ending Stocks	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00	1.00
Domestic Use	6.48	6.52	6.61	6.68	6.74	6.79	6.82	6.86	6.88	7.07	7.22
Net Trade	-5.00	-5.14	-5.23	-5.30	-5.36	-5.40	-5.44	-5.47	-5.49	-5.68	-5.82

Other Middle Eastern Coarse Grain
Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	0.98	0.94	0.95	0.95	0.96	0.96	0.97	0.97	0.97	0.98	0.98
						(Metric Tons per Hectare)					
Yield	2.98	3.16	3.23	3.30	3.37	3.44	3.51	3.58	3.65	3.72	3.79
						(Million Metric Tons)					
Production	2.91	2.99	3.07	3.15	3.23	3.31	3.39	3.47	3.56	3.64	3.72
Beginning Stocks	0.49	0.44	0.40	0.39	0.38	0.37	0.37	0.37	0.37	0.38	0.38
Domestic Supply	3.40	3.42	3.47	3.53	3.60	3.68	3.76	3.84	3.93	4.02	4.10
Feed Use	6.48	6.67	6.73	6.81	6.86	6.92	7.00	7.08	7.18	7.27	7.35
Food and Other	1.45	1.44	1.47	1.49	1.52	1.56	1.59	1.62	1.64	1.65	1.67
Ending Stocks	0.44	0.40	0.39	0.38	0.37	0.37	0.37	0.37	0.38	0.38	0.39
Domestic Use	8.37	8.51	8.58	8.67	8.76	8.85	8.96	9.08	9.19	9.30	9.41
Net Trade	-4.97	-5.09	-5.11	-5.14	-5.16	-5.18	-5.20	-5.23	-5.26	-5.28	-5.30
Barley						(Million Hectares)					
Area Harvested	8.90	8.86	8.85	8.86	8.87	8.89	8.91	8.93	8.95	8.97	8.99
						(Metric Tons per Hectare)					
Yield	1.48	1.49	1.51	1.52	1.54	1.55	1.57	1.58	1.60	1.61	1.63
						(Million Metric Tons)					
Production	13.16	13.21	13.33	13.47	13.62	13.79	13.95	14.12	14.28	14.44	14.61
Beginning Stocks	1.73	1.05	1.00	1.02	1.05	1.08	1.11	1.15	1.18	1.22	1.25
Domestic Supply	14.89	14.26	14.33	14.49	14.67	14.87	15.07	15.27	15.46	15.66	15.86
Feed Use	10.50	10.59	10.67	10.75	10.77	10.83	10.91	11.01	11.11	11.21	11.31
Food and Other	3.22	2.96	2.85	2.85	3.06	3.14	3.24	3.34	3.40	3.47	3.55
Ending Stocks	1.05	1.00	1.02	1.05	1.08	1.11	1.15	1.18	1.22	1.25	1.28
Domestic Use	14.76	14.55	14.53	14.65	14.91	15.09	15.30	15.53	15.73	15.93	16.14
Net Trade	0.13	-0.29	-0.20	-0.15	-0.24	-0.22	-0.23	-0.26	-0.26	-0.27	-0.28

Brazilian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	12.70	12.67	12.63	12.54	12.45	12.41	12.39	12.37	12.35	12.33	12.31
					(Metric Tons per Hectare)						
Yield	2.64	2.70	2.77	2.84	2.91	2.99	3.07	3.15	3.23	3.32	3.42
					(Million Metric Tons)						
Production	33.50	34.21	34.92	35.55	36.20	37.05	37.98	38.93	39.94	40.96	42.03
Beginning Stocks	1.01	1.16	1.19	1.23	1.26	1.29	1.33	1.38	1.43	1.48	1.53
Domestic Supply	34.51	35.36	36.11	36.77	37.46	38.34	39.31	40.32	41.36	42.44	43.56
Domestic Consumption	34.25	34.70	35.23	35.86	36.50	37.36	38.29	39.27	40.29	41.50	42.88
Ending Stocks	1.16	1.19	1.23	1.26	1.29	1.33	1.38	1.43	1.48	1.53	1.58
Domestic Use	35.41	35.89	36.46	37.12	37.79	38.70	39.67	40.69	41.77	43.03	44.46
Net Trade	-0.90	-0.53	-0.35	-0.35	-0.33	-0.35	-0.36	-0.38	-0.41	-0.58	-0.91
Barley					(Million Hectares)						
Area Harvested	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
					(Metric Tons per Hectare)						
Yield	1.87	1.90	1.93	1.96	1.99	2.02	2.05	2.08	2.11	2.14	2.18
					(Million Metric Tons)						
Production	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17
Beginning Stocks	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Supply	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.22	0.22	0.22	0.22
Domestic Consumption	0.35	0.36	0.37	0.39	0.40	0.42	0.43	0.45	0.47	0.48	0.50
Ending Stocks	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Domestic Use	0.40	0.41	0.42	0.44	0.45	0.47	0.48	0.50	0.52	0.53	0.55
Net Trade	-0.20	-0.21	-0.22	-0.23	-0.24	-0.25	-0.27	-0.28	-0.30	-0.31	-0.33

Mexican Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	7.70	7.73	7.76	7.79	7.81	7.83	7.85	7.87	7.89	7.91	7.93
					(Metric Tons per Hectare)						
Yield	2.34	2.38	2.43	2.47	2.52	2.56	2.61	2.65	2.70	2.74	2.79
					(Million Metric Tons)						
Production	18.00	18.42	18.84	19.25	19.65	20.06	20.47	20.88	21.28	21.68	22.09
Beginning Stocks	1.50	1.40	1.38	1.40	1.43	1.46	1.50	1.53	1.57	1.60	1.64
Domestic Supply	19.50	19.82	20.23	20.65	21.08	21.53	21.96	22.41	22.85	23.28	23.73
Feed Use	7.00	7.21	7.51	7.83	7.56	7.76	7.98	8.20	8.46	8.76	9.15
Food and Other	15.25	15.39	15.54	15.69	15.84	16.00	16.16	16.32	16.49	16.65	16.82
Ending Stocks	1.40	1.38	1.40	1.43	1.46	1.50	1.53	1.57	1.60	1.64	1.67
Domestic Use	23.65	23.99	24.45	24.95	24.87	25.25	25.67	26.09	26.55	27.06	27.65
Net Trade	-4.15	-4.17	-4.22	-4.30	-3.78	-3.73	-3.71	-3.68	-3.71	-3.77	-3.91
Sorghum					(Million Hectares)						
Area Harvested	2.00	2.02	2.04	2.04	2.05	2.06	2.06	2.06	2.07	2.07	2.08
					(Metric Tons per Hectare)						
Yield	3.25	3.10	3.11	3.12	3.13	3.15	3.16	3.17	3.18	3.19	3.20
					(Million Metric Tons)						
Production	6.50	6.25	6.33	6.38	6.43	6.47	6.50	6.54	6.58	6.62	6.66
Beginning Stocks	0.97	0.92	0.91	0.91	0.91	0.91	0.92	0.92	0.92	0.93	0.93
Domestic Supply	7.47	7.17	7.24	7.29	7.34	7.38	7.42	7.46	7.50	7.54	7.59
Domestic Consumption	9.25	9.31	9.46	9.59	9.67	9.79	9.96	10.07	10.21	10.32	10.51
Ending Stocks	0.92	0.91	0.91	0.91	0.91	0.92	0.92	0.92	0.93	0.93	0.93
Domestic Use	10.17	10.22	10.37	10.50	10.59	10.71	10.88	10.99	11.14	11.25	11.45
Net Trade	-2.70	-3.05	-3.13	-3.21	-3.25	-3.33	-3.46	-3.53	-3.64	-3.70	-3.86
Barley					(Million Hectares)						
Area Harvested	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28
					(Metric Tons per Hectare)						
Yield	1.82	2.02	2.04	2.06	2.08	2.10	2.12	2.14	2.17	2.19	2.21
					(Million Metric Tons)						
Production	0.50	0.56	0.56	0.57	0.57	0.58	0.58	0.59	0.60	0.60	0.61
Beginning Stocks	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Domestic Supply	0.58	0.64	0.64	0.65	0.65	0.66	0.66	0.67	0.68	0.68	0.69
Domestic Consumption	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Ending Stocks	0.40	0.41	0.42	0.42	0.43	0.44	0.45	0.46	0.47	0.48	0.49
Domestic Use	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
Net Trade	-0.10	-0.05	-0.06	-0.06	-0.06	-0.06	-0.07	-0.07	-0.07	-0.07	-0.08

Other Latin American Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	4.80	4.81	4.76	4.74	4.73	4.73	4.74	4.74	4.75	4.76	4.77
					(Metric Tons per Hectare)						
Yield	1.86	1.92	1.95	1.98	2.01	2.04	2.07	2.10	2.13	2.17	2.20
					(Million Metric Tons)						
Production	8.92	9.25	9.29	9.38	9.51	9.66	9.82	9.97	10.13	10.30	10.48
Beginning Stocks	0.88	0.78	0.76	0.76	0.76	0.78	0.80	0.82	0.84	0.86	0.89
Domestic Supply	9.80	10.03	10.05	10.14	10.27	10.44	10.61	10.79	10.97	11.17	11.37
Feed Use	9.90	10.01	10.27	10.54	10.83	11.12	11.42	11.74	12.06	12.40	12.75
Food and Other	6.58	6.77	6.81	6.85	6.89	6.93	6.96	6.99	7.02	7.05	7.07
Ending Stocks	0.78	0.76	0.76	0.76	0.78	0.80	0.82	0.84	0.86	0.89	0.91
Domestic Use	17.26	17.53	17.84	18.16	18.49	18.84	19.20	19.57	19.94	20.33	20.73
Net Trade	-7.46	-7.50	-7.78	-8.02	-8.22	-8.40	-8.58	-8.78	-8.98	-9.17	-9.36
Barley					(Million Hectares)						
Area Harvested	0.43	0.43	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.47	0.48
					(Metric Tons per Hectare)						
Yield	1.75	1.77	1.79	1.81	1.82	1.84	1.86	1.88	1.90	1.92	1.94
					(Million Metric Tons)						
Production	0.75	0.76	0.78	0.79	0.81	0.83	0.85	0.86	0.88	0.90	0.92
Beginning Stocks	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04
Domestic Supply	0.76	0.77	0.79	0.81	0.83	0.85	0.87	0.89	0.91	0.94	0.96
Feed Use	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Food and Other	0.93	0.94	0.96	0.98	1.00	1.02	1.05	1.07	1.10	1.12	1.15
Ending Stocks	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.04	0.04
Domestic Use	1.00	1.02	1.04	1.07	1.09	1.11	1.14	1.17	1.20	1.23	1.26
Net Trade	-0.25	-0.25	-0.25	-0.26	-0.26	-0.26	-0.27	-0.28	-0.28	-0.29	-0.30

Indian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	6.10	6.05	5.94	5.93	5.88	5.90	5.95	6.01	6.05	6.10	6.13
						(Metric Tons per Hectare)					
Yield	1.56	1.68	1.71	1.74	1.77	1.80	1.84	1.87	1.90	1.93	1.96
						(Million Metric Tons)					
Production	9.50	10.16	10.15	10.33	10.43	10.65	10.93	11.23	11.49	11.80	12.05
Beginning Stocks	0.30	0.10	0.12	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.23
Domestic Supply	9.80	10.26	10.28	10.47	10.59	10.82	11.11	11.43	11.70	12.01	12.27
Feed Use	4.00	4.23	4.49	4.74	4.97	5.23	5.51	5.77	6.04	6.31	6.57
Food and Other	5.86	5.98	5.99	5.99	5.95	5.91	5.87	5.81	5.76	5.70	5.64
Ending Stocks	0.10	0.12	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.23	0.23
Domestic Use	9.96	10.34	10.62	10.88	11.10	11.32	11.57	11.79	12.01	12.23	12.44
Net Trade	-0.04	-0.06	-0.42	-0.59	-0.78	-0.87	-0.92	-0.91	-0.95	-0.94	-0.98
Sorghum						(Million Hectares)					
Area Harvested	11.50	11.41	11.34	11.36	11.34	11.32	11.31	11.29	11.26	11.14	11.00
						(Metric Tons per Hectare)					
Yield	0.87	0.88	0.89	0.90	0.91	0.91	0.92	0.93	0.94	0.95	0.96
						(Million Metric Tons)					
Production	10.00	10.04	10.07	10.19	10.27	10.35	10.44	10.51	10.58	10.56	10.52
Beginning Stocks	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Domestic Supply	10.10	10.14	10.17	10.29	10.37	10.45	10.54	10.61	10.68	10.66	10.62
Domestic Consumption	10.00	10.04	10.07	10.19	10.27	10.35	10.44	10.51	10.58	10.56	10.52
Ending Stocks	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Domestic Use	10.10	10.14	10.17	10.29	10.37	10.45	10.54	10.61	10.68	10.66	10.62
Net Trade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Indonesian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	3.20	3.24	3.19	3.15	3.15	3.15	3.14	3.12	3.12	3.13	3.14
					(Metric Tons per Hectare)						
Yield	1.97	1.99	2.01	2.03	2.05	2.07	2.09	2.11	2.13	2.15	2.17
					(Million Metric Tons)						
Production	6.30	6.44	6.41	6.39	6.45	6.52	6.56	6.57	6.64	6.72	6.82
Beginning Stocks	0.60	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61
Domestic Supply	6.90	7.04	7.01	6.99	7.05	7.12	7.16	7.18	7.25	7.33	7.43
Feed Use	2.30	2.28	2.36	2.46	2.59	2.72	2.85	2.99	3.12	3.26	3.40
Food and Other	3.75	3.87	3.86	3.86	3.91	3.97	4.01	4.02	4.07	4.14	4.21
Ending Stocks	0.60	0.60	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61
Domestic Use	6.65	6.75	6.82	6.92	7.11	7.30	7.47	7.61	7.81	8.01	8.22
Net Trade	0.25	0.28	0.19	0.07	-0.06	-0.18	-0.30	-0.43	-0.56	-0.67	-0.79

Malaysian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
					(Metric Tons per Hectare)						
Yield	2.00	1.95	1.99	2.03	2.06	2.10	2.14	2.18	2.21	2.25	2.29
					(Million Metric Tons)						
Production	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06
Beginning Stocks	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Domestic Supply	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26	0.26	0.26
Feed Use	2.20	2.13	2.12	2.15	2.20	2.24	2.31	2.39	2.47	2.54	2.62
Food and Other	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17
Ending Stocks	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Domestic Use	2.55	2.49	2.47	2.51	2.55	2.60	2.67	2.76	2.83	2.91	2.99
Net Trade	-2.30	-2.24	-2.22	-2.26	-2.30	-2.35	-2.42	-2.50	-2.58	-2.65	-2.73

Philippine Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	2.75	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.75	2.75
					(Metric Tons per Hectare)						
Yield	1.53	1.63	1.67	1.71	1.75	1.79	1.83	1.87	1.91	1.95	1.99
					(Million Metric Tons)						
Production	4.20	4.49	4.61	4.72	4.83	4.94	5.05	5.15	5.26	5.37	5.47
Beginning Stocks	0.12	0.12	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23
Domestic Supply	4.32	4.61	4.76	4.88	5.00	5.12	5.24	5.36	5.47	5.59	5.71
Feed Use	2.95	3.17	3.32	3.46	3.60	3.74	3.86	3.98	4.11	4.25	4.38
Food and Other	1.60	1.64	1.67	1.70	1.74	1.77	1.80	1.83	1.87	1.90	1.93
Ending Stocks	0.12	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24
Domestic Use	4.67	4.95	5.15	5.33	5.52	5.69	5.87	6.03	6.20	6.38	6.56
Net Trade	-0.35	-0.34	-0.39	-0.46	-0.52	-0.58	-0.63	-0.67	-0.73	-0.79	-0.85

Pakistani Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.89	0.88	0.89	0.89	0.88	0.88	0.88	0.88	0.89	0.89	0.89
					(Metric Tons per Hectare)						
Yield	1.46	1.50	1.51	1.52	1.53	1.55	1.56	1.57	1.58	1.59	1.60
					(Million Metric Tons)						
Production	1.30	1.32	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.43
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	1.30	1.32	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.43
Feed Use	0.48	0.53	0.53	0.54	0.54	0.55	0.56	0.56	0.57	0.57	0.58
Food and Other	0.83	0.79	0.81	0.81	0.81	0.82	0.82	0.82	0.83	0.84	0.85
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	1.30	1.32	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.43
Net Trade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sorghum					(Million Hectares)						
Area Harvested	0.40	0.41	0.40	0.40	0.41	0.42	0.43	0.45	0.46	0.48	0.49
					(Metric Tons per Hectare)						
Yield	0.58	0.61	0.61	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.63
					(Million Metric Tons)						
Production	0.23	0.25	0.24	0.25	0.25	0.26	0.27	0.28	0.29	0.30	0.31
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	0.23	0.25	0.24	0.25	0.25	0.26	0.27	0.28	0.29	0.30	0.31
Feed Use	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.13
Food and Other	0.15	0.16	0.15	0.15	0.15	0.15	0.16	0.16	0.17	0.17	0.18
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	0.23	0.25	0.24	0.25	0.25	0.26	0.27	0.28	0.29	0.30	0.31
Net Trade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barley					(Million Hectares)						
Area Harvested	0.16	0.16	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.15
					(Metric Tons per Hectare)						
Yield	1.07	1.04	1.06	1.07	1.09	1.11	1.13	1.14	1.16	1.18	1.20
					(Million Metric Tons)						
Production	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18
Feed Use	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Food and Other	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18
Net Trade	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

South Korean Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
						(Metric Tons per Hectare)					
Yield	4.14	4.20	4.26	4.32	4.38	4.44	4.50	4.56	4.62	4.68	4.74
						(Million Metric Tons)					
Production	0.09	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07
Beginning Stocks	0.50	0.49	0.57	0.57	0.57	0.58	0.59	0.59	0.60	0.61	0.61
Domestic Supply	0.59	0.57	0.65	0.65	0.65	0.66	0.67	0.67	0.67	0.68	0.68
Feed Use	4.90	5.20	5.17	5.18	5.24	5.31	5.30	5.31	5.35	5.37	5.34
Food and Other	1.70	1.72	1.78	1.84	1.92	1.99	2.07	2.15	2.24	2.33	2.43
Ending Stocks	0.49	0.57	0.57	0.57	0.58	0.59	0.59	0.60	0.61	0.61	0.62
Domestic Use	7.09	7.48	7.51	7.59	7.74	7.89	7.96	8.06	8.19	8.31	8.38
Net Trade	-6.50	-6.91	-6.86	-6.94	-7.09	-7.23	-7.30	-7.39	-7.52	-7.64	-7.70

Taiwanese Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
						(Metric Tons per Hectare)					
Yield	4.79	4.87	4.94	5.02	5.09	5.17	5.24	5.32	5.39	5.47	5.54
						(Million Metric Tons)					
Production	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Beginning Stocks	1.50	1.30	1.25	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
Domestic Supply	1.62	1.41	1.37	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
Feed Use	4.52	4.40	4.57	4.79	4.92	4.98	5.09	5.23	5.35	5.44	5.51
Food and Other	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.30	0.30
Ending Stocks	1.30	1.25	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
Domestic Use	6.12	5.95	6.11	6.32	6.45	6.51	6.62	6.76	6.88	6.97	7.05
Net Trade	-4.50	-4.54	-4.74	-4.97	-5.10	-5.16	-5.27	-5.41	-5.53	-5.62	-5.70
Barley						(Million Metric Tons)					
Production	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Feed Use	0.08	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17
Food and Other	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.10
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	0.15	0.16	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	0.27
Net Trade	-0.15	-0.16	-0.17	-0.18	-0.19	-0.21	-0.22	-0.23	-0.24	-0.25	-0.27

Thai Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	1.20	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
						(Metric Tons per Hectare)					
Yield	3.75	3.60	3.64	3.68	3.73	3.79	3.86	3.93	4.01	4.09	4.19
						(Million Metric Tons)					
Production	4.50	4.24	4.28	4.33	4.39	4.46	4.54	4.62	4.71	4.81	4.92
Beginning Stocks	0.12	0.52	0.58	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Domestic Supply	4.62	4.77	4.86	4.92	4.98	5.05	5.12	5.21	5.30	5.40	5.51
Domestic Consumption	4.15	4.30	4.46	4.62	4.77	4.92	5.06	5.21	5.37	5.54	5.73
Ending Stocks	0.52	0.58	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
Domestic Use	4.67	4.87	5.04	5.21	5.36	5.50	5.65	5.80	5.97	6.13	6.33
Net Trade	-0.05	-0.11	-0.19	-0.30	-0.38	-0.46	-0.53	-0.59	-0.66	-0.73	-0.81

Vietnamese Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn						(Million Hectares)					
Area Harvested	0.62	0.61	0.61	0.60	0.60	0.61	0.61	0.61	0.62	0.63	0.63
						(Metric Tons per Hectare)					
Yield	2.42	2.47	2.52	2.57	2.63	2.68	2.73	2.78	2.83	2.88	2.93
						(Million Metric Tons)					
Production	1.50	1.51	1.53	1.55	1.58	1.62	1.66	1.71	1.76	1.81	1.86
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	1.50	1.51	1.53	1.55	1.58	1.62	1.66	1.71	1.76	1.81	1.86
Domestic Consumption	1.45	1.50	1.54	1.58	1.62	1.66	1.70	1.74	1.78	1.82	1.86
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	1.45	1.50	1.54	1.58	1.62	1.66	1.70	1.74	1.78	1.82	1.86
Net Trade	0.05	0.02	-0.01	-0.02	-0.03	-0.03	-0.03	-0.03	-0.02	-0.01	0.01

Other Asian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	1.96	1.99	2.02	2.05	2.08	2.11	2.14	2.17	2.20	2.23	2.26
					(Metric Tons per Hectare)						
Yield	2.05	2.09	2.13	2.18	2.22	2.26	2.30	2.33	2.37	2.40	2.44
					(Million Metric Tons)						
Production	4.00	4.15	4.30	4.45	4.60	4.75	4.90	5.05	5.20	5.35	5.50
Beginning Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Supply	4.00	4.15	4.30	4.45	4.60	4.75	4.90	5.05	5.20	5.35	5.50
Feed Use	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10
Food and Other	1.35	1.51	1.67	1.83	1.99	2.15	2.31	2.47	2.63	2.79	2.95
Ending Stocks	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Domestic Use	4.45	4.61	4.77	4.93	5.09	5.25	5.41	5.57	5.73	5.89	6.05
Net Trade	-0.45	-0.46	-0.47	-0.48	-0.49	-0.50	-0.51	-0.52	-0.53	-0.54	-0.55
Barley					(Million Hectares)						
Area Harvested	1.23	1.20	1.19	1.18	1.18	1.18	1.19	1.19	1.19	1.19	1.19
					(Metric Tons per Hectare)						
Yield	1.91	1.94	1.96	1.99	2.01	2.04	2.06	2.09	2.11	2.13	2.16
					(Million Metric Tons)						
Production	2.35	2.32	2.33	2.35	2.37	2.41	2.44	2.48	2.51	2.54	2.57
Beginning Stocks	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Domestic Supply	2.37	2.34	2.35	2.37	2.39	2.43	2.46	2.50	2.53	2.56	2.59
Feed Use	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Food and Other	2.25	2.22	2.23	2.25	2.27	2.31	2.34	2.38	2.41	2.44	2.47
Ending Stocks	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Domestic Use	2.47	2.44	2.45	2.47	2.49	2.53	2.56	2.60	2.63	2.66	2.69
Net Trade	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10

Czech Republic Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
					(Metric Tons per Hectare)						
Yield	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10
					(Million Metric Tons)						
Production	0.20	0.20	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.21
Beginning Stocks	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Domestic Supply	0.22	0.22	0.23	0.24	0.24	0.24	0.24	0.24	0.24	0.23	0.23
Feed Use	0.13	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17
Food and Other	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08
Ending Stocks	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Domestic Use	0.22	0.23	0.24	0.24	0.24	0.25	0.25	0.25	0.26	0.26	0.27
Net Trade	0.00	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.03	-0.04
Barley					(Million Hectares)						
Area Harvested	0.58	0.59	0.59	0.60	0.60	0.59	0.59	0.58	0.58	0.57	0.55
					(Metric Tons per Hectare)						
Yield	3.66	3.89	3.93	3.97	4.01	4.05	4.09	4.13	4.17	4.21	4.25
					(Million Metric Tons)						
Production	2.13	2.28	2.33	2.36	2.39	2.41	2.42	2.42	2.41	2.39	2.36
Beginning Stocks	0.21	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Domestic Supply	2.34	2.29	2.35	2.38	2.41	2.43	2.44	2.44	2.43	2.41	2.38
Feed Use	1.70	1.70	1.67	1.65	1.62	1.60	1.59	1.59	1.60	1.62	1.65
Food and Other	0.70	0.70	0.70	0.70	0.71	0.71	0.71	0.72	0.72	0.72	0.73
Ending Stocks	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Domestic Use	2.41	2.41	2.39	2.37	2.34	2.33	2.32	2.33	2.34	2.36	2.39
Net Trade	-0.08	-0.12	-0.05	0.01	0.07	0.10	0.11	0.11	0.09	0.04	-0.02

Hungarian Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	1.00	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.01	1.02	1.02
					(Metric Tons per Hectare)						
Yield	6.00	5.93	6.00	6.06	6.13	6.20	6.26	6.32	6.39	6.44	6.50
					(Million Metric Tons)						
Production	6.00	6.00	6.07	6.15	6.21	6.27	6.34	6.41	6.47	6.54	6.61
Beginning Stocks	0.82	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Domestic Supply	6.82	6.83	6.90	6.98	7.04	7.10	7.17	7.24	7.30	7.37	7.44
Feed Use	4.80	4.95	4.99	5.00	4.98	4.96	4.96	4.95	4.94	4.95	4.98
Food and Other	0.40	0.40	0.40	0.41	0.41	0.41	0.42	0.42	0.42	0.43	0.43
Ending Stocks	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
Domestic Use	6.03	6.18	6.23	6.24	6.22	6.20	6.20	6.20	6.20	6.21	6.25
Net Trade	0.79	0.64	0.67	0.73	0.82	0.89	0.96	1.03	1.10	1.15	1.18
Barley					(Million Hectares)						
Area Harvested	0.35	0.38	0.37	0.36	0.36	0.37	0.37	0.37	0.37	0.38	0.38
					(Metric Tons per Hectare)						
Yield	3.43	3.46	3.50	3.53	3.57	3.60	3.64	3.68	3.71	3.75	3.79
					(Million Metric Tons)						
Production	1.20	1.30	1.29	1.29	1.30	1.32	1.34	1.36	1.38	1.41	1.43
Beginning Stocks	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Domestic Supply	1.34	1.44	1.43	1.43	1.44	1.46	1.48	1.50	1.52	1.55	1.57
Feed Use	0.80	0.84	0.85	0.85	0.85	0.84	0.84	0.84	0.83	0.83	0.83
Food and Other	0.36	0.35	0.35	0.34	0.33	0.33	0.32	0.31	0.30	0.30	0.29
Ending Stocks	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
Domestic Use	1.30	1.33	1.34	1.33	1.32	1.31	1.30	1.29	1.28	1.27	1.26
Net Trade	0.04	0.11	0.09	0.10	0.12	0.15	0.18	0.21	0.24	0.28	0.32

Polish Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09
					(Metric Tons per Hectare)						
Yield	5.43	5.30	5.35	5.40	5.44	5.49	5.54	5.59	5.64	5.69	5.75
					(Million Metric Tons)						
Production	0.38	0.38	0.40	0.41	0.42	0.44	0.45	0.47	0.49	0.50	0.52
Beginning Stocks	0.17	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11
Domestic Supply	24.67	25.67	26.67	27.67	28.67	29.67	30.67	31.67	32.67	33.67	34.67
Feed Use	0.60	0.62	0.65	0.67	0.69	0.71	0.73	0.75	0.77	0.80	0.83
Food and Other	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Ending Stocks	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.11	0.11	0.11
Domestic Use	24.37	25.37	26.37	27.37	28.37	29.37	30.37	31.37	32.37	33.37	34.37
Net Trade	-0.25	-0.33	-0.34	-0.35	-0.35	-0.36	-0.36	-0.36	-0.37	-0.38	-0.40
Barley					(Million Hectares)						
Area Harvested	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.27	1.28	1.29
					(Metric Tons per Hectare)						
Yield	3.00	3.03	3.06	3.09	3.12	3.15	3.18	3.22	3.25	3.28	3.31
					(Million Metric Tons)						
Production	3.60	3.68	3.74	3.81	3.87	3.93	4.00	4.07	4.14	4.21	4.28
Beginning Stocks	0.53	0.33	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.26
Domestic Supply	4.13	4.00	4.04	4.10	4.16	4.22	4.28	4.35	4.41	4.48	4.55
Feed Use	2.90	3.02	3.13	3.20	3.23	3.28	3.34	3.41	3.49	3.58	3.69
Food and Other	1.00	0.99	0.98	0.98	0.98	0.98	0.99	0.99	1.00	1.00	1.00
Ending Stocks	0.33	0.30	0.29	0.29	0.28	0.28	0.28	0.27	0.27	0.26	0.26
Domestic Use	4.23	4.31	4.40	4.47	4.50	4.55	4.61	4.68	4.75	4.84	4.95
Net Trade	-0.10	-0.31	-0.36	-0.37	-0.34	-0.33	-0.33	-0.33	-0.34	-0.36	-0.40

Other Eastern European Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	5.82	5.75	5.75	5.78	5.80	5.84	5.87	5.89	5.92	5.94	5.96
					(Metric Tons per Hectare)						
Yield	3.16	3.52	3.56	3.59	3.63	3.66	3.70	3.74	3.77	3.81	3.85
					(Million Metric Tons)						
Production	18.35	20.25	20.46	20.75	21.05	21.38	21.71	22.02	22.33	22.64	22.95
Beginning Stocks	5.30	3.57	3.70	3.66	3.65	3.62	3.60	3.59	3.58	3.57	3.57
Domestic Supply	23.65	23.82	24.15	24.41	24.69	25.00	25.31	25.61	25.90	26.21	26.51
Feed Use	15.73	15.66	15.65	15.78	15.95	16.21	16.59	16.92	17.30	17.66	17.97
Food and Other	3.41	3.41	3.42	3.42	3.42	3.43	3.43	3.44	3.44	3.44	3.44
Ending Stocks	3.57	3.70	3.66	3.65	3.62	3.60	3.59	3.58	3.57	3.57	3.56
Domestic Use	22.70	22.76	22.73	22.84	22.99	23.24	23.61	23.94	24.32	24.67	24.97
Net Trade	0.95	1.05	1.43	1.57	1.70	1.76	1.70	1.67	1.59	1.54	1.54
Barley					(Million Hectares)						
Area Harvested	1.35	1.33	1.32	1.33	1.33	1.34	1.34	1.35	1.35	1.36	1.36
					(Metric Tons per Hectare)						
Yield	2.78	2.81	2.84	2.88	2.91	2.95	2.98	3.02	3.06	3.09	3.13
					(Million Metric Tons)						
Production	3.74	3.73	3.77	3.82	3.87	3.94	4.00	4.07	4.13	4.20	4.26
Beginning Stocks	0.47	0.22	0.23	0.26	0.28	0.30	0.32	0.35	0.37	0.39	0.41
Domestic Supply	4.20	3.95	4.00	4.07	4.15	4.24	4.33	4.42	4.50	4.59	4.67
Feed Use	2.81	2.85	2.87	2.88	2.89	2.93	2.99	3.06	3.13	3.20	3.30
Food and Other	0.91	0.91	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.79	0.77
Ending Stocks	0.22	0.23	0.26	0.28	0.30	0.32	0.35	0.37	0.39	0.41	0.44
Domestic Use	3.93	4.00	4.03	4.05	4.06	4.11	4.17	4.25	4.33	4.41	4.50
Net Trade	0.27	-0.05	-0.03	0.02	0.09	0.13	0.16	0.16	0.18	0.18	0.17

Rest-of-World Coarse Grain Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Corn					(Million Hectares)						
Area Harvested	0.11	0.11	0.11	0.10	0.10	0.10	0.11	0.11	0.11	0.11	0.11
					(Metric Tons per Hectare)						
Yield	6.36	6.74	6.84	6.94	7.04	7.15	7.26	7.37	7.48	7.59	7.70
					(Million Metric Tons)						
Production	0.68	0.72	0.72	0.73	0.74	0.75	0.76	0.77	0.79	0.80	0.82
Beginning Stocks	0.10	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Domestic Supply	0.78	0.78	0.78	0.79	0.80	0.82	0.83	0.84	0.86	0.87	0.89
Domestic Consumption	0.90	0.92	0.95	0.98	1.01	1.04	1.07	1.10	1.13	1.17	1.20
Ending Stocks	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Domestic Use	0.96	0.99	1.02	1.05	1.07	1.10	1.14	1.17	1.20	1.24	1.27
Net Trade	-0.18	-0.20	-0.23	-0.25	-0.27	-0.29	-0.31	-0.33	-0.35	-0.37	-0.38
Sorghum					(Million Hectares)						
Area Harvested	15.86	15.63	15.55	15.52	15.51	15.53	15.56	15.59	15.62	15.65	15.67
					(Metric Tons per Hectare)						
Yield	1.18	1.15	1.16	1.17	1.18	1.20	1.21	1.22	1.23	1.25	1.26
					(Million Metric Tons)						
Production	18.75	17.98	18.07	18.21	18.38	18.59	18.81	19.03	19.26	19.48	19.71
Beginning Stocks	0.62	1.36	1.29	1.30	1.33	1.37	1.42	1.48	1.56	1.64	1.71
Domestic Supply	19.37	19.34	19.36	19.51	19.71	19.95	20.23	20.52	20.82	21.12	21.42
Domestic Consumption	18.36	18.53	18.69	18.88	19.11	19.38	19.67	19.99	20.30	20.63	20.93
Ending Stocks	1.36	1.29	1.30	1.33	1.37	1.42	1.48	1.56	1.64	1.71	1.75
Domestic Use	19.72	19.83	19.99	20.20	20.48	20.80	21.16	21.55	21.94	22.34	22.68
Net Trade	-0.35	-0.49	-0.63	-0.70	-0.77	-0.85	-0.93	-1.03	-1.13	-1.22	-1.27
Barley					(Million Hectares)						
Area Harvested	0.45	0.44	0.42	0.40	0.38	0.37	0.36	0.35	0.34	0.34	0.33
					(Metric Tons per Hectare)						
Yield	3.87	3.92	3.98	4.04	4.10	4.17	4.23	4.29	4.36	4.42	4.49
					(Million Metric Tons)						
Production	1.74	1.73	1.68	1.63	1.58	1.54	1.52	1.51	1.49	1.48	1.49
Beginning Stocks	0.55	0.52	0.49	0.48	0.47	0.46	0.46	0.46	0.45	0.45	0.45
Domestic Supply	2.29	2.24	2.18	2.11	2.05	2.01	1.98	1.96	1.95	1.94	1.94
Domestic Consumption	2.15	2.20	2.23	2.26	2.30	2.36	2.44	2.53	2.63	2.74	2.87
Ending Stocks	0.52	0.49	0.48	0.47	0.46	0.46	0.46	0.45	0.45	0.45	0.45
Domestic Use	2.67	2.69	2.71	2.73	2.76	2.82	2.89	2.98	3.08	3.20	3.32
Net Trade	-0.38	-0.44	-0.53	-0.62	-0.72	-0.81	-0.91	-1.02	-1.14	-1.26	-1.38

Oilseeds and Products

Soybean and Soybean Products

•World soybean markets have been in turmoil this year, with soybean prices falling by 16.8 percent from a year ago and by 26.3 percent from two years ago.

•Decreasing prices next year will stimulate world demand for soybean and reduce acreage in relatively more export-oriented markets such as in Argentina. Acreage increases projected in Brazil and the United States will be sufficient to cover any supply shortfalls. Prices are expected to strengthen during the rest of the projection period.

•World soybean area increased to a record 70.6 mha during 1998/99. Nearly half of the increase in soybean area occurred in the United States (0.7 mha) and the rest in India (0.5 mha) and other countries. Chinese area under soybean (as well as yields) declined substantially this year due to devastating floods in key growing regions. Total soybean area in the Southern American countries remained constant at last year's level.

•Overall, soybean area is projected to increase by 6.78 percent, to more than 75.4 mha by 2008/09, with an associated increase of nearly 28 mmt in soybean production. The increase in soybean crush is expected to increase meal production by about 23 mmt and oil production by about 5 mmt (each by about 22 percent) over the projection period.

•Soybean area in the United States will increase next year, driven by the attractive loan rates, before trending down as the corn-to-soybean price ratio decreases in later years. The United States is, and is projected to remain, by far the largest soybean exporter.

•South American soybean area is expected to grow further next year as early estimates for 1999/00 indicate another record crop year. It is projected that this area will increase by nearly 2.32 mha in the coming decade. Soybean exports from Brazil are expected to reach 8.1 mmt by 2008/09. Brazil and Argentina will continue to remain the top soy meal exporters, with exports reaching 13.1 mmt and 13.6 mmt, respectively, by the end of the projection period. Argentina is projected to remain, by far, the largest soy oil exporter, with exports increasing from 2.2 mmt in the current year to more than 2.8 mmt by the end of the period.

•Although the world soybean trade decreased slightly in 1998/99 from a year ago, it represents an increase of about 6 percent over 1996/97 trade levels. (The total trade had increased by almost 4.25 mmt between 1996/97 and 1997/98.) The 0.84 mmt decrease in the European Union's soybean imports in 1998/99, compared to the previous year, was more than compensated by a nearly 0.9 mmt increase in Chinese soybean imports.

•Although the oilseeds area in the European Union is bound by the Blair House Agreement to a maximum of 5.482 mha, some member states do report over-planting when relative prices tend to favor oilseeds over other crops. Overall, the EU oilseeds area overshot Blair House limits by 8.35 percent in 1998/99. This trend might continue while the relative oilseeds prices remain sufficiently lucrative.

•India is expected to remain the fourth largest exporter of soymeal and strengthen this position during the projection period, precluding the United States to increase its share of the global trade in soy meal. Total soybean acreage in India is projected to grow to more than 7.5 mha by the end of the projections. Although the Indian government recently uplifted the restrictions on oilseeds imports, its implementation is yet to take place. This policy shift may be beneficial for U.S. soybean exporters in the coming years.

•Chinese soybean imports reached record highs during the current year, mainly due to devastating floods in major soybean producing regions of China. As supply returns to normal next year, soybean import requirements are expected to decrease. Total soybean and soybean meal imports closely follow the developments in the Chinese livestock sector, which, in turn, reflects changes in macroeconomic assumptions.

•Japan imports a large quantity of soybeans for its domestic crushing industry. Its total bean imports are projected to increase to more than 4.85 mmt by 2008/09, while its long-term meal imports are expected to decline from 800 tmt in the current year to about 608 tmt by the end of the period, reflecting the downtrend in the Japanese livestock sector.

•Like Japan, Taiwan also imports relatively large quantities of beans for domestic crushing to supply soy meal to its hog and poultry industries. As its hog industry recovers slowly from this recent crisis, its soybean imports are projected to grow (from the current low level of 2.4 mmt) by only 300 tmt over the next 10 years.

•Slow economic recovery in Former Soviet Union countries is expected to restrain their import demand for both soybeans and soybean meal. Their total soybean and meal imports are projected to grow by only 280 tmt by the year 2008/09.

•South Korean bean and meal demand is also projected to grow at a slower rate, with bean imports increasing by 87 tmt and meal imports by 540 tmt by the end of the period. Mexican soybean imports are projected to grow by about 815 tmt during this period.

•Total soybean trade is projected to increase by more than 8 mmt (23 percent) between 1998/99 and 2008/09. Trade in soy meal and soy oil is also projected to grow by similar percentages during the next 10 years.

•The European Union is expected to remain, by far, the largest soybean and soybean meal importer in the world, with combined imports projected to reach nearly 30 mmt by the year 2008/09.

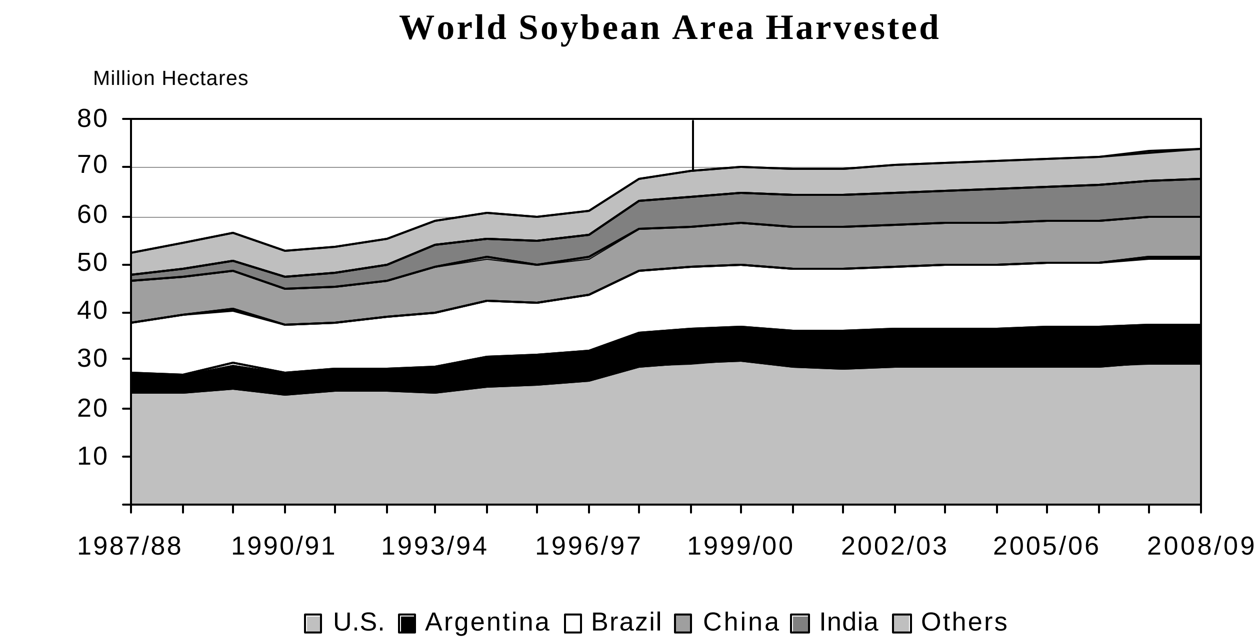
•Soybean meal prices plummeted 23.3 percent compared to 1997/98 and 48.3 percent compared to 1996/97 levels. Stagnating soy meal demand and record crush caused this free fall in prices. However, toward the later part of the year, relatively weaker soy meal prices resulted in large imports from countries like the European Union, where meal manufacturers reported substituting meal in feed rations in place of higher priced grains.

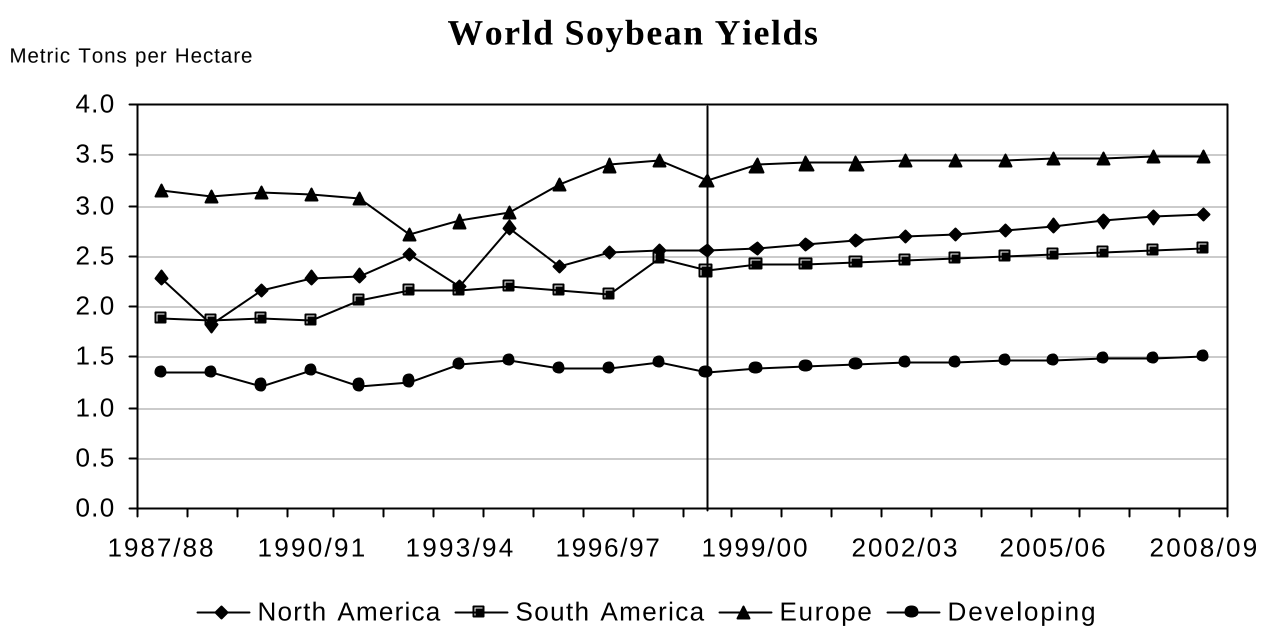
•Soy oil had been the only redeeming factor as prices strengthened in the later part of the year (a drop of only 4.9 percent from last year, but an increase of 9.3 percent above 1996/97). The shortfall in palm oil supply caused palm oil prices to be relatively higher and led importers to substitute soy oil for palm oil.

•Chinese soy oil imports are projected to grow rather rapidly during the later projection years, as per capita incomes grow at a relatively faster rate.

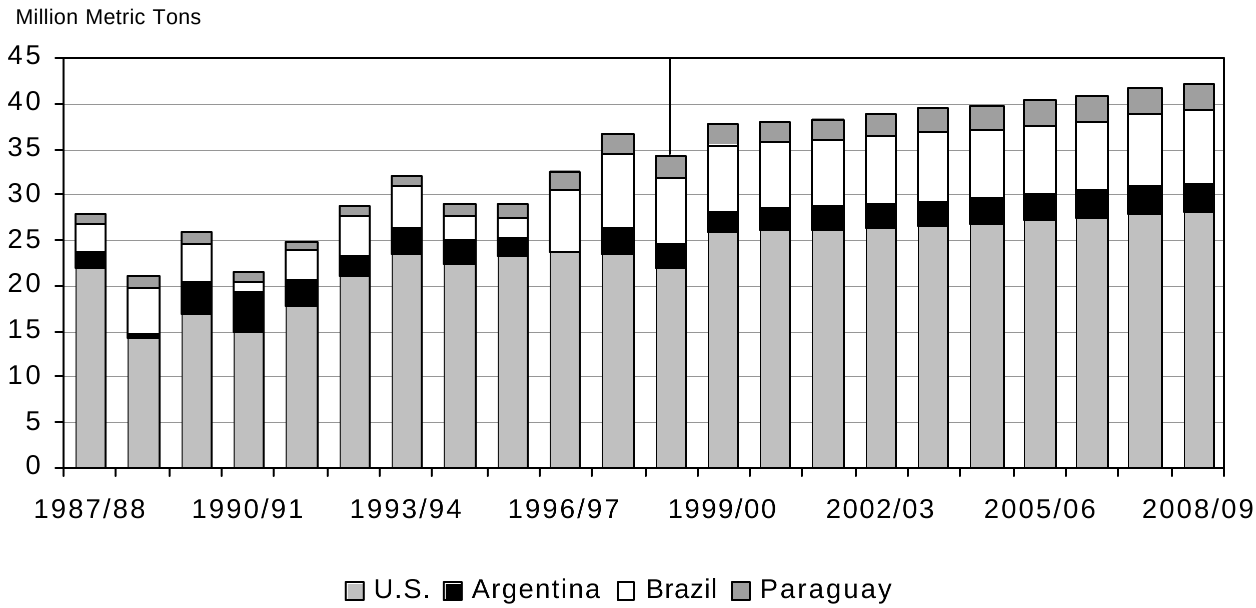
Soybean Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Argentina	2,450	2,368	2,456	2,554	2,635	2,701	2,790	2,861	2,950	3,015	3,115
Brazil	7,450	7,257	7,094	7,197	7,300	7,431	7,543	7,690	7,814	7,958	8,123
Canada	450	450	487	517	528	521	544	544	568	562	540
Paraguay	2,400	2,409	2,445	2,495	2,546	2,598	2,651	2,701	2,753	2,802	2,854
United States	22,017	25,828	26,127	26,181	26,426	26,671	26,862	27,188	27,433	27,842	28,168
Total Net Exports	34,765	38,323	38,601	38,939	39,426	39,930	40,390	40,980	41,531	42,170	42,795
Net Importers											
Eastern Europe	148	152	168	187	208	230	251	274	296	319	342
European Union	15,278	15,879	15,982	16,011	16,105	16,199	16,267	16,407	16,508	16,678	16,816
Former Soviet Union	412	428	451	473	493	512	530	547	562	575	588
Russia	115	123	141	158	175	191	206	221	235	249	262
Ukraine	20	19	23	28	32	35	38	40	42	43	44
Other Former Soviet Union	277	286	287	287	287	286	286	285	284	283	282
Japan	4,700	4,767	4,764	4,770	4,784	4,798	4,807	4,819	4,830	4,842	4,854
Developing	10,690	10,810	10,960	11,261	11,560	11,835	12,082	12,343	12,588	12,843	13,090
China	3,420	3,349	3,346	3,504	3,678	3,834	3,976	4,140	4,296	4,463	4,616
India	0	0	0	0	0	0	0	0	0	0	0
Mexico	3,470	3,632	3,751	3,851	3,937	4,011	4,076	4,134	4,188	4,238	4,285
South Korea	1,400	1,423	1,432	1,435	1,436	1,444	1,450	1,458	1,467	1,473	1,487
Taiwan	2,400	2,405	2,431	2,470	2,509	2,546	2,580	2,611	2,638	2,668	2,701
Rest of World	4,449	4,789	4,777	4,738	4,777	4,856	4,952	5,090	5,248	5,413	5,606
Residual	-912	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Total Net Imports	34,765	38,323	38,601	38,939	39,426	39,930	40,390	40,980	41,531	42,170	42,795
Prices					(U.S. Dollars per Metric Ton)						
FOB Gulf	213	203	207	212	215	216	220	222	226	227	232
CIF Rotterdam	230	215	218	223	226	227	231	233	237	238	243

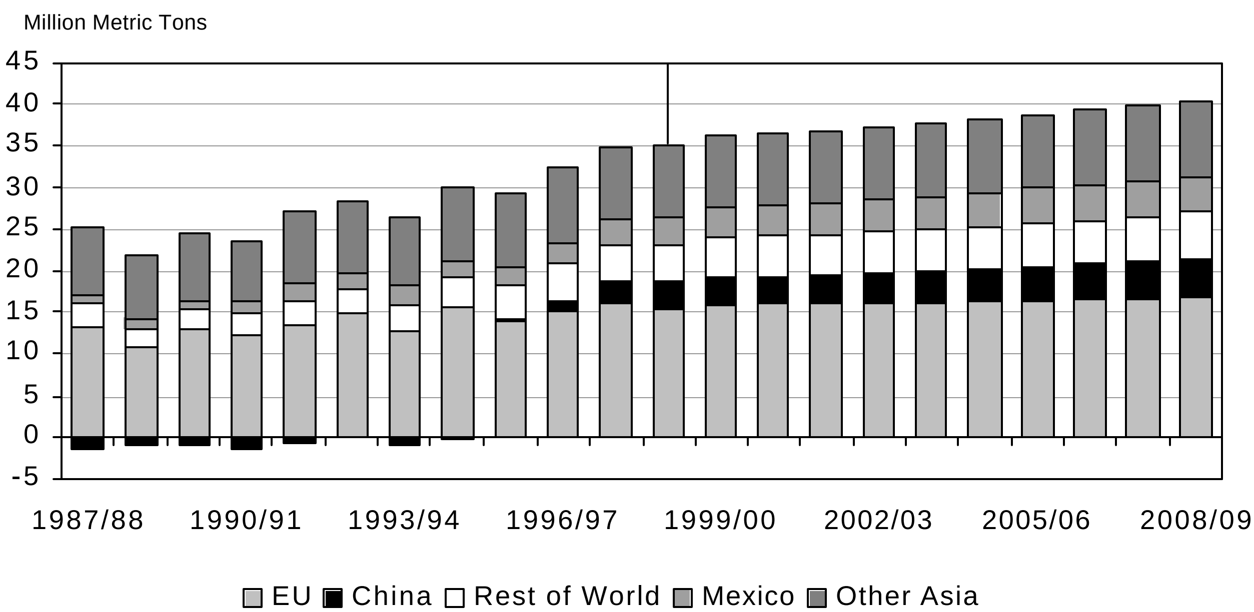

World Soybean Area Harvested
Million Hectares
80
70
60
50
40
30
20
10
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
U.S.
Argentina
Brazil
China
India
Others

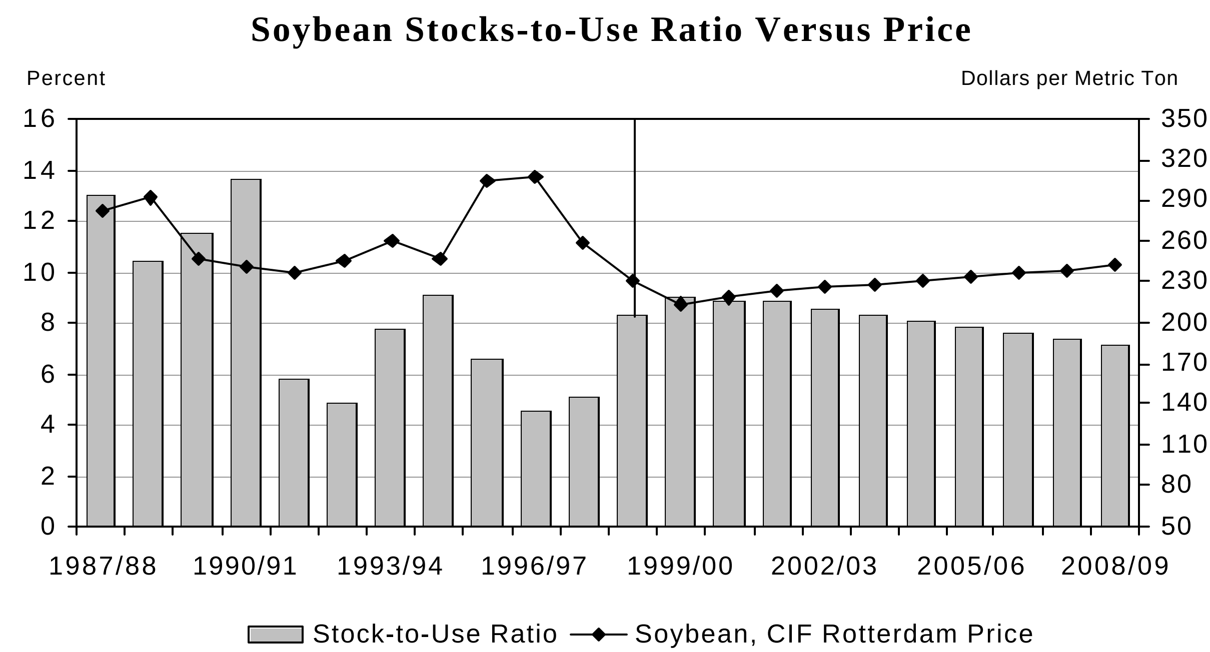

World Soybean Yields
Metric Tons per Hectare
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
North America
South America
Europe
Developing

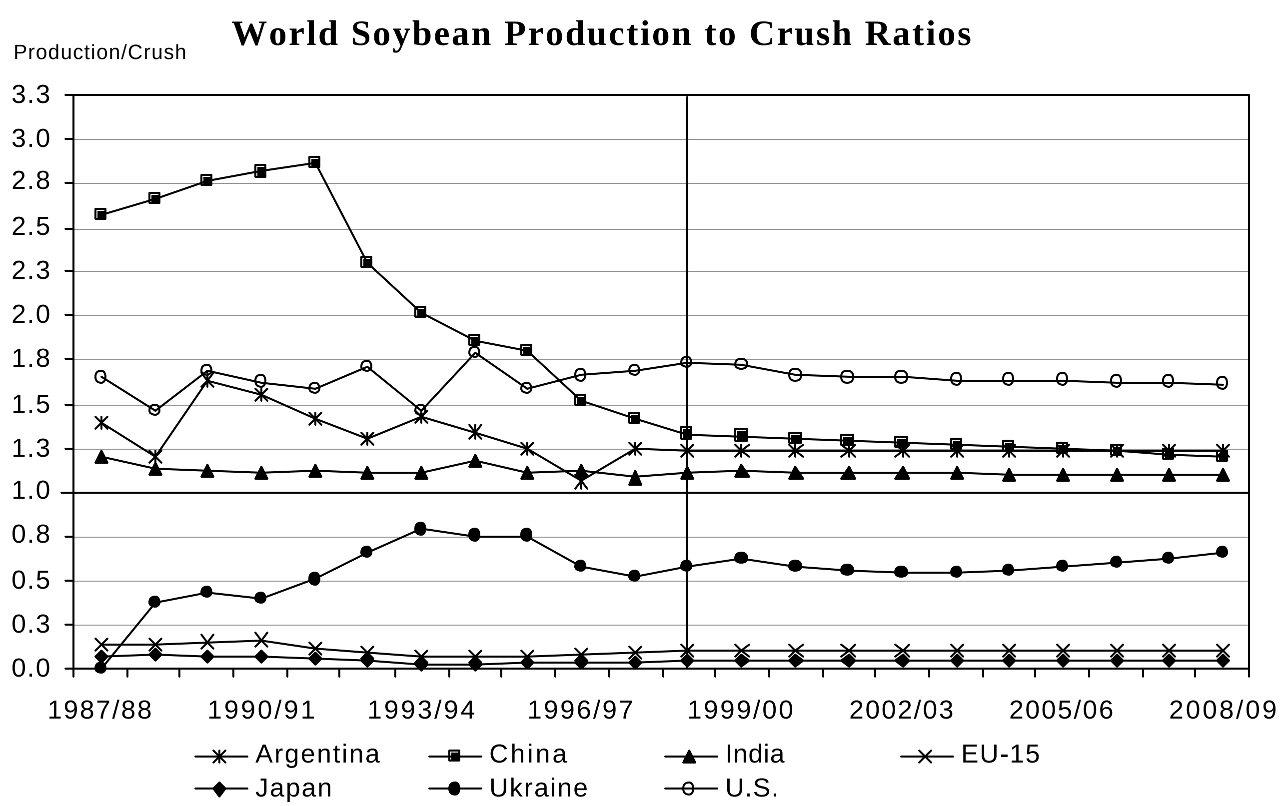
Major Soybean Exporters



Major Soybean Importers

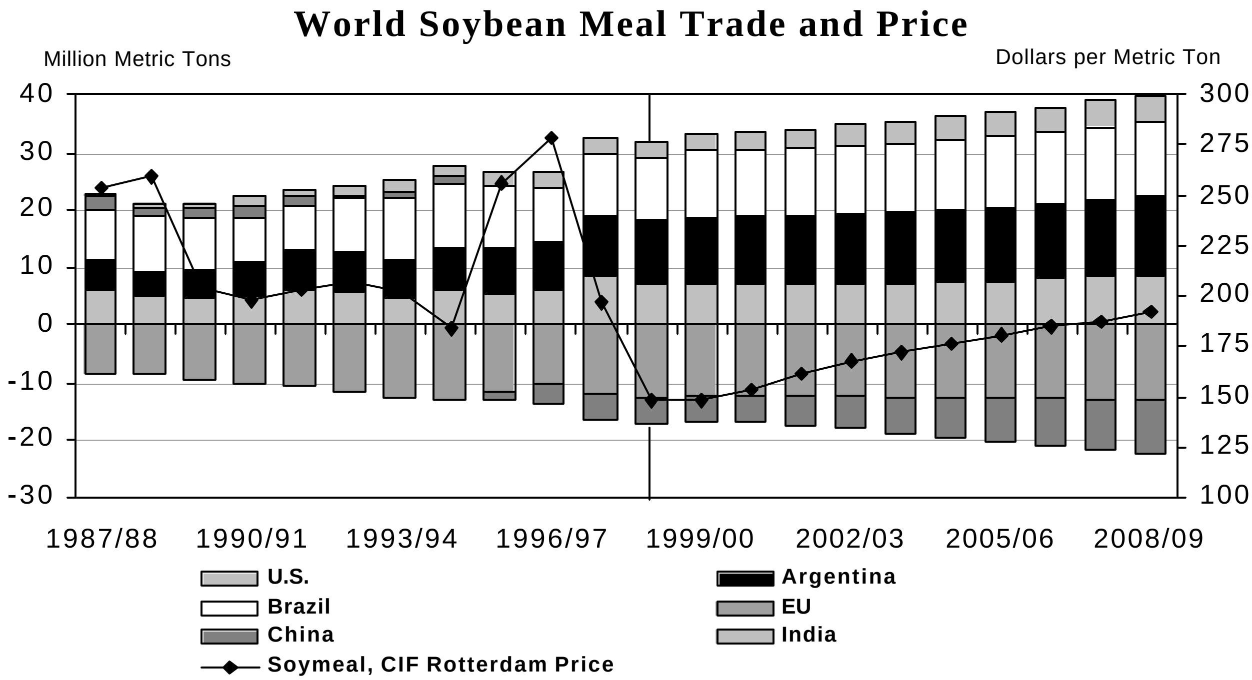


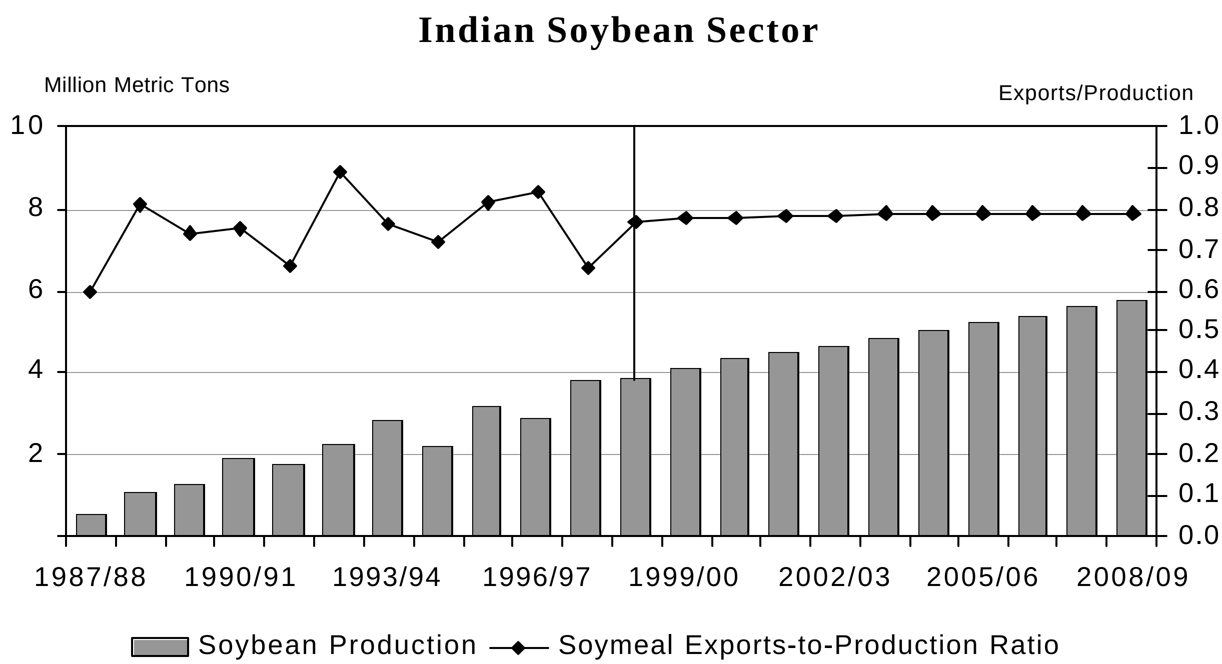

Soybean Stocks-to-Use Ratio Versus Price
Percent
Dollars per Metric Ton
16
14
12
10
8
6
4
2
0
350
320
290
260
230
200
170
140
110
80
50
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Stock-to-Use Ratio
Soybean, CIF Rotterdam Price

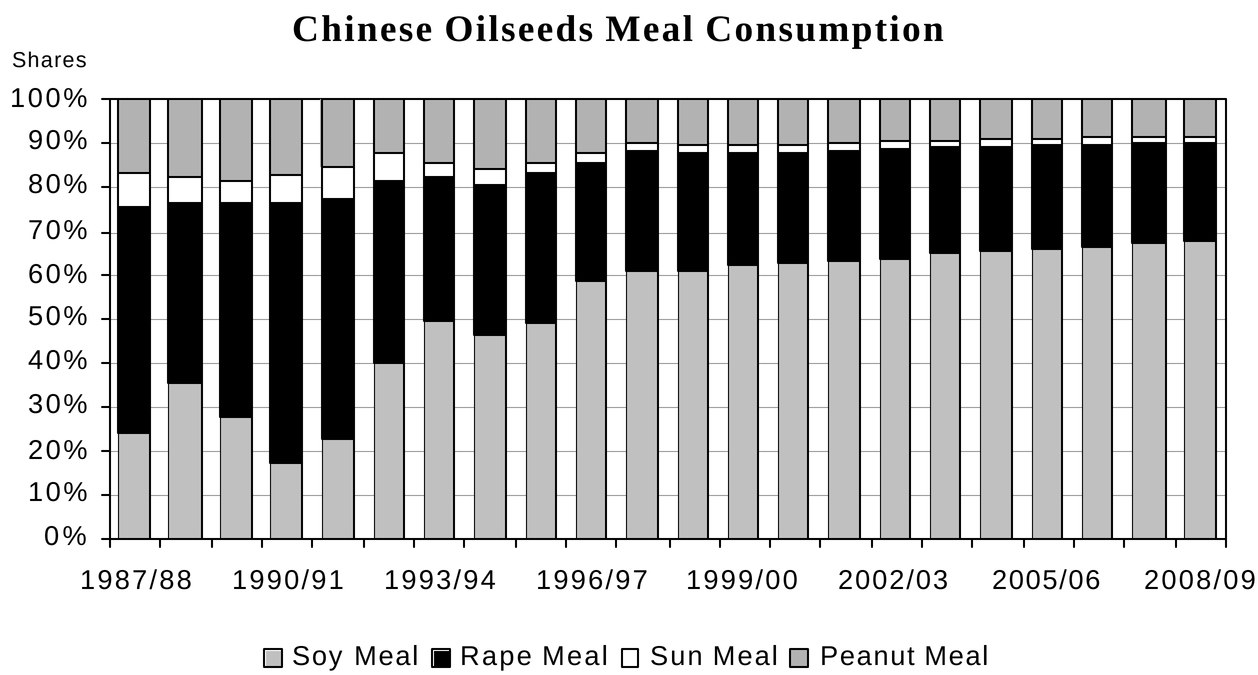

World Soybean Production to Crush Ratios
Production/Crush
3.3
3.0
2.8
2.5
2.3
2.0
1.8
1.5
1.3
1.0
0.8
0.5
0.3
0.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Argentina
China
India
EU-15
Japan
Ukraine
U.S.

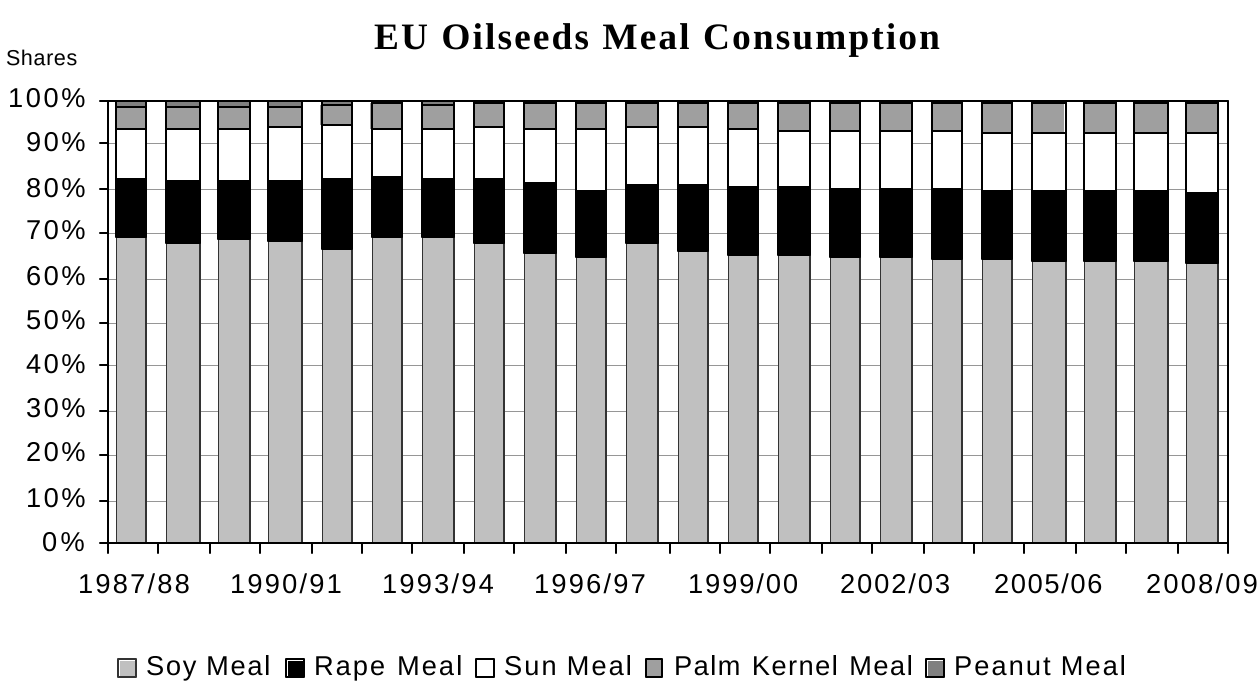
Soybean Meal Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Argentina	10,872	11,276	11,540	11,792	12,054	12,322	12,570	12,839	13,092	13,369	13,633
Brazil	10,625	11,527	11,291	11,479	11,619	11,878	12,077	12,298	12,531	12,792	13,055
India	2,950	3,214	3,363	3,510	3,663	3,814	3,967	4,118	4,268	4,414	4,563
Paraguay	390	414	430	445	465	484	503	526	547	573	596
United States	7,442	7,247	7,226	7,155	7,251	7,272	7,472	7,681	7,971	8,302	8,547
Total Net Exports	32,279	33,677	33,851	34,382	35,052	35,770	36,589	37,462	38,409	39,451	40,394
Net Importers											
Canada	485	470	541	587	627	634	593	573	579	585	550
Eastern Europe	2,070	2,096	2,142	2,178	2,210	2,240	2,272	2,305	2,339	2,374	2,410
European Union	12,849	12,336	12,406	12,494	12,483	12,580	12,656	12,715	12,792	12,920	12,963
Former Soviet Union	687	745	759	729	703	700	723	749	774	797	798
Russia	307	291	270	272	271	273	287	302	320	341	361
Ukraine	115	145	149	145	143	145	147	149	152	157	151
Other Former Soviet Union	265	309	340	312	288	283	289	298	302	299	285
Japan	800	877	855	832	797	752	728	698	665	640	608
Developing	5,482	5,602	5,637	6,158	6,814	7,366	8,028	8,745	9,449	10,199	11,000
China	4,390	4,450	4,485	4,966	5,570	6,183	6,799	7,445	8,086	8,724	9,396
Mexico	232	224	194	183	184	59	49	62	80	110	152
South Korea	850	925	945	988	1,032	1,088	1,139	1,193	1,234	1,310	1,389
Taiwan	10	2	12	21	28	35	41	45	49	56	63
Rest of World	10,521	10,801	10,762	10,655	10,669	10,747	10,839	10,927	11,062	11,187	11,316
Residual	-614	750	750	750	750	750	750	750	750	750	750
Total Net Imports	32,279	33,677	33,851	34,382	35,052	35,770	36,589	37,462	38,409	39,451	40,394
Prices					(U.S. Dollars per Metric Ton)						
FOB Decatur 44%	148	146	152	159	166	170	175	179	184	186	191
CIF Rotterdam	148	148	154	161	168	172	177	181	185	187	192


World Soybean Meal Trade and Price
Million Metric Tons
Dollars per Metric Ton
40
30
20
10
0
-10
-20
-30
300
275
250
225
200
175
150
125
100
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
U.S.
Brazil
China
Argentina
EU
India
Soymeal, CIF Rotterdam Price

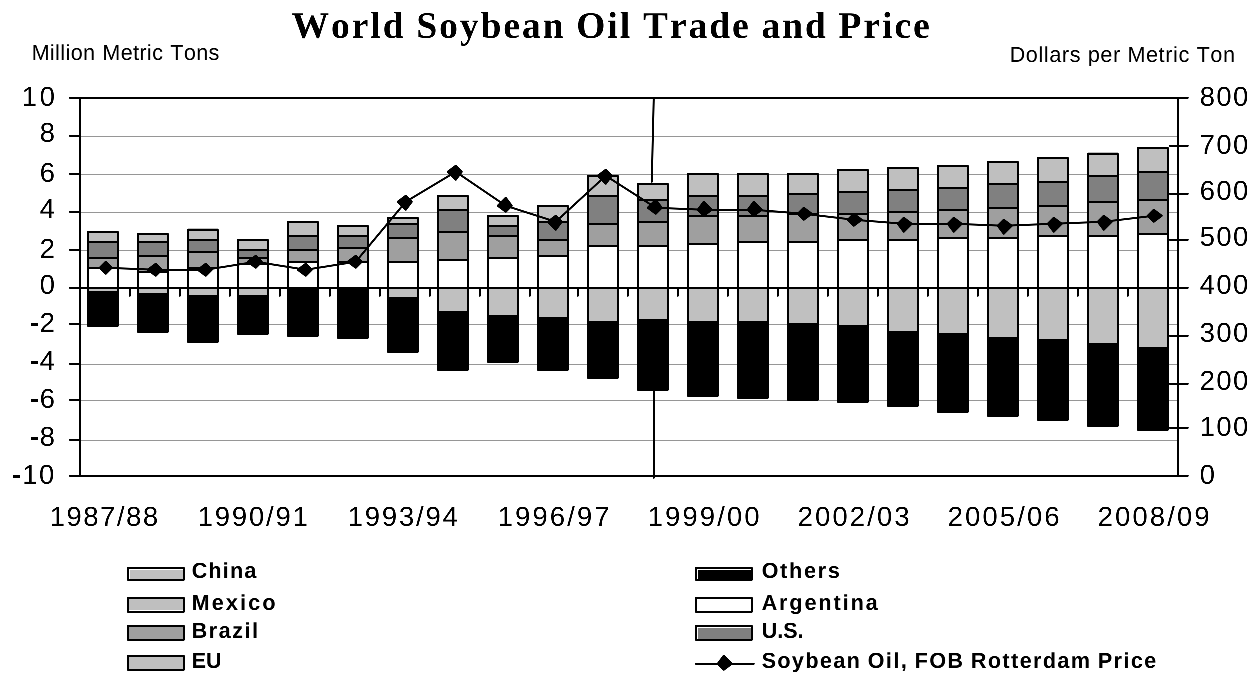

Indian Soybean Sector
Million Metric Tons
Exports/Production
10
8
6
4
2
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Soybean Production
Soymeal Exports-to-Production Ratio

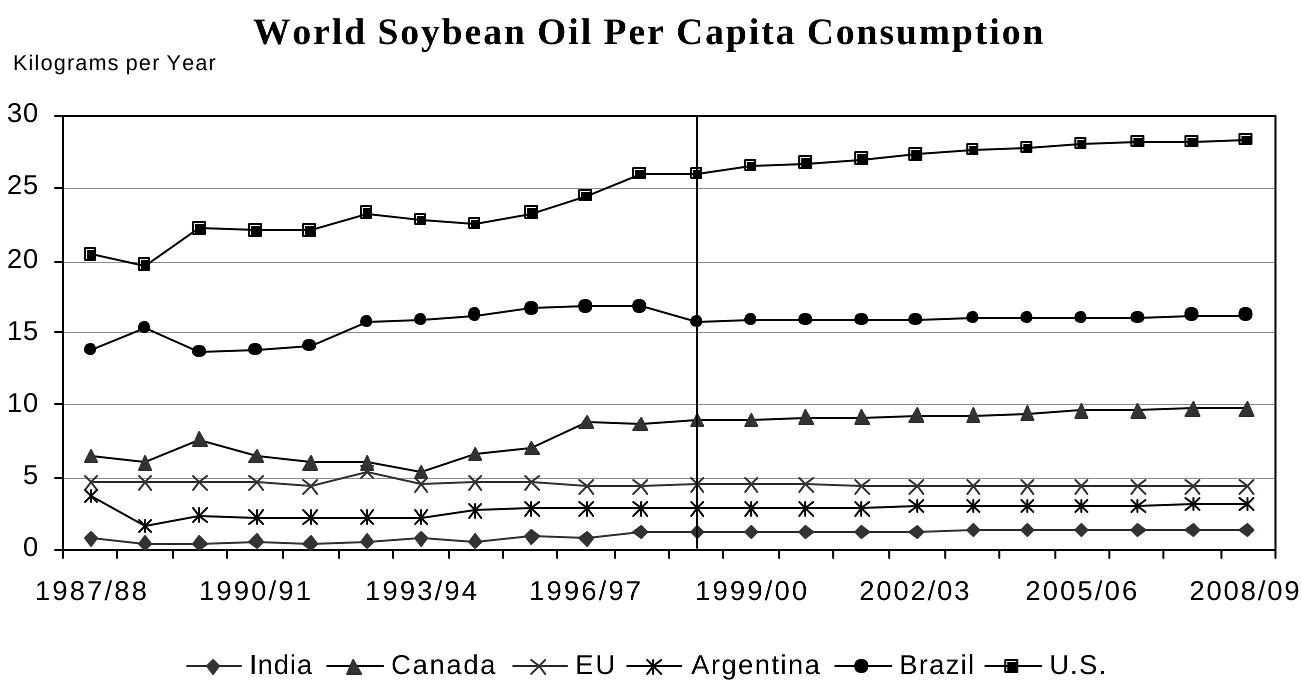

Chinese Oilseeds Meal Consumption
Shares
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Soy Meal
Rape Meal
Sun Meal
Peanut Meal


EU Oilseeds Meal Consumption
Shares
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Soy Meal
Rape Meal
Sun Meal
Palm Kernel Meal
Peanut Meal

Soybean Oil Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Argentina	2,228	2,319	2,376	2,429	2,485	2,542	2,596	2,654	2,709	2,770	2,824
Brazil	1,175	1,488	1,417	1,452	1,478	1,533	1,577	1,626	1,677	1,734	1,791
European Union	973	1,058	1,091	1,097	1,111	1,125	1,139	1,161	1,178	1,203	1,231
Paraguay	98	109	112	117	123	129	134	141	148	156	163
United States	1,197	1,066	1,069	1,054	1,083	1,104	1,153	1,207	1,279	1,365	1,466
Total Net Exports	5,671	6,040	6,064	6,149	6,280	6,432	6,598	6,789	6,991	7,228	7,476
Net Importers											
Canada	-20	-23	-24	-25	-25	-26	-27	-28	-29	-30	-31
Eastern Europe	107	120	120	121	121	123	124	125	126	127	128
Former Soviet Union	110	132	135	138	142	145	149	153	157	161	165
Russia	70	89	92	96	99	103	106	110	113	117	121
Ukraine	40	43	42	42	42	43	43	43	43	44	44
Other Former Soviet Union	0	0	0	0	0	0	0	0	0	0	0
Japan	6	26	26	28	30	31	33	34	36	38	39
Developing	2,134	2,229	2,306	2,421	2,578	2,751	2,937	3,150	3,375	3,633	3,905
China	1,700	1,803	1,858	1,959	2,096	2,246	2,405	2,588	2,780	2,985	3,204
India	250	204	209	217	226	233	240	247	255	264	275
Mexico	90	75	72	74	81	91	103	117	133	151	170
South Korea	74	96	101	110	119	128	137	146	156	167	177
Taiwan	20	51	65	60	56	52	52	51	52	66	80
Rest of World	3,520	3,707	3,712	3,736	3,764	3,799	3,832	3,865	3,897	3,929	3,959
Residual	-187	-150	-210	-270	-330	-390	-450	-510	-570	-630	-690
Total Net Imports	5,671	6,040	6,064	6,149	6,280	6,432	6,598	6,789	6,991	7,228	7,476
Prices					(U.S. Dollars per Metric Ton)						
FOB Decatur	542	540	539	531	520	510	509	507	511	517	526
FOB Rotterdam	571	566	564	555	543	533	532	529	533	540	550


World Soybean Oil Trade and Price
Million Metric Tons
Dollars per Metric Ton
10
8
6
4
2
0
-2
-4
-6
-8
-10
800
700
600
500
400
300
200
100
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
China
Mexico
Brazil
EU
Others
Argentina
U.S.
Soybean Oil, FOB Rotterdam Price


World Soybean Oil Per Capita Consumption
Kilograms per Year
30
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
India
Canada
EU
Argentina
Brazil
U.S.

World Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans						(Thousand Hectares)					
Area Harvested	70,570	71,642	71,157	71,358	72,052	72,591	72,961	73,603	74,077	74,802	75,358
						(Thousand Metric Tons)					
Production	154,762	158,998	159,034	161,322	164,458	167,418	170,014	173,177	176,012	179,386	182,430
Crush	128,921	133,457	135,831	138,150	140,644	143,213	145,681	148,411	151,048	153,920	156,859
Food Use	7,325	7,232	7,242	7,309	7,383	7,452	7,511	7,586	7,655	7,734	7,800
Other Use	14,119	14,690	14,831	15,011	15,220	15,423	15,634	15,859	16,098	16,347	16,603
Ending Stocks	11,932	13,267	13,262	13,537	13,336	13,199	12,999	12,858	12,662	12,565	12,338
Trade *	34,765	38,323	38,601	38,939	39,426	39,930	40,390	40,980	41,531	42,170	42,795
Soybean Meal											
Production	101,698	105,838	107,734	109,579	111,560	113,599	115,557	117,722	119,812	122,088	124,430
Consumption	102,440	105,020	106,941	108,879	110,869	112,888	114,848	117,004	119,078	121,341	123,694
Trade *	32,279	33,677	33,851	34,382	35,052	35,770	36,589	37,462	38,409	39,451	40,394
Soybean Oil											
Production	23,160	23,914	24,330	24,746	25,198	25,663	26,109	26,605	27,083	27,603	28,136
Consumption	23,484	24,078	24,515	24,976	25,481	26,011	26,531	27,085	27,636	28,220	28,816
Trade *											
						(Kilograms)					
Per Capita Consumption	3.92	3.96	3.98	3.99	4.02	4.05	4.08	4.11	4.19	4.28	4.37

* Excludes intraregional trade.

U.S. Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	28,653	29,017	28,086	27,803	28,005	28,046	27,924	28,086	28,046	28,248	28,289
					(Metric Tons per Hectare)						
Yield	2.62	2.63	2.68	2.72	2.76	2.80	2.84	2.88	2.92	2.95	2.99
					(Thousand Metric Tons)						
Production	75,033	76,340	75,088	75,632	77,238	78,435	79,333	80,803	81,864	83,443	84,668
Beginning Stocks	5,443	11,077	13,063	12,710	12,138	11,948	11,812	11,567	11,431	11,186	11,104
Domestic Supply	80,476	87,416	88,151	88,342	89,376	90,383	91,145	92,370	93,295	94,628	95,772
Crush	43,354	44,497	45,314	46,021	46,947	47,763	48,580	49,532	50,430	51,410	52,444
Seed, Residual	4,028	4,028	4,001	4,028	4,082	4,110	4,164	4,191	4,246	4,300	4,327
Ending Stocks	11,077	13,063	12,710	12,138	11,948	11,812	11,567	11,431	11,186	11,104	10,832
Domestic Use	58,459	61,589	62,024	62,188	62,950	63,684	64,310	65,154	65,862	66,814	67,603
Net Trade	22,017	25,828	26,127	26,181	26,426	26,671	26,862	27,188	27,433	27,842	28,168
Soybean Meal											
Production	34,258	35,229	35,876	36,434	37,158	37,810	38,457	39,218	39,922	40,706	41,519
Beginning Stocks	198	206	200	196	194	190	187	185	184	183	185
Domestic Supply	34,456	35,435	36,076	36,630	37,352	37,999	38,644	39,403	40,107	40,890	41,704
Consumption	26,808	27,988	28,654	29,281	29,912	30,540	30,986	31,538	31,953	32,403	32,973
Ending Stocks	206	200	196	194	190	187	185	184	183	185	183
Domestic Use	27,014	28,188	28,850	29,475	30,101	30,727	31,171	31,722	32,136	32,588	33,156
Net Trade	7,442	7,247	7,226	7,155	7,251	7,272	7,472	7,681	7,971	8,302	8,547
Soybean Oil											
Production	8,187	8,273	8,429	8,564	8,738	8,895	9,051	9,235	9,405	9,594	9,790
Beginning Stocks	627	613	609	637	680	727	769	801	835	859	880
Domestic Supply	8,814	8,886	9,038	9,201	9,418	9,623	9,821	10,035	10,239	10,453	10,669
Consumption	7,005	7,211	7,332	7,467	7,608	7,749	7,868	7,994	8,102	8,208	8,304
Ending Stocks	613	609	637	680	727	769	801	835	859	880	899
Domestic Use	7,618	7,820	7,969	8,147	8,335	8,518	8,668	8,828	8,961	9,087	9,203
Net Trade	1,197	1,066	1,069	1,054	1,083	1,104	1,153	1,207	1,279	1,365	1,466

Argentine Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans						(Thousand Hectares)					
Area Harvested	7,300	7,226	7,324	7,454	7,586	7,715	7,842	7,971	8,098	8,228	8,354
						(Metric Tons per Hectare)					
Yield	2.40	2.44	2.45	2.47	2.48	2.50	2.51	2.52	2.54	2.55	2.57
						(Thousand Metric Tons)					
Production	17,498	17,634	17,975	18,399	18,831	19,258	19,682	20,118	20,551	20,994	21,433
Beginning Stocks	300	300	398	398	386	374	362	349	337	324	312
Domestic Supply	17,798	17,934	18,373	18,797	19,217	19,632	20,044	20,467	20,888	21,318	21,745
Crush	14,200	14,264	14,606	14,935	15,277	15,628	15,956	16,310	16,646	17,013	17,345
Other Use	840	904	913	921	931	940	949	959	968	978	986
Ending Stocks	300	398	398	386	374	362	349	337	324	312	299
Domestic Use	15,340	15,566	15,917	16,243	16,582	16,930	17,254	17,606	17,938	18,303	18,631
Net Trade	2,450	2,368	2,456	2,554	2,635	2,701	2,790	2,861	2,950	3,015	3,115
Soybean Meal											
Production	11,295	11,721	11,990	12,248	12,516	12,791	13,046	13,323	13,584	13,869	14,140
Beginning Stocks	560	547	547	545	543	541	539	537	535	533	531
Domestic Supply	11,855	12,268	12,537	12,793	13,059	13,332	13,585	13,860	14,119	14,403	14,672
Consumption	436	445	451	457	464	471	478	486	494	503	510
Ending Stocks	547	547	545	543	541	539	537	535	533	531	529
Domestic Use	983	992	996	1,000	1,005	1,010	1,016	1,021	1,027	1,034	1,039
Net Trade	10,872	11,276	11,540	11,792	12,054	12,322	12,570	12,839	13,092	13,369	13,633
Soybean Oil											
Production	2,342	2,425	2,483	2,539	2,597	2,657	2,712	2,773	2,830	2,892	2,949
Beginning Stocks	120	131	132	133	135	136	138	138	139	140	140
Domestic Supply	2,462	2,556	2,615	2,672	2,732	2,793	2,850	2,911	2,969	3,032	3,089
Consumption	103	104	106	109	111	113	116	118	120	122	124
Ending Stocks	131	132	133	135	136	138	138	139	140	140	140
Domestic Use	234	237	240	243	247	251	254	257	260	262	265
Net Trade	2,228	2,319	2,376	2,429	2,485	2,542	2,596	2,654	2,709	2,770	2,824

Brazilian Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	12,800	13,058	12,935	12,961	13,062	13,197	13,320	13,444	13,576	13,720	13,865
					(Metric Tons per Hectare)						
Yield	2.31	2.37	2.37	2.40	2.42	2.45	2.47	2.49	2.51	2.53	2.55
					(Thousand Metric Tons)						
Production	29,500	30,971	30,634	31,153	31,607	32,273	32,851	33,466	34,089	34,747	35,414
Beginning Stocks	775	450	375	328	290	242	216	207	190	190	198
Domestic Supply	30,275	31,421	31,009	31,480	31,896	32,514	33,067	33,673	34,279	34,938	35,612
Crush	20,700	22,067	21,827	22,196	22,520	22,994	23,406	23,844	24,289	24,758	25,232
Other Use	1,675	1,722	1,760	1,798	1,835	1,873	1,911	1,948	1,986	2,024	2,061
Ending Stocks	450	375	328	290	242	216	207	190	190	198	195
Domestic Use	22,825	24,163	23,915	24,283	24,597	25,083	25,524	25,983	26,465	26,979	27,489
Net Trade	7,450	7,257	7,094	7,197	7,300	7,431	7,543	7,690	7,814	7,958	8,123
Soybean Meal											
Production	16,270	17,344	17,156	17,446	17,700	18,073	18,397	18,742	19,091	19,459	19,833
Beginning Stocks	392	287	295	282	269	260	255	251	249	250	255
Domestic Supply	16,662	17,631	17,450	17,728	17,970	18,333	18,652	18,992	19,340	19,709	20,088
Consumption	5,750	5,810	5,878	5,979	6,091	6,200	6,324	6,444	6,560	6,662	6,775
Ending Stocks	287	295	282	269	260	255	251	249	250	255	258
Domestic Use	6,037	6,105	6,159	6,248	6,351	6,455	6,574	6,694	6,809	6,917	7,033
Net Trade	10,625	11,527	11,291	11,479	11,619	11,878	12,077	12,298	12,531	12,792	13,055
Soybean Oil											
Production	3,858	4,108	4,064	4,132	4,193	4,281	4,358	4,439	4,522	4,609	4,698
Beginning Stocks	220	343	350	350	350	350	351	351	351	351	351
Domestic Supply	4,078	4,451	4,414	4,483	4,543	4,631	4,708	4,790	4,873	4,960	5,049
Consumption	2,560	2,613	2,647	2,681	2,714	2,748	2,781	2,813	2,845	2,876	2,906
Ending Stocks	343	350	350	350	350	351	351	351	351	351	351
Domestic Use	2,903	2,963	2,997	3,031	3,065	3,099	3,132	3,164	3,196	3,227	3,257
Net Trade	1,175	1,488	1,417	1,452	1,478	1,533	1,577	1,626	1,677	1,734	1,791

Canadian Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	980	1,003	1,016	1,031	1,044	1,055	1,067	1,079	1,093	1,104	1,114
					(Metric Tons per Hectare)						
Yield	2.81	2.81	2.85	2.89	2.92	2.94	2.97	2.99	3.02	3.04	3.04
					(Thousand Metric Tons)						
Production	2,750	2,822	2,896	2,980	3,049	3,097	3,171	3,226	3,303	3,355	3,386
Beginning Stocks	107	107	116	106	94	85	79	69	62	52	46
Domestic Supply	2,857	2,929	3,011	3,086	3,143	3,182	3,250	3,295	3,365	3,406	3,431
Crush	1,800	1,835	1,872	1,910	1,948	1,986	2,024	2,062	2,100	2,138	2,176
Other Use	500	529	546	564	582	596	612	628	646	661	674
Ending Stocks	107	116	106	94	85	79	69	62	52	46	42
Domestic Use	2,407	2,479	2,524	2,569	2,615	2,661	2,705	2,752	2,797	2,845	2,892
Net Trade	450	450	487	517	528	521	544	544	568	562	540
Soybean Meal											
Production	1,422	1,459	1,489	1,520	1,550	1,580	1,610	1,640	1,670	1,701	1,731
Beginning Stocks	5	5	5	5	5	5	5	5	5	5	5
Domestic Supply	1,427	1,464	1,494	1,525	1,555	1,585	1,615	1,645	1,675	1,706	1,736
Consumption	1,907	1,930	2,031	2,106	2,177	2,214	2,203	2,213	2,249	2,285	2,280
Ending Stocks	5	5	5	5	5	5	5	5	5	5	5
Domestic Use	1,912	1,935	2,036	2,111	2,182	2,219	2,208	2,218	2,254	2,290	2,285
Net Trade	-485	-470	-541	-587	-627	-634	-593	-573	-579	-585	-550
Soybean Oil											
Production	297	304	310	316	322	329	335	341	348	354	360
Beginning Stocks	9	9	9	9	9	9	10	10	10	9	9
Domestic Supply	306	313	319	325	332	338	345	351	357	363	369
Consumption	277	280	286	291	297	302	308	313	319	324	330
Ending Stocks	9	9	9	9	9	10	10	10	9	9	8
Domestic Use	286	289	295	300	306	312	317	323	328	333	338
Net Trade	20	23	24	25	25	26	27	28	29	30	31

Chinese Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans						(Thousand Hectares)					
Area Harvested	8,000	8,280	8,501	8,566	8,578	8,583	8,569	8,582	8,584	8,619	8,638
						(Metric Tons per Hectare)					
Yield	1.69	1.71	1.75	1.77	1.79	1.80	1.82	1.84	1.85	1.87	1.89
						(Thousand Metric Tons)					
Production	13,500	14,119	14,915	15,176	15,315	15,469	15,631	15,770	15,923	16,099	16,313
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	13,500	14,119	14,915	15,176	15,315	15,469	15,631	15,770	15,923	16,099	16,313
Crush	10,130	10,700	11,417	11,733	11,959	12,200	12,451	12,687	12,938	13,212	13,521
Food Use	5,670	5,556	5,559	5,616	5,676	5,731	5,777	5,839	5,894	5,958	6,010
Other Use	1,120	1,211	1,285	1,332	1,359	1,373	1,379	1,384	1,386	1,392	1,397
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	16,920	17,468	18,261	18,680	18,993	19,304	19,607	19,909	20,219	20,562	20,928
Net Trade	-3,420	-3,349	-3,346	-3,504	-3,678	-3,834	-3,976	-4,140	-4,296	-4,463	-4,616
Soybean Meal											
Production	8,104	8,560	9,133	9,386	9,567	9,760	9,960	10,149	10,350	10,569	10,817
Beginning Stocks	683	683	683	683	683	683	683	683	683	683	683
Domestic Supply	8,787	9,243	9,816	10,069	10,250	10,443	10,643	10,832	11,033	11,252	11,500
Feed Use	12,494	13,011	13,619	14,352	15,137	15,943	16,759	17,594	18,436	19,293	20,213
Ending Stocks	683	683	683	683	683	683	683	683	683	683	683
Domestic Use	13,177	13,694	14,302	15,035	15,820	16,626	17,442	18,277	19,119	19,976	20,896
Net Trade	-4,390	-4,450	-4,485	-4,966	-5,570	-6,183	-6,799	-7,445	-8,086	-8,724	-9,396
Soybean Oil											
Production	1,621	1,712	1,827	1,877	1,913	1,952	1,992	2,030	2,070	2,114	2,163
Beginning Stocks	540	361	361	361	361	361	361	361	361	361	361
Domestic Supply	2,161	2,074	2,188	2,239	2,275	2,313	2,354	2,391	2,432	2,475	2,525
Consumption	3,500	3,515	3,685	3,836	4,009	4,198	4,397	4,618	4,850	5,099	5,367
Ending Stocks	361	361	361	361	361	361	361	361	361	361	361
Domestic Use	3,861	3,877	4,046	4,198	4,371	4,559	4,759	4,979	5,211	5,460	5,729
Net Trade	-1,700	-1,803	-1,858	-1,959	-2,096	-2,246	-2,405	-2,588	-2,780	-2,985	-3,204

Paraguayan Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans						(Thousand Hectares)					
Area Harvested	1,200	1,217	1,230	1,248	1,270	1,291	1,312	1,334	1,355	1,378	1,399
						(Metric Tons per Hectare)					
Yield	2.58	2.60	2.62	2.64	2.66	2.69	2.71	2.73	2.75	2.77	2.79
						(Thousand Metric Tons)					
Production	3,100	3,163	3,225	3,299	3,383	3,468	3,552	3,640	3,728	3,819	3,910
Beginning Stocks	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Domestic Supply	3,099	3,162	3,225	3,299	3,382	3,467	3,551	3,639	3,727	3,819	3,909
Crush	600	654	681	706	738	770	801	838	874	916	953
Other Use	100	100	100	99	99	100	100	101	101	102	102
Ending Stocks	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Domestic Use	699	753	780	804	836	869	900	938	974	1,017	1,055
Net Trade	2,400	2,409	2,445	2,495	2,546	2,598	2,651	2,701	2,753	2,802	2,854
Soybean Meal											
Production	475	503	524	544	568	593	617	646	673	705	734
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	475	503	524	544	568	593	617	646	673	705	734
Consumption	85	89	94	98	103	108	114	120	126	132	138
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	85	89	94	98	103	108	114	120	126	132	138
Net Trade	390	414	430	445	465	484	503	526	547	573	596
Soybean Oil											
Production	113	124	129	134	140	146	152	159	166	174	181
Beginning Stocks	9	8	8	8	8	8	8	8	8	8	8
Domestic Supply	122	132	137	142	148	154	160	168	174	182	189
Consumption	15	16	17	17	18	18	18	18	18	18	19
Ending Stocks	8	8	8	8	8	8	8	8	8	8	8
Domestic Use	23	24	26	26	26	26	26	26	26	27	27
Net Trade	98	109	112	117	123	129	134	141	148	156	163

Eastern European Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	268	270	270	271	273	276	280	284	290	295	302
					(Metric Tons per Hectare)						
Yield	1.71	1.74	1.77	1.79	1.82	1.84	1.87	1.89	1.92	1.94	1.97
					(Thousand Metric Tons)						
Production	459	469	476	486	496	508	522	537	556	573	594
Beginning Stocks	8	10	12	14	16	18	20	22	24	26	28
Domestic Supply	467	479	488	500	512	526	542	559	580	599	622
Crush	560	569	587	611	637	666	696	729	764	800	838
Other Use	45	50	55	60	65	70	75	80	85	90	95
Ending Stocks	10	12	14	16	18	20	22	24	26	28	30
Domestic Use	615	631	656	687	720	756	793	833	875	918	963
Net Trade	-148	-152	-168	-187	-208	-230	-251	-274	-296	-319	-342
Soybean Meal											
Production	361	387	401	420	440	462	486	511	538	567	596
Beginning Stocks	30	60	62	63	64	66	67	68	69	71	72
Domestic Supply	391	447	463	482	504	528	553	579	608	637	668
Consumption	2,401	2,481	2,542	2,596	2,649	2,701	2,757	2,815	2,876	2,940	3,006
Ending Stocks	60	62	63	64	66	67	68	69	71	72	73
Domestic Use	2,461	2,543	2,605	2,660	2,714	2,768	2,825	2,885	2,947	3,011	3,078
Net Trade	-2,070	-2,096	-2,142	-2,178	-2,210	-2,240	-2,272	-2,305	-2,339	-2,374	-2,410
Soybean Oil											
Production	95	99	102	106	111	115	121	126	133	139	145
Beginning Stocks	14	11	12	13	14	15	16	17	18	19	20
Domestic Supply	109	110	114	119	125	130	137	143	151	158	165
Consumption	207	219	223	228	233	239	246	252	259	267	275
Ending Stocks	11	12	13	14	15	16	17	18	19	20	21
Domestic Use	218	231	236	242	248	255	263	270	278	287	296
Net Trade	-107	-120	-120	-121	-121	-123	-124	-125	-126	-127	-128

European Union Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	533	517	516	517	518	520	524	528	534	539	548
					(Metric Tons per Hectare)						
Yield	3.26	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.47	3.48
					(Thousand Metric Tons)						
Production	1,738	1,760	1,760	1,769	1,779	1,788	1,808	1,825	1,851	1,873	1,908
Beginning Stocks	820	884	940	924	905	893	887	873	866	853	848
Domestic Supply	2,558	2,644	2,700	2,693	2,685	2,682	2,695	2,698	2,717	2,726	2,756
Crush	15,700	16,291	16,469	16,514	16,615	16,713	16,813	16,966	17,102	17,287	17,476
Other Use	1,252	1,291	1,288	1,285	1,282	1,280	1,276	1,274	1,271	1,269	1,265
Ending Stocks	884	940	924	905	893	887	873	866	853	848	832
Domestic Use	17,836	18,522	18,682	18,704	18,789	18,880	18,962	19,106	19,225	19,404	19,572
Net Trade	-15,278	-15,879	-15,982	-16,011	-16,105	-16,199	-16,267	-16,407	-16,508	-16,678	-16,816
Soybean Meal											
Production	12,221	12,696	12,843	12,888	12,976	13,062	13,150	13,279	13,395	13,549	13,707
Beginning Stocks	923	985	998	996	994	991	990	988	987	985	985
Domestic Supply	13,144	13,681	13,842	13,884	13,969	14,054	14,139	14,267	14,381	14,535	14,692
Consumption	25,008	25,019	25,251	25,385	25,461	25,644	25,807	25,996	26,188	26,470	26,672
Ending Stocks	985	998	996	994	991	990	988	987	985	985	983
Domestic Use	25,993	26,017	26,247	26,378	26,452	26,634	26,796	26,982	27,173	27,455	27,654
Net Trade	-12,849	-12,336	-12,406	-12,494	-12,483	-12,580	-12,656	-12,715	-12,792	-12,920	-12,963
Soybean Oil											
Production	2,821	2,930	2,964	2,974	2,995	3,015	3,035	3,064	3,091	3,127	3,163
Beginning Stocks	160	148	141	138	136	134	132	130	128	125	122
Domestic Supply	2,981	3,078	3,105	3,113	3,131	3,149	3,167	3,194	3,219	3,251	3,285
Consumption	1,860	1,879	1,875	1,879	1,885	1,892	1,898	1,906	1,915	1,926	1,935
Ending Stocks	148	141	138	136	134	132	130	128	125	122	119
Domestic Use	2,008	2,020	2,013	2,015	2,020	2,024	2,028	2,033	2,040	2,048	2,054
Net Trade	973	1,058	1,091	1,097	1,111	1,125	1,139	1,161	1,178	1,203	1,231

Russian Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	440	450	459	467	474	480	485	489	492	494	495
					(Metric Tons per Hectare)						
Yield	0.68	0.68	0.68	0.69	0.70	0.71	0.72	0.73	0.75	0.77	0.79
					(Thousand Metric Tons)						
Production	300	307	314	322	330	339	349	359	370	381	393
Beginning Stocks	13	8	10	9	9	9	9	8	8	8	8
Domestic Supply	313	315	324	331	339	348	358	368	378	389	401
Crush	380	384	408	431	455	478	502	525	549	573	597
Other Use	40	45	47	49	51	52	54	55	56	57	58
Ending Stocks	8	10	9	9	9	9	8	8	8	8	8
Domestic Use	428	438	465	489	514	539	564	588	613	638	663
Net Trade	-115	-123	-141	-158	-175	-191	-206	-221	-235	-249	-262
Soybean Meal											
Production	295	299	318	336	355	373	391	410	428	447	466
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	295	299	318	336	355	373	391	410	428	447	466
Consumption	602	590	589	609	626	645	678	712	748	787	827
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	602	590	589	609	626	645	678	712	748	787	827
Net Trade	-307	-291	-270	-272	-271	-273	-287	-302	-320	-341	-361
Soybean Oil											
Production	50	50	53	56	59	62	65	68	71	74	78
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	50	50	53	56	59	62	65	68	71	74	78
Consumption	120	139	145	152	158	165	171	178	185	191	198
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	120	139	145	152	158	165	171	178	185	191	198
Net Trade	-70	-89	-92	-96	-99	-103	-106	-110	-113	-117	-121

Ukrainian Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	20	21	23	25	28	30	33	37	41	45	49
					(Metric Tons per Hectare)						
Yield	1.00	1.01	1.01	1.02	1.04	1.05	1.07	1.09	1.11	1.14	1.16
					(Thousand Metric Tons)						
Production	20	21	23	26	28	32	36	40	45	51	57
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	20	22	23	26	29	32	36	40	45	51	57
Crush	35	35	41	47	53	58	64	70	75	81	86
Other Use	5	5	6	7	8	9	10	11	12	13	15
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	40	40	47	54	60	67	74	81	87	94	101
Net Trade	-20	-19	-23	-28	-32	-35	-38	-40	-42	-43	-44
Soybean Meal											
Production	28	28	33	37	42	47	51	56	60	65	69
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	28	28	33	37	42	47	51	56	60	65	69
Consumption	143	173	182	182	185	192	198	205	213	221	220
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	143	173	182	182	185	192	198	205	213	221	220
Net Trade	-115	-145	-149	-145	-143	-145	-147	-149	-152	-157	-151
Soybean Oil											
Production	6	6	7	8	9	10	11	12	13	14	15
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	6	6	7	8	9	10	11	12	13	14	15
Consumption	46	48	49	50	51	53	54	55	56	58	59
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	46	48	49	50	51	53	54	55	56	58	59
Net Trade	-40	-43	-42	-42	-42	-43	-43	-43	-43	-44	-44

Other Former Soviet Union Soybean Sector
Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	37	37	38	38	40	41	43	44	46	48	50
					(Metric Tons per Hectare)						
Yield	1.05	1.05	1.06	1.06	1.06	1.07	1.07	1.08	1.09	1.10	1.11
					(Thousand Metric Tons)						
Production	39	39	40	41	42	44	46	48	50	53	56
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	39	39	40	41	42	44	46	48	50	53	56
Crush	310	319	320	321	322	324	325	326	328	329	331
Other Use	6	6	6	6	6	6	7	7	7	7	8
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	316	325	326	327	329	330	332	333	335	337	338
Net Trade	-277	-286	-287	-287	-287	-286	-286	-285	-284	-283	-282
Soybean Meal											
Production	249	257	257	258	259	260	261	263	264	265	266
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	249	257	257	258	259	260	261	263	264	265	266
Consumption	514	566	597	571	548	543	551	561	565	564	551
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	514	566	597	571	548	543	551	561	565	564	551
Net Trade	-265	-309	-340	-312	-288	-283	-289	-298	-302	-299	-285
Soybean Oil											
Production	57	58	59	59	59	59	60	60	60	60	61
Beginning Stocks	11	11	11	11	11	11	11	11	11	11	11
Domestic Supply	68	70	70	70	71	71	71	71	72	72	72
Consumption	57	59	59	59	59	60	60	60	60	61	61
Ending Stocks	11	11	11	11	11	11	11	11	11	11	11
Domestic Use	68	70	70	71	71	71	71	72	72	72	72
Net Trade	0	0	0	0	0	0	0	0	0	0	0

Japanese Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	100	99	97	96	95	94	93	92	91	91	90
					(Metric Tons per Hectare)						
Yield	1.75	1.75	1.75	1.77	1.78	1.79	1.80	1.81	1.82	1.84	1.85
					(Thousand Metric Tons)						
Production	175	173	171	169	169	168	167	167	167	167	166
Beginning Stocks	633	543	547	544	541	538	535	532	529	526	524
Domestic Supply	808	716	718	713	710	706	703	699	696	693	690
Crush	3,650	3,617	3,615	3,615	3,621	3,627	3,631	3,636	3,640	3,646	3,651
Food Use	985	989	992	997	1,004	1,011	1,017	1,023	1,030	1,036	1,043
Other Use	330	330	330	330	330	330	330	330	330	330	330
Ending Stocks	543	547	544	541	538	535	532	529	526	524	520
Domestic Use	5,508	5,483	5,482	5,483	5,493	5,504	5,510	5,518	5,526	5,535	5,543
Net Trade	-4,700	-4,767	-4,764	-4,770	-4,784	-4,798	-4,807	-4,819	-4,830	-4,842	-4,854
Soybean Meal											
Production	2,847	2,821	2,820	2,820	2,824	2,829	2,832	2,836	2,839	2,844	2,847
Beginning Stocks	273	270	278	277	275	274	273	272	271	270	269
Domestic Supply	3,120	3,091	3,099	3,097	3,100	3,103	3,105	3,108	3,111	3,113	3,117
Consumption	3,650	3,689	3,677	3,653	3,622	3,582	3,562	3,535	3,506	3,484	3,457
Ending Stocks	270	278	277	275	274	273	272	271	270	269	267
Domestic Use	3,920	3,968	3,954	3,928	3,896	3,856	3,834	3,806	3,776	3,753	3,725
Net Trade	-800	-877	-855	-832	-797	-752	-728	-698	-665	-640	-608
Soybean Oil											
Production	664	651	651	651	652	653	654	654	655	656	657
Beginning Stocks	20	20	20	20	20	20	20	20	20	20	20
Domestic Supply	684	671	671	671	672	673	674	674	675	676	677
Consumption	670	677	677	678	682	684	686	689	691	694	696
Ending Stocks	20	20	20	20	20	20	20	20	20	20	20
Domestic Use	690	697	697	698	702	704	706	709	711	714	716
Net Trade	-6	-26	-26	-28	-30	-31	-33	-34	-36	-38	-39

Indian Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	6,100	6,218	6,355	6,505	6,662	6,824	6,984	7,140	7,291	7,437	7,579
					(Metric Tons per Hectare)						
Yield	0.90	0.94	0.95	0.97	0.98	0.99	1.01	1.02	1.03	1.05	1.06
					(Thousand Metric Tons)						
Production	5,502	5,846	6,053	6,281	6,522	6,771	7,023	7,277	7,530	7,782	8,034
Beginning Stocks	56	36	58	55	52	49	47	44	41	38	36
Domestic Supply	5,558	5,882	6,111	6,336	6,574	6,820	7,069	7,320	7,571	7,821	8,069
Crush	4,960	5,247	5,472	5,689	5,913	6,144	6,379	6,614	6,847	7,078	7,307
Other Use	560	577	584	595	612	629	647	665	685	706	730
Ending Stocks	36	58	55	52	49	47	44	41	38	36	33
Domestic Use	5,556	5,882	6,111	6,336	6,574	6,820	7,069	7,320	7,571	7,821	8,069
Net Trade	0	0	0	0	0	0	0	0	0	0	0
Soybean Meal											
Production	3,840	4,145	4,323	4,494	4,671	4,854	5,039	5,225	5,409	5,592	5,772
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	3,840	4,145	4,323	4,494	4,671	4,854	5,039	5,225	5,409	5,592	5,772
Consumption	890	931	960	984	1,008	1,040	1,073	1,107	1,141	1,178	1,209
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	890	931	960	984	1,008	1,040	1,073	1,107	1,141	1,178	1,209
Net Trade	2,950	3,214	3,363	3,510	3,663	3,814	3,967	4,118	4,268	4,414	4,563
Soybean Oil											
Production	876	945	985	1,024	1,064	1,106	1,148	1,191	1,232	1,274	1,315
Beginning Stocks	30	30	30	30	30	30	30	30	30	30	30
Domestic Supply	906	975	1,015	1,054	1,094	1,136	1,178	1,221	1,262	1,304	1,345
Consumption	1,126	1,148	1,194	1,241	1,290	1,339	1,388	1,437	1,488	1,538	1,590
Ending Stocks	30	30	30	30	30	30	30	30	30	30	30
Domestic Use	1,156	1,178	1,224	1,271	1,320	1,369	1,418	1,467	1,518	1,568	1,620
Net Trade	-250	-204	-209	-217	-226	-233	-240	-247	-255	-264	-275

Mexican Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans						(Thousand Hectares)					
Area Harvested	120	123	123	123	122	121	119	118	117	116	116
						(Metric Tons per Hectare)					
Yield	1.46	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55
						(Thousand Metric Tons)					
Production	175	180	181	182	182	181	180	180	179	179	179
Beginning Stocks	135	135	130	125	120	115	110	105	100	95	90
Domestic Supply	310	315	311	307	302	296	290	285	279	274	269
Crush	3,575	3,747	3,867	3,968	4,054	4,127	4,191	4,249	4,302	4,352	4,399
Other Use	70	70	70	70	70	70	70	70	70	70	70
Ending Stocks	135	130	125	120	115	110	105	100	95	90	85
Domestic Use	3,780	3,947	4,062	4,158	4,239	4,307	4,366	4,419	4,467	4,512	4,554
Net Trade	-3,470	-3,632	-3,751	-3,851	-3,937	-4,011	-4,076	-4,134	-4,188	-4,238	-4,285
Soybean Meal											
Production	2,967	3,110	3,210	3,294	3,365	3,425	3,479	3,526	3,570	3,612	3,651
Beginning Stocks	150	150	150	150	150	150	150	150	150	150	150
Domestic Supply	3,117	3,260	3,360	3,444	3,515	3,575	3,629	3,676	3,720	3,762	3,801
Consumption	3,199	3,334	3,404	3,477	3,548	3,484	3,528	3,589	3,650	3,722	3,803
Ending Stocks	150	150	150	150	150	150	150	150	150	150	150
Domestic Use	3,349	3,484	3,554	3,627	3,698	3,634	3,678	3,739	3,800	3,872	3,953
Net Trade	-232	-224	-194	-183	-184	-59	-49	-62	-80	-110	-152
Soybean Oil											
Production	607	637	657	675	689	702	712	722	731	740	748
Beginning Stocks	7	7	7	6	6	5	5	4	4	3	3
Domestic Supply	614	644	664	681	695	707	717	726	735	743	750
Consumption	697	712	730	749	771	793	816	840	865	891	919
Ending Stocks	7	7	6	6	5	5	4	4	3	3	2
Domestic Use	704	719	736	755	776	798	820	843	868	893	921
Net Trade	-90	-75	-72	-74	-81	-91	-103	-117	-133	-151	-170

South Korean Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	100	99	99	98	98	98	98	98	97	97	97
					(Metric Tons per Hectare)						
Yield	1.60	1.60	1.61	1.61	1.62	1.62	1.62	1.63	1.63	1.63	1.63
					(Thousand Metric Tons)						
Production	160	159	158	158	158	158	159	159	159	159	159
Beginning Stocks	136	160	172	179	180	178	178	178	178	179	180
Domestic Supply	296	319	331	337	338	337	337	337	337	338	339
Crush	1,100	1,124	1,134	1,138	1,138	1,139	1,142	1,146	1,151	1,153	1,162
Food Use	400	410	414	418	423	427	431	434	438	442	446
Other Use	36	36	36	36	36	36	36	36	36	36	36
Ending Stocks	160	172	179	180	178	178	178	178	179	180	183
Domestic Use	1,696	1,742	1,763	1,772	1,775	1,780	1,787	1,795	1,804	1,812	1,827
Net Trade	-1,400	-1,423	-1,432	-1,435	-1,436	-1,444	-1,450	-1,458	-1,467	-1,473	-1,487
Soybean Meal											
Production	880	899	907	910	910	911	914	917	920	922	930
Beginning Stocks	336	267	274	263	256	240	229	216	204	193	186
Domestic Supply	1,216	1,166	1,181	1,173	1,166	1,152	1,142	1,132	1,125	1,116	1,116
Consumption	1,790	1,817	1,863	1,905	1,958	2,012	2,065	2,121	2,166	2,239	2,329
Ending Stocks	267	274	263	256	240	229	216	204	193	186	176
Domestic Use	2,057	2,092	2,126	2,161	2,198	2,240	2,281	2,325	2,359	2,425	2,505
Net Trade	-850	-925	-945	-988	-1,032	-1,088	-1,139	-1,193	-1,234	-1,310	-1,389
Soybean Oil											
Production	187	191	193	193	193	194	194	195	196	196	198
Beginning Stocks	39	27	27	27	27	27	27	27	27	27	27
Domestic Supply	226	218	220	220	220	221	221	222	223	223	225
Consumption	283	287	294	303	312	322	331	341	352	363	374
Ending Stocks	27	27	27	27	27	27	27	27	27	27	27
Domestic Use	310	314	321	330	339	349	358	368	379	390	401
Net Trade	-74	-96	-101	-110	-119	-128	-137	-146	-156	-167	-177

Taiwanese Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	1	1	1	1	1	1	1	1	1	1	1
					(Metric Tons per Hectare)						
Yield	2.00	2.01	2.03	2.04	2.06	2.07	2.09	2.10	2.12	2.13	2.14
					(Thousand Metric Tons)						
Production	2	2	2	2	2	2	2	2	2	2	2
Beginning Stocks	132	149	156	153	149	146	144	141	138	135	132
Domestic Supply	134	151	158	155	151	148	146	143	140	137	134
Crush	2,100	2,109	2,144	2,181	2,216	2,251	2,282	2,308	2,331	2,357	2,385
Food Use	270	277	277	278	280	283	286	289	293	297	302
Other Use	15	16	16	17	17	18	18	19	19	20	20
Ending Stocks	149	156	153	149	146	144	141	138	135	132	129
Domestic Use	2,534	2,556	2,589	2,625	2,660	2,695	2,726	2,753	2,778	2,805	2,835
Net Trade	-2,400	-2,405	-2,431	-2,470	-2,509	-2,546	-2,580	-2,611	-2,638	-2,668	-2,701
Soybean Meal											
Production	1,655	1,666	1,694	1,723	1,751	1,778	1,803	1,823	1,841	1,862	1,884
Beginning Stocks	37	39	43	42	42	42	41	41	41	41	40
Domestic Supply	1,692	1,705	1,736	1,765	1,793	1,820	1,844	1,864	1,882	1,902	1,924
Consumption	1,663	1,664	1,706	1,744	1,779	1,813	1,843	1,868	1,891	1,918	1,947
Ending Stocks	39	43	42	42	42	41	41	41	41	40	40
Domestic Use	1,702	1,707	1,748	1,786	1,821	1,855	1,885	1,909	1,931	1,958	1,987
Net Trade	-10	-2	-12	-21	-28	-35	-41	-45	-49	-56	-63
Soybean Oil											
Production	357	337	343	349	355	360	365	369	373	377	382
Beginning Stocks	106	106	95	94	92	90	88	86	84	82	83
Domestic Supply	463	443	438	443	447	450	453	455	457	459	464
Consumption	375	400	409	411	413	415	419	422	426	443	461
Ending Stocks	106	95	94	92	90	88	86	84	82	83	83
Domestic Use	481	495	503	503	502	502	504	506	509	526	544
Net Trade	-20	-51	-65	-60	-56	-52	-52	-51	-52	-66	-80

Rest-of-World Soybean Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Soybeans					(Thousand Hectares)						
Area Harvested	3,903	4,008	4,082	4,141	4,190	4,228	4,255	4,278	4,297	4,318	4,341
					(Metric Tons per Hectare)						
Yield	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33
					(Thousand Metric Tons)						
Production	4,815	4,986	5,120	5,235	5,338	5,426	5,500	5,569	5,631	5,697	5,764
Beginning Stocks	283	293	298	341	362	372	377	380	381	381	381
Domestic Supply	5,098	5,279	5,418	5,575	5,700	5,798	5,877	5,949	6,012	6,078	6,146
Crush	5,762	5,996	6,052	6,132	6,241	6,348	6,442	6,563	6,683	6,810	6,954
Other Use	3,492	3,773	3,802	3,819	3,863	3,930	4,008	4,095	4,195	4,299	4,417
Ending Stocks	293	298	341	362	372	377	380	381	381	381	381
Domestic Use	9,547	10,068	10,195	10,313	10,477	10,655	10,829	11,039	11,260	11,491	11,752
Net Trade	-4,449	-4,789	-4,777	-4,738	-4,777	-4,856	-4,952	-5,090	-5,248	-5,413	-5,606
Soybean Meal											
Production	4,530	4,714	4,758	4,821	4,907	4,991	5,065	5,160	5,254	5,354	5,467
Beginning Stocks	379	330	363	438	414	389	372	354	339	338	337
Domestic Supply	4,909	5,044	5,122	5,259	5,321	5,379	5,437	5,514	5,593	5,692	5,804
Consumption	15,100	15,482	15,445	15,500	15,601	15,754	15,922	16,102	16,317	16,542	16,784
Ending Stocks	330	363	438	414	389	372	354	339	338	337	336
Domestic Use	15,430	15,845	15,883	15,914	15,989	16,126	16,276	16,441	16,655	16,879	17,120
Net Trade	-10,521	-10,801	-10,762	-10,655	-10,669	-10,747	-10,839	-10,927	-11,062	-11,187	-11,316
Soybean Oil											
Production	1,023	1,065	1,075	1,089	1,108	1,127	1,144	1,165	1,187	1,209	1,235
Beginning Stocks	250	210	211	211	213	216	219	221	221	220	217
Domestic Supply	1,273	1,274	1,285	1,300	1,321	1,343	1,363	1,386	1,408	1,429	1,451
Consumption	4,583	4,770	4,786	4,823	4,869	4,922	4,975	5,030	5,085	5,141	5,198
Ending Stocks	210	211	211	213	216	219	221	221	220	217	212
Domestic Use	4,793	4,981	4,997	5,036	5,085	5,142	5,196	5,251	5,304	5,358	5,410
Net Trade	-3,520	-3,707	-3,712	-3,736	-3,764	-3,799	-3,832	-3,865	-3,897	-3,929	-3,959

Rapeseed and Rapeseed Products

•World trade in rapeseed/canola surged by almost 300,000 mt over the previous year in 1998/99. Lower prices next year are projected to increase import demand for all countries except China, as it recovers from this year's supply shock. Long-term trade in rapeseed is expected to remain around 3.5 mmt.

•World rapeseed area is projected to grow relatively slow to about 2.18 mha by 2008/09. Consequently, rapeseed production and crush are expected to grow by about 7.3 mmt each over the projection period.

•Relatively lucrative rapeseed prices led to an increase of more than half-a-million hectares in Canadian canola area. The increase will continue with an overall projected increase of 6.16 percent over the entire projection period.

•Rapeseed area in the EU increased this year by about 0.305 mha over the previous year, despite ensuing penalties for overshooting Blair House limits on total oilseeds area. Major growth was reported in Italy and the United Kingdom. Due to relative price advantage, another large overshoot is expected in EU area next year.

•Rapeseed area in India declined slightly under increased competition from wheat and rice crops in the Northern Plains region. Nonetheless, the rapeseed area is expected to grow by nearly 300,000 hectares in the coming decade.

•Although the Chinese rapeseed area harvested grew by 0.225 mha this year, the per hectare yields dropped from 1.48 mt in 1997/98 to 1.24 in 1998/99 due to devastating floods in key growing areas. To cover this fall in total production and to increase the utilization of domestic crush capacity towards self sufficiency in oil, China imported a record 1.5 mmt of rapeseed this year. This amount is expected to decrease as production recovers in coming years, while rape oil imports are projected to increase slowly by about 250,000 tons over the next 10 years.

•Canola meal is imported from Canada primarily by the EU and Japan for its meal quality. Rape meal from the rapeseed varieties grown in countries like China and India is not suitable for animal consumption. Most of the rape meal is exported from India to the EU for industrial purposes. Total trade in meal increased by more than 136 percent between 1987/88 and 1998/99. A relatively slower growth of about 75 percent is projected between 1998/99 and 2008/09.

•Rape oil is widely used as a cooking oil in China, India, and some other developing countries, and it is also used in several industrial products. Increasing incomes in these countries are expected to drive the demand for rape oil. Declining area in exporting countries, particularly the EU, and increases in domestic oil production in importing countries, are expected to restrict the trade in rape oil in coming years to between 1.7 and 1.8 mmt.

Rapeseed Trade

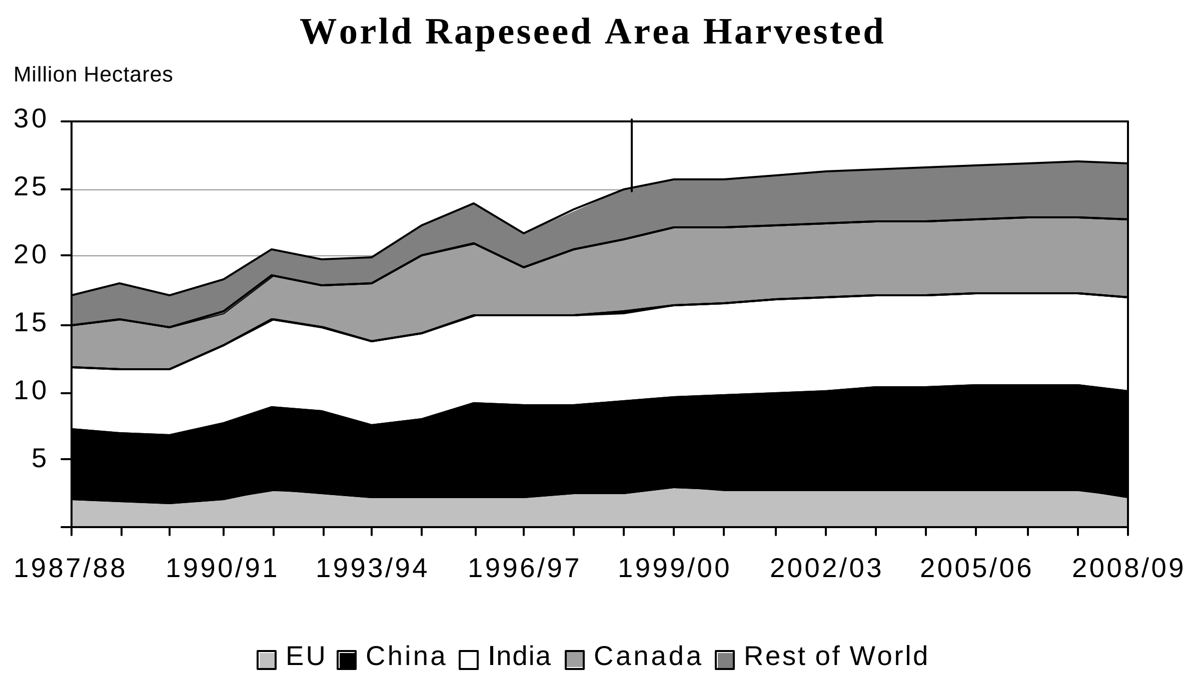
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Canada	3,180	3,376	3,427	3,388	3,407	3,417	3,387	3,406	3,417	3,506	3,561
Total Net Exports	3,699	3,453	3,429	3,388	3,429	3,417	3,387	3,406	3,417	3,506	3,561
Net Importers											
China	1,500	216	271	278	282	293	310	314	324	326	340
European Union	-112	-77	-1	32	-23	158	243	300	391	507	596
India	0	0	0	0	0	0	0	0	0	0	0
Japan	2,100	2,155	2,062	2,158	2,169	2,181	2,196	2,209	2,224	2,239	2,255
Rest of World	-407	582	696	620	777	685	638	683	677	734	770
Residual	99	500	400	300	200	100	0	-100	-200	-300	-400
Total Net Imports	3,699	3,453	3,429	3,388	3,429	3,417	3,387	3,406	3,417	3,506	3,561
Prices					(U.S. Dollars per Metric Ton)						
Cash Vancouver	253	235	238	242	245	246	250	251	255	256	256
CIF Hamburg	259	239	240	243	243	243	244	244	246	245	248

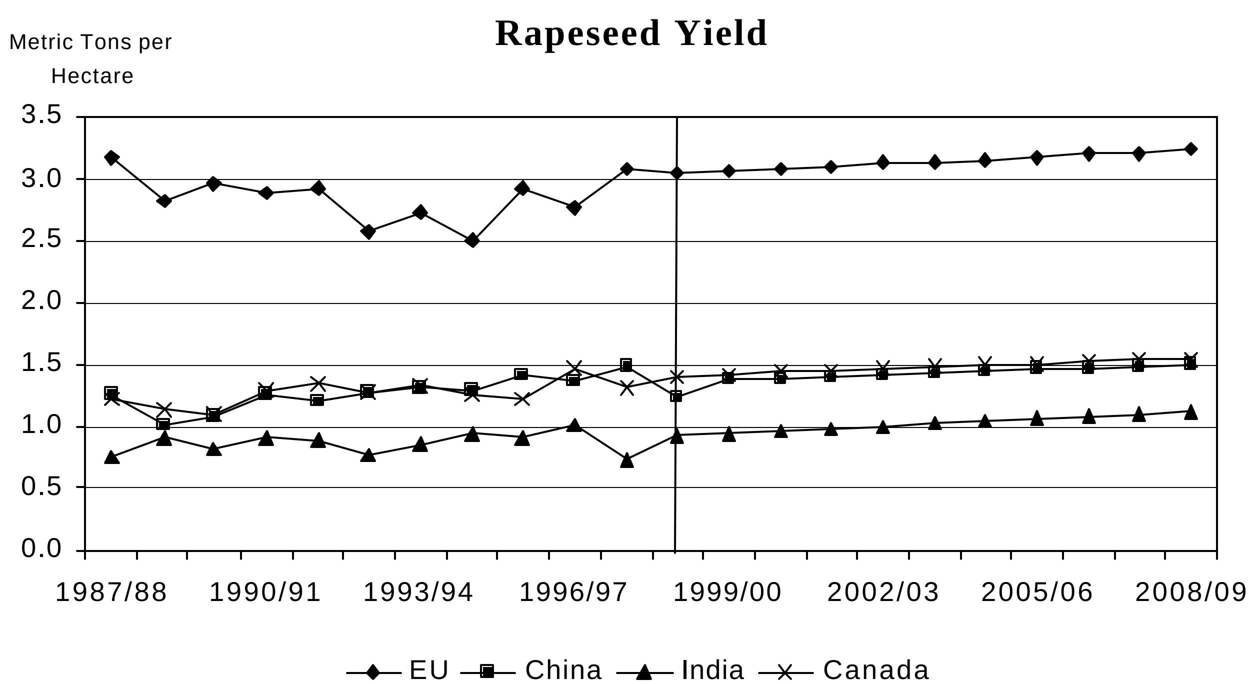
Rapeseed Meal Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Canada	1,500	1,551	1,574	1,597	1,645	1,692	1,740	1,787	1,835	1,882	1,989
China	-50	128	147	173	181	181	168	144	135	120	106
India	900	770	823	883	930	968	996	1,015	1,026	1,037	1,044
Total Net Exports	2,350	2,448	2,545	2,652	2,756	2,841	2,904	2,946	2,996	3,039	3,139
Net Importers											
European Union	626	595	710	762	764	934	1,046	1,044	1,123	1,240	1,263
Japan	120	106	78	68	64	65	64	63	63	65	65
Rest of World	1,574	1,647	1,681	1,772	1,902	1,843	1,819	1,888	1,884	1,833	1,936
Residual	30	100	75	50	25	0	-25	-50	-75	-100	-125
Total Net Imports	2,350	2,448	2,545	2,652	2,756	2,841	2,904	2,946	2,996	3,038	3,139
Price					(U.S. Dollars per Metric Ton)						
FOB Hamburg	110	100	104	109	114	117	121	124	128	129	133

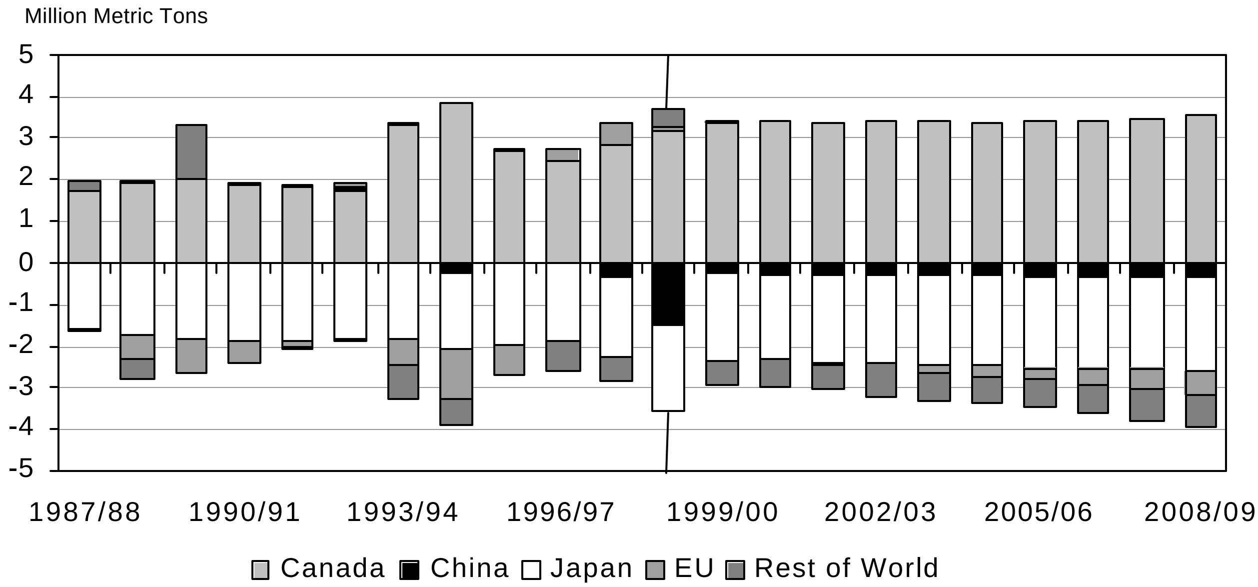
Rapeseed Oil Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Canada	839	878	891	897	920	941	961	984	1,011	1,041	1,071
European Union	798	930	863	839	842	751	703	735	720	694	722
Total Net Exports	1,637	1,808	1,753	1,736	1,762	1,692	1,664	1,719	1,731	1,734	1,793
Net Importers											
China	430	517	441	393	376	385	410	461	528	615	687
India	30	75	68	57	57	59	61	65	71	75	78
Japan	5	4	4	3	4	4	4	3	3	3	3
Rest of World	1,033	1,011	1,116	1,233	1,350	1,343	1,364	1,439	1,453	1,442	1,499
Residual	139	200	125	50	-25	-100	-175	-250	-325	-400	-475
Total Net Imports	1,637	1,808	1,753	1,736	1,762	1,691	1,664	1,719	1,731	1,734	1,792
Price					(U.S. Dollars per Metric Ton)						
FOB Rotterdam	560	546	542	531	517	505	502	497	500	504	512

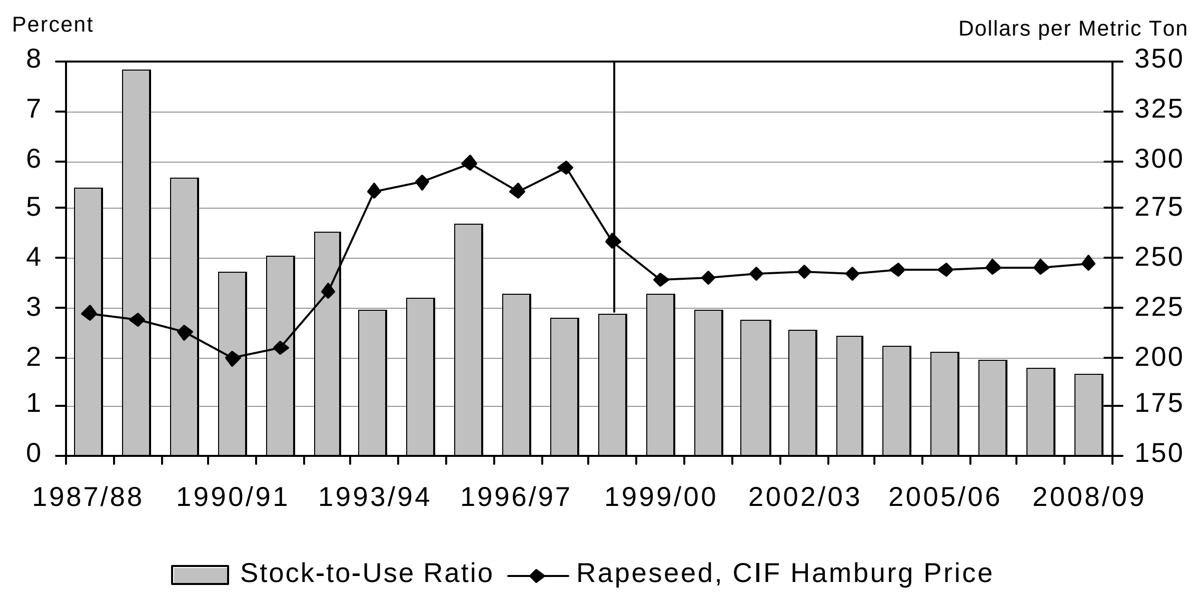

World Rapeseed Area Harvested
Million Hectares
30
25
20
15
10
5
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
EU
China
India
Canada
Rest of World

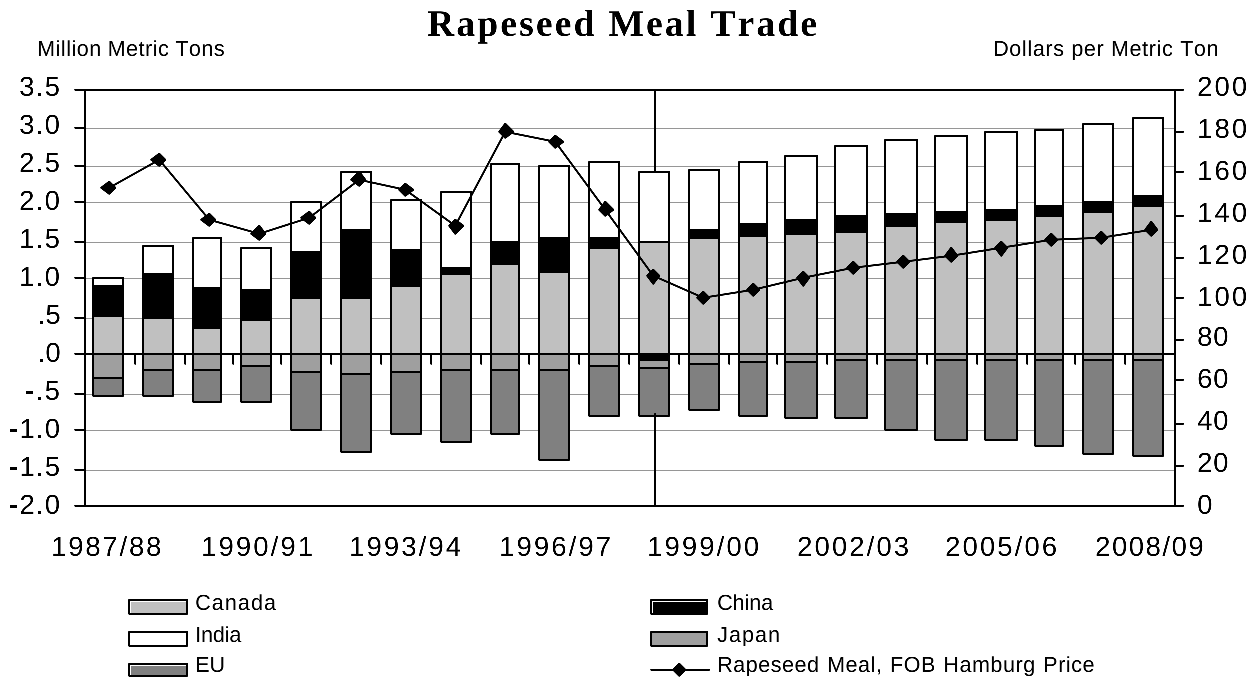

Rapeseed Yield
Metric Tons per Hectare
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
EU
China
India
Canada

Rapeseed Trade

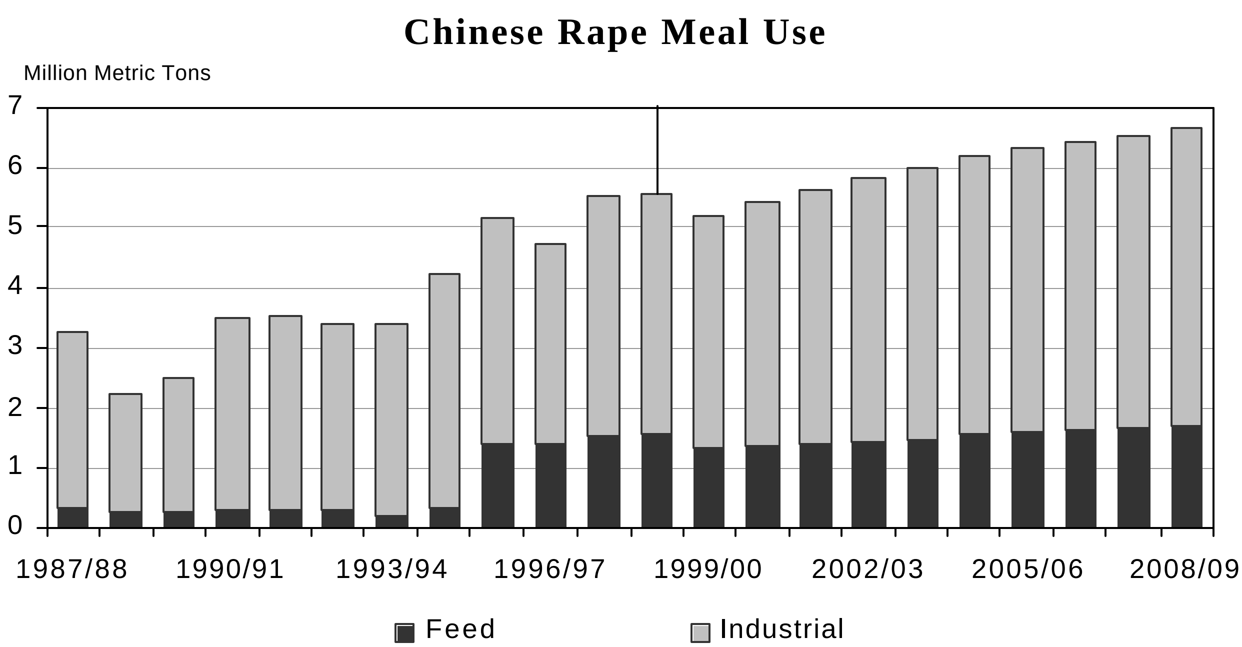


Rapeseed Stocks-to-Use Ratio Versus Price

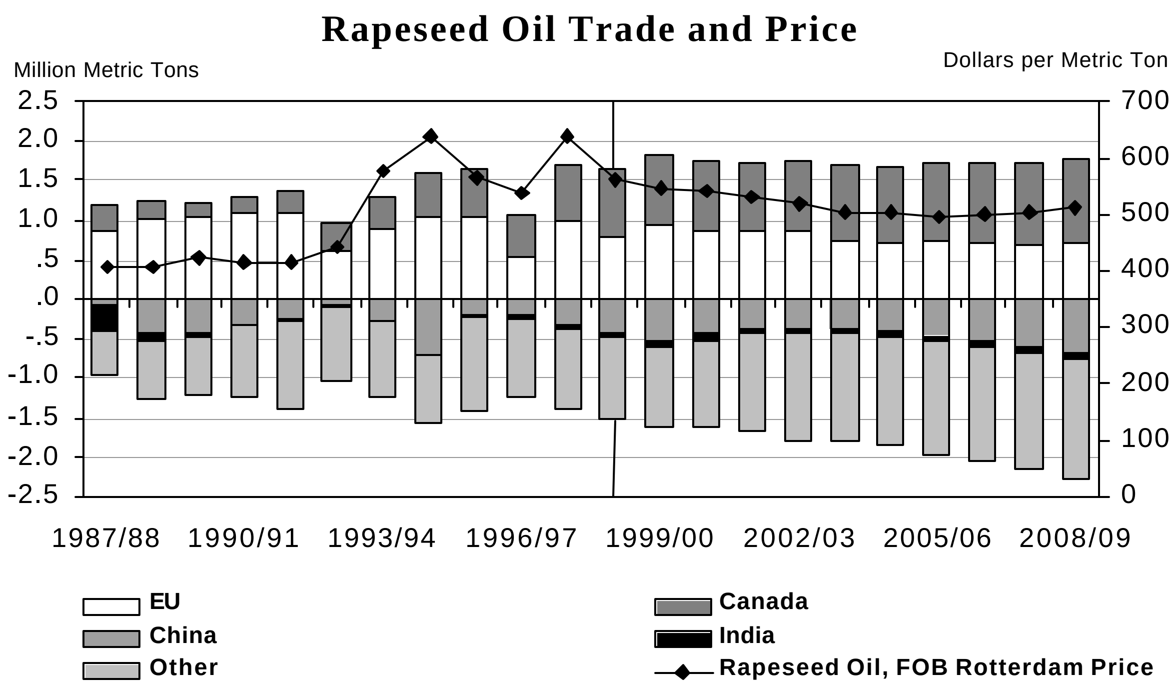


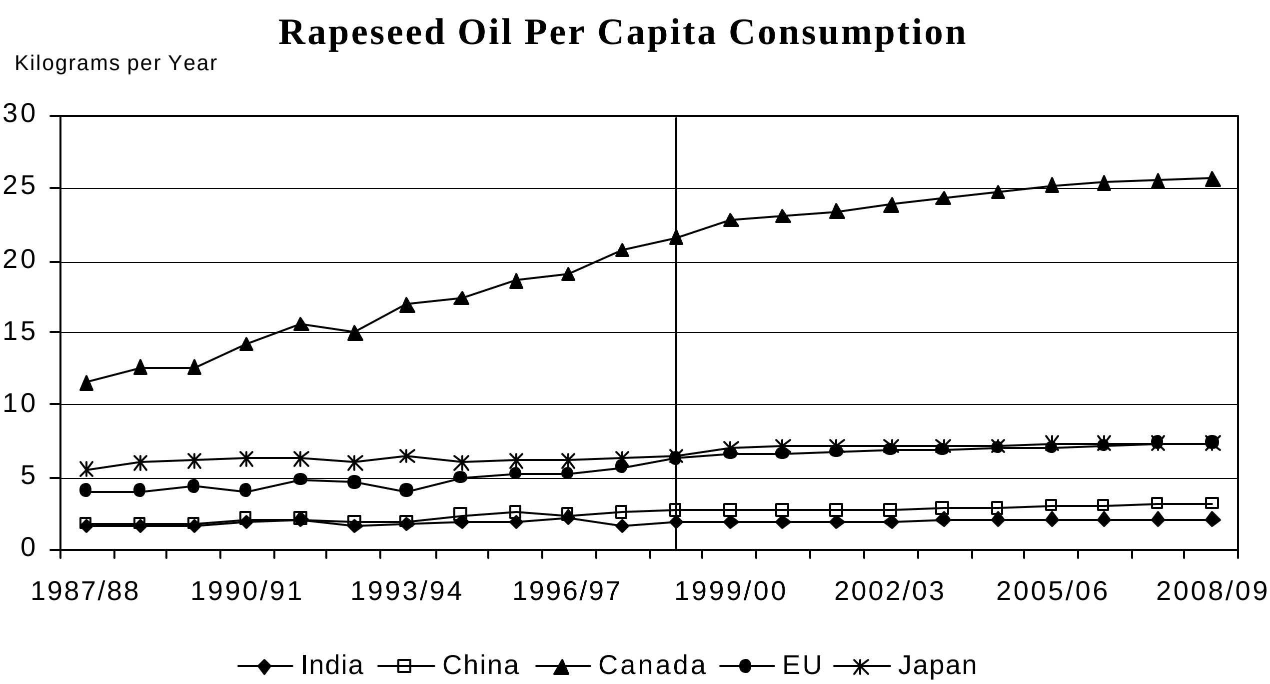


Rapeseed Meal Trade
Million Metric Tons
Dollars per Metric Ton
3.5
3.0
2.5
2.0
1.5
1.0
.5
.0
-.5
-1.0
-1.5
-2.0
200
180
160
140
120
100
80
60
40
20
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Canada
India
EU
China
Japan
Rapeseed Meal, FOB Hamburg Price



Chinese Rape Meal Use
Million Metric Tons
7
6
5
4
3
2
1
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Feed
Industrial


Rapeseed Oil Trade and Price
Million Metric Tons
Dollars per Metric Ton
2.5
2.0
1.5
1.0
.5
.0
-.5
-1.0
-1.5
-2.0
-2.5
700
600
500
400
300
200
100
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
EU
China
Other
Canada
India
Rapeseed Oil, FOB Rotterdam Price


Rapeseed Oil Per Capita Consumption
Kilograms per Year
30
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
India
China
Canada
EU
Japan

World Rapeseed Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Rapeseed						(Thousand Hectares)					
Area Harvested	25,491	26,022	26,078	26,304	26,658	26,803	26,910	27,141	27,258	27,461	27,669
						(Thousand Metric Tons)					
Production	36,838	38,905	39,315	40,006	40,937	41,291	41,729	42,437	42,933	43,473	44,156
Crush	33,506	34,795	35,608	36,318	37,306	37,714	38,215	38,964	39,506	40,069	40,775
Other Use	3,094	3,412	3,418	3,442	3,483	3,526	3,566	3,621	3,677	3,752	3,829
Ending Stocks	1,063	1,261	1,149	1,096	1,043	995	943	895	844	797	748
Trade *	3,699	3,453	3,429	3,388	3,429	3,417	3,387	3,406	3,417	3,506	3,561
Rapeseed Meal											
Production	20,079	20,926	21,425	21,868	22,468	22,731	23,044	23,500	23,833	24,176	24,602
Consumption	20,130	20,764	21,354	21,822	22,446	22,728	23,066	23,544	23,901	24,264	24,718
Ending Stocks	496	558	554	549	546	549	552	557	564	576	584
Trade *	2,350	2,448	2,545	2,652	2,756	2,841	2,904	2,946	2,996	3,039	3,139
Rapeseed Oil											
Production	12,388	12,941	13,226	13,475	13,837	13,974	14,151	14,432	14,632	14,841	15,110
Consumption	12,181	12,709	13,103	13,431	13,871	14,084	14,343	14,696	14,975	15,260	15,606
Ending Stocks	566	597	595	589	580	569	552	537	518	499	477
Trade *	1,637	1,808	1,753	1,736	1,762	1,692	1,664	1,719	1,731	1,734	1,793
						(Kilograms)					
Per Capita Consumption	2.03	2.09	2.13	2.15	2.19	2.19	2.20	2.23	2.27	2.31	2.37

* Excludes intraregional trade.

Canadian Canola Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Canola					(Thousand Hectares)						
Area Harvested	5,400	5,685	5,530	5,448	5,480	5,504	5,486	5,530	5,551	5,656	5,732
					(Metric Tons per Hectare)						
Yield	1.41	1.42	1.45	1.46	1.47	1.48	1.50	1.51	1.52	1.53	1.55
					(Thousand Metric Tons)						
Production	7,600	8,056	7,992	7,947	8,052	8,156	8,217	8,344	8,460	8,676	8,858
Beginning Stocks	334	454	561	548	511	472	433	393	354	313	275
Domestic Supply	7,934	8,510	8,552	8,495	8,563	8,628	8,651	8,737	8,814	8,989	9,133
Crush	3,650	3,789	3,839	3,889	3,989	4,088	4,189	4,289	4,389	4,489	4,590
Other Use	650	784	738	707	696	689	682	687	695	718	743
Ending Stocks	454	561	548	511	472	433	393	354	313	275	238
Domestic Use	4,754	5,134	5,125	5,107	5,156	5,211	5,264	5,330	5,397	5,483	5,571
Net Trade	3,180	3,376	3,427	3,388	3,407	3,417	3,387	3,406	3,417	3,506	3,561
Canola Meal											
Production	2,080	2,158	2,187	2,215	2,272	2,329	2,386	2,443	2,500	2,557	2,615
Beginning Stocks	40	45	51	54	54	52	51	49	47	44	42
Domestic Supply	2,120	2,203	2,238	2,269	2,326	2,381	2,437	2,492	2,547	2,602	2,657
Consumption	580	601	610	619	628	638	648	658	667	678	628
Ending Stocks	45	51	54	54	52	51	49	47	44	42	40
Domestic Use	625	653	664	672	681	689	697	704	712	720	668
Net Trade	1,500	1,551	1,574	1,597	1,645	1,692	1,740	1,787	1,835	1,882	1,989
Canola Oil											
Production	1,533	1,598	1,619	1,640	1,682	1,725	1,767	1,809	1,851	1,894	1,936
Beginning Stocks	30	60	74	79	81	80	77	74	72	71	71
Domestic Supply	1,563	1,658	1,693	1,720	1,763	1,804	1,844	1,883	1,924	1,965	2,007
Consumption	664	707	723	742	763	786	809	826	841	854	866
Ending Stocks	60	74	79	81	80	77	74	72	71	71	71
Domestic Use	724	780	802	823	843	863	883	899	912	925	936
Net Trade	839	878	891	897	920	941	961	984	1,011	1,041	1,071

Chinese Rapeseed Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Rapeseed					(Thousand Hectares)						
Area Harvested	6,700	6,787	6,969	7,181	7,355	7,484	7,580	7,659	7,707	7,738	7,748
					(Metric Tons per Hectare)						
Yield	1.24	1.37	1.39	1.40	1.42	1.43	1.45	1.46	1.48	1.49	1.50
					(Thousand Metric Tons)						
Production	8,300	9,328	9,684	10,088	10,440	10,731	10,978	11,200	11,377	11,528	11,648
Beginning Stocks	140	140	140	140	140	140	140	140	140	140	140
Domestic Supply	8,440	9,468	9,824	10,228	10,580	10,871	11,118	11,340	11,517	11,668	11,788
Crush	8,860	8,585	8,969	9,347	9,678	9,960	10,210	10,424	10,604	10,753	10,884
Other Use	940	960	987	1,019	1,045	1,064	1,078	1,090	1,097	1,102	1,104
Ending Stocks	140	140	140	140	140	140	140	140	140	140	140
Domestic Use	9,940	9,685	10,096	10,506	10,862	11,164	11,428	11,654	11,841	11,995	12,128
Net Trade	-1,500	-216	-271	-278	-282	-293	-310	-314	-324	-326	-340
Rapeseed Meal											
Production	5,492	5,323	5,561	5,795	6,000	6,175	6,330	6,463	6,574	6,667	6,748
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	5,492	5,323	5,561	5,795	6,000	6,175	6,330	6,463	6,574	6,667	6,748
Feed Use	1,560	1,332	1,373	1,408	1,451	1,494	1,545	1,600	1,634	1,669	1,701
Industrial Use	3,982	3,863	4,040	4,214	4,368	4,500	4,617	4,719	4,805	4,877	4,942
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	5,542	5,195	5,413	5,622	5,819	5,994	6,162	6,319	6,439	6,547	6,643
Net Trade	-50	128	147	173	181	181	168	144	135	120	106
Rapeseed Oil											
Production	2,925	2,833	2,960	3,085	3,194	3,287	3,369	3,440	3,499	3,548	3,592
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	2,925	2,833	2,960	3,085	3,194	3,287	3,369	3,440	3,499	3,548	3,592
Consumption	3,355	3,350	3,401	3,477	3,570	3,672	3,780	3,901	4,028	4,163	4,279
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	3,355	3,350	3,401	3,477	3,570	3,672	3,780	3,901	4,028	4,163	4,279
Net Trade	-430	-517	-441	-393	-376	-385	-410	-461	-528	-615	-687

European Union Rapeseed Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Rapeseed					(Thousand Hectares)						
Area Harvested	2,647	2,882	2,788	2,765	2,807	2,715	2,662	2,703	2,676	2,658	2,302
Industrial Area Harvested	466	347	346	348	343	332	331	321	320	309	670
Total Area Harvested	3,113	3,229	3,134	3,113	3,151	3,047	2,993	3,025	2,997	2,967	2,972
					(Metric Tons per Hectare)						
Yield	3.05	3.06	3.08	3.10	3.12	3.14	3.16	3.17	3.19	3.21	3.23
					(Thousand Metric Tons)						
Production	9,492	9,877	9,648	9,662	9,843	9,559	9,453	9,598	9,573	9,516	9,608
Beginning Stocks	114	112	132	130	120	112	105	96	88	79	72
Domestic Supply	9,606	9,989	9,780	9,792	9,963	9,670	9,558	9,693	9,661	9,595	9,681
Crush	8,646	8,991	8,847	8,887	8,995	8,869	8,828	9,001	9,039	9,062	9,208
Other Use	736	788	801	816	834	854	877	904	934	968	1,007
Ending Stocks	112	132	130	120	112	105	96	88	79	72	62
Domestic Use	9,494	9,911	9,778	9,824	9,941	9,828	9,801	9,993	10,052	10,103	10,277
Net Trade	112	77	1	-32	23	-158	-243	-300	-391	-507	-596
Rapeseed Meal											
Production	4,959	5,247	5,166	5,192	5,257	5,186	5,164	5,268	5,293	5,309	5,396
Beginning Stocks	206	221	258	242	226	211	201	190	181	172	166
Domestic Supply	5,165	5,468	5,424	5,433	5,483	5,397	5,365	5,458	5,474	5,480	5,562
Consumption	5,570	5,805	5,892	5,970	6,036	6,130	6,221	6,321	6,425	6,555	6,669
Ending Stocks	221	258	242	226	211	201	190	181	172	166	156
Domestic Use	5,791	6,064	6,134	6,196	6,247	6,331	6,411	6,502	6,597	6,721	6,825
Net Trade	-626	-595	-710	-762	-764	-934	-1,046	-1,044	-1,123	-1,240	-1,263
Rapeseed Oil											
Production	3,501	3,643	3,589	3,611	3,659	3,613	3,601	3,677	3,697	3,711	3,776
Beginning Stocks	208	243	252	237	225	214	204	189	175	157	137
Domestic Supply	3,709	3,886	3,841	3,848	3,884	3,827	3,805	3,865	3,872	3,868	3,913
Consumption	2,668	2,703	2,742	2,784	2,828	2,872	2,913	2,956	2,996	3,037	3,077
Ending Stocks	243	252	237	225	214	204	189	175	157	137	115
Domestic Use	2,911	2,956	2,979	3,009	3,042	3,076	3,102	3,131	3,153	3,174	3,192
Net Trade	798	930	863	839	842	751	703	735	720	694	722

Indian Rapeseed Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Rapeseed					(Thousand Hectares)						
Area Harvested	6,600	6,739	6,773	6,829	6,878	6,914	6,938	6,951	6,958	6,968	6,978
					(Metric Tons per Hectare)						
Yield	0.92	0.95	0.97	0.99	1.01	1.03	1.05	1.06	1.08	1.10	1.12
					(Thousand Metric Tons)						
Production	6,098	6,370	6,542	6,735	6,921	7,093	7,251	7,398	7,536	7,677	7,818
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	6,098	6,370	6,542	6,735	6,921	7,093	7,251	7,398	7,536	7,677	7,818
Crush	5,600	5,791	5,958	6,144	6,324	6,490	6,643	6,783	6,915	7,050	7,185
Other Use	500	579	585	591	597	603	609	615	621	627	633
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	6,100	6,370	6,542	6,735	6,921	7,093	7,251	7,398	7,536	7,677	7,818
Net Trade	0	0	0	0	0	0	0	0	0	0	0
Rapeseed Meal											
Production	3,700	3,822	3,932	4,055	4,174	4,284	4,384	4,477	4,564	4,653	4,742
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	3,700	3,822	3,932	4,055	4,174	4,284	4,384	4,477	4,564	4,653	4,742
Consumption	2,800	3,052	3,109	3,172	3,244	3,316	3,388	3,462	3,539	3,616	3,698
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	2,800	3,052	3,109	3,172	3,244	3,316	3,388	3,462	3,539	3,616	3,698
Net Trade	900	770	823	883	930	968	996	1,015	1,026	1,037	1,044
Rapeseed Oil											
Production	1,800	1,853	1,906	1,966	2,024	2,077	2,126	2,171	2,213	2,256	2,299
Beginning Stocks	20	22	20	21	21	20	19	18	17	16	16
Domestic Supply	1,820	1,875	1,926	1,987	2,045	2,097	2,145	2,189	2,230	2,272	2,315
Consumption	1,830	1,931	1,973	2,023	2,082	2,137	2,188	2,237	2,285	2,331	2,377
Ending Stocks	22	20	21	21	20	19	18	17	16	16	16
Domestic Use	1,852	1,951	1,994	2,044	2,102	2,156	2,206	2,254	2,301	2,347	2,393
Net Trade	-30	-75	-68	-57	-57	-59	-61	-65	-71	-75	-78

Japanese Rapeseed Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Rapeseed					(Thousand Hectares)						
Area Harvested	1	1	1	1	1	1	1	1	1	1	1
					(Metric Tons per Hectare)						
Yield	2.01	2.01	2.01	2.01	2.01	2.02	2.02	2.02	2.02	2.02	2.03
					(Thousand Metric Tons)						
Production	2	2	2	2	2	2	2	2	2	2	2
Beginning Stocks	293	286	308	222	222	220	219	217	216	215	213
Domestic Supply	295	288	310	224	224	222	221	220	218	217	216
Crush	2,100	2,127	2,141	2,153	2,165	2,177	2,191	2,205	2,219	2,235	2,251
Other Use	8	8	8	8	8	8	8	8	8	8	8
Ending Stocks	286	308	222	222	220	219	217	216	215	213	211
Domestic Use	2,394	2,443	2,372	2,383	2,393	2,404	2,416	2,429	2,442	2,456	2,470
Net Trade	-2,100	-2,155	-2,062	-2,158	-2,169	-2,181	-2,196	-2,209	-2,224	-2,239	-2,255
Rapeseed Meal											
Production	1,197	1,234	1,242	1,249	1,256	1,263	1,271	1,279	1,287	1,296	1,306
Beginning Stocks	57	67	76	76	76	75	76	76	76	76	77
Domestic Supply	1,254	1,301	1,318	1,325	1,331	1,338	1,346	1,355	1,363	1,372	1,383
Consumption	1,307	1,331	1,320	1,317	1,320	1,327	1,334	1,342	1,350	1,361	1,370
Ending Stocks	67	76	76	76	75	76	76	76	76	77	77
Domestic Use	1,374	1,407	1,396	1,393	1,395	1,403	1,410	1,418	1,426	1,437	1,447
Net Trade	-120	-106	-78	-68	-64	-65	-64	-63	-63	-65	-65
Rapeseed Oil											
Production	840	893	899	904	909	914	920	926	932	939	946
Beginning Stocks	71	101	108	111	113	114	115	115	116	116	116
Domestic Supply	911	994	1,007	1,015	1,022	1,028	1,035	1,041	1,048	1,055	1,062
Consumption	815	891	900	905	912	918	924	928	935	941	948
Ending Stocks	101	108	111	113	114	115	115	116	116	116	117
Domestic Use	916	998	1,011	1,018	1,026	1,032	1,039	1,044	1,051	1,058	1,065
Net Trade	-5	-4	-4	-3	-4	-4	-4	-3	-3	-3	-3

Rest-of-World Rapeseed Sector Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Rapeseed					(Thousand Hectares)						
Area Harvested	3,677	3,581	3,672	3,732	3,794	3,853	3,911	3,975	4,045	4,131	4,237
					(Metric Tons per Hectare)						
Yield	1.45	1.47	1.48	1.49	1.50	1.49	1.49	1.48	1.48	1.47	1.47
					(Thousand Metric Tons)						
Production	5,346	5,272	5,447	5,573	5,680	5,750	5,828	5,896	5,984	6,074	6,221
Beginning Stocks	42	71	120	109	103	100	98	97	96	96	96
Domestic Supply	5,388	5,343	5,567	5,682	5,782	5,850	5,926	5,993	6,081	6,170	6,317
Crush	4,650	5,512	5,855	5,898	6,156	6,129	6,155	6,263	6,339	6,479	6,657
Other Use	260	293	299	301	304	308	312	317	322	328	335
Ending Stocks	71	120	109	103	100	98	97	96	96	96	96
Domestic Use	4,981	5,925	6,263	6,302	6,560	6,535	6,564	6,676	6,758	6,904	7,088
Net Trade	407	-582	-696	-620	-777	-685	-638	-683	-677	-734	-770
Rapeseed Meal											
Production	2,651	3,143	3,338	3,362	3,510	3,494	3,509	3,571	3,614	3,694	3,795
Beginning Stocks	269	163	172	183	194	207	222	237	254	272	291
Domestic Supply	2,920	3,306	3,510	3,545	3,704	3,702	3,731	3,808	3,868	3,966	4,086
Consumption	4,331	4,780	5,009	5,122	5,398	5,323	5,313	5,442	5,481	5,508	5,711
Ending Stocks	163	172	183	194	207	222	237	254	272	291	311
Domestic Use	4,494	4,952	5,192	5,317	5,606	5,545	5,550	5,696	5,752	5,799	6,022
Net Trade	-1,574	-1,647	-1,681	-1,772	-1,902	-1,843	-1,819	-1,888	-1,884	-1,833	-1,936
Rapeseed Oil											
Production	1,789	2,121	2,253	2,269	2,368	2,358	2,368	2,410	2,439	2,493	2,561
Beginning Stocks	167	140	144	147	150	152	154	156	157	158	159
Domestic Supply	1,956	2,261	2,396	2,416	2,518	2,510	2,522	2,565	2,596	2,651	2,720
Consumption	2,849	3,128	3,365	3,499	3,716	3,700	3,730	3,847	3,891	3,934	4,060
Ending Stocks	140	144	147	150	152	154	156	157	158	159	159
Domestic Use	2,989	3,272	3,512	3,649	3,868	3,854	3,886	4,004	4,049	4,093	4,219
Net Trade	-1,033	-1,011	-1,116	-1,233	-1,350	-1,343	-1,364	-1,439	-1,453	-1,442	-1,499

Sunflower Seed and Products

•World area under sunflower is expected to grow by 8.27 percent, from 21.7 mha in 1998/99 to 23.5 mha in 2008/09. During the same period, total sunflower trade is expected to grow by another 826,000 mt, or 28.5 percent.

•Argentine area under sunflowers responded positively to the world sunflower oil prices in 1998/99, when the total area grew from 3.25 mha in the previous year to 3.75 mha. This area is projected to grow by another 350,000 hectares over the next decade.

•Another region for growth in the sunflower area planted is the Rest of the World, which includes Eastern Europe. In addition, farmers in countries like India are also warming up to this cash crop, and the total area there might increase as well in the coming years.

•Argentina is, by far, the world's largest exporter of sunflower seed meal and oil, while the EU is the largest importer of sunflower seeds and meal. Russian imports of sunflower meal and oil are projected to continue their upward trend as the economy begins a positive growth path.

•Sunflower oil consumption is also on the increase. Total consumption is expected to reach about 11.3 mmt by the end of the projection period. New markets are likely to emerge for sunflower oil, showing promise for extended growth in this sector. Countries like India and China hold the key to the ultimate outcome, as consumption in both these countries is steadily rising. In fact, Indian traders foresee sunflower oil demand increasing rapidly, primarily due to the domestic price advantage compared to palm oil.

Sunflower Seed Trade

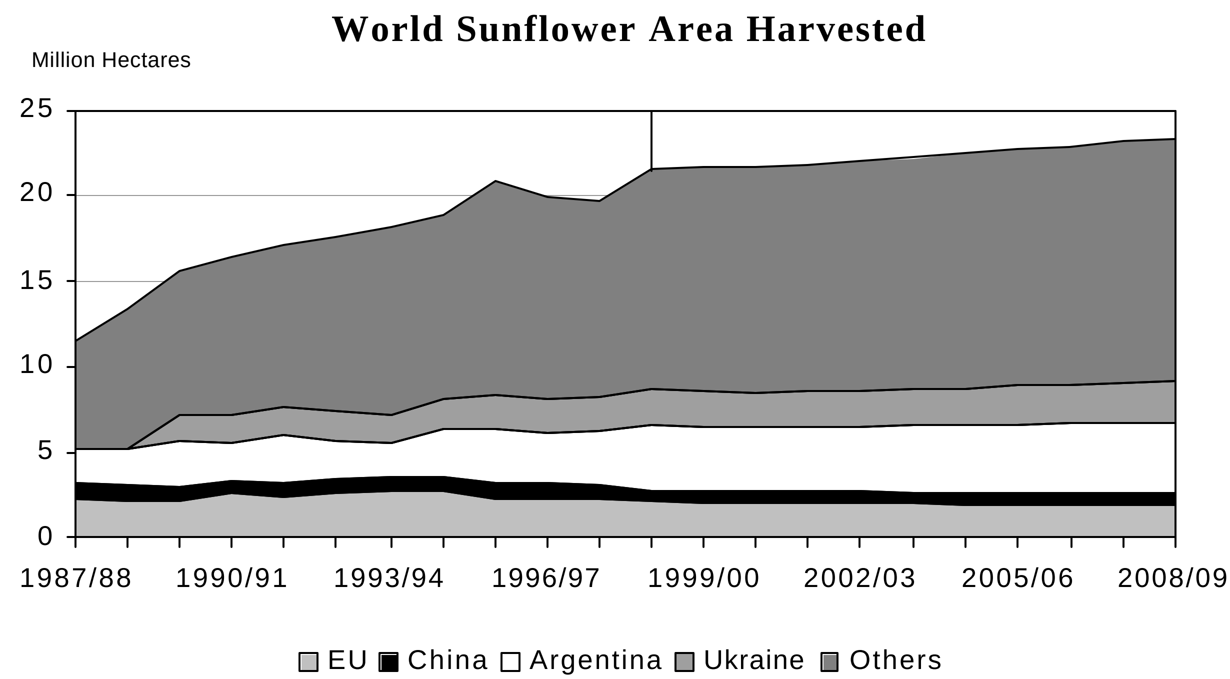
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Argentina	800	753	779	807	832	853	879	901	927	947	976
China	5	20	33	30	30	29	31	31	31	30	30
Russia	895	913	937	965	996	1,029	1,065	1,102	1,140	1,179	1,218
Ukraine	1,085	1,110	1,140	1,171	1,202	1,232	1,263	1,294	1,324	1,355	1,385
Other Former Soviet Union	108	107	102	96	94	95	96	100	100	103	109
Total Net Exports	2,893	2,903	2,992	3,068	3,153	3,238	3,333	3,426	3,521	3,614	3,719
Net Importers											
European Union	2,553	2,793	2,912	2,974	3,027	3,084	3,118	3,162	3,212	3,284	3,365
Rest of World	241	160	129	144	176	205	265	314	359	380	404
Residual	99	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
Total Net Imports	2,893	2,903	2,992	3,068	3,153	3,238	3,333	3,426	3,521	3,614	3,719
					(U.S. Dollars per Metric Ton)						
CIF Lower Rhine Price	275	251	251	252	252	250	251	250	250	249	250

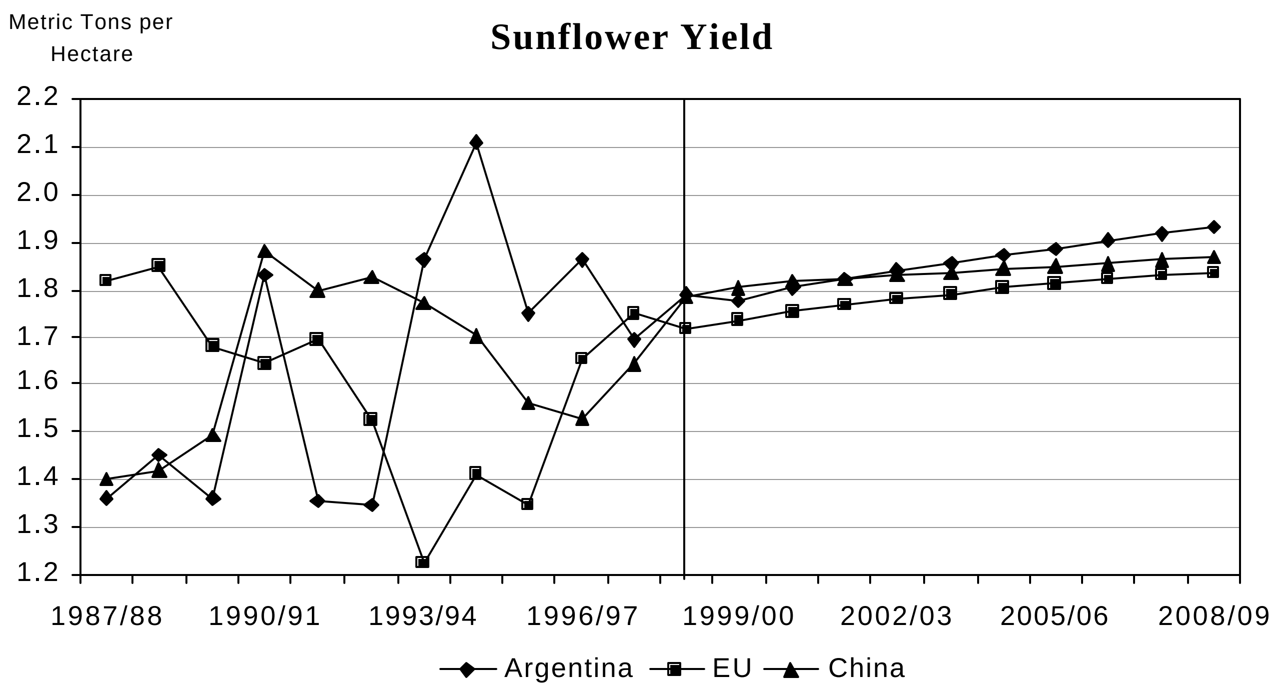
Sunflower Meal Trade

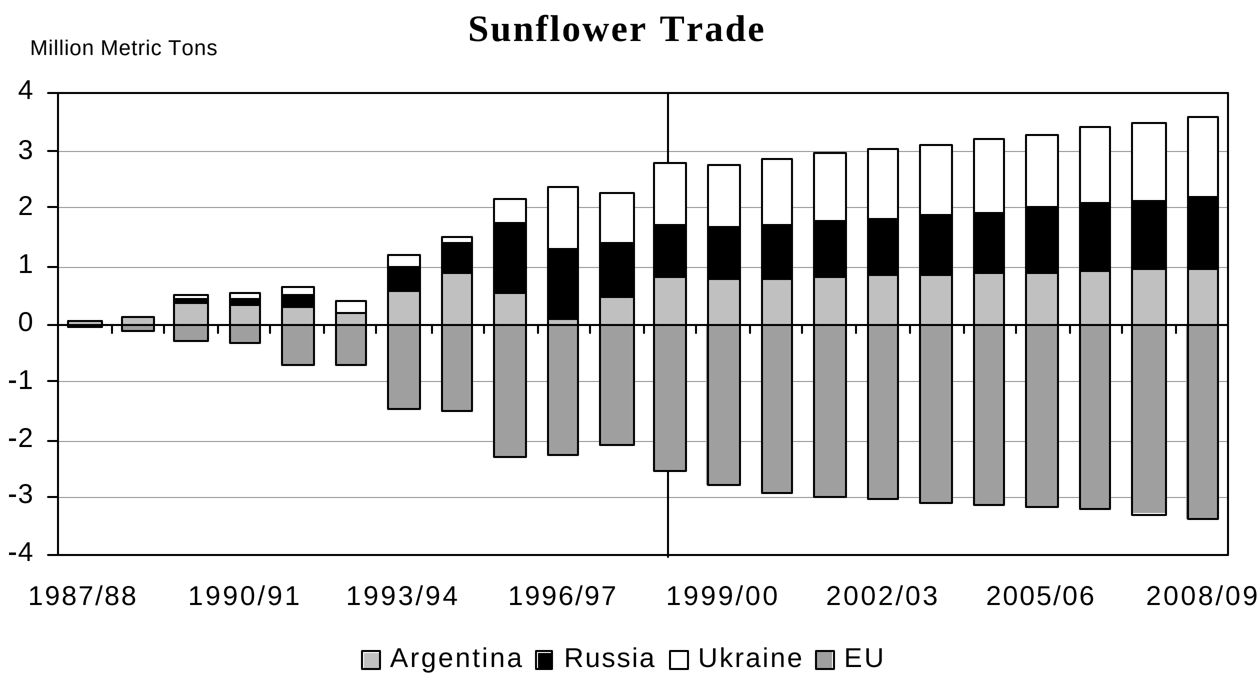
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Argentina	2,260	2,225	2,225	2,275	2,328	2,378	2,427	2,479	2,529	2,581	2,632
China	0	3	1	3	0	-1	-2	-1	1	1	0
Ukraine	25	30	36	42	47	53	58	64	70	75	81
Total Net Exports	2,285	2,259	2,262	2,319	2,376	2,430	2,483	2,542	2,599	2,657	2,713
Net Importers											
European Union	2,031	1,993	1,993	2,023	2,055	2,123	2,176	2,238	2,293	2,363	2,402
Russia	8	17	13	-11	-30	-25	-30	-35	-39	-48	-48
Other Former Soviet Union	44	54	58	53	49	49	50	52	54	54	51
Rest of World	186	170	173	229	275	258	262	261	266	262	283
Residual	16	25	25	25	25	25	25	25	25	25	25
Total Net Imports	2,285	2,259	2,262	2,319	2,376	2,430	2,483	2,542	2,599	2,657	2,713
					(U.S. Dollars per Metric Ton)						
CIF Rotterdam Price	83	84	88	91	94	96	99	101	103	104	107

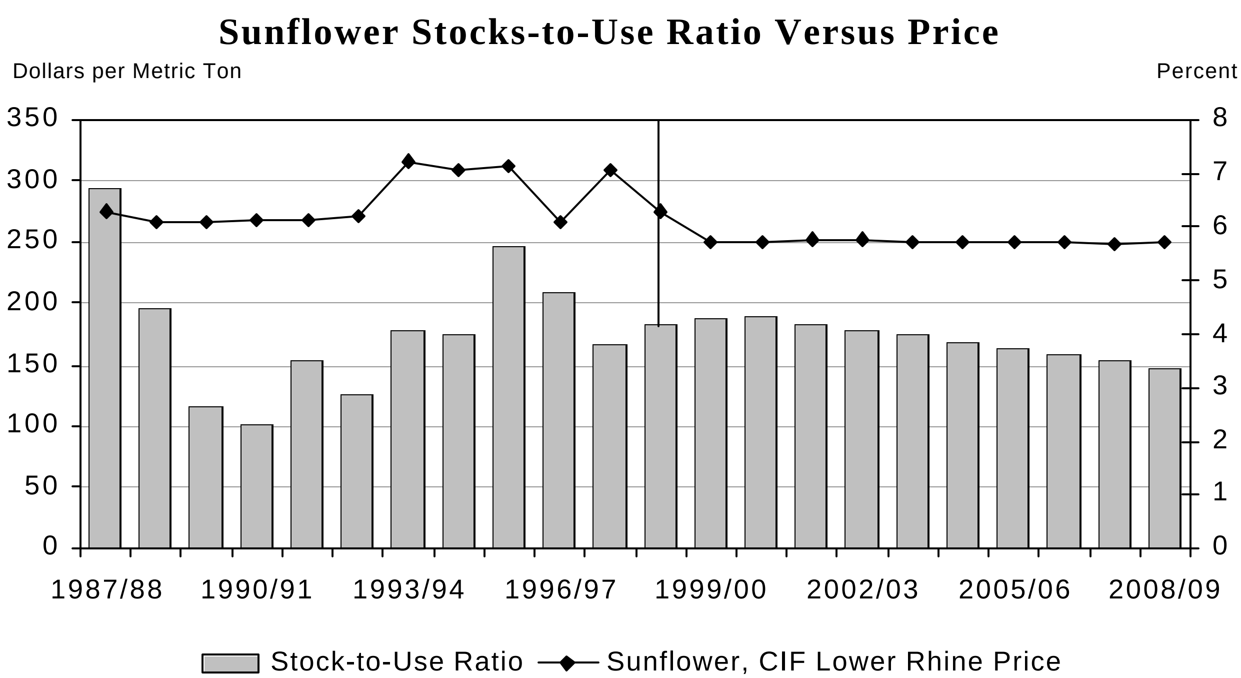
Sunflower Oil Trade

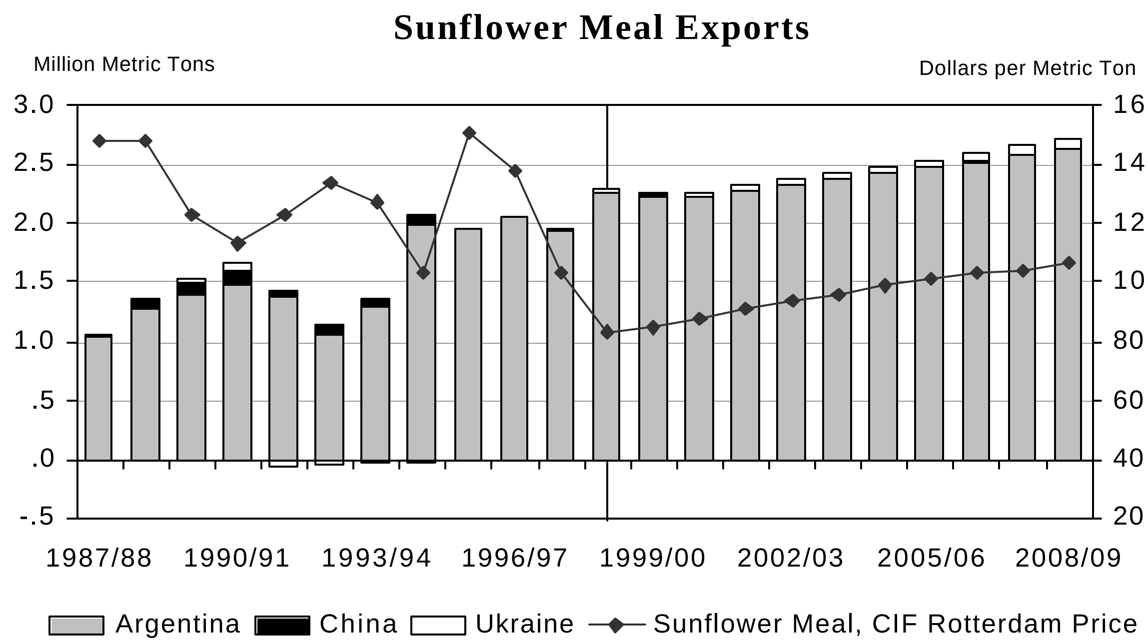
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Net Exporters											
Argentina	1,734	1,731	1,723	1,763	1,805	1,843	1,878	1,916	1,952	1,990	2,026
China	0	0	0	0	0	0	0	0	0	0	0
European Union	248	216	239	234	220	204	198	186	187	195	219
Ukraine	-9	-19	-42	-42	-48	-42	-36	-24	-19	6	42
Total Net Exports	1,973	1,927	1,920	1,956	1,978	2,005	2,040	2,078	2,120	2,190	2,286
Net Importers											
Russia	348	375	384	392	400	408	416	424	433	439	445
Other Former Soviet Union	94	89	110	129	142	152	162	170	177	167	155
Rest of World	1,745	1,713	1,676	1,685	1,685	1,695	1,712	1,734	1,760	1,834	1,935
Residual	-215	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250
Total Net Imports	1,973	1,927	1,920	1,956	1,978	2,005	2,040	2,077	2,119	2,190	2,286
					(U.S. Dollars per Metric Ton)						
FOB NW Europe Price	609	584	579	566	550	535	532	526	529	534	543

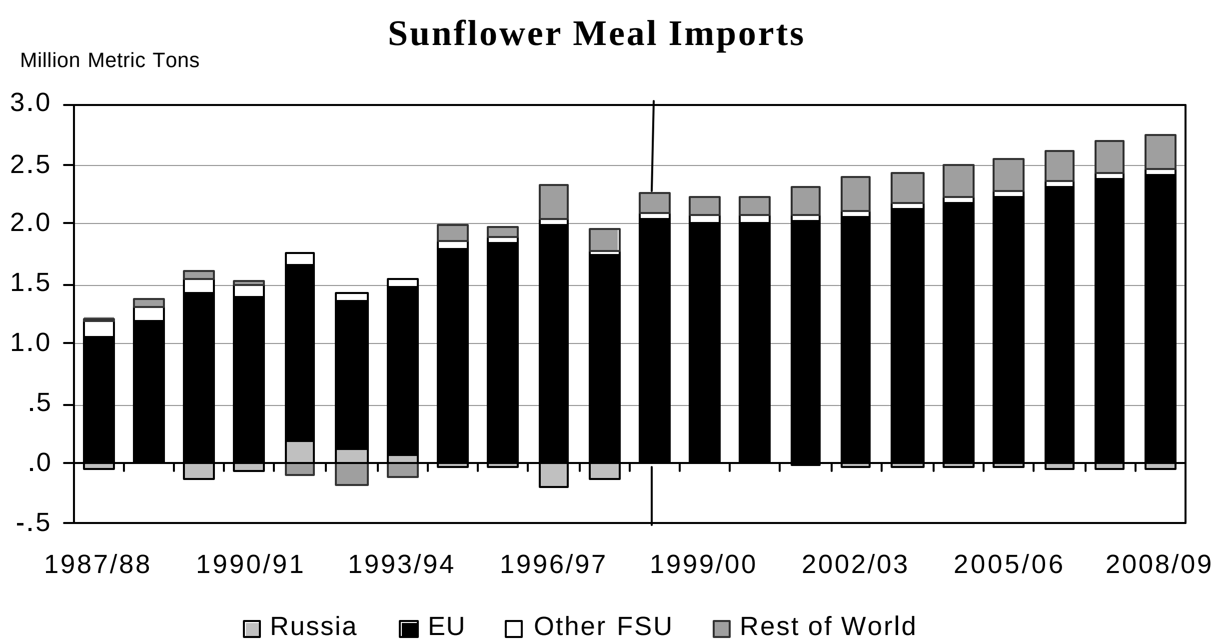

World Sunflower Area Harvested
Million Hectares
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
EU
China
Argentina
Ukraine
Others

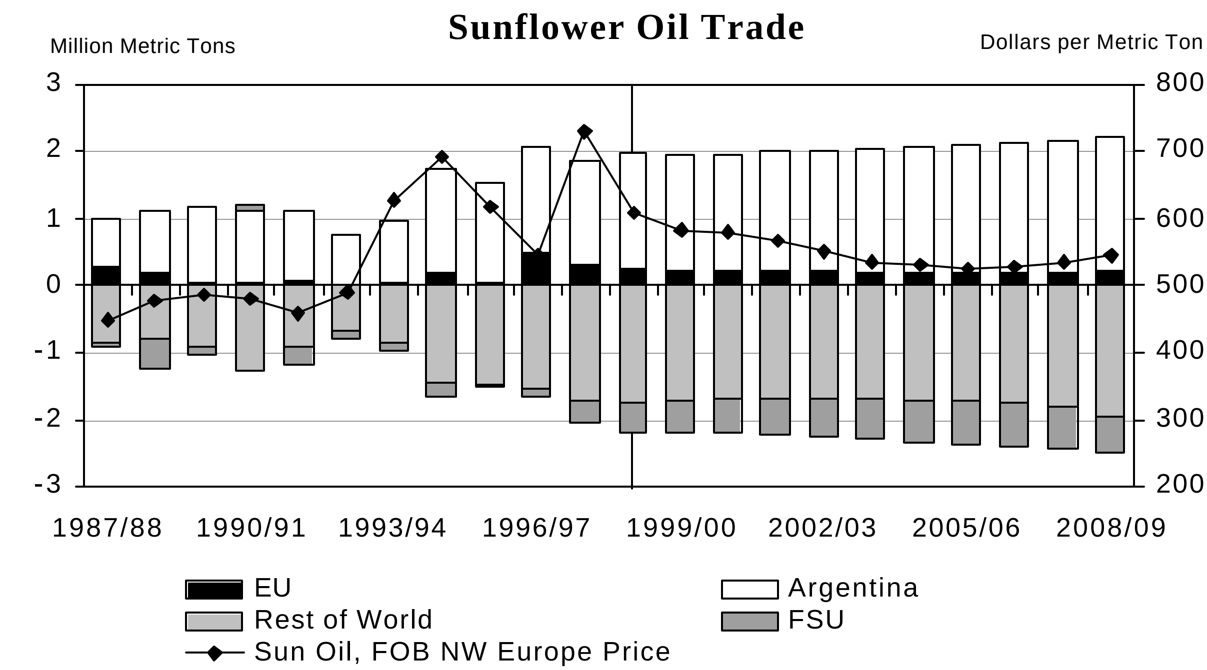

Metric Tons per Hectare
Sunflower Yield
2.2
2.1
2.0
1.9
1.8
1.7
1.6
1.5
1.4
1.3
1.2
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Argentina
EU
China

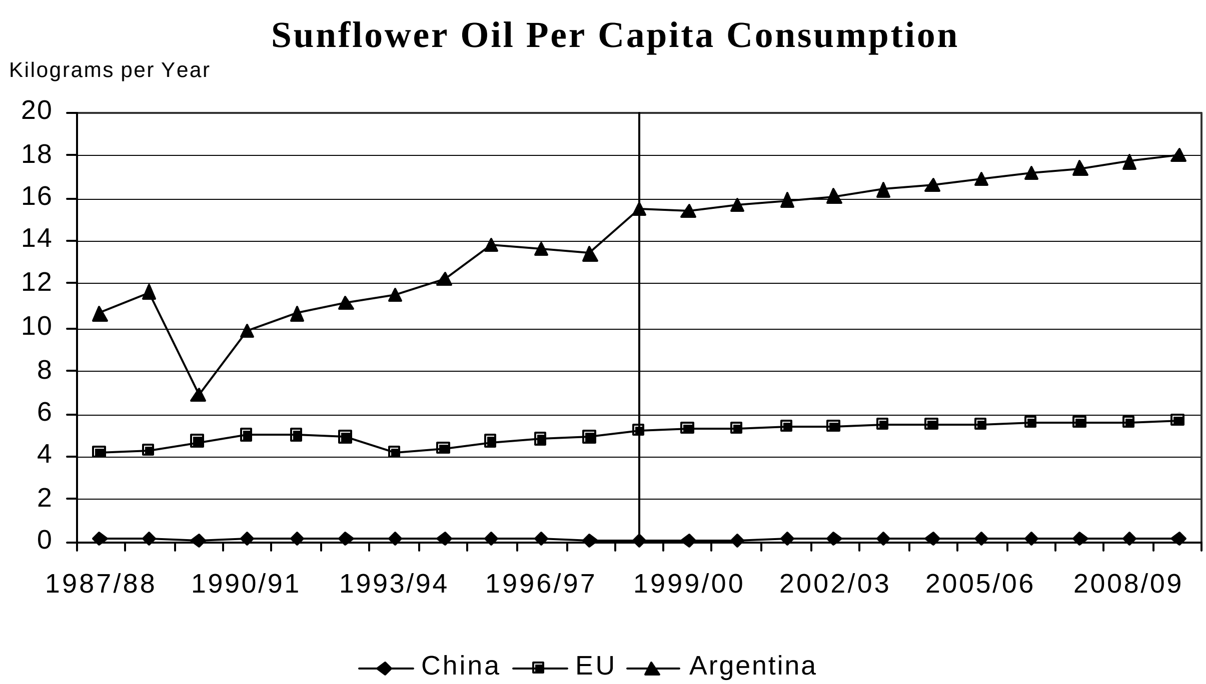

Sunflower Trade
Million Metric Tons
4
3
2
1
0
-1
-2
-3
-4
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Argentina
Russia
Ukraine
EU


Sunflower Stocks-to-Use Ratio Versus Price
Dollars per Metric Ton
Percent
350
300
250
200
150
100
50
0
8
7
6
5
4
3
2
1
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Stock-to-Use Ratio
Sunflower, CIF Lower Rhine Price


Sunflower Meal Exports
Million Metric Tons
Dollars per Metric Ton
3.0
2.5
2.0
1.5
1.0
.5
.0
-.5
160
140
120
100
80
60
40
20
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Argentina
China
Ukraine
Sunflower Meal, CIF Rotterdam Price


Sunflower Meal Imports
Million Metric Tons
3.0
2.5
2.0
1.5
1.0
.5
.0
-.5
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Russia
EU
Other FSU
Rest of World


Sunflower Oil Trade
Million Metric Tons
Dollars per Metric Ton
3
2
1
0
-1
-2
-3
800
700
600
500
400
300
200
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
EU
Argentina
Rest of World
FSU
Sun Oil, FOB NW Europe Price


Sunflower Oil Per Capita Consumption
Kilograms per Year
20
18
16
14
12
10
8
6
4
2
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
China
EU
Argentina

World Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed						(Thousand Hectares)					
Area Harvested	21,676	21,757	21,720	21,908	22,097	22,304	22,500	22,731	22,948	23,214	23,469
						(Thousand Metric Tons)					
Production	26,498	26,543	26,565	26,947	27,343	27,750	28,212	28,683	29,139	29,674	30,199
Crush	23,232	23,454	23,725	24,175	24,584	25,009	25,434	25,892	26,342	26,880	27,463
Other Use	2,782	2,884	2,668	2,623	2,605	2,581	2,618	2,626	2,631	2,622	2,566
Ending Stocks	1,089	1,134	1,143	1,124	1,108	1,094	1,077	1,063	1,045	1,032	1,013
Trade *	2,893	2,903	2,992	3,068	3,153	3,238	3,333	3,426	3,521	3,614	3,719
Sunflower Meal											
Production	10,528	10,650	10,783	10,994	11,181	11,376	11,571	11,781	11,988	12,236	12,507
Consumption	10,437	10,538	10,710	10,919	11,102	11,286	11,481	11,687	11,893	12,134	12,410
Ending Stocks	262	276	249	224	202	189	175	164	154	149	137
Trade *	2,285	2,259	2,262	2,319	2,376	2,430	2,483	2,542	2,599	2,657	2,713
Sunflower Oil											
Production	8,919	9,438	9,545	9,723	9,889	10,065	10,239	10,428	10,614	10,837	11,080
Consumption	9,511	9,673	9,789	9,960	10,123	10,299	10,483	10,669	10,863	11,088	11,336
Ending Stocks	615	630	636	649	666	682	688	697	697	695	689
Trade *	1,973	1,927	1,920	1,956	1,978	2,005	2,040	2,078	2,120	2,190	2,286
						(Kilograms)					
Per Capita Consumption	1.59	1.59	1.59	1.59	1.60	1.60	1.61	1.62	1.65	1.68	1.72

* Excludes intraregional trade.

Argentine Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed					(Thousand Hectares)						
Area Harvested	3,750	3,702	3,665	3,721	3,781	3,835	3,886	3,942	3,994	4,051	4,104
					(Metric Tons per Hectare)						
Yield	1.79	1.78	1.80	1.82	1.84	1.85	1.87	1.89	1.90	1.92	1.93
					(Thousand Metric Tons)						
Production	6,700	6,578	6,604	6,774	6,947	7,108	7,266	7,431	7,593	7,759	7,923
Beginning Stocks	188	248	265	260	255	250	245	240	236	230	226
Domestic Supply	6,888	6,826	6,869	7,034	7,202	7,358	7,512	7,671	7,829	7,989	8,149
Crush	5,780	5,747	5,768	5,909	6,057	6,195	6,328	6,469	6,605	6,749	6,885
Other Use	60	61	62	63	64	64	65	66	66	67	68
Ending Stocks	248	265	260	255	250	245	240	236	230	226	220
Domestic Use	6,088	6,073	6,090	6,226	6,370	6,505	6,633	6,770	6,902	7,042	7,174
Net Trade	800	753	779	807	832	853	879	901	927	947	976
Sunflower Meal											
Production	2,429	2,414	2,422	2,482	2,544	2,602	2,658	2,717	2,774	2,834	2,892
Beginning Stocks	90	90	91	90	88	87	86	85	84	83	83
Domestic Supply	2,519	2,504	2,514	2,572	2,632	2,689	2,744	2,802	2,858	2,918	2,974
Consumption	169	187	199	209	217	225	232	239	246	254	261
Ending Stocks	90	91	90	88	87	86	85	84	83	83	82
Domestic Use	259	278	289	297	304	311	317	323	330	336	342
Net Trade	2,260	2,225	2,225	2,275	2,328	2,378	2,427	2,479	2,529	2,581	2,632
Sunflower Oil											
Production	2,312	2,299	2,307	2,364	2,423	2,478	2,531	2,588	2,642	2,699	2,754
Beginning Stocks	71	88	89	90	91	92	92	93	94	94	94
Domestic Supply	2,383	2,387	2,396	2,453	2,513	2,570	2,624	2,681	2,736	2,793	2,848
Consumption	561	567	583	600	617	635	653	671	690	709	728
Ending Stocks	88	89	90	91	92	92	93	94	94	94	94
Domestic Use	649	656	673	690	708	727	746	765	784	803	823
Net Trade	1,734	1,731	1,723	1,763	1,805	1,843	1,878	1,916	1,952	1,990	2,026

Chinese Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed						(Thousand Hectares)					
Area Harvested	700	714	720	731	734	736	741	747	753	760	767
						(Metric Tons per Hectare)					
Yield	1.79	1.80	1.82	1.82	1.83	1.83	1.84	1.85	1.85	1.86	1.87
						(Thousand Metric Tons)					
Production	1,250	1,287	1,309	1,333	1,341	1,350	1,364	1,381	1,396	1,413	1,432
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	1,250	1,287	1,309	1,333	1,341	1,350	1,364	1,381	1,396	1,413	1,432
Crush	830	847	852	875	877	881	888	898	908	920	933
Food Use	350	353	356	360	364	368	371	375	379	382	386
Other Use	65	66	67	68	70	73	74	76	78	81	82
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	1,245	1,267	1,275	1,304	1,311	1,321	1,333	1,350	1,365	1,383	1,402
Net Trade	5	20	33	30	30	29	31	31	31	30	30
Sunflower Meal											
Production	481	492	494	508	508	511	515	521	527	534	541
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	481	492	494	508	508	511	515	521	527	534	541
Feed Use	410	415	419	429	432	435	438	442	445	451	458
Industrial Use	71	73	74	75	76	77	79	80	81	82	83
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	481	488	493	504	508	512	517	522	526	533	541
Net Trade	0	3	1	3	0	-1	-2	-1	1	1	0
Sunflower Oil											
Production	182	186	187	193	193	194	195	198	200	202	205
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	182	186	187	193	193	194	195	198	200	202	205
Consumption	182	186	187	193	193	194	195	198	200	202	205
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	182	186	187	193	193	194	195	198	200	202	205
Net Trade	0	0	0	0	0	0	0	0	0	0	0

European Union Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed					(Thousand Hectares)						
Area Harvested	2,151	2,077	2,044	2,015	2,000	1,980	1,965	1,956	1,949	1,950	1,892
Industrial Area Harvested	76	57	56	57	56	54	54	52	52	50	109
Total Area Harvested	2,227	2,133	2,100	2,072	2,056	2,034	2,019	2,009	2,001	2,000	2,001
					(Metric Tons per Hectare)						
Yield	1.72	1.74	1.75	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.83
					(Thousand Metric Tons)						
Production	3,826	3,701	3,678	3,657	3,656	3,641	3,644	3,644	3,646	3,656	3,668
Beginning Stocks	344	320	328	343	332	323	314	304	295	285	276
Domestic Supply	4,170	4,021	4,006	4,001	3,988	3,964	3,958	3,948	3,941	3,940	3,944
Crush	5,776	5,853	5,929	5,988	6,028	6,055	6,084	6,115	6,158	6,223	6,309
Other Use	627	634	646	655	665	678	688	701	711	725	735
Ending Stocks	320	328	343	332	323	314	304	295	285	276	265
Domestic Use	6,723	6,814	6,918	6,975	7,016	7,047	7,076	7,110	7,153	7,225	7,309
Net Trade	-2,553	-2,793	-2,912	-2,974	-3,027	-3,084	-3,118	-3,162	-3,212	-3,284	-3,365
Sunflower Meal											
Production	2,990	3,030	3,070	3,101	3,122	3,137	3,152	3,169	3,191	3,226	3,271
Beginning Stocks	140	151	162	137	113	93	81	68	58	49	44
Domestic Supply	3,130	3,181	3,232	3,238	3,235	3,230	3,233	3,237	3,250	3,274	3,315
Consumption	5,010	5,012	5,088	5,148	5,198	5,272	5,341	5,416	5,494	5,593	5,684
Ending Stocks	151	162	137	113	93	81	68	58	49	44	34
Domestic Use	5,161	5,174	5,225	5,261	5,291	5,352	5,409	5,475	5,543	5,637	5,717
Net Trade	-2,031	-1,993	-1,993	-2,023	-2,055	-2,123	-2,176	-2,238	-2,293	-2,363	-2,402
Sunflower Oil											
Production	2,408	2,447	2,479	2,504	2,521	2,533	2,545	2,557	2,575	2,602	2,637
Beginning Stocks	183	187	195	197	202	209	216	217	220	219	217
Domestic Supply	2,591	2,634	2,674	2,701	2,723	2,742	2,760	2,775	2,796	2,821	2,854
Consumption	2,156	2,223	2,238	2,265	2,294	2,322	2,345	2,369	2,390	2,410	2,423
Ending Stocks	187	195	197	202	209	216	217	220	219	217	212
Domestic Use	2,343	2,418	2,435	2,466	2,503	2,538	2,562	2,589	2,609	2,626	2,635
Net Trade	248	216	239	234	220	204	198	186	187	195	219

Russian Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed						(Thousand Hectares)					
Area Harvested	4,100	4,172	4,219	4,276	4,325	4,378	4,428	4,479	4,530	4,587	4,645
						(Metric Tons per Hectare)					
Yield	0.68	0.68	0.69	0.70	0.71	0.72	0.73	0.74	0.76	0.77	0.78
						(Thousand Metric Tons)					
Production	2,800	2,851	2,906	2,980	3,059	3,146	3,235	3,329	3,424	3,527	3,632
Beginning Stocks	15	15	21	20	18	16	15	13	12	10	9
Domestic Supply	2,815	2,866	2,927	3,000	3,077	3,163	3,250	3,342	3,436	3,538	3,641
Crush	1,600	1,623	1,652	1,687	1,719	1,755	1,790	1,827	1,864	1,907	1,951
Other Use	100	100	105	114	125	139	155	171	189	207	226
Ending Stocks	15	21	20	18	16	15	13	12	10	9	7
Domestic Use	1,920	1,953	1,990	2,035	2,081	2,133	2,185	2,240	2,297	2,359	2,423
Net Trade	895	913	937	965	996	1,029	1,065	1,102	1,140	1,179	1,218
Sunflower Meal											
Production	608	617	628	641	653	667	680	694	708	724	741
Beginning Stocks											
Domestic Supply	608	617	628	641	653	667	680	694	708	724	741
Consumption	616	634	641	630	624	642	651	660	669	677	693
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	616	634	641	630	624	642	651	660	669	677	693
Net Trade	-8	-17	-13	11	30	25	30	35	39	48	48
Sunflower Oil											
Production	640	649	661	675	688	702	716	731	746	763	780
Beginning Stocks	80	82	84	86	88	91	93	95	97	100	102
Domestic Supply	720	731	745	761	776	793	809	826	843	863	883
Consumption	986	1,022	1,043	1,064	1,086	1,108	1,130	1,153	1,176	1,199	1,223
Ending Stocks	82	84	86	88	91	93	95	97	100	102	105
Domestic Use	1,068	1,106	1,129	1,153	1,176	1,201	1,225	1,250	1,276	1,302	1,328
Net Trade	-348	-375	-384	-392	-400	-408	-416	-424	-433	-439	-445

Ukrainian Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed					(Thousand Hectares)						
Area Harvested	2,100	2,112	2,076	2,104	2,112	2,146	2,174	2,212	2,245	2,299	2,352
					(Metric Tons per Hectare)						
Yield	1.10	1.11	1.12	1.13	1.15	1.17	1.19	1.22	1.25	1.28	1.31
					(Thousand Metric Tons)						
Production	2,300	2,334	2,320	2,383	2,429	2,511	2,593	2,693	2,795	2,931	3,075
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	2,300	2,334	2,320	2,383	2,429	2,511	2,593	2,693	2,795	2,931	3,075
Crush	1,115	1,114	1,082	1,105	1,117	1,156	1,197	1,253	1,293	1,380	1,493
Other Use	100	110	97	108	110	123	133	146	178	197	197
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	1,215	1,224	1,179	1,212	1,227	1,279	1,330	1,399	1,471	1,576	1,690
Net Trade	1,085	1,110	1,140	1,171	1,202	1,232	1,263	1,294	1,324	1,355	1,385
Sunflower Meal											
Production	502	501	487	497	503	520	539	564	582	621	672
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	502	501	487	497	503	520	539	564	582	621	672
Consumption	477	471	451	455	455	468	480	500	512	546	591
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	477	471	451	455	455	468	480	500	512	546	591
Net Trade	25	30	36	42	47	53	58	64	70	75	81
Sunflower Oil											
Production	484	483	469	479	485	502	519	544	561	598	648
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	484	483	469	479	485	502	519	544	561	598	648
Consumption	493	502	511	521	532	543	555	567	580	593	606
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	493	502	511	521	532	543	555	567	580	593	606
Net Trade	-9	-19	-42	-42	-48	-42	-36	-24	-19	6	42

Other Former Soviet Union Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed						(Thousand Hectares)					
Area Harvested	473	490	471	457	458	467	476	487	498	512	527
						(Metric Tons per Hectare)					
Yield	0.70	0.70	0.70	0.71	0.72	0.73	0.74	0.75	0.77	0.79	0.81
						(Thousand Metric Tons)					
Production	332	344	332	324	328	340	352	368	385	406	429
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	332	344	332	324	328	340	352	368	385	406	429
Crush	181	190	186	184	188	197	207	219	232	248	265
Other Use	43	47	44	45	46	47	49	49	53	55	55
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	224	237	230	228	234	245	256	268	285	303	320
Net Trade	108	107	102	96	94	95	96	100	100	103	109
Sunflower Meal											
Production	60	72	71	70	72	75	79	83	88	94	101
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	60	72	71	70	72	75	79	83	88	94	101
Consumption	104	126	128	123	121	124	129	136	142	149	152
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	104	126	128	123	121	124	129	136	142	149	152
Net Trade	-44	-54	-58	-53	-49	-49	-50	-52	-54	-54	-51
Sunflower Oil											
Production	148	155	151	150	153	161	169	178	189	202	216
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	148	155	151	150	153	161	169	178	189	202	216
Consumption	242	244	261	278	295	313	330	348	365	368	371
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	242	244	261	278	295	313	330	348	365	368	371
Net Trade	-94	-89	-110	-129	-142	-152	-162	-170	-177	-167	-155

Rest-of-World Sunflower Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sunflower Seed					(Thousand Hectares)						
Area Harvested	8,326	8,434	8,469	8,548	8,631	8,707	8,777	8,855	8,926	9,005	9,073
					(Metric Tons per Hectare)						
Yield	1.12	1.12	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
Production	9,290	9,447	9,418	9,495	9,582	9,654	9,758	9,839	9,900	9,982	10,039
Beginning Stocks	362	506	520	520	520	520	520	520	520	520	520
Domestic Supply	9,652	9,953	9,937	10,015	10,102	10,173	10,278	10,358	10,420	10,502	10,559
Crush	7,950	8,081	8,256	8,428	8,599	8,769	8,940	9,111	9,282	9,455	9,626
Other Use	1,437	1,513	1,290	1,211	1,160	1,090	1,083	1,042	977	907	817
Ending Stocks	506	520	520	520	520	520	520	520	520	520	520
Domestic Use	9,893	10,113	10,067	10,159	10,278	10,378	10,543	10,672	10,779	10,882	10,963
Net Trade	-241	-160	-129	-144	-176	-205	-265	-314	-359	-380	-404
Sunflower Meal											
Production	3,458	3,524	3,610	3,695	3,779	3,863	3,948	4,032	4,117	4,203	4,289
Beginning Stocks	28	21	23	23	23	22	22	22	22	22	22
Domestic Supply	3,486	3,545	3,633	3,718	3,801	3,885	3,970	4,054	4,140	4,225	4,311
Consumption	3,651	3,692	3,783	3,924	4,055	4,121	4,210	4,294	4,384	4,466	4,571
Ending Stocks	21	23	23	23	22	22	22	22	22	22	22
Domestic Use	3,672	3,715	3,806	3,947	4,077	4,144	4,232	4,316	4,406	4,487	4,593
Net Trade	-186	-170	-173	-229	-275	-258	-262	-261	-266	-262	-283
Sunflower Oil											
Production	2,745	3,219	3,290	3,359	3,427	3,495	3,564	3,633	3,701	3,771	3,839
Beginning Stocks	273	258	262	264	269	275	281	283	285	284	282
Domestic Supply	3,018	3,477	3,552	3,623	3,696	3,771	3,845	3,915	3,987	4,055	4,122
Consumption	4,891	4,928	4,965	5,039	5,106	5,184	5,275	5,364	5,463	5,607	5,779
Ending Stocks	258	262	264	269	275	281	283	285	284	282	278
Domestic Use	5,149	5,191	5,229	5,308	5,381	5,465	5,557	5,649	5,747	5,889	6,057
Net Trade	-1,745	-1,713	-1,676	-1,685	-1,685	-1,695	-1,712	-1,734	-1,760	-1,834	-1,935

Palm Oil Complex

•While planting of palm trees is on the rise by traditional producers, such as Malaysia and Indonesia, the palm oil market will also be affected by the increased emphasis on palm production in major importing countries such as India.

•The EU accounts for almost all world trade in palm kernel meal and is expected to import 733 tmt more meal by the end of the period. Its palm oil imports are expected to increase by more than 660 tmt by 2008/09.

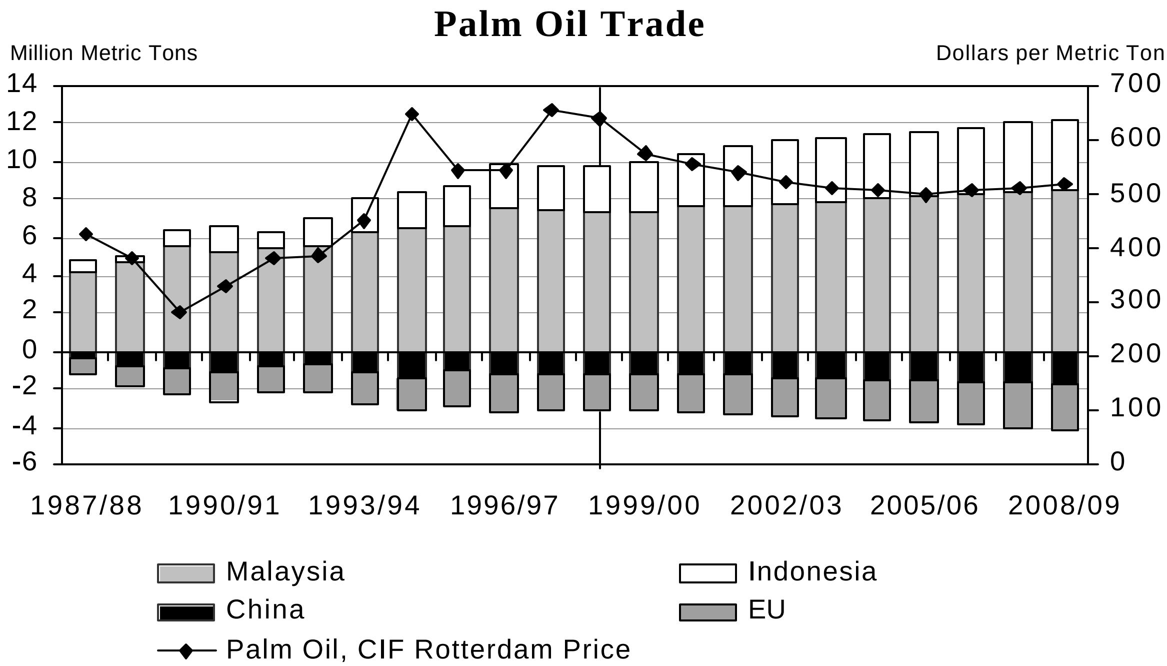
•Malaysia and Indonesia are the major producers of palm oil and related products, accounting for more than 75 percent of total production. Among the major importing countries are China, the EU, and India.

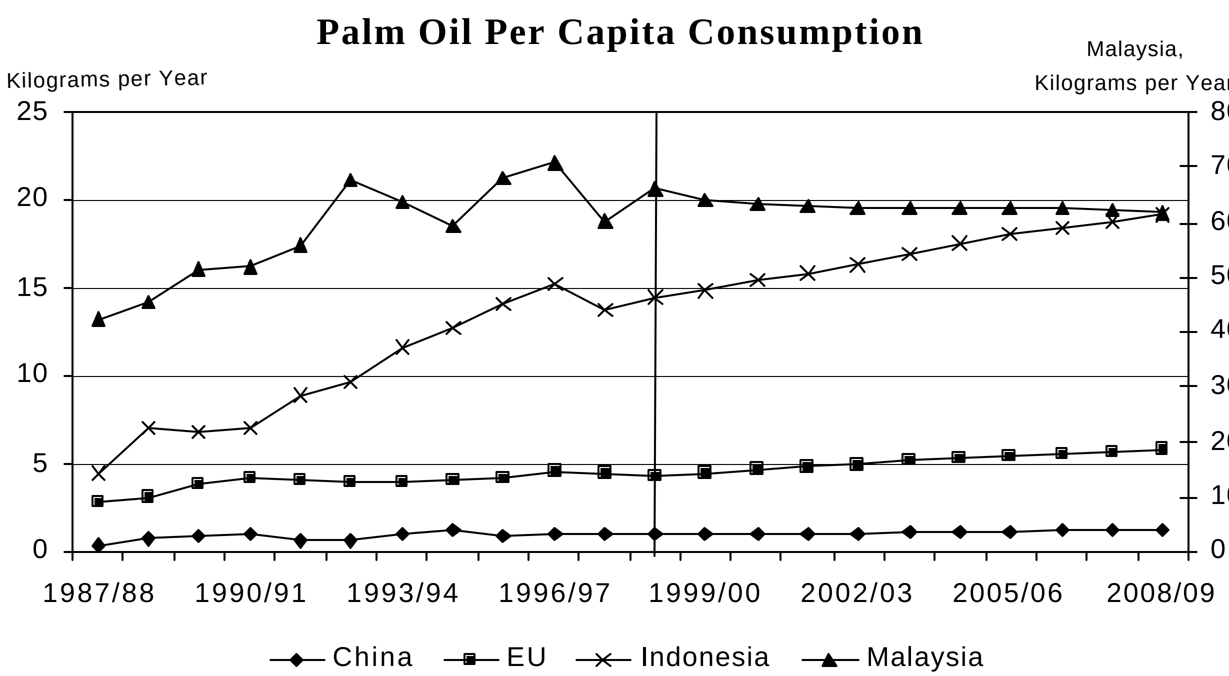
•During 1997/98, Malaysian and Indonesian palm oil production declined by 6 to 7 percent. Although production is slightly higher in 1998/99, palm oil was still selling at a premium over other vegetable oils. This resulted in some substitution away from palm oil by major importing countries.

•A steady increase in palm oil production is projected for Malaysia and Indonesia from about 14.3 mmt at present to about 18.6 mmt by 2008/09. Palm oil consumption is expected to drive this surge, mainly from countries like China and India, whose demand for palm oil is projected to increase the total trade by about 2.5 mmt by the end of the period.

World Palm Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Palm Oil											
Net Exporters					(Thousand Metric Tons)						
Malaysia	7,345	7,289	7,634	7,673	7,814	7,865	7,996	8,089	8,223	8,331	8,443
Indonesia	2,450	2,737	2,789	3,145	3,296	3,346	3,430	3,524	3,639	3,744	3,744
Total Net Exports	9,795	10,026	10,423	10,818	11,110	11,211	11,426	11,613	11,862	12,075	12,187
Net Importers											
China	1,250	1,288	1,330	1,331	1,363	1,423	1,495	1,552	1,610	1,656	1,706
European Union	1,835	1,864	1,952	2,022	2,089	2,154	2,215	2,277	2,331	2,384	2,444
Rest of World	5,225	5,373	5,690	6,065	6,309	6,334	6,466	6,584	6,771	6,934	6,986
Residual	1,485	1,500	1,450	1,400	1,350	1,300	1,250	1,200	1,150	1,100	1,050
Total Net Imports	9,795	10,026	10,423	10,818	11,110	11,211	11,426	11,613	11,862	12,075	12,187
Palm Kernel Meal											
Net Exporters											
Malaysia	1,376	1,352	1,402	1,403	1,441	1,456	1,486	1,505	1,533	1,555	1,580
Indonesia	745	785	833	930	981	1,014	1,051	1,090	1,126	1,156	1,190
Rest of World	99	86	113	118	122	123	125	126	127	126	127
Total Net Exports	2,220	2,223	2,348	2,451	2,544	2,593	2,662	2,721	2,786	2,836	2,897
Net Importers											
European Union	2,220	2,223	2,348	2,451	2,544	2,593	2,662	2,721	2,786	2,836	2,897
Residual	0	0	0	0	0	0	0	0	0	0	0
Total Net Imports	2,220	2,223	2,348	2,451	2,544	2,593	2,662	2,721	2,786	2,836	2,897
Palm Kernel Oil											
Net Exporters											
Malaysia	440	410	439	509	406	395	398	387	387	382	667
Indonesia	516	547	594	673	709	730	755	779	805	829	845
Total Net Exports	956	957	1,033	1,182	1,115	1,125	1,153	1,166	1,193	1,210	1,511
Net Importers											
European Union	496	497	500	505	511	518	525	533	540	547	554
Rest of World	381	360	438	587	520	527	553	563	588	603	902
Residual	70	100	95	90	85	80	75	70	65	60	55
Total Net Imports	947	957	1,033	1,182	1,115	1,125	1,153	1,166	1,193	1,210	1,511
CIF Rotterdam Prices					(U.S. Dollars per Metric Ton)						
Palm Oil	640	576	554	539	523	509	506	500	505	512	518
Palm Kernel Oil	623	578	575	562	544	528	527	523	529	539	538
Palm Kernel Meal	65	66	70	74	78	80	83	85	87	88	91


Palm Oil Trade
Million Metric Tons
Dollars per Metric Ton
14
12
10
8
6
4
2
0
-2
-4
-6
700
600
500
400
300
200
100
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Malaysia
Indonesia
China
EU
Palm Oil, CIF Rotterdam Price


Palm Oil Per Capita Consumption
Kilograms per Year
Malaysia,
Kilograms per Year
25
20
15
10
5
0
80
70
60
50
40
30
20
10
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
China
EU
Indonesia
Malaysia

World Palm Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Palm Oil					(Thousand Metric Tons)						
Production	17,657	18,025	18,662	19,305	19,884	20,252	20,724	21,181	21,643	22,077	22,544
Consumption	16,174	16,435	17,138	17,843	18,461	18,878	19,434	19,927	20,479	20,965	21,353
Trade *	9,795	10,026	10,423	10,818	11,110	11,211	11,426	11,613	11,862	12,075	12,187
					(Kilograms)						
Per Capita Consumption	2.70	2.70	2.78	2.85	2.91	2.94	2.99	3.02	3.11	3.18	3.24
Palm Kernel Meal					(Thousand Metric Tons)						
Production	2,807	2,853	2,951	3,062	3,161	3,224	3,305	3,379	3,459	3,534	3,614
Consumption	2,623	2,827	2,958	3,066	3,166	3,227	3,309	3,382	3,462	3,534	3,617
Trade *	2,220	2,223	2,348	2,451	2,544	2,593	2,662	2,721	2,786	2,836	2,897
Palm Kernel Oil											
Production	2,361	2,409	2,494	2,594	2,682	2,739	2,812	2,879	2,952	3,020	3,094
Consumption	2,286	2,277	2,392	2,495	2,585	2,648	2,733	2,806	2,890	2,966	3,042
Trade *	956	957	1,033	1,182	1,115	1,125	1,153	1,166	1,193	1,210	1,511
					(Kilograms)						
Per Capita Consumption	0.38	0.37	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.45	0.46

* Excludes intraregional trade.

Chinese Palm Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
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	1,250	1,288	1,330	1,331	1,363	1,423	1,495	1,552	1,610	1,656	1,706
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	1,250	1,288	1,330	1,331	1,363	1,423	1,495	1,552	1,610	1,656	1,706
Net Trade	-1,250	-1,288	-1,330	-1,331	-1,363	-1,423	-1,495	-1,552	-1,610	-1,656	-1,706

European Union Palm Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Palm Oil					(Thousand Metric Tons)						
Production	0	0	0	0	0	0	0	0	0	0	0
Beginning Stocks	131	126	127	128	128	129	129	129	130	130	130
Domestic Supply	131	126	127	128	128	129	129	129	130	130	130
Consumption	1,840	1,863	1,952	2,022	2,088	2,153	2,215	2,276	2,331	2,384	2,444
Ending Stocks	126	127	128	128	129	129	129	130	130	130	131
Domestic Use	1,966	1,990	2,080	2,150	2,217	2,282	2,344	2,406	2,461	2,514	2,575
Net Trade	-1,835	-1,864	-1,952	-2,022	-2,089	-2,154	-2,215	-2,277	-2,331	-2,384	-2,444
Palm Kernel Meal											
Production	13	14	13	13	13	13	13	12	12	12	12
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	13	14	13	13	13	13	13	12	12	12	12
Consumption	2,046	2,237	2,362	2,465	2,557	2,606	2,675	2,734	2,799	2,849	2,910
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	2,046	2,237	2,362	2,465	2,557	2,606	2,675	2,734	2,799	2,849	2,910
Net Trade	-2,220	-2,223	-2,348	-2,451	-2,544	-2,593	-2,662	-2,721	-2,786	-2,836	-2,897
Palm Kernel Oil											
Production	19	20	20	19	19	19	19	19	19	19	19
Beginning Stocks	16	15	16	17	17	17	18	18	18	18	18
Domestic Supply	35	35	35	36	36	36	37	37	37	37	37
Consumption	516	516	519	523	530	537	544	551	559	566	573
Ending Stocks	15	16	17	17	17	18	18	18	18	18	18
Domestic Use	531	532	535	540	547	554	562	569	577	584	591
Net Trade	-496	-497	-500	-505	-511	-518	-525	-533	-540	-547	-554

Indonesian Palm Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Palm Oil					(Thousand Metric Tons)						
Production	5,500	5,841	6,034	6,513	6,817	7,003	7,223	7,454	7,673	7,883	8,121
Beginning Stocks	140	236	250	245	239	234	228	219	211	200	189
Domestic Supply	5,640	6,077	6,283	6,758	7,057	7,237	7,450	7,673	7,884	8,083	8,310
Consumption	2,954	3,091	3,250	3,375	3,527	3,663	3,801	3,938	4,045	4,150	4,266
Ending Stocks	236	250	245	239	234	228	219	211	200	189	177
Domestic Use	3,190	3,340	3,495	3,614	3,761	3,891	4,020	4,149	4,245	4,339	4,443
Net Trade	2,450	2,737	2,789	3,145	3,296	3,346	3,430	3,524	3,639	3,744	3,744
Palm Kernel Meal											
Production	832	898	940	1,039	1,095	1,136	1,180	1,227	1,272	1,317	1,364
Beginning Stocks	54	41	47	43	39	35	33	30	28	25	25
Domestic Supply	886	939	987	1,082	1,134	1,171	1,212	1,257	1,300	1,342	1,389
Consumption	100	107	111	114	118	124	131	139	148	162	177
Ending Stocks	41	47	43	39	35	33	30	28	25	25	23
Domestic Use	141	154	154	152	152	157	161	166	173	186	199
Net Trade	745	785	833	930	981	1,014	1,051	1,090	1,126	1,156	1,190
Palm Kernel Oil											
Production	736	793	833	924	976	1,015	1,058	1,103	1,147	1,191	1,238
Beginning Stocks	45	35	50	51	55	60	65	66	67	66	65
Domestic Supply	781	828	883	975	1,031	1,076	1,122	1,169	1,214	1,258	1,302
Consumption	230	232	238	247	262	281	301	322	343	364	392
Ending Stocks	35	50	51	55	60	65	66	67	66	65	66
Domestic Use	265	282	289	302	322	346	367	390	409	429	458
Net Trade	516	547	594	673	709	730	755	779	805	829	845

Malaysian Palm Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Palm Oil						(Thousand Metric Tons)					
Production	8,800	8,778	9,148	9,241	9,446	9,559	9,748	9,910	10,097	10,266	10,441
Beginning Stocks	719	760	795	798	795	792	788	774	763	742	719
Domestic Supply	9,519	9,538	9,943	10,039	10,240	10,351	10,536	10,684	10,860	11,008	11,161
Consumption	1,414	1,454	1,511	1,572	1,634	1,698	1,766	1,832	1,895	1,958	2,020
Ending Stocks	760	795	798	795	792	788	774	763	742	719	697
Domestic Use	2,174	2,249	2,309	2,366	2,426	2,486	2,540	2,595	2,637	2,677	2,718
Net Trade	7,345	7,289	7,634	7,673	7,814	7,865	7,996	8,089	8,223	8,331	8,443
Palm Kernel Meal											
Production	1,431	1,406	1,456	1,459	1,496	1,510	1,541	1,560	1,588	1,610	1,636
Beginning Stocks	153	153	152	150	151	151	150	150	150	150	150
Domestic Supply	1,584	1,559	1,607	1,609	1,647	1,661	1,691	1,710	1,738	1,760	1,786
Consumption	55	55	55	55	55	55	55	55	55	55	55
Ending Stocks	153	152	150	151	151	150	150	150	150	150	150
Domestic Use	208	207	205	206	206	205	205	205	205	205	205
Net Trade	1,376	1,352	1,402	1,403	1,441	1,456	1,486	1,505	1,533	1,555	1,580
Palm Kernel Oil											
Production	1,140	1,120	1,159	1,162	1,192	1,203	1,227	1,242	1,265	1,282	1,302
Beginning Stocks	90	90	98	102	107	113	119	122	124	122	118
Domestic Supply	1,230	1,210	1,257	1,264	1,298	1,315	1,346	1,364	1,388	1,404	1,420
Consumption	700	701	716	649	779	801	827	854	879	905	639
Ending Stocks	90	98	102	107	113	119	122	124	122	118	114
Domestic Use	790	799	818	756	892	920	948	977	1,001	1,022	753
Net Trade	440	410	439	509	406	395	398	387	387	382	667

Rest-of-World Palm Oil Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Palm Oil					(Thousand Metric Tons)						
Production	3,317	3,369	3,439	3,504	3,571	3,636	3,695	3,755	3,806	3,857	3,907
Beginning Stocks	504	330	334	368	393	424	454	457	468	447	422
Domestic Supply	3,821	3,699	3,773	3,873	3,964	4,060	4,148	4,212	4,274	4,304	4,328
Consumption	8,716	8,739	9,095	9,544	9,849	9,940	10,157	10,328	10,598	10,816	10,916
Ending Stocks	330	334	368	393	424	454	457	468	447	422	399
Domestic Use	9,046	9,073	9,463	9,937	10,273	10,394	10,614	10,796	11,045	11,238	11,315
Net Trade	-5,225	-5,373	-5,690	-6,065	-6,309	-6,334	-6,466	-6,584	-6,771	-6,934	-6,986
Palm Kernel Meal											
Production	531	535	542	550	557	565	572	579	587	594	602
Beginning Stocks	17	17	39	38	37	36	35	34	34	33	33
Domestic Supply	548	552	581	588	594	600	607	614	620	627	635
Consumption	422	427	430	433	436	442	448	454	460	469	475
Ending Stocks	17	39	38	37	36	35	34	34	33	33	32
Domestic Use	439	466	468	470	472	478	482	488	493	502	508
Net Trade	99	86	113	118	122	123	125	126	127	126	127
Palm Kernel Oil											
Production	466	476	482	489	495	502	508	515	522	529	536
Beginning Stocks	40	47	55	55	55	55	55	55	55	55	55
Domestic Supply	506	523	537	544	550	557	564	570	577	584	591
Consumption	840	828	920	1,076	1,015	1,029	1,061	1,079	1,109	1,132	1,438
Ending Stocks	47	55	55	55	55	55	55	55	55	55	55
Domestic Use	887	883	975	1,131	1,070	1,084	1,117	1,134	1,165	1,187	1,493
Net Trade	-381	-360	-438	-587	-520	-527	-553	-563	-588	-603	-902

Peanuts

•World area under peanuts is projected to grow by another 325 thousand hectares in the coming decade, increasing the total production to 28.1 mmt by 2008/09. One distinguishing characteristic of the peanut sector is that a large amount of the production (nearly 50 percent) is consumed directly (as food or in confectionery products), while only about 10 percent of other oilseeds are directly used as food. In addition, most of the production is either consumed or processed domestically, and only a small fraction is traded globally (about 6 to 7 percent of total production).

•China is the largest peanut producer in the world producing 10.2 mmt from 3.8 million hectares in 1998/99. As increases are projected in both Chinese peanut area, as well as productivity, total peanuts production is projected to increase by another 1.7 mmt by the end of the projection period to 11.9 mmt.

•India ranks first in world harvested peanut area. However, due to extremely low productivity (about 1 mt per hectare, compared to about 3 mt per hectare in China), total output is only about 8 mmt per year.

•The European Union is, by far, the largest importer of all peanut products and is expected to remain so over the projection period.

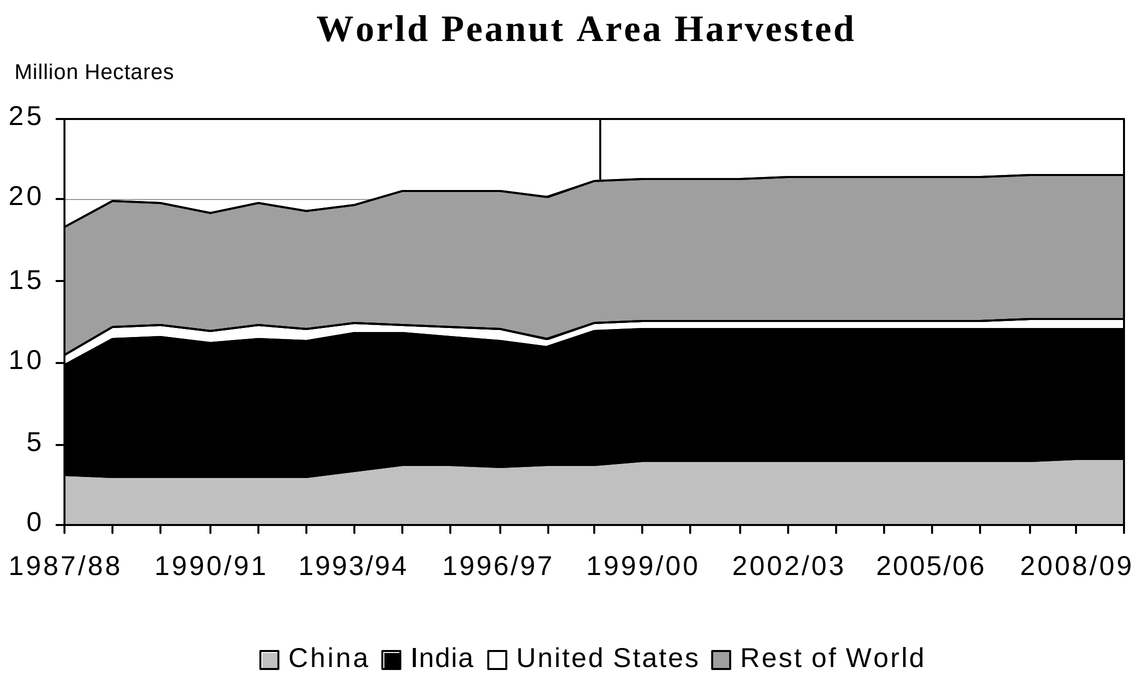
•About 45 percent of Chinese peanut output is used in direct food consumption, while most of the rest is crushed for oil and meal. Subsequent to increases in crush amounts over the projection years, Chinese total meal and oil production is expected to increase by 19 percent and 21.2 percent, respectively. Trade in both meal and oil is negligible.

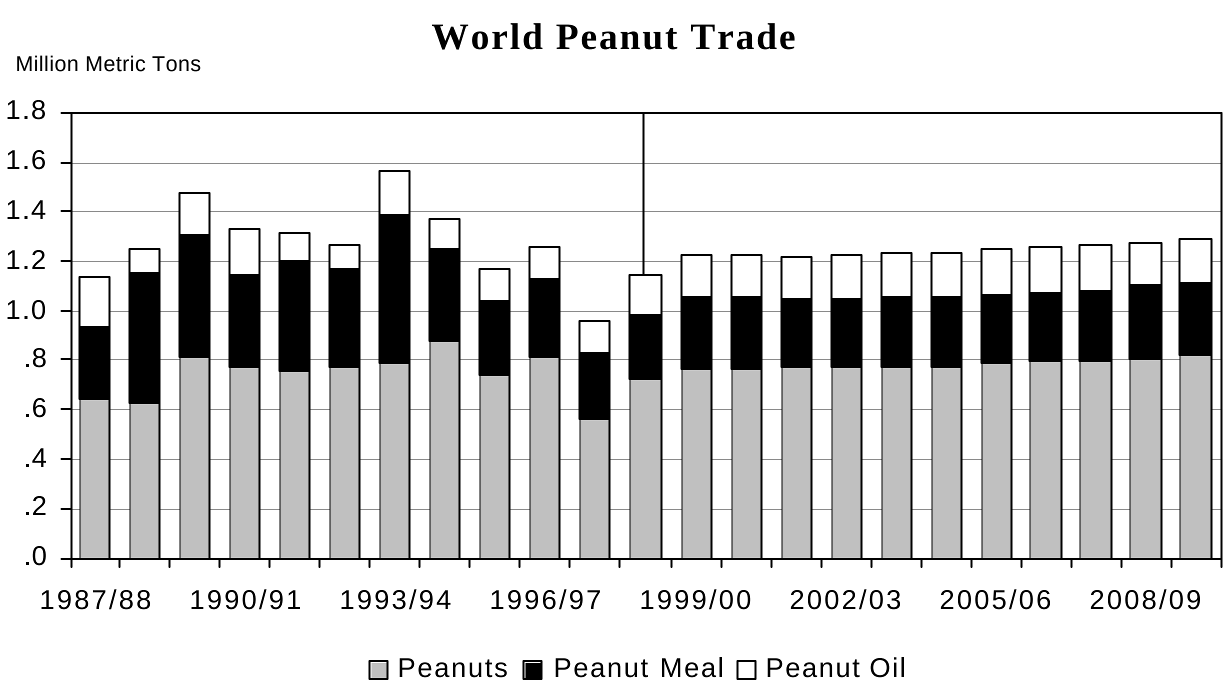
•Unlike China, most peanuts in India (80 percent) are processed for oil to meet the growing domestic demand for vegetable oils. Although India exports small amounts of both peanuts and peanut meal, there are no imports of peanut oil. This is primarily due to the high premium on peanut oil in world markets, inducing the government to import the cheaper oils (like sunflower, soybean, or palm) instead.

•While consumption of most of the other oils is increasing globally, per capita consumption of peanut oil is mostly stagnant or even showing a slight decline. This can mostly be attributed to the relatively higher levels of saturated fat in the composition of peanut oil, compared to other vegetable oils such as soybean or sunflower.

World Peanut Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut											
Net Exporters					(Thousand Metric Tons)						
China	270	279	274	271	269	267	268	269	272	274	278
India	180	185	189	194	199	204	209	214	219	225	230
United States	271	310	309	310	308	309	304	303	301	300	298
Total Net Exports	721	773	772	775	775	780	781	787	793	799	807
Net Importers											
European Union	514	506	505	505	505	505	505	505	505	505	505
Rest of World	191	217	218	220	220	224	226	231	238	243	252
Residual	16	50	50	50	50	50	50	50	50	50	50
Total Net Imports	721	773	772	775	775	780	781	787	793	799	807
Peanut Meal											
Net Exporters											
China	0	4	5	5	4	3	3	3	4	5	6
India	250	269	261	254	246	239	231	224	216	209	201
United States	18	16	16	14	16	17	16	17	17	17	18
Total Net Exports	268	288	283	272	271	274	276	279	283	286	290
Net Importers											
European Union	216	220	217	214	211	209	207	205	203	202	199
Rest of World	43	43	51	53	60	65	69	74	80	85	91
Residual	9	25	15	5	-5	-15	-25	-35	-45	-55	-65
Total Net Imports	268	288	283	272	271	274	276	279	283	286	290
Peanut Oil											
Net Exporters											
United States	5	5	5	5	5	5	4	4	4	4	4
Rest of World	154	160	161	165	170	174	175	177	177	177	175
Total Net Exports	159	165	167	170	174	178	180	182	182	181	179
Net Importers											
China	41	1	5	6	7	7	8	12	17	21	27
European Union	131	144	142	143	148	152	151	150	145	140	132
Residual	9	20	20	20	20	20	20	20	20	20	20
Total Net Imports	159	165	167	170	174	178	180	182	182	181	179


World Peanut Area Harvested
Million Hectares
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
China
India
United States
Rest of World


World Peanut Trade
Million Metric Tons
1.8
1.6
1.4
1.2
1.0
.8
.6
.4
.2
.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Peanuts
Peanut Meal
Peanut Oil

World Peanut Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut					(Million Hectares)						
Area Harvested	20,564	20,670	20,690	20,705	20,721	20,738	20,762	20,788	20,822	20,853	20,892
					(Thousand Metric Tons)						
Production	25,924	26,213	26,358	26,528	26,700	26,876	27,096	27,330	27,606	27,843	28,144
Consumption	12,398	12,488	12,551	12,672	12,813	12,964	13,119	13,279	13,444	13,620	13,802
Crush	13,758	13,982	14,070	14,120	14,148	14,173	14,236	14,307	14,417	14,476	14,593
Ending Stocks	145	148	144	141	137	133	129	126	122	118	114
Net Trade	721	773	772	775	775	780	781	787	793	799	807
Peanut Meal											
Production	5,497	5,686	5,723	5,744	5,756	5,767	5,793	5,822	5,867	5,892	5,941
Consumption	5,514	5,676	5,726	5,754	5,778	5,800	5,835	5,875	5,930	5,965	6,024
Net Trade	268	288	283	272	271	274	276	279	283	286	290
Peanut Oil											
Production	4,196	4,381	4,409	4,426	4,436	4,445	4,466	4,491	4,527	4,548	4,586
Consumption	4,211	4,362	4,394	4,410	4,420	4,429	4,451	4,475	4,512	4,532	4,571
Per Capita Consumption	0.70	0.72	0.71	0.71	0.70	0.69	0.68	0.68	0.68	0.69	0.69
Net Trade	159	165	167	170	174	178	180	182	182	181	179

U.S. Peanut Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut					(Thousand Hectares)						
Area Harvested	593	583	598	605	605	607	603	605	605	606	607
					(Metric Tons per Hectare)						
Yield	3.01	2.84	2.84	2.85	2.86	2.86	2.87	2.88	2.88	2.89	2.90
					(Thousand Metric Tons)						
Production	1,783	1,658	1,702	1,722	1,727	1,736	1,731	1,740	1,745	1,751	1,757
Beginning Stocks	385	431	385	377	378	376	378	374	373	372	370
Domestic Supply	2,168	2,089	2,087	2,099	2,105	2,111	2,109	2,114	2,118	2,123	2,127
Consumption	1,466	1,470	1,475	1,486	1,496	1,500	1,505	1,512	1,520	1,528	1,535
Crush	352	332	331	333	334	338	338	339	341	342	343
Ending Stocks	431	385	377	378	376	378	374	373	372	370	369
Domestic Use	1,896	1,855	1,852	1,864	1,872	1,878	1,879	1,886	1,891	1,898	1,905
Net Trade	271	235	235	235	233	234	230	229	227	225	223
Peanut Meal											
Production	135	132	135	135	136	138	138	139	139	140	141
Consumption	117	117	119	121	120	121	121	122	123	123	123
Net Trade	18	16	16	14	16	17	16	17	17	17	18
Peanut Oil											
Production	103	101	103	103	104	105	105	106	106	107	107
Consumption	98	95	98	99	99	100	101	101	102	103	103
Net Trade	5	5	5	5	5	5	4	4	4	4	4

European Union Peanut Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut					(Million Hectares)						
Area Harvested	1	1	1	1	1	1	1	1	1	1	1
					(Metric Tons per Hectare)						
Yield	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
					(Thousand Metric Tons)						
Production	1	1	1	1	1	1	1	1	1	1	1
Beginning Stocks	36	49	50	49	48	47	46	45	44	43	41
Domestic Supply	37	50	51	50	49	48	47	46	45	44	42
Consumption	488	494	494	494	493	493	493	492	492	491	490
Crush	14	12	13	13	14	14	15	15	16	16	17
Ending Stocks	49	50	49	48	47	46	45	44	43	41	40
Domestic Use	551	556	556	555	554	553	552	551	550	549	547
Net Trade	-514	-506	-505	-505	-505	-505	-505	-505	-505	-505	-505
Peanut Meal											
Production	5	6	6	6	6	6	7	7	7	7	7
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	5	6	6	6	6	6	7	7	7	7	7
Consumption	221	226	223	220	217	215	213	212	210	209	207
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	221	226	223	220	217	215	213	212	210	209	207
Net Trade	-216	-220	-217	-214	-211	-209	-207	-205	-203	-202	-199
Peanut Oil											
Production	10	5	5	5	5	6	6	6	6	6	7
Beginning Stocks	7	12	14	14	15	15	16	16	16	16	16
Domestic Supply	17	17	19	19	20	21	22	22	23	23	22
Consumption	136	147	147	148	153	157	157	156	151	147	140
Ending Stocks	12	14	14	15	15	16	16	16	16	16	15
Domestic Use	148	161	161	163	168	173	173	172	167	163	155
Net Trade	-131	-144	-142	-143	-148	-152	-151	-150	-145	-140	-132

Chinese Peanut Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut						(Million Hectares)					
Area Harvested	3,800	3,820	3,827	3,833	3,840	3,850	3,863	3,880	3,901	3,921	3,944
						(Metric Tons per Hectare)					
Yield	2.68	2.71	2.73	2.76	2.79	2.82	2.86	2.90	2.94	2.98	3.02
Peanut						(Thousand Metric Tons)					
Production	10,200	10,351	10,436	10,561	10,700	10,853	11,031	11,236	11,467	11,677	11,919
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	10,200	10,351	10,436	10,561	10,700	10,853	11,031	11,236	11,467	11,677	11,919
Consumption	4,530	4,581	4,616	4,695	4,796	4,904	5,016	5,128	5,242	5,359	5,479
Crush	5,400	5,491	5,547	5,596	5,636	5,682	5,748	5,839	5,952	6,043	6,162
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	9,930	10,072	10,163	10,290	10,432	10,586	10,764	10,967	11,194	11,403	11,641
Net Trade	270	279	274	271	269	267	268	269	272	274	278
Peanut Meal											
Production	2,092	2,215	2,238	2,258	2,275	2,294	2,322	2,359	2,405	2,443	2,491
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	2,092	2,215	2,238	2,258	2,275	2,294	2,322	2,359	2,405	2,443	2,491
Consumption	2,100	2,212	2,233	2,254	2,272	2,291	2,319	2,356	2,401	2,438	2,485
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	2,100	2,212	2,233	2,254	2,272	2,291	2,319	2,356	2,401	2,438	2,485
Net Trade	0	4	5	5	4	3	3	3	4	5	6
Peanut Oil											
Production	1,674	1,803	1,822	1,839	1,853	1,868	1,891	1,921	1,959	1,989	2,029
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	1,674	1,803	1,822	1,839	1,853	1,868	1,891	1,921	1,959	1,989	2,029
Consumption	1,715	1,804	1,827	1,845	1,859	1,875	1,899	1,933	1,976	2,010	2,056
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	1,715	1,804	1,827	1,845	1,859	1,875	1,899	1,933	1,976	2,010	2,056
Net Trade	-41	-1	-5	-6	-7	-7	-8	-12	-17	-21	-27

Indian Peanut Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut					(Million Hectares)						
Area Harvested	8,100	8,177	8,176	8,167	8,157	8,146	8,137	8,126	8,118	8,109	8,104
					(Metric Tons per Hectare)						
Yield	0.98	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.01
Peanut					(Thousand Metric Tons)						
Production	7,900	8,000	8,042	8,067	8,080	8,081	8,101	8,107	8,129	8,133	8,168
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	7,900	8,000	8,042	8,067	8,080	8,081	8,101	8,107	8,129	8,133	8,168
Consumption	1,620	1,632	1,636	1,648	1,662	1,677	1,690	1,705	1,719	1,733	1,748
Crush	6,100	6,184	6,217	6,225	6,219	6,200	6,202	6,188	6,192	6,175	6,189
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	7,720	7,816	7,853	7,873	7,881	7,877	7,892	7,893	7,910	7,908	7,938
Net Trade	180	185	189	194	199	204	209	214	219	225	230
Peanut Meal											
Production	2,550	2,597	2,611	2,615	2,612	2,604	2,605	2,599	2,600	2,593	2,600
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	2,550	2,597	2,611	2,615	2,612	2,604	2,605	2,599	2,600	2,593	2,600
Consumption	2,295	2,323	2,345	2,356	2,360	2,360	2,368	2,370	2,379	2,379	2,393
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	2,300	2,328	2,350	2,361	2,365	2,365	2,373	2,375	2,384	2,385	2,398
Net Trade	250	269	261	254	246	239	231	224	216	209	201
Peanut Oil											
Production	1,750	1,793	1,803	1,805	1,803	1,798	1,798	1,795	1,796	1,791	1,795
Beginning Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Supply	1,750	1,793	1,803	1,805	1,803	1,798	1,798	1,795	1,796	1,791	1,795
Consumption	1,750	1,793	1,803	1,805	1,803	1,798	1,798	1,795	1,796	1,791	1,795
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Domestic Use	1,750	1,793	1,803	1,805	1,803	1,798	1,798	1,795	1,796	1,791	1,795
Net Trade	0	0	0	0	0	0	0	0	0	0	0

Rest-of-World Peanut Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Peanut					(Million Hectares)						
Area Harvested	8,663	8,673	8,687	8,704	8,723	8,742	8,762	8,781	8,802	8,822	8,844
					(Metric Tons per Hectare)						
Yield	0.90	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Peanut					(Thousand Metric Tons)						
Production	7,823	7,861	7,878	7,898	7,919	7,941	7,963	7,986	8,009	8,032	8,055
Beginning Stocks	86	96	98	95	93	90	87	85	82	79	77
Domestic Supply	7,909	7,957	7,976	7,993	8,012	8,031	8,051	8,070	8,091	8,111	8,132
Consumption	5,760	5,782	5,805	5,835	5,862	5,891	5,920	5,954	5,992	6,036	6,085
Crush	2,244	2,294	2,293	2,286	2,280	2,277	2,271	2,265	2,258	2,241	2,225
Ending Stocks	96	98	95	93	90	87	85	82	79	77	74
Domestic Use	8,100	8,173	8,194	8,214	8,232	8,255	8,276	8,302	8,329	8,355	8,384
Net Trade	-191	-217	-218	-220	-220	-224	-226	-231	-238	-243	-252
Peanut Meal											
Production	850	868	868	865	863	862	860	858	855	848	842
Beginning Stocks	19	19	20	19	18	17	16	15	14	13	12
Domestic Supply	869	887	888	884	881	879	876	873	869	861	854
Consumption	886	903	911	910	913	916	917	919	921	918	917
Ending Stocks	19	20	19	18	17	16	15	14	13	12	11
Domestic Use	912	931	939	938	941	944	945	947	949	946	946
Net Trade	-43	-43	-51	-53	-60	-65	-69	-74	-80	-85	-91
Peanut Oil											
Production	762	779	779	776	774	773	771	769	767	761	755
Beginning Stocks	5	3	5	5	5	4	4	4	4	3	3
Domestic Supply	767	782	784	781	779	778	775	773	770	764	758
Consumption	610	617	617	611	605	600	596	592	589	584	580
Ending Stocks	3	5	5	5	4	4	4	4	3	3	3
Domestic Use	613	622	622	616	609	604	600	596	593	587	583
Net Trade	154	160	161	165	170	174	175	177	177	177	175

COTTON

Cotton

•Net cotton trade fell considerably in 1998/99 to 3.73 mmt due to China's reduced imports and the continued economic difficulties in the rest of Asia. The United States saw its share of world net trade fall by almost half as U.S. net exports fell from 1.63 mmt in 1997/98 to 0.86 mmt in 1998/99, one of the lowest numbers in recent times. Increased competition from Africa, Australia, and India, coupled with China's reduction in imports, has hurt the U.S. trade share. Continued competition from the three regions and slow growth in world demand will keep the United States from fully regaining the trade share of previous years.

•World cotton prices are down substantially from the 1997/98 level with the A-Index averaging $1,278 per metric ton, a $313 per metric ton reduction from just one year ago. Prices will modestly decline through 2000 and begin to rebound in 2001/02 gradually. Even with the increases, the prices over the projection period remain at the lower end of the price range seen in recent history.

•Net exports by Africa continue to grow in 1998/99, reaching 961 tmt as a result of increased production from strong yields and record harvested area. This trend will continue beyond 1999. Increases in production outpace domestic consumption and result in net exports increasing to 988 tmt by 2008/09.

•Australia again showed strong growth in harvested area, harvesting 520,000 hectares in 1998/99, up 82,000 hectares from just one year earlier. As a result, exports have increased substantially, reaching a record 653 tmt in 1998/99. Assuming continued availability of irrigation, cotton should expand in the coming years, although at a slower rate. This continued increase in area and production, coupled with low domestic mill use, strengthens Australia's role in the world cotton market. Net exports reach 945 tmt by 2008/09.

•In 1998/99 normal yields and a slight rebound in area to 9.17 million hectares leads to production of 2.83 mmt in India. Weaker cotton prices are expected to reduce cotton area in 1999. In the long run, assuming trend yields and a recovery in harvested area, India is expected to remain a net exporter, reaching a trade surplus of 100 tmt of cotton by 2008/09.

•Despite a decline in harvested area, 1998/99 production in Pakistan is expected to rise to 1.57 mmt. However, reduced beginning stocks will limit supplies, and Pakistan will be a net importer of cotton in 1998/99. With limited growth in production, it is projected that Pakistan will remain a small net importer for most of the period.

•Turkish yields and area are relatively unchanged, leading to production of 806 tmt for 1998/99. A decrease in mill demand to 957 tmt in 1998/99 was offset by a similar decrease in imports (196 tmt). Domestic consumption and imports are projected to be down sharply from the 1997/98 levels. Economic problems in major export markets have hurt the Turkish textile industry. In the long run, growth in domestic use is expected to return, along with increased imports.

•Continued strength in Brazilian area and improving yields have led to a small increase in production, reaching 392 tmt in 1998/99. This increases has led to a decrease in imports to 315 tmt in 1998/99. Harvested area remains below recent historical levels and will further erode as area moves from cotton to grains and oilseeds. Yield growth partially offsets this decline in harvested area, but production fails to keep pace with domestic use and imports reach 458 tmt by 2008/09.

•Chinese harvested area remained relatively unchanged in 1998/99 at 4.5 mha, and yields were 958 kg per hectare for the same period. With production at 4.31 mmt, a reduction in stocks to 3.55 mmt and lower domestic consumption, China changed its net trade position from importing 507 tmt in 1997/98 to exporting 26 tmt in 1998/99. In the long run, cotton will continue to lose area to feed grains and oilseeds, limiting production. As a result, China will return to a net importer in 1999/00.

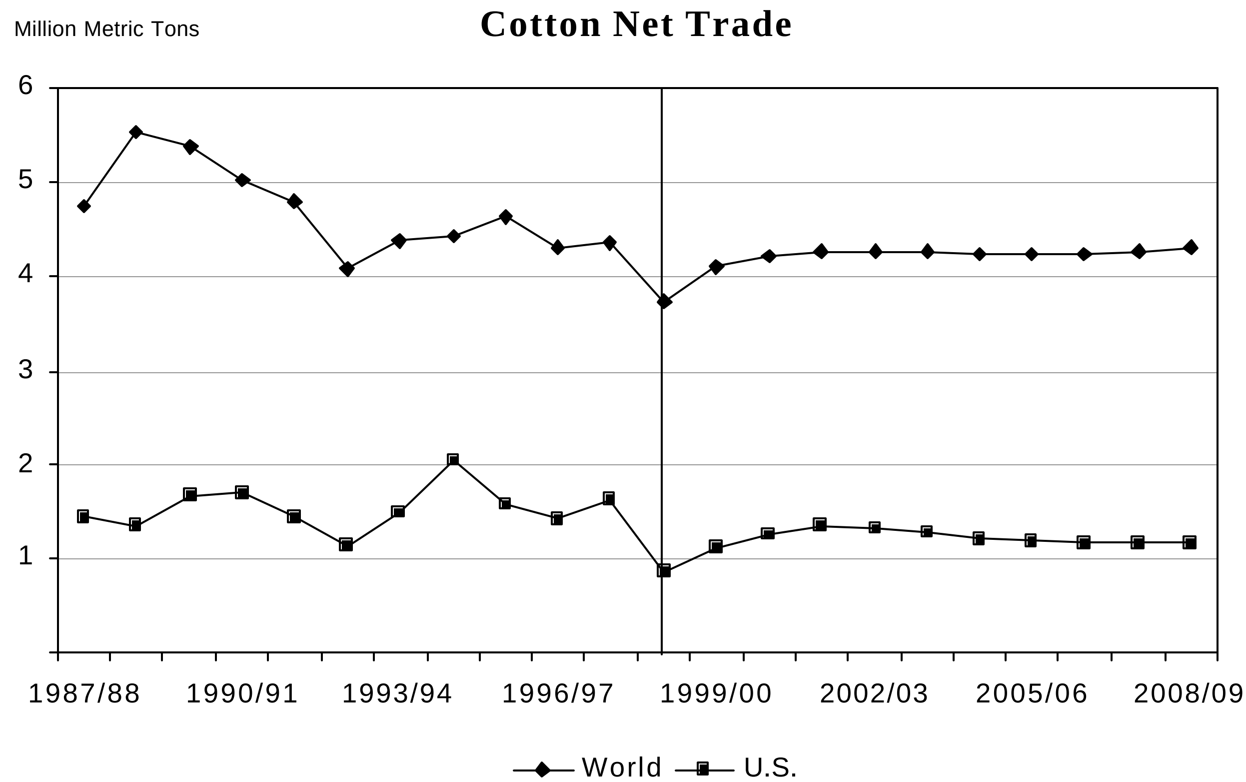
•Other Asian countries will continue to rely on other markets to meet its raw cotton needs. Net imports show modest growth over the period as consumption expands. Net imports are expected to expand from 1.07 mmt in 1998/99 to 1.15 mmt in 2008/09.

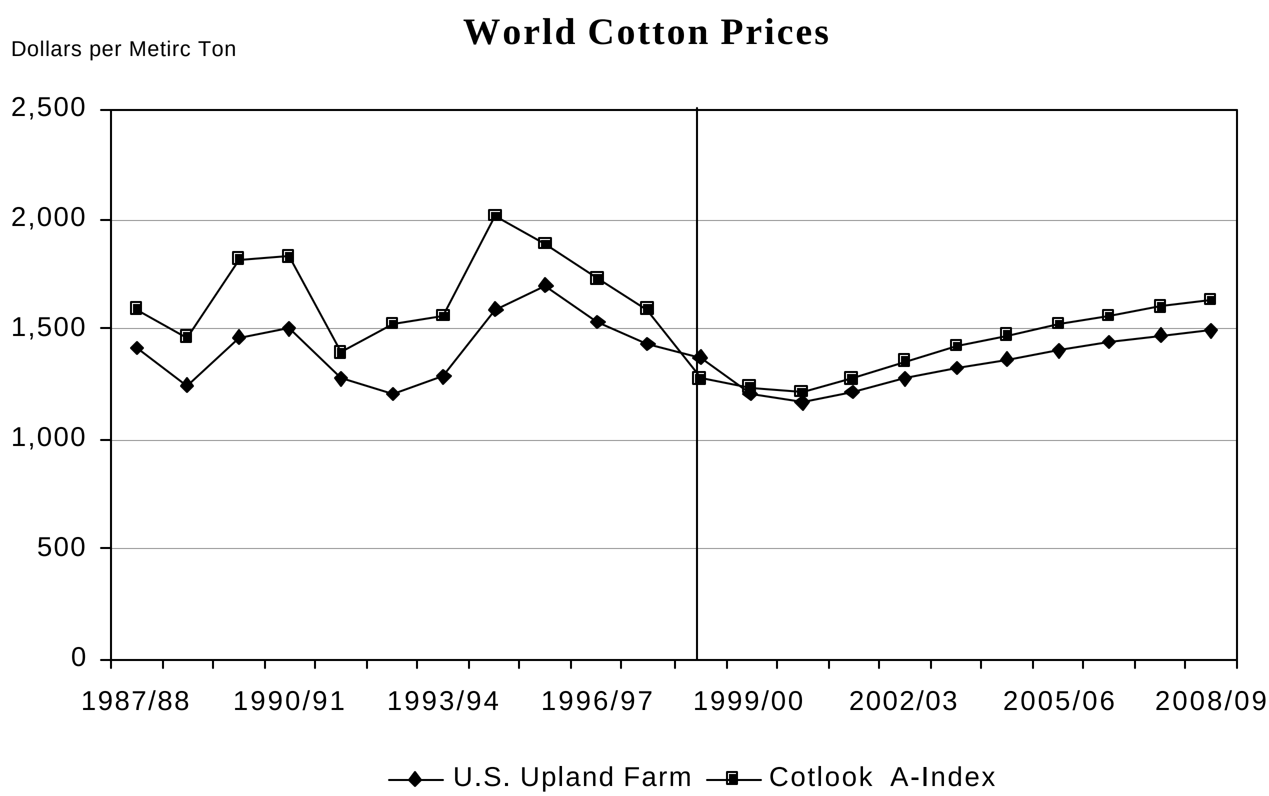
All Cotton Trade

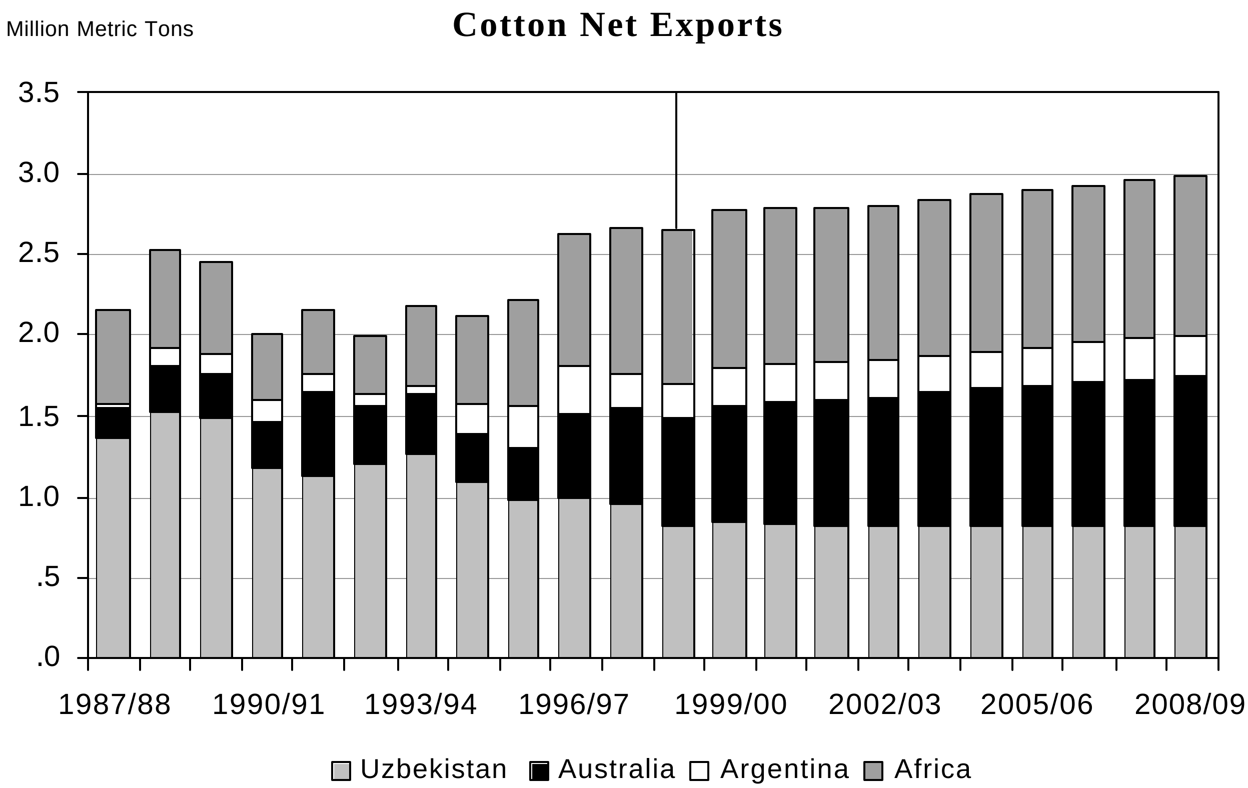
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Africa	961	978	971	954	954	960	965	971	975	982	988
Argentina	217	229	227	226	228	232	237	241	244	246	248
Australia	653	719	757	776	797	819	841	863	884	905	925
India	59	112	84	93	100	100	101	104	104	104	100
Other Former Soviet Union	245	232	228	223	222	223	225	227	228	229	230
Other Latin America	-160	-168	-174	-181	-186	-188	-189	-190	-191	-193	-196
Other Middle East	238	221	214	212	213	215	215	216	216	216	216
Pakistan	-21	-15	-17	-16	-13	-9	-6	-3	-1	0	38
Turkey	-152	-158	-175	-187	-188	-190	-192	-197	-202	-208	-216
United States	859	1,106	1,258	1,338	1,310	1,266	1,215	1,181	1,166	1,168	1,159
Uzbekistan	826	843	835	825	822	823	824	824	824	824	824
Total Net Exports	3,726	4,100	4,208	4,264	4,260	4,253	4,237	4,236	4,248	4,273	4,315
Net Importers											
Brazil	315	366	387	396	405	412	420	427	435	446	458
Canada	66	67	68	69	70	71	72	73	74	75	76
China	-26	283	353	385	370	351	321	308	302	304	318
Eastern Europe	284	295	296	292	291	292	293	295	297	299	303
European Union	748	713	695	693	692	692	693	696	700	705	711
Japan	282	266	254	244	236	232	227	220	213	208	201
Mexico	283	321	354	385	403	412	419	425	431	435	439
Other Asia	1,068	1,080	1,097	1,104	1,107	1,112	1,117	1,123	1,129	1,136	1,145
Other Western Europe	33	33	33	32	32	31	31	30	30	29	29
Russia	184	176	172	169	167	166	167	170	174	179	185
South Korea	278	282	283	279	274	268	263	258	253	248	243
Taiwan	271	268	265	264	264	263	262	261	260	259	258
Residual	-60	-50	-50	-50	-50	-50	-50	-50	-50	-50	-50
Total Net Imports	3,726	4,100	4,208	4,264	4,260	4,253	4,237	4,236	4,248	4,273	4,315
Cotton Prices					(U.S. Dollars per Metric Ton)						
Cotlook A Index * CIF Northern Europe	1,278	1,231	1,218	1,280	1,356	1,419	1,471	1,521	1,565	1,604	1,632
U.S. Farm Price	1,378	1,201	1,170	1,218	1,278	1,327	1,368	1,406	1,441	1,471	1,493

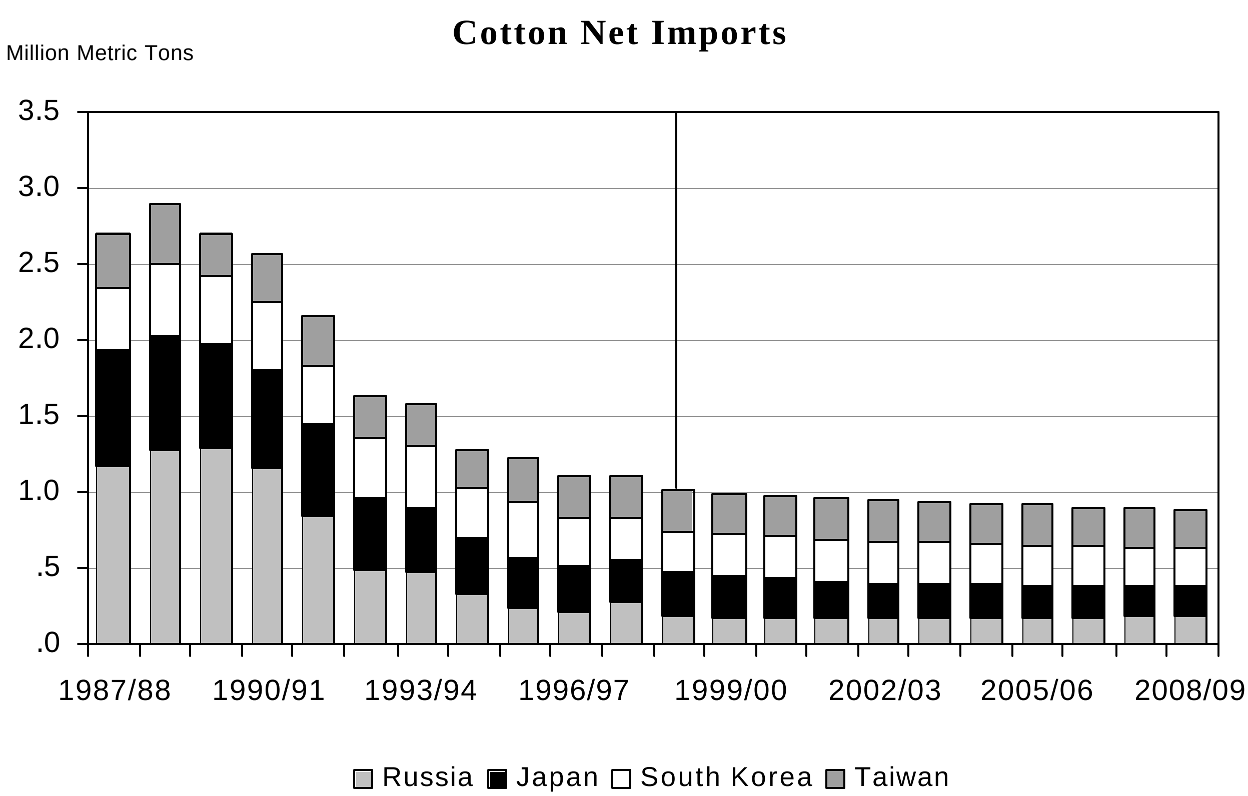
* The "A" index is the average of the five lowest CIF Northern European quotes of the following descriptions (Middling 1-3/32"): Memphis; Calif./Ariz.; Mexican; Central American; Paraguayan; Turkish Izmir/Antalya; Central Asian; Pakistani 1503; Indian H-4; Chinese 329; African 'Franc Zone'; Tanzanian;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

SOURCE: Cotlook, Ltd., Liverpool, England.


Cotton Net Trade
Million Metric Tons
6
5
4
3
2
1
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
World
U.S.


World Cotton Prices
Dollars per Metirc Ton
2,500
2,000
1,500
1,000
500
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
U.S. Upland Farm
Cotlook A-Index


Million Metric Tons
Cotton Net Exports
3.5
3.0
2.5
2.0
1.5
1.0
.5
.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Uzbekistan
Australia
Argentina
Africa


Cotton Net Imports
Million Metric Tons
3.5
3.0
2.5
2.0
1.5
1.0
.5
.0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Russia
Japan
South Korea
Taiwan

World Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	32,936	33,278	32,767	32,527	32,410	32,435	32,457	32,500	32,555	32,618	32,671
					(Kilograms per Hectare)						
Yield	563	577	582	586	591	595	599	603	607	612	617
					(Thousand Metric Tons)						
Production	18,534	19,216	19,057	19,073	19,140	19,293	19,437	19,600	19,771	19,950	20,161
Ending Stocks	8,886	9,146	9,087	8,923	8,726	8,562	8,412	8,280	8,165	8,059	7,979
Domestic Use	18,608	19,010	19,170	19,291	19,390	19,511	19,641	19,785	19,941	20,109	20,295
					(Percent)						
Stock to Use Ratio	47.76	48.11	47.40	46.25	45.00	43.88	42.83	41.85	40.94	40.08	39.31

U.S. Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	4,341	5,180	4,993	4,889	4,783	4,742	4,697	4,671	4,677	4,700	4,717
					(Kilograms per Hectare)						
Yield	692	746	754	760	766	772	777	783	790	796	802
					(Thousand Metric Tons)						
Production	3,004	3,867	3,767	3,717	3,662	3,660	3,652	3,659	3,693	3,741	3,783
Beginning Stocks	846	741	1,158	1,268	1,220	1,122	1,039	969	908	861	826
Domestic Supply	3,850	4,607	4,925	4,985	4,882	4,782	4,691	4,628	4,600	4,602	4,609
Consumption	2,246	2,341	2,396	2,424	2,448	2,475	2,505	2,537	2,571	2,606	2,644
Ending Stocks	741	1,158	1,268	1,220	1,122	1,039	969	908	861	826	804
Domestic Use	2,987	3,499	3,664	3,644	3,570	3,513	3,474	3,445	3,432	3,431	3,448
Net Trade	859	1,106	1,258	1,338	1,310	1,266	1,215	1,181	1,166	1,168	1,159
Loss	6	2	2	2	2	2	2	2	2	2	2

African Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	4,581	4,558	4,475	4,422	4,418	4,433	4,445	4,457	4,468	4,485	4,502
					(Kilograms per Hectare)						
Yield	362	390	392	394	396	398	400	402	404	406	408
					(Thousand Metric Tons)						
Production	1,658	1,778	1,754	1,742	1,749	1,764	1,778	1,792	1,805	1,821	1,837
Beginning Stocks	579	544	576	576	574	573	573	572	572	572	572
Domestic Supply	2,236	2,321	2,330	2,319	2,324	2,337	2,350	2,364	2,377	2,393	2,409
Consumption	723	761	776	784	790	798	806	814	823	831	841
Ending Stocks	544	576	576	574	573	573	572	572	572	572	573
Domestic Use	1,267	1,336	1,352	1,358	1,363	1,370	1,378	1,386	1,395	1,404	1,414
Net Trade	961	978	971	954	954	960	965	971	975	982	988
Loss	9	7	7	7	7	7	7	7	7	7	7

Argentine Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	720	686	674	665	667	673	679	683	685	687	688
					(Kilograms per Hectare)						
Yield	423	482	485	488	491	494	497	500	503	506	509
					(Thousand Metric Tons)						
Production	305	331	327	325	328	333	338	341	345	348	350
Beginning Stocks	210	200	202	202	202	202	203	204	204	205	205
Domestic Supply	515	531	529	527	529	535	540	545	549	553	556
Consumption	98	98	98	98	98	98	98	98	99	99	99
Ending Stocks	200	202	202	202	202	203	204	204	205	205	206
Domestic Use	298	300	300	300	300	300	301	302	303	304	305
Net Trade	217	229	227	226	228	232	237	241	244	246	248
Loss	0	2	2	2	2	2	2	2	2	2	2

Australian Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	520	518	521	525	533	540	546	553	559	564	570
					(Kilograms per Hectare)						
Yield	1,382	1,540	1,564	1,587	1,610	1,633	1,655	1,677	1,698	1,719	1,739
					(Thousand Metric Tons)						
Production	719	797	815	834	858	881	904	927	949	970	991
Beginning Stocks	238	254	282	289	296	303	311	319	327	335	342
Domestic Supply	956	1,051	1,097	1,123	1,153	1,185	1,216	1,246	1,276	1,305	1,333
Consumption	49	50	51	52	53	54	55	56	57	58	59
Ending Stocks	254	282	289	296	303	311	319	327	335	342	349
Domestic Use	303	332	340	348	356	365	374	383	392	400	408
Net Trade	653	719	757	776	797	819	841	863	884	905	925
Loss	0	0	0	0	0	0	0	0	0	0	0

Indian Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	9,170	9,044	9,006	9,005	9,024	9,052	9,084	9,116	9,149	9,181	9,215
					(Kilograms per Hectare)						
Yield	309	314	320	326	332	338	344	350	356	362	368
					(Thousand Metric Tons)						
Production	2,830	2,843	2,886	2,939	3,000	3,063	3,128	3,193	3,258	3,324	3,390
Beginning Stocks	930	1,022	1,022	1,034	1,038	1,039	1,044	1,051	1,058	1,066	1,075
Domestic Supply	3,761	3,865	3,907	3,973	4,037	4,102	4,172	4,244	4,316	4,390	4,466
Consumption	2,679	2,731	2,789	2,843	2,898	2,958	3,019	3,082	3,146	3,211	3,278
Ending Stocks	1,022	1,022	1,034	1,038	1,039	1,044	1,051	1,058	1,066	1,075	1,087
Domestic Use	3,702	3,753	3,823	3,881	3,938	4,002	4,070	4,139	4,212	4,286	4,366
Net Trade	59	112	84	93	100	100	101	104	104	104	100
Loss	0	0	0	0	0	0	0	0	0	0	0

Other Former Soviet Union Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	1,028	995	964	941	933	932	933	934	934	934	934
					(Kilograms per Hectare)						
Yield	428	432	433	435	436	438	439	441	442	444	445
					(Thousand Metric Tons)						
Production	440	429	417	409	407	408	410	411	413	414	416
Beginning Stocks	236	265	273	272	269	266	264	262	260	259	258
Domestic Supply	676	695	690	681	676	674	673	673	673	673	673
Consumption	163	190	190	189	188	187	186	186	186	186	186
Ending Stocks	265	273	272	269	266	264	262	260	259	258	257
Domestic Use	428	462	462	458	453	450	448	446	445	444	443
Net Trade	245	232	228	223	222	223	225	227	228	229	230
Loss	3	0	0	0	0	0	0	0	0	0	0

Other Latin American Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	441	436	429	414	408	410	415	418	421	421	420
					(Kilograms per Hectare)						
Yield	449	450	450	451	451	452	452	453	453	454	454
					(Thousand Metric Tons)						
Beginning Stocks	95	96	98	98	96	94	93	92	91	90	89
Domestic Supply	293	292	291	285	280	279	280	281	282	281	280
Consumption	357	362	367	370	372	374	377	380	382	385	388
Ending Stocks	96	98	98	96	94	93	92	91	90	89	89
Domestic Use	453	460	465	465	466	467	469	471	472	474	476
Net Trade	-160	-168	-174	-181	-186	-188	-189	-190	-191	-193	-196
Loss	0	0	0	0	0	0	0	0	0	0	0

Other Middle Eastern Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	591	587	582	580	581	583	584	586	587	589	591
					(Kilograms per Hectare)						
Yield	905	850	856	862	868	874	880	886	892	898	904
					(Thousand Metric Tons)						
Production	535	499	498	500	504	509	514	519	524	529	534
Beginning Stocks	176	201	200	201	200	199	198	198	198	197	197
Domestic Supply	710	700	699	700	704	708	712	717	721	726	732
Consumption	272	278	284	288	291	295	299	304	308	313	318
Ending Stocks	201	200	201	200	199	198	198	198	197	197	197
Domestic Use	472	479	485	488	490	493	497	501	506	510	516
Net Trade	238	221	214	212	213	215	215	216	216	216	216
Loss	0	0	0	0	0	0	0	0	0	0	0

Pakistani Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	2,900	2,907	2,913	2,918	2,926	2,934	2,941	2,949	2,956	2,963	2,969
					(Kilograms per Hectare)						
Yield	541	549	553	554	555	556	557	558	559	560	575
					(Thousand Metric Tons)						
Production	1,569	1,597	1,611	1,617	1,624	1,631	1,638	1,645	1,652	1,659	1,708
Beginning Stocks	325	342	348	352	352	352	352	353	354	356	359
Domestic Supply	1,894	1,939	1,958	1,969	1,976	1,983	1,990	1,999	2,007	2,016	2,067
Consumption	1,568	1,601	1,619	1,627	1,632	1,635	1,638	1,642	1,646	1,651	1,657
Ending Stocks	342	348	352	352	352	352	353	354	356	359	366
Domestic Use	1,909	1,949	1,971	1,979	1,983	1,987	1,991	1,996	2,003	2,010	2,024
Net Trade	-21	-15	-17	-16	-13	-9	-6	-3	-1	0	38
Loss	5	5	5	5	5	5	5	5	5	5	5

Turkish Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	700	680	661	663	666	670	672	674	675	676	677
					(Kilograms per Hectare)						
Yield	1,151	1,167	1,183	1,196	1,209	1,222	1,235	1,248	1,261	1,274	1,287
					(Thousand Metric Tons)						
Production	806	794	782	793	805	818	830	841	852	862	872
Beginning Stocks	132	133	138	136	137	139	141	143	145	147	149
Domestic Supply	938	927	920	929	942	957	971	984	997	1,009	1,020
Consumption	957	997	1,009	1,028	1,042	1,056	1,071	1,086	1,102	1,119	1,136
Ending Stocks	133	138	136	137	139	141	143	145	147	149	151
Domestic Use	1,090	1,135	1,145	1,165	1,181	1,197	1,214	1,231	1,249	1,267	1,287
Net Trade	-152	-158	-175	-187	-188	-190	-192	-197	-202	-208	-216
Loss	0	0	0	0	0	0	0	0	0	0	0

Uzbekistani Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	1,500	1,471	1,453	1,444	1,446	1,453	1,459	1,464	1,469	1,474	1,479
					(Kilograms per Hectare)						
Yield	668	700	700	701	701	701	702	702	702	702	703
					(Thousand Metric Tons)						
Production	1,002	1,030	1,018	1,012	1,014	1,019	1,023	1,028	1,031	1,036	1,039
Beginning Stocks	213	215	223	222	221	221	222	222	223	223	224
Domestic Supply	1,215	1,245	1,241	1,233	1,235	1,240	1,245	1,250	1,254	1,259	1,263
Consumption	175	179	183	187	191	195	199	203	207	211	215
Ending Stocks	215	223	222	221	221	222	222	223	223	224	224
Domestic Use	390	402	405	408	413	417	422	426	430	435	439
Net Trade	826	843	835	825	822	823	824	824	824	824	824
Loss	0	0	0	0	0	0	0	0	0	0	0

Brazilian Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	850	831	805	769	740	720	705	688	671	650	630
					(Kilograms per Hectare)						
Yield	461	415	419	424	428	433	437	442	446	451	455
					(Thousand Metric Tons)						
Production	392	344	337	326	317	312	308	304	299	293	287
Beginning Stocks	253	252	243	240	234	227	221	216	212	208	204
Domestic Supply	644	596	581	566	551	539	529	520	511	501	490
Consumption	708	719	728	728	728	730	732	735	739	743	748
Ending Stocks	252	243	240	234	227	221	216	212	208	204	200
Domestic Use	959	962	968	962	955	951	949	947	947	947	948
Net Trade	-315	-366	-387	-396	-405	-412	-420	-427	-435	-446	-458
Loss	0	0	0	0	0	0	0	0	0	0	0

Canadian Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
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
Consumption	66	67	68	69	70	71	72	73	74	75	76
Ending Stocks	5	5	5	5	5	5	5	5	5	5	5
Domestic Use	71	72	73	74	75	76	77	78	79	80	81
Net Trade	66	67	68	69	70	71	72	73	74	75	76
Loss	0	0	0	0	0	0	0	0	0	0	0

Chinese Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	4,500	4,329	4,282	4,314	4,323	4,327	4,324	4,328	4,317	4,296	4,273
					(Kilograms per Hectare)						
Yield	958	908	910	913	915	917	919	921	923	925	927
					(Thousand Metric Tons)						
Production	4,311	3,932	3,898	3,938	3,955	3,968	3,974	3,987	3,985	3,973	3,961
Beginning Stocks	3,691	3,555	3,302	3,116	3,011	2,922	2,838	2,748	2,667	2,585	2,499
Domestic Supply	8,002	7,487	7,200	7,054	6,966	6,890	6,812	6,735	6,652	6,558	6,460
Consumption	4,420	4,469	4,437	4,428	4,415	4,403	4,385	4,376	4,369	4,364	4,363
Ending Stocks	3,555	3,302	3,116	3,011	2,922	2,838	2,748	2,667	2,585	2,499	2,415
Domestic Use	7,975	7,771	7,553	7,439	7,337	7,241	7,134	7,043	6,954	6,863	6,778
Net Trade	26	-283	-353	-385	-370	-351	-321	-308	-302	-304	-318
Loss	0	0	0	0	0	0	0	0	0	0	0

Eastern European Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	17	17	17	17	17	17	17	17	17	17	17
					(Kilograms per Hectare)						
Yield	410	411	412	413	414	415	416	417	418	419	420
					(Thousand Metric Tons)						
Production	7	7	7	7	7	7	7	7	7	7	7
Beginning Stocks	73	82	87	88	86	84	83	82	81	80	79
Domestic Supply	80	89	94	95	94	91	90	89	88	87	86
Consumption	280	295	300	299	298	298	300	301	303	305	308
Ending Stocks	82	87	88	86	84	83	82	81	80	79	79
Domestic Use	362	382	388	386	383	381	381	381	382	384	387
Net Trade	-284	-295	-296	-292	-291	-292	-293	-295	-297	-299	-303
Loss	2	2	2	2	2	2	2	2	2	2	2

European Union Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	501	502	502	502	502	502	502	502	502	502	502
					(Kilograms per Hectare)						
Yield	904	980	986	992	998	1,004	1,010	1,016	1,022	1,028	1,034
					(Thousand Metric Tons)						
Production	453	492	495	498	501	504	507	510	513	516	519
Beginning Stocks	356	382	400	402	404	406	408	410	412	414	416
Domestic Supply	809	874	895	900	905	910	915	920	925	930	935
Consumption	1,166	1,177	1,178	1,179	1,181	1,184	1,188	1,194	1,201	1,209	1,218
Ending Stocks	382	400	402	404	406	408	410	412	414	416	418
Domestic Use	1,548	1,577	1,580	1,583	1,587	1,592	1,598	1,606	1,615	1,625	1,636
Net Trade	-748	-713	-695	-693	-692	-692	-693	-696	-700	-705	-711
Loss	9	10	10	10	10	10	10	10	10	10	10

Japanese Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Beginning Stocks	62	61	60	59	58	57	56	55	54	53	52
Domestic Supply	62	61	60	59	58	57	56	55	54	53	52
Consumption	283	267	255	245	237	233	228	221	214	209	202
Ending Stocks	61	60	59	58	57	56	55	54	53	52	51
Domestic Use	344	327	314	303	294	289	284	276	268	261	253
Net Trade	-282	-266	-254	-244	-236	-232	-227	-220	-213	-208	-201
Loss	0	0	0	0	0	0	0	0	0	0	0

Mexican Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	220	207	182	163	159	163	170	177	185	194	203
					(Kilograms per Hectare)						
Yield	990	956	961	967	972	978	983	989	994	1,000	1,005
					(Thousand Metric Tons)						
Production	218	198	175	158	154	160	167	175	184	194	204
Beginning Stocks	111	125	127	125	121	120	120	121	122	124	125
Domestic Supply	329	323	302	282	276	279	287	296	306	318	330
Consumption	479	509	525	539	551	565	578	592	606	620	635
Ending Stocks	125	127	125	121	120	120	121	122	124	125	127
Domestic Use	604	637	650	660	671	685	699	714	730	746	762
Net Trade	-283	-321	-354	-385	-403	-412	-419	-425	-431	-435	-439
Loss	8	7	7	7	7	7	7	7	7	7	7

Other Asian Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Hectares)						
Area Harvested	354	328	308	293	286	283	283	283	283	283	282
					(Kilograms per Hectare)						
Yield	247	248	248	249	249	250	250	251	251	252	252
					(Thousand Metric Tons)						
Production	88	81	76	73	71	71	71	71	71	71	71
Beginning Stocks	211	216	221	221	220	219	219	218	218	218	218
Domestic Supply	299	297	297	294	291	290	290	289	289	289	289
Consumption	1,140	1,146	1,162	1,166	1,168	1,172	1,177	1,183	1,189	1,196	1,205
Ending Stocks	216	221	221	220	219	219	218	218	218	218	218
Domestic Use	1,356	1,366	1,383	1,386	1,387	1,391	1,396	1,401	1,407	1,414	1,423
Net Trade	-1,068	-1,080	-1,097	-1,104	-1,107	-1,112	-1,117	-1,123	-1,129	-1,136	-1,145
Loss	11	11	11	11	11	11	11	11	11	11	11

Other Western European Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Production	0	0	0	0	0	0	0	0	0	0	0
Beginning Stocks	16	16	16	15	15	15	15	14	14	14	14
Domestic Supply	16	16	16	15	15	15	15	14	14	14	14
Consumption	33	34	33	33	32	32	31	31	30	30	29
Ending Stocks	16	16	15	15	15	15	14	14	14	14	13
Domestic Use	49	49	48	48	47	46	45	45	44	43	42
Net Trade	-33	-33	-33	-32	-32	-31	-31	-30	-30	-29	-29
Loss	0	0	0	0	0	0	0	0	0	0	0

Russian Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Production	0	0	0	0	0	0	0	0	0	0	0
Beginning Stocks	42	42	42	42	42	42	42	42	42	42	42
Domestic Supply	42	42	42	42	42	42	42	42	42	42	42
Consumption	186	176	172	169	167	166	167	170	174	179	185
Ending Stocks	42	42	42	42	42	42	42	42	42	42	42
Domestic Use	228	218	214	211	209	208	209	212	216	221	227
Net Trade	-184	-176	-172	-169	-167	-166	-167	-170	-174	-179	-185
Loss	0	0	0	0	0	0	0	0	0	0	0

South Korean Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Production	0	0	0	0	0	0	0	0	0	0	0
Beginning Stocks	89	79	75	73	71	69	67	65	63	61	59
Domestic Supply	89	79	75	73	71	69	67	65	63	61	59
Consumption	289	286	285	282	276	271	265	260	255	250	246
Ending Stocks	79	75	73	71	69	67	65	63	61	59	57
Domestic Use	367	361	358	353	345	338	330	323	316	309	303
Net Trade	-278	-282	-283	-279	-274	-268	-263	-258	-253	-248	-243
Loss	0	0	0	0	0	0	0	0	0	0	0

Taiwanese Cotton Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Production	0	0	0	0	0	0	0	0	0	0	0
Beginning Stocks	60	59	50	50	50	50	50	50	50	50	50
Domestic Supply	60	59	50	50	50	50	50	50	50	50	50
Consumption	272	277	265	264	264	263	262	261	260	259	258
Ending Stocks	59	50	50	50	50	50	50	50	50	50	50
Domestic Use	331	327	315	314	314	313	312	311	310	309	308
Net Trade	-271	-268	-265	-264	-264	-263	-262	-261	-260	-259	-258
Loss	0	0	0	0	0	0	0	0	0	0	0

SUGAR

Sugar

•Higher world sugar production and flat import demand are projected to decline raw sugar price in 1998/99 by more than 35 percent, relative to the 1997/98 level. Sugar price is expected to rise steadily over the projection period, rising by approximately 50 percent, which still is below the 1997/98 level. World sugar beet area is likely to continue to stay flat in the next decade, whereas cane area continues to increase throughout the projection period. Sugar production increases from 94 mmt in 1998/99 to 124 mmt in 2008/09, an increase of 30 percent, both through area and yield. During the projection period, sugar trade is projected to increase by more than 4 mmt.

•Brazilian sugarcane area is projected to decline next year in response to lower prices, reducing exports by 0.5 mmt. However, in the long run, cane area is projected to expand in the Center-West and Center-South parts of Brazil, mainly because of tax benefits and lower prices of land. Deregulation in the marketing of both anhydrous and hydrated alcohol is likely to reduce the price of alcohol, bringing more cane for sugar production. Per capita sugar consumption is projected to be more or less flat, and the industrial use of sugar, which depends on income growth, is projected to slow down in first few years, as the Brazilian economy recovers from the recent crisis. Sugar exports are projected to increase by 1 mmt between 1999/00 and 2008/09.

•In the last decade, Australia has emerged as the second largest exporter of raw sugar. This has been possible mainly because of increasing production and stagnant or declining domestic consumption, adversely affected by health concerns. In the next decade, Australia is likely to continue to expand its sugarcane production both through area expansion and yield growth. At the same time, the sugar industry's campaign to restore consumer confidence seems to have changed Australian attitude toward sugar. Although sugar consumption is projected to rise slowly in the future, production will still exceed consumption, making Australia a larger exporter with exports rising from 4.4 to 5.3 mmt.

•Thailand sugar exports declined significantly in 1997/98 because of lower production due to adverse weather conditions. El Nino is also projected to adversely affect this year's production, inducing further decline in exports. Assuming normal weather during the remaining projection period, sugarcane production is projected to increase by more than 7 mmt and raw sugar exports by 0.7 mmt.

•Cuba, the largest sugar exporter in the world in the 1980s, has been reduced to an average exporter since the early 1990s. During this period, sugarcane area has increased, but yield has declined by more than 50 percent, resulting in sugarcane production declining by more than 50 percent. Credit availability continues to be a problem for this sector and has been primarily responsible for the yield decline. The future of the industry pr imarily depends on the role of the government. The Cuban government is now welcoming private investment and more importantly, the U.S. government has recently proposed to expand commercial ties with Cuba, which were severed 25 years ago. If these things materialize, there is every possibility for Cuba to return to its old position in world sugar market. For the projection period, sugar exports are projected to reverse its downward trend and increase by more than 0.5 mmt.

•Canadian sugar consumption is projected to increase at a rate slightly higher than its population growth. With small domestic production, domestic demand will be largely met from imported raw sugar, increasing its imports by 0.25 mmt during the projection period.

•Transition economies, particularly the Former Soviet Union (FSU), account for a large share of world sugar imports. FSU sugar production has been adversely affected since its economic liberalization in the early 1990s, and imports have increased to fill the domestic shortfall. Sugar production is projected to increase by 3 mmt in the projection period, but remains 60 to 70 percent lower than per-liberalization level. Most of the growing demand will be met by additional imports, increasing from 5.1 to 5.75 mmt.

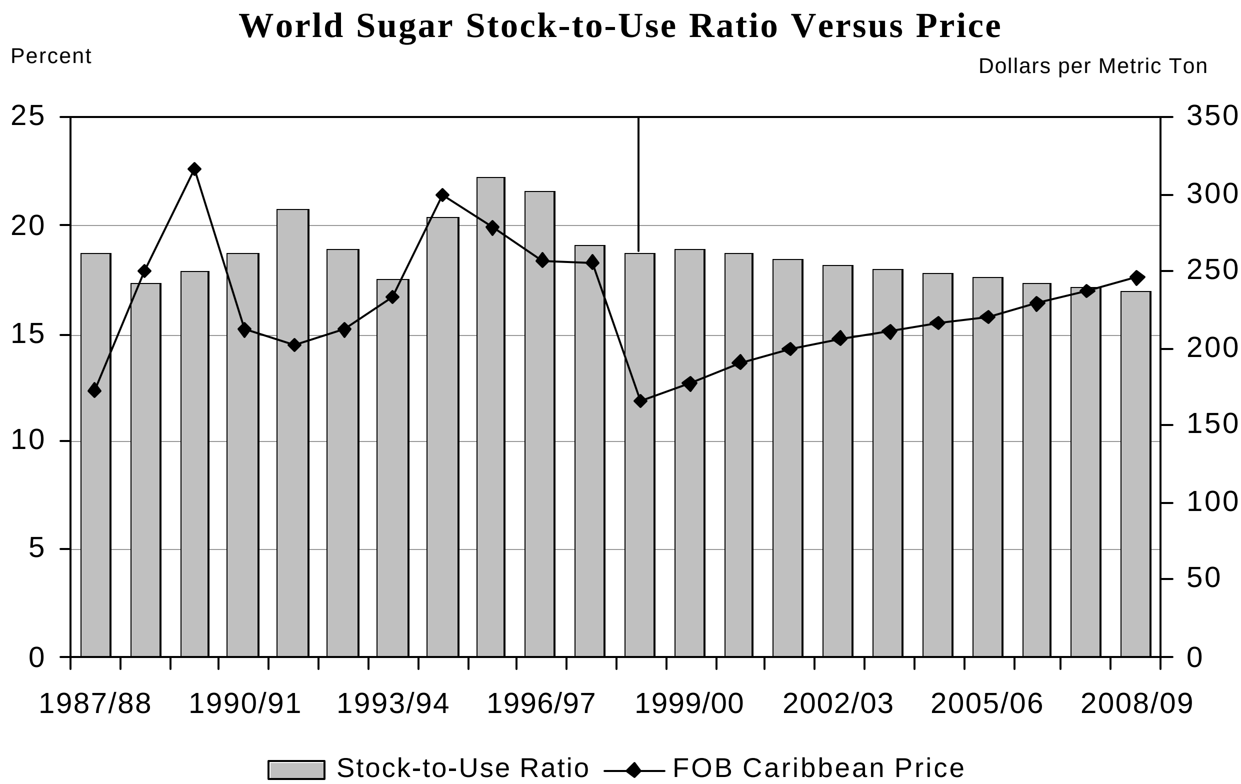
- India and China are the second and third largest sugar producers in the world respectively. Despite their big producer status, they play a relatively insignificant role in the world sugar market. Both China and India are projected to be small importers of sugar during the projection period.

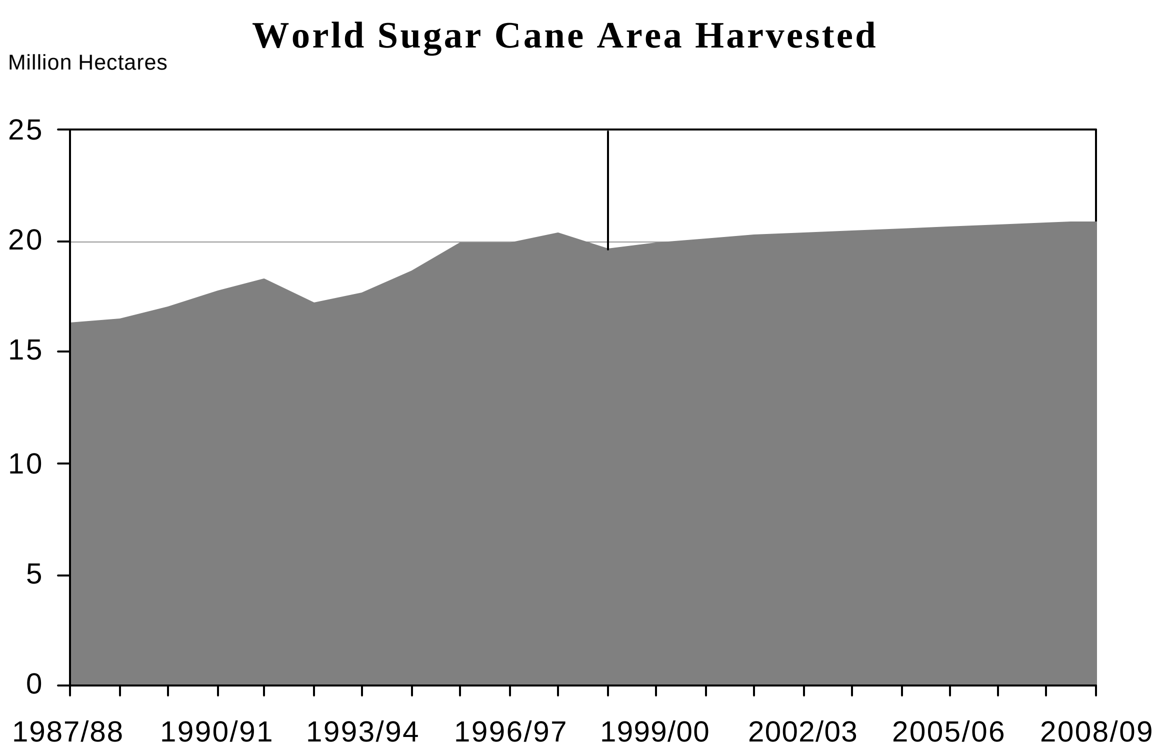
- Japanese sugar imports are projected to continue to decline in the future because of declining per capita consumption and slower population growth. Unlike Japan, South Korea appears to be expanding their imports throughout the next decade to meet rising domestic consumption. South Korea does not produce any sugarcane and depends entirely on imported sugar. Consumption is likely to grow in the future because of rising per capita consumption and population growth. In order to meet domestic demand, imports are expected to grow by 0.3 mmt by 2008/09.

- The Indonesian government has been forcing farmers to plant sugarcane through a mandatory sugar planting policy. Even with this policy, Indonesia has been a growing sugar importer in the last decade. Despite recent economic crisis, sugar consumption is projected to grow in the future, both through rising per capita consumption and population growth. Domestic supply is not likely to meet growing consumption and imports are projected to grow from 1.2 mmt in 1999/00 to 1.55 mmt in 2008/09. However, this number will be much higher if the government fully implements the International Monetary Fund reform package under which farmers will be released from formal and informal requirements for the forced planting and monopoly control on sugar imports will be removed. Under this circumstance, sugarcane area will be switched to more profitable rice production and imports will increase to satisfy domestic requirements.

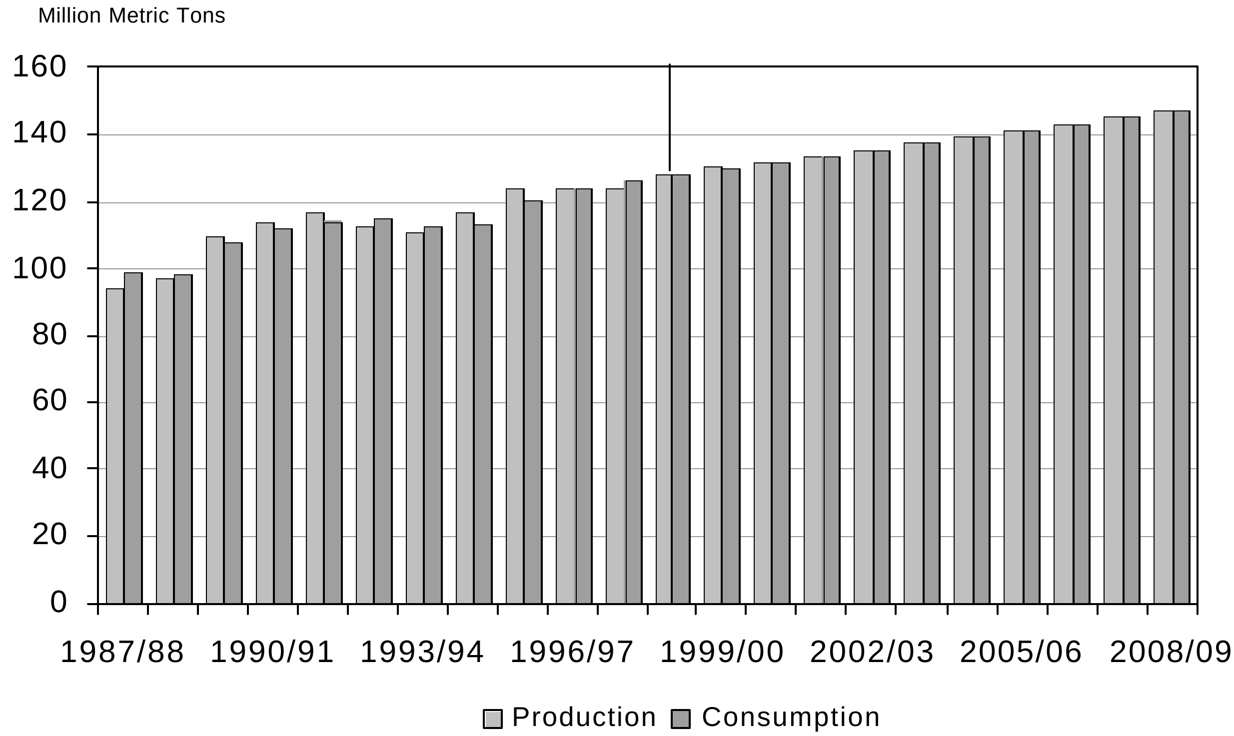
Sugar Trade

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Net Exporters					(Thousand Metric Tons)						
Australia	4,418	4,591	4,644	4,723	4,816	4,916	5,021	5,100	5,169	5,235	5,299
Brazil	7,460	6,984	6,834	6,976	7,116	7,265	7,419	7,585	7,710	7,891	8,094
Cuba	2,500	2,551	2,615	2,664	2,721	2,768	2,825	2,886	2,953	3,020	3,089
European Union	3,768	3,584	3,753	3,822	3,837	3,828	3,831	3,837	3,845	3,854	3,867
India	-340	-550	-553	-582	-612	-644	-672	-604	-574	-543	-528
Mexico	970	985	952	932	921	915	915	920	931	943	960
South Africa	1,400	1,418	1,440	1,464	1,489	1,517	1,548	1,582	1,620	1,661	1,706
Thailand	2,600	3,198	3,348	3,447	3,517	3,580	3,640	3,702	3,766	3,834	3,905
Total Net Exports	23,116	23,310	23,586	24,029	24,417	24,789	25,199	25,613	25,993	26,439	26,919
Net Importers											
Algeria	920	938	948	958	968	978	987	997	1,006	1,014	1,022
Canada	1,195	1,205	1,222	1,246	1,273	1,301	1,330	1,358	1,385	1,411	1,436
China	530	394	505	516	516	520	566	629	666	732	819
Eastern Europe	477	553	473	458	458	460	460	460	453	448	442
Egypt	600	692	688	679	675	675	677	683	688	707	727
Former Soviet Union	5,115	5,047	5,134	5,206	5,250	5,300	5,369	5,451	5,543	5,644	5,750
Indonesia	1,600	1,226	1,274	1,339	1,417	1,466	1,494	1,517	1,529	1,535	1,541
Japan	1,563	1,517	1,481	1,455	1,429	1,380	1,323	1,271	1,226	1,172	1,121
South Korea	1,200	1,264	1,285	1,312	1,343	1,374	1,405	1,435	1,461	1,486	1,509
United States	1,812	1,833	1,766	1,892	2,004	2,126	2,157	2,244	2,338	2,439	2,544
Rest of World	4,261	4,589	4,753	4,881	4,970	5,059	5,255	5,459	5,622	5,805	5,978
Total Net Imports	23,116	23,310	23,586	24,029	24,417	24,789	25,199	25,613	25,993	26,439	26,919
Sugar Prices					(U.S. Dollars per Metric Ton)						
FOB Caribbean Price	165	177	191	199	206	211	216	221	229	237	246
New York Spot	485	475	482	486	488	491	492	494	496	498	500

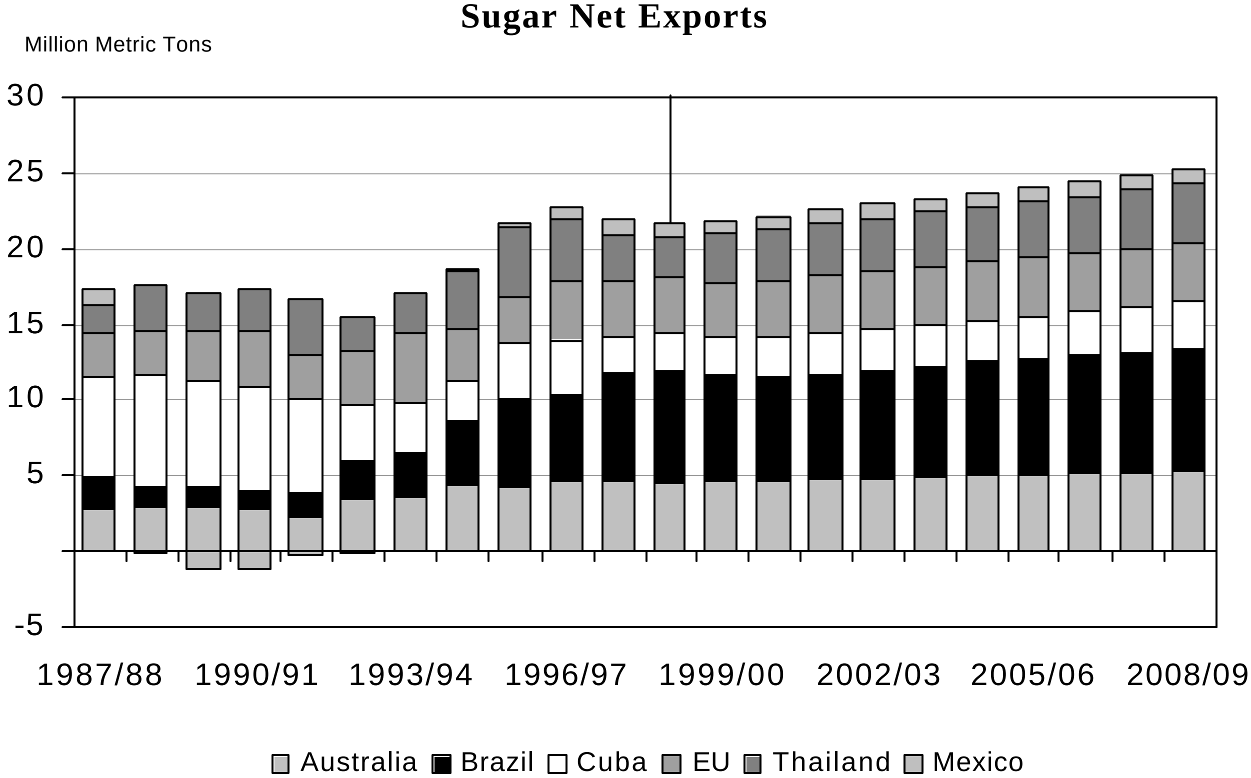

World Sugar Stock-to-Use Ratio Versus Price
Percent
Dollars per Metric Ton
25
20
15
10
5
0
350
300
250
200
150
100
50
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Stock-to-Use Ratio
FOB Caribbean Price

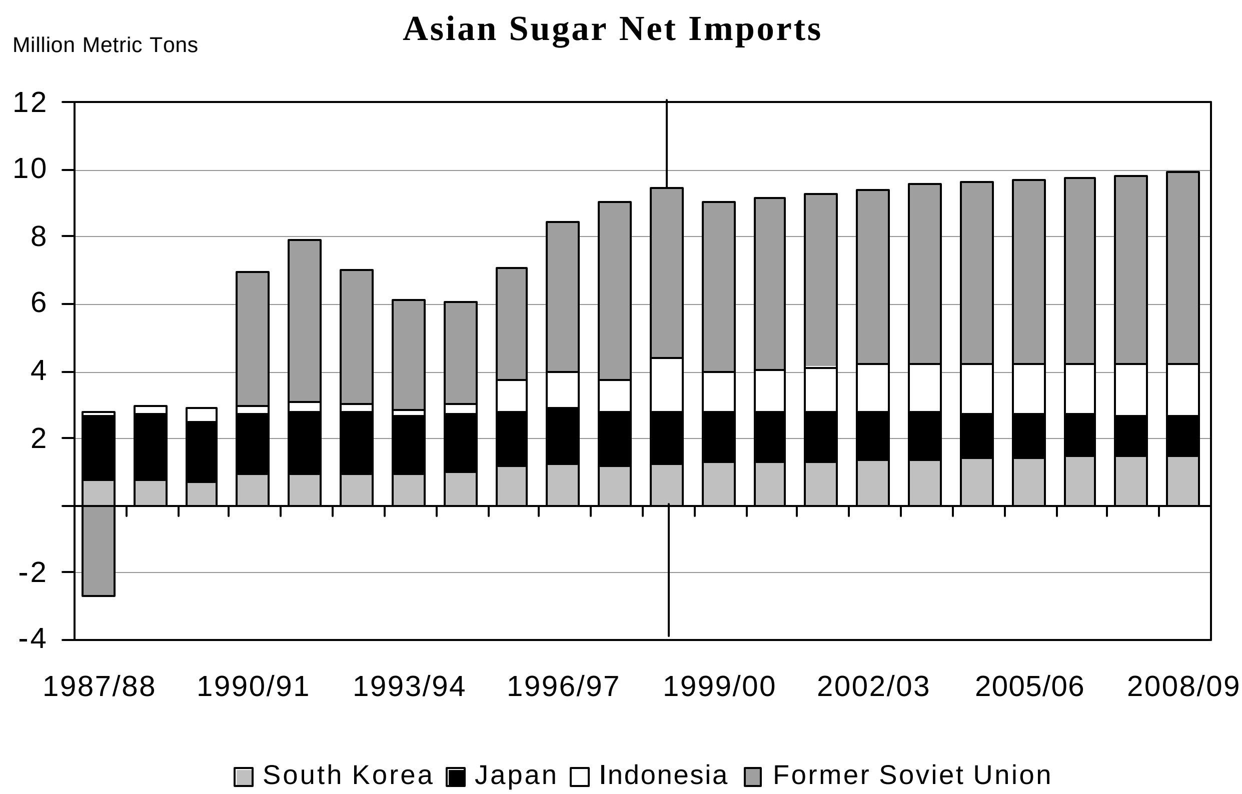

World Sugar Cane Area Harvested
Million Hectares
25
20
15
10
5
0
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09

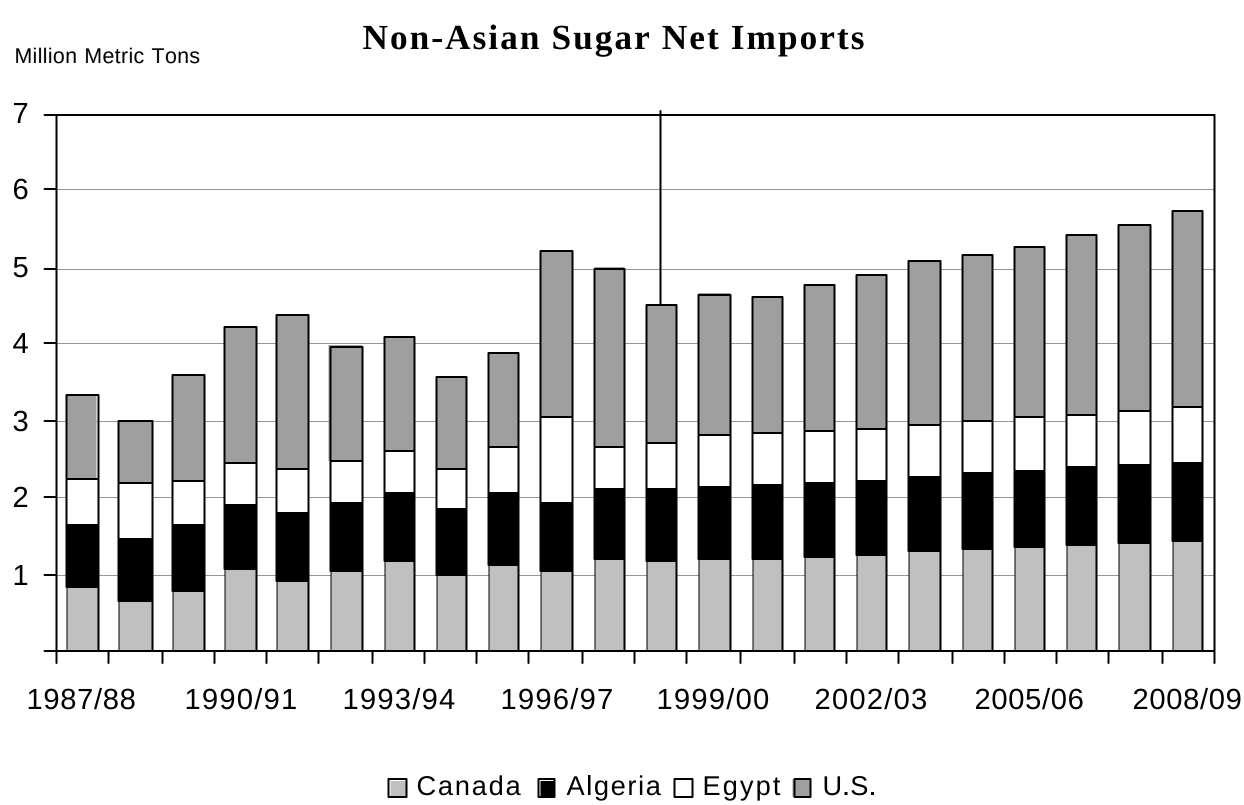
World Sugar Production and Consumption



Sugar Net Exports




Asian Sugar Net Imports
Million Metric Tons
12
10
8
6
4
2
-2
-4
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
South Korea
Japan
Indonesia
Former Soviet Union


Non-Asian Sugar Net Imports
Million Metric Tons
7
6
5
4
3
2
1
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Canada
Algeria
Egypt
U.S.

World Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Million Hectares)						
Area Harvested	7.07	7.10	7.12	7.12	7.14	7.16	7.18	7.19	7.20	7.20	7.21
					(Metric Tons per Hectare)						
Yield	37.60	37.53	37.74	37.94	37.99	38.11	38.24	38.39	38.55	38.70	38.86
					(Million Metric Tons)						
Production	266	266	269	270	271	273	274	276	277	279	280
Sugarcane					(Million Hectares)						
Area Harvested	19.66	19.96	20.10	20.22	20.32	20.42	20.52	20.61	20.69	20.78	20.87
					(Metric Tons per Hectare)						
Yield	61.80	62.61	62.98	63.47	64.00	64.54	65.09	65.64	66.19	66.74	67.29
					(Million Metric Tons)						
Production	1,215	1,250	1,266	1,283	1,301	1,318	1,336	1,353	1,370	1,387	1,404
Sugar											
Production	128.25	130.00	131.51	133.50	135.54	137.55	139.47	141.45	143.34	145.23	147.13
Beginning Stocks	24.12	23.99	24.44	24.53	24.60	24.68	24.75	24.82	24.91	24.94	24.97
Domestic Supply	152.37	153.99	155.94	158.02	160.14	162.23	164.22	166.28	168.25	170.17	172.10
Consumption	128.38	129.55	131.42	133.42	135.46	137.48	139.39	141.37	143.31	145.20	147.10
Ending Stocks	23.99	24.44	24.53	24.60	24.68	24.75	24.82	24.91	24.94	24.97	25.00
Domestic Use	152.37	153.99	155.94	158.02	160.14	162.23	164.22	166.28	168.25	170.17	172.10
Net Trade	23.12	23.31	23.59	24.03	24.42	24.79	25.20	25.61	25.99	26.44	26.92

U.S. Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	589	605	604	604	605	606	606	607	608	609	611
					(Metric Tons per Hectare)						
Yield	50.28	46.64	46.71	46.75	46.84	46.87	46.93	46.99	47.04	47.13	47.16
					(Thousand Metric Tons)						
Production	29,629	28,221	28,205	28,247	28,318	28,393	28,453	28,524	28,594	28,704	28,817
Sugarcane					(Thousand Hectares)						
Area Harvested	378	381	382	384	385	386	388	389	390	391	392
					(Metric Tons per Hectare)						
Yield	74.80	74.55	74.55	74.54	74.57	74.59	74.59	74.59	74.58	74.57	74.64
					(Thousand Metric Tons)						
Production	28,303	28,389	28,510	28,626	28,729	28,827	28,919	29,008	29,095	29,182	29,269
Sugar											
Production	7,276	7,484	7,297	7,314	7,337	7,364	7,390	7,414	7,438	7,463	7,493
Beginning Stocks	1,350	1,523	1,736	1,650	1,606	1,582	1,567	1,555	1,546	1,537	1,529
Domestic Supply	8,626	9,007	9,034	8,964	8,943	8,946	8,957	8,968	8,984	9,000	9,022
Consumption	8,916	9,104	9,151	9,250	9,365	9,505	9,558	9,667	9,785	9,910	10,045
Ending Stocks	1,523	1,736	1,650	1,606	1,582	1,567	1,555	1,546	1,537	1,529	1,520
Domestic Use	10,439	10,840	10,801	10,855	10,947	11,072	11,113	11,213	11,322	11,439	11,566
Net Trade	-1,812	-1,833	-1,766	-1,892	-2,004	-2,126	-2,157	-2,244	-2,338	-2,439	-2,544

Algerian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	7	7	7	7	7	7	7	7	7	7	7
					(Metric Tons per Hectare)						
Yield	18.86	18.91	18.99	19.07	19.15	19.24	19.33	19.41	19.50	19.59	19.67
					(Thousand Metric Tons)						
Production	132	134	135	136	137	138	139	139	140	141	142
Sugar											
Production	10	10	10	10	11	11	11	11	11	11	11
Beginning Stocks	90	90	90	90	91	91	91	91	91	91	91
Domestic Supply	100	10	10	10	11	11	11	11	11	11	11
Consumption	930	948	958	968	978	988	998	1,008	1,016	1,025	1,033
Ending Stocks	90	90	90	91	91	91	91	91	91	91	91
Domestic Use	1,020	948	958	968	978	988	998	1,008	1,016	1,025	1,033
Net Trade	-920	-938	-948	-958	-968	-978	-987	-997	-1,006	-1,014	-1,022

Australian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	412	415	419	424	429	434	439	442	445	447	449
					(Metric Tons per Hectare)						
Yield	98.28	100.60	100.49	100.70	101.08	101.57	102.12	102.69	103.29	103.89	104.50
					(Thousand Metric Tons)						
Production	40,491	41,710	42,079	42,658	43,344	44,086	44,856	45,440	45,940	46,414	46,875
Sugar											
Production	5,417	5,588	5,646	5,732	5,833	5,942	6,055	6,143	6,220	6,293	6,365
Beginning Stocks	237	241	236	229	222	214	206	198	191	183	176
Domestic Supply	5,654	5,829	5,882	5,962	6,055	6,156	6,261	6,341	6,410	6,476	6,541
Consumption	995	1,002	1,009	1,017	1,025	1,034	1,042	1,050	1,058	1,066	1,073
Ending Stocks	241	236	229	222	214	206	198	191	183	176	168
Domestic Use	1,236	1,238	1,238	1,238	1,239	1,240	1,240	1,241	1,241	1,242	1,242
Net Trade	4,418	4,591	4,644	4,723	4,816	4,916	5,021	5,100	5,169	5,235	5,299

Brazilian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	4,299	4,471	4,504	4,534	4,560	4,584	4,606	4,625	4,643	4,661	4,678
					(Metric Tons per Hectare)						
Yield	67.00	67.58	68.01	68.40	68.79	69.18	69.57	69.96	70.34	70.73	71.12
					(Thousand Metric Tons)						
Production	288,000	302,145	306,316	310,129	313,716	317,131	320,399	323,556	326,640	329,686	332,706
Sugar											
Production	16,600	15,985	16,090	16,348	16,595	16,834	17,067	17,296	17,485	17,672	17,859
Beginning Stocks	560	600	502	563	575	570	557	543	531	523	521
Domestic Supply	17,160	16,585	16,592	16,911	17,170	17,405	17,624	17,839	18,015	18,195	18,380
Consumption	9,100	9,100	9,195	9,360	9,484	9,583	9,662	9,723	9,783	9,783	9,762
Ending Stocks	600	502	563	575	570	557	543	531	523	521	523
Domestic Use	9,700	9,602	9,758	9,935	10,054	10,140	10,205	10,253	10,306	10,304	10,286
Net Trade	7,460	6,984	6,834	6,976	7,116	7,265	7,419	7,585	7,710	7,891	8,094

Canadian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	20	20	20	20	19	18	18	17	17	16	16
					(Metric Tons per Hectare)						
Yield	46.50	45.91	46.56	46.94	47.38	47.80	48.23	48.66	49.08	49.51	49.93
					(Thousand Metric Tons)						
Production	930	941	933	916	900	883	864	846	827	811	795
Sugar											
Production	130	132	130	128	126	123	121	118	116	113	111
Beginning Stocks	186	216	230	238	244	248	253	257	262	266	270
Domestic Supply	316	348	361	366	369	372	374	376	377	379	381
Consumption	1,295	1,322	1,344	1,369	1,394	1,420	1,446	1,472	1,496	1,520	1,543
Ending Stocks	216	230	238	244	248	253	257	262	266	270	274
Domestic Use	1,511	1,553	1,582	1,613	1,643	1,673	1,704	1,734	1,762	1,790	1,818
Net Trade	-1,195	-1,205	-1,222	-1,246	-1,273	-1,301	-1,330	-1,358	-1,385	-1,411	-1,436

Chinese Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet						(Thousand Hectares)					
Area Harvested	600	596	594	593	592	591	590	589	587	586	585
						(Metric Tons per Hectare)					
Yield	25.00	25.01	25.13	25.32	25.55	25.80	26.08	26.36	26.65	26.95	27.25
						(Thousand Metric Tons)					
Production	15,000	14,904	14,937	15,020	15,126	15,247	15,379	15,514	15,650	15,791	15,933
Sugarcane						(Thousand Hectares)					
Area Harvested	1,356	1,352	1,353	1,360	1,367	1,374	1,381	1,387	1,393	1,400	1,406
						(Metric Tons per Hectare)					
Yield	58.96	59.55	60.11	60.64	61.15	61.64	62.13	62.61	63.08	63.55	64.01
						(Thousand Metric Tons)					
Production	79,950	80,530	81,335	82,452	83,572	84,673	85,790	86,848	87,868	88,945	90,027
Sugar											
Production	8,727	8,771	8,858	8,978	9,101	9,224	9,349	9,470	9,587	9,710	9,834
Beginning Stocks	2,597	2,725	2,647	2,600	2,582	2,573	2,558	2,559	2,567	2,557	2,547
Domestic Supply	11,324	11,496	11,506	11,578	11,684	11,797	11,907	12,028	12,154	12,267	12,382
Consumption	9,129	9,243	9,411	9,511	9,627	9,760	9,914	10,091	10,263	10,451	10,665
Ending Stocks	2,725	2,647	2,600	2,582	2,573	2,558	2,559	2,567	2,557	2,547	2,536
Domestic Use	11,854	11,890	12,010	12,094	12,200	12,317	12,473	12,657	12,819	12,998	13,201
Net Trade	-530	-394	-505	-516	-516	-520	-566	-629	-666	-732	-819

Cuban Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane						(Thousand Hectares)					
Area Harvested	1,550	1,559	1,563	1,566	1,570	1,574	1,578	1,581	1,585	1,589	1,593
						(Metric Tons per Hectare)					
Yield	26.13	26.22	26.26	26.28	26.39	26.44	26.57	26.73	26.91	27.10	27.29
						(Thousand Metric Tons)					
Production	40,500	40,865	41,030	41,154	41,425	41,611	41,914	42,275	42,665	43,065	43,474
Sugar											
Production	3,200	3,266	3,316	3,363	3,422	3,475	3,538	3,607	3,678	3,751	3,826
Beginning Stocks	300	310	330	332	325	316	304	292	280	267	255
Domestic Supply	3,500	3,576	3,645	3,694	3,748	3,791	3,842	3,899	3,958	4,019	4,081
Consumption	690	695	699	705	711	718	725	733	738	744	750
Ending Stocks	310	330	332	325	316	304	292	280	267	255	242
Domestic Use	1,000	1,025	1,030	1,030	1,027	1,023	1,018	1,013	1,006	999	992
Net Trade	2,500	2,551	2,615	2,664	2,721	2,768	2,825	2,886	2,953	3,020	3,089

Eastern European Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	848	848	851	852	853	853	853	853	853	853	853
					(Metric Tons per Hectare)						
Yield	34.00	34.55	34.86	34.98	35.09	35.21	35.32	35.43	35.55	35.66	35.78
					(Thousand Metric Tons)						
Production	28,830	29,301	29,674	29,808	29,917	30,017	30,116	30,214	30,311	30,406	30,500
Sugar											
Production	4,470	4,579	4,637	4,658	4,675	4,691	4,706	4,722	4,737	4,752	4,766
Beginning Stocks	909	758	784	780	769	760	753	745	739	729	720
Domestic Supply	5,379	5,337	5,421	5,438	5,445	5,451	5,459	5,467	5,476	5,481	5,486
Consumption	5,098	5,106	5,114	5,127	5,142	5,159	5,174	5,188	5,199	5,209	5,217
Ending Stocks	758	784	780	769	760	753	745	739	729	720	711
Domestic Use	5,856	5,890	5,894	5,896	5,902	5,912	5,919	5,927	5,928	5,929	5,928
Net Trade	-477	-553	-473	-458	-458	-460	-460	-460	-453	-448	-442

Egyptian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	38	40	41	42	43	44	45	45	46	46	47
					(Metric Tons per Hectare)						
Yield	43.42	45.15	45.65	46.51	47.26	48.04	48.81	49.59	50.36	50.14	50.20
					(Thousand Metric Tons)						
Production	1,650	1,825	1,864	1,941	2,014	2,092	2,173	2,254	2,338	2,325	2,338
Sugarcane					(Thousand Hectares)						
Area Harvested	119	119	120	120	120	121	121	121	122	122	123
					(Metric Tons per Hectare)						
Yield	90.55	94.83	98.56	101.82	104.69	107.22	109.46	111.45	113.24	114.76	116.05
					(Thousand Metric Tons)						
Production	10,775	11,307	11,780	12,204	12,585	12,931	13,248	13,539	13,810	14,045	14,250
Sugar											
Production	1,245	1,316	1,367	1,417	1,464	1,508	1,550	1,589	1,626	1,650	1,674
Beginning Stocks	428	318	336	363	392	421	451	481	511	541	571
Domestic Supply	1,673	1,634	1,703	1,781	1,857	1,930	2,001	2,070	2,137	2,191	2,245
Consumption	1,955	1,990	2,027	2,068	2,110	2,154	2,198	2,242	2,284	2,327	2,370
Ending Stocks	318	336	363	392	421	451	481	511	541	571	601
Domestic Use	2,273	2,326	2,390	2,460	2,531	2,605	2,678	2,752	2,825	2,898	2,971
Net Trade	-600	-692	-688	-679	-675	-675	-677	-683	-688	-707	-727

European Union Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	2,100	2,098	2,104	2,101	2,086	2,083	2,082	2,081	2,080	2,079	2,077
					(Metric Tons per Hectare)						
Yield	56.19	56.24	56.31	56.38	56.46	56.53	56.61	56.68	56.76	56.83	56.91
					(Thousand Metric Tons)						
Production	118,000	117,986	118,462	118,454	117,797	117,786	117,863	117,951	118,041	118,131	118,221
Sugarcane					(Thousand Hectares)						
Area Harvested	2	2	2	2	2	2	2	2	2	2	2
					(Metric Tons per Hectare)						
Yield	80.95	81.04	81.57	82.25	83.04	83.81	84.57	85.34	86.10	86.86	87.63
					(Thousand Metric Tons)						
Production	170	172	175	177	179	181	182	184	185	187	188
Sugar											
Production	18,640	17,937	18,069	18,127	18,145	18,144	18,156	18,170	18,184	18,198	18,212
Beginning Stocks	1,963	2,635	2,762	2,829	2,864	2,883	2,894	2,901	2,905	2,907	2,909
Domestic Supply	20,603	20,572	20,831	20,956	21,009	21,027	21,050	21,070	21,089	21,105	21,121
Consumption	14,200	14,225	14,249	14,270	14,289	14,305	14,318	14,329	14,336	14,342	14,344
Ending Stocks	2,635	2,762	2,829	2,864	2,883	2,894	2,901	2,905	2,907	2,909	2,910
Domestic Use	16,835	16,988	17,078	17,134	17,172	17,199	17,219	17,233	17,244	17,251	17,255
Net Trade	3,768	3,584	3,753	3,822	3,837	3,828	3,831	3,837	3,845	3,854	3,867

Former Soviet Union Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	1,900	1,894	1,894	1,893	1,923	1,944	1,960	1,972	1,981	1,989	1,996
					(Metric Tons per Hectare)						
Yield	14.74	14.80	14.87	14.97	15.07	15.15	15.24	15.32	15.40	15.48	15.56
					(Thousand Metric Tons)						
Production	28,000	28,028	28,161	28,350	28,972	29,463	29,864	30,207	30,511	30,793	31,060
Sugar											
Production	4,070	4,074	4,102	4,146	4,220	4,291	4,350	4,400	4,444	4,485	4,524
Beginning Stocks	1,695	1,266	1,285	1,318	1,358	1,401	1,447	1,495	1,543	1,593	1,643
Domestic Supply	5,765	5,340	5,387	5,464	5,578	5,693	5,797	5,895	5,988	6,078	6,167
Consumption	9,614	9,103	9,203	9,312	9,426	9,546	9,671	9,802	9,938	10,079	10,223
Ending Stocks	1,266	1,285	1,318	1,358	1,401	1,447	1,495	1,543	1,593	1,643	1,693
Domestic Use	10,880	10,387	10,521	10,670	10,828	10,993	11,166	11,345	11,531	11,722	11,917
Net Trade	-5,115	-5,047	-5,134	-5,206	-5,250	-5,300	-5,369	-5,451	-5,543	-5,644	-5,750

Indian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	4,150	4,220	4,267	4,302	4,330	4,355	4,378	4,400	4,421	4,443	4,466
					(Metric Tons per Hectare)						
Yield	66.99	69.26	69.80	70.50	71.19	71.88	72.57	73.26	73.95	74.64	75.32
					(Thousand Metric Tons)						
Production	278,000	292,268	297,824	303,293	308,275	313,052	317,699	322,317	326,928	331,623	336,363
Sugar											
Production	16,826	17,018	17,401	17,781	18,166	18,541	18,911	19,379	19,795	20,219	20,630
Beginning Stocks	5,700	5,666	5,671	5,691	5,729	5,775	5,828	5,881	5,935	5,981	6,027
Domestic Supply	22,526	22,684	23,072	23,472	23,894	24,316	24,739	25,260	25,729	26,201	26,658
Consumption	17,200	17,562	17,934	18,325	18,731	19,132	19,530	19,929	20,322	20,716	21,113
Ending Stocks	5,666	5,671	5,691	5,729	5,775	5,828	5,881	5,935	5,981	6,027	6,073
Domestic Use	22,866	23,233	23,625	24,054	24,506	24,960	25,411	25,864	26,304	26,744	27,185
Net Trade	-340	-550	-553	-582	-612	-644	-672	-604	-574	-543	-528

Indonesian Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	400	401	403	406	408	410	413	415	418	420	422
					(Metric Tons per Hectare)						
Yield	69.38	71.34	71.64	72.19	72.69	73.19	74.18	75.25	76.34	77.43	78.51
					(Thousand Metric Tons)						
Production	27,750	28,617	28,886	29,275	29,655	30,037	30,632	31,260	31,891	32,521	33,151
Sugar											
Production	1,700	2,196	2,224	2,261	2,298	2,335	2,389	2,445	2,503	2,560	2,618
Beginning Stocks	520	520	536	537	536	534	534	533	532	530	529
Domestic Supply	2,220	2,716	2,760	2,798	2,833	2,869	2,923	2,978	3,035	3,091	3,147
Consumption	3,300	3,406	3,498	3,601	3,716	3,801	3,883	3,964	4,033	4,097	4,161
Ending Stocks	520	536	537	536	534	534	533	532	530	529	528
Domestic Use	3,820	3,942	4,035	4,137	4,250	4,335	4,416	4,496	4,563	4,626	4,689
Net Trade	-1,600	-1,226	-1,274	-1,339	-1,417	-1,466	-1,494	-1,517	-1,529	-1,535	-1,541

Japanese Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	68	68	69	69	70	70	70	69	69	69	69
					(Metric Tons per Hectare)						
Yield	54.04	54.17	54.54	55.00	55.52	56.06	56.62	57.18	57.74	58.30	58.86
					(Thousand Metric Tons)						
Production	3,675	3,708	3,765	3,817	3,863	3,903	3,937	3,968	3,996	4,025	4,049
Sugarcane					(Thousand Hectares)						
Area Harvested	23	23	23	23	23	23	23	23	23	22	22
					(Metric Tons per Hectare)						
Yield	65.22	65.37	65.46	65.55	65.64	65.73	65.83	65.92	66.01	66.10	66.20
					(Thousand Metric Tons)						
Production	1,500	1,495	1,494	1,492	1,492	1,492	1,490	1,489	1,487	1,486	1,484
Sugar											
Production	809	814	822	830	843	854	865	875	885	895	904
Beginning Stocks	87	101	96	87	80	75	63	48	32	18	2
Domestic Supply	896	915	918	917	923	929	928	923	917	912	905
Consumption	2,358	2,335	2,311	2,292	2,277	2,245	2,203	2,162	2,125	2,082	2,041
Ending Stocks	101	96	87	80	75	63	48	32	18	2	-14
Domestic Use	2,459	2,431	2,399	2,373	2,352	2,309	2,251	2,194	2,142	2,084	2,027
Net Trade	-1,563	-1,517	-1,481	-1,455	-1,429	-1,380	-1,323	-1,271	-1,226	-1,172	-1,121

Mexican Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	615	613	612	613	615	617	619	622	624	627	630
					(Metric Tons per Hectare)						
Yield	73.17	73.34	73.52	73.81	74.12	74.44	74.76	75.08	75.40	75.72	76.04
					(Thousand Metric Tons)						
Production	45,000	44,925	45,004	45,240	45,551	45,904	46,283	46,677	47,081	47,492	47,907
Sugar											
Production	5,100	5,181	5,199	5,235	5,280	5,326	5,374	5,425	5,476	5,529	5,582
Beginning Stocks	634	634	638	644	652	661	670	680	689	698	706
Domestic Supply	5,734	5,815	5,837	5,879	5,932	5,986	6,044	6,104	6,166	6,227	6,288
Consumption	4,130	4,191	4,241	4,295	4,350	4,401	4,449	4,495	4,537	4,577	4,614
Ending Stocks	634	638	644	652	661	670	680	689	698	706	714
Domestic Use	4,764	4,830	4,886	4,947	5,011	5,072	5,129	5,185	5,235	5,284	5,329
Net Trade	970	985	952	932	921	915	915	920	931	943	960

South Korean Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
					(Thousand Metric Tons)						
Production	0	0	0	0	0	0	0	0	0	0	0
Beginning Stocks	148	150	194	227	249	264	274	281	286	289	291
Domestic Supply	148	150	194	227	249	264	274	281	286	289	291
Consumption	1,198	1,219	1,252	1,290	1,328	1,364	1,398	1,430	1,458	1,484	1,508
Ending Stocks	150	194	227	249	264	274	281	286	289	291	291
Domestic Use	1,348	1,414	1,479	1,539	1,592	1,638	1,679	1,717	1,747	1,775	1,799
Net Trade	1,200	1,264	1,285	1,312	1,343	1,374	1,405	1,435	1,461	1,486	1,509

South African Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	326	330	333	335	338	341	343	346	348	351	353
					(Metric Tons per Hectare)						
Yield	69.02	69.12	69.22	69.32	69.42	69.52	69.62	69.72	69.82	69.92	70.02
					(Thousand Metric Tons)						
Production	22,500	22,775	23,022	23,252	23,473	23,688	23,900	24,109	24,318	24,527	24,737
Sugar											
Production	2,700	2,733	2,763	2,790	2,817	2,843	2,868	2,893	2,918	2,943	2,968
Beginning Stocks	364	369	373	376	377	377	377	375	373	369	364
Domestic Supply	3,064	3,102	3,136	3,166	3,194	3,220	3,245	3,269	3,291	3,312	3,333
Consumption	1,295	1,311	1,320	1,325	1,327	1,326	1,321	1,313	1,302	1,287	1,268
Ending Stocks	369	373	376	377	377	377	375	373	369	364	359
Domestic Use	1,664	1,684	1,696	1,702	1,704	1,703	1,697	1,686	1,671	1,651	1,627
Net Trade	1,400	1,418	1,440	1,464	1,489	1,517	1,548	1,582	1,620	1,661	1,706

Thai Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugarcane					(Thousand Hectares)						
Area Harvested	930	929	930	935	941	947	953	959	966	972	978
					(Metric Tons per Hectare)						
Yield	45.16	54.07	55.66	56.40	56.88	57.28	57.65	58.02	58.39	58.75	59.12
					(Thousand Metric Tons)						
Production	42,000	50,212	51,740	52,732	53,508	54,235	54,948	55,662	56,377	57,104	57,838
Sugar											
Production	4,220	5,021	5,174	5,294	5,394	5,489	5,583	5,677	5,773	5,870	5,969
Beginning Stocks	633	553	632	670	688	694	695	692	686	680	672
Domestic Supply	4,853	5,574	5,806	5,965	6,081	6,183	6,277	6,369	6,459	6,550	6,641
Consumption	1,700	1,744	1,787	1,830	1,870	1,909	1,946	1,981	2,013	2,044	2,073
Ending Stocks	553	632	670	688	694	695	692	686	680	672	663
Domestic Use	2,253	2,376	2,458	2,517	2,564	2,603	2,637	2,667	2,693	2,716	2,736
Net Trade	2,600	3,198	3,348	3,447	3,517	3,580	3,640	3,702	3,766	3,834	3,905

Rest-of-World Sugar Supply and Utilization

	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
Sugar Beet					(Thousand Hectares)						
Area Harvested	900	923	933	939	943	945	946	948	949	950	952
					(Metric Tons per Hectare)						
Yield	44.44	44.89	45.56	46.26	46.93	47.58	48.24	48.89	49.55	50.20	50.86
					(Thousand Metric Tons)						
Production	40,000	41,419	42,519	43,450	44,233	44,958	45,651	46,334	47,011	47,709	48,413
Sugarcane					(Thousand Hectares)						
Area Harvested	5,100	5,149	5,186	5,213	5,236	5,257	5,276	5,295	5,314	5,333	5,353
					(Metric Tons per Hectare)						
Yield	60.78	59.12	59.07	59.56	60.22	60.93	61.67	62.40	63.15	63.89	64.63
					(Thousand Metric Tons)						
Production	310,000	304,381	306,351	310,519	315,330	320,331	325,374	330,450	335,545	340,715	345,925
Sugar											
Production	27,112	27,891	28,401	29,081	29,810	30,559	31,187	31,822	32,463	33,116	33,778
Beginning Stocks	5,719	5,318	5,356	5,302	5,264	5,239	5,229	5,218	5,211	5,181	5,151
Domestic Supply	32,831	33,209	33,756	34,383	35,075	35,798	36,416	37,040	37,673	38,296	38,929
Consumption	31,774	32,443	33,208	34,000	34,806	35,628	36,453	37,288	38,115	38,951	39,790
Ending Stocks	5,318	5,356	5,302	5,264	5,239	5,229	5,218	5,211	5,181	5,151	5,116
Domestic Use	37,092	37,799	38,509	39,264	40,044	40,856	41,671	42,499	43,295	44,101	44,906
Net Trade	-4,261	-4,589	-4,753	-4,881	-4,970	-5,059	-5,255	-5,459	-5,622	-5,805	-5,978

MEAT

Meat

•Average U.S. cattle prices cycle upwards for the next four years, peaking at $75.52 per cwt ($1,665 per mt) in 2002.

•Hog prices in 1999 are expected to reach $35.41 per cwt ($781 per mt), enabling U.S. exporters to increase their share of the international pork market. Continued export growth helps bring U.S. hog prices back to more than $40 per cwt in 2000 and for most of the next decade.

•Strong domestic demand and production problems associated with the J-virus raised the average U.S. broiler price to a record $.63 per pound ($1,391 per mt). Broiler prices are expected to remain near $.60 per pound in 1999 before dropping to an average of $0.567 per pound ($1,250 per mt) for the rest of the projection period.

•World meat production is projected to increase at annual rate of 1.9 percent over the next decade, reaching a total of 179.9 mmt by 2008. The growth in meat output is composed of 53.6 percent pork, 38.7 percent poultry, and 7.6 percent beef.

•More than 55 percent of the total increase in meat output occurs in China. North American countries generate 22.9 percent of the total increase, with the United States contributing 5.8 mmt of the total 7.3 mmt expansion in North American meat output. Meat production in the Newly Independent States declines 0.7 mmt over the next decade, with the largest decreases occurring in the beef sector.

•Average per capita meat consumption for modeled countries increases 6 percent over the next decade, rising from 61.13 kg to 64.83 kg per person.

•Total meat trade rises 3 mmt from 1998 to 2008, with 45.8 percent of the increase occurring in broiler trade.

•Competitive U.S. prices and high quality enable U.S. meat producers to capture the largest share of growth in the world meat import demand. Argentina, Canada, and Brazil also increase meat exports substantially.

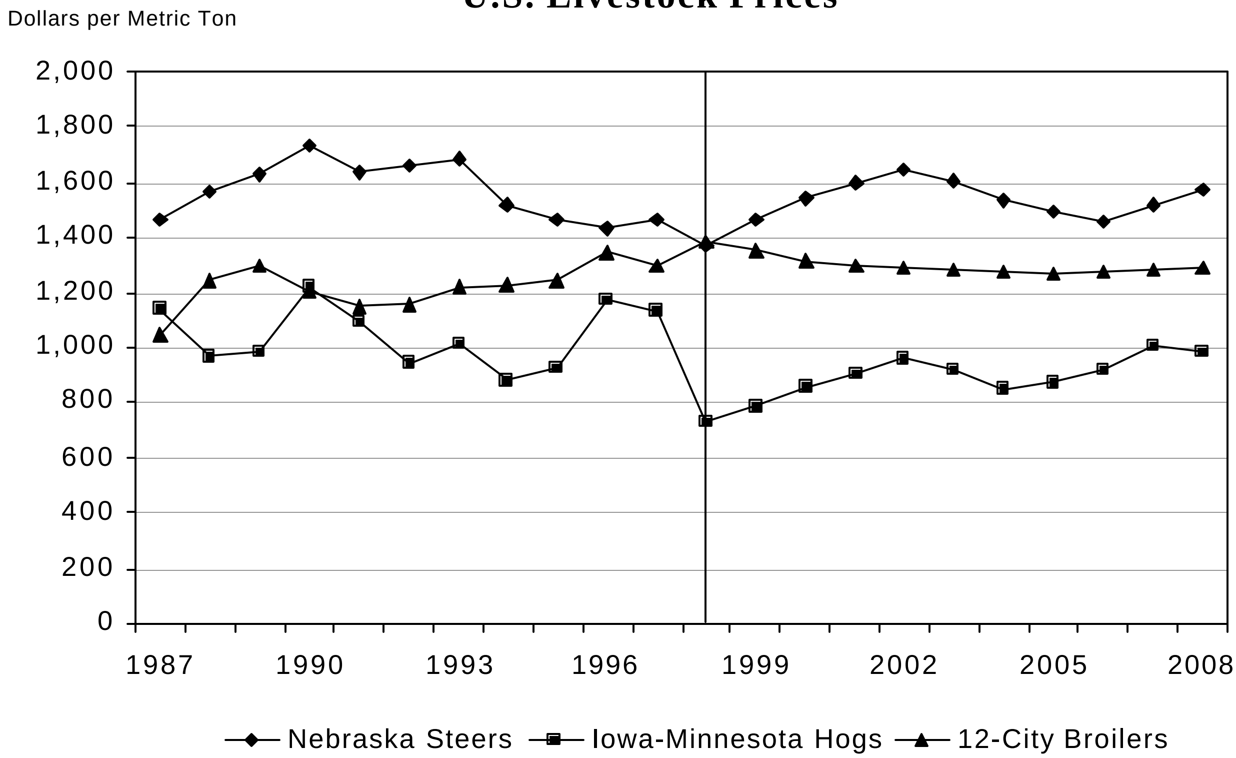
•Japanese beef and pork imports decline 4 to 6 percent over the next three years then begin to grow at 4 to 5 percent annually. Japanese poultry imports increase steadily throughout the next decade, rising an average of 5.3 percent each year.

•Weak domestic demand and production inefficiencies are expected to continue to hinder Russian meat production for the next five years. Economic recovery in the next century should spread to the swine and poultry sectors, and production will begin to increase slowly after 2002.

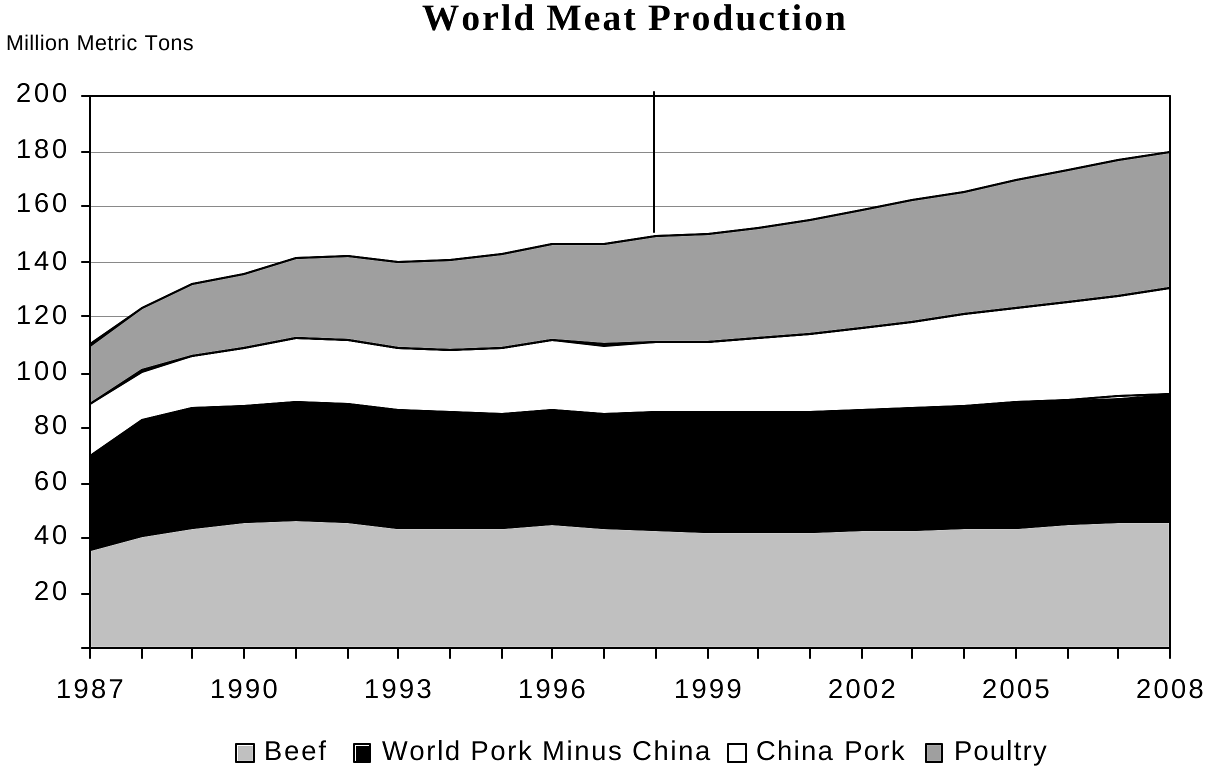
•Russian meat imports decline in the short run as a consequence of the Ruble devaluation in 1998. The recovery in domestic meat demand stimulates 4 percent annual growth in Russia's meat imports shortly after the turn of the century.

•FAPRI estimates that actual meat and egg production in China may be 45 percent lower than official Chinese statistics for 1997. Starting from the FAPRI's estimated production level, Chinese meat and egg production increases more than 40 percent over the next decade. Poultry and mutton production show the greatest increases in percentage terms, increasing 85 and 71 percent, respectively. In quantity terms, the increase in pork production, 13 mmt, is greater than the production growth of all other meats and eggs combined

U.S. Livestock Prices



World Meat Production



Beef and Veal

•The U.S. share of beef exports by modeled countries swells from 20.3 percent in 1998 to 35.0 percent in 2007. With the exception of Argentina and Canada, the shares of other major beef exporters decline.

•Increased meat packing capacity in Canada reduces the number of slaughter cattle exported to the United States, leading to a 15 percent rise in the Canadian supply of beef for export.

•Beef consumption in Mexico is projected to grow at an average rate of 1.6 percent annually over the next decade. Production rises slightly slower than consumption, prompting an average increase in beef imports of 15 tmt each year.

•High feed costs and reduced profitability caused dramatic declines in Argentina's cattle inventory in 1997 and 1998, reducing Argentine beef production by more than 300 tmt since 1997. FMD-free status is expected to increase Argentina's export demand, contributing to the incentives for producers to expand production and exports annually, by 1.4 and 3.7 percent, respectively.

•The EU's elimination of the early processing scheme for calves in 1999 is expected to increase calf slaughter by 700,000 head in 2000. The average calf slaughter weight is expected to rise 2.2 percent. Removal of the Over-Thirty-Month scheme in 2001 allows cull cow slaughter to enter the beef marketing chain, increasing beef production by nearly 250 tmt in 2002.

•EU beef production in excess of consumption rises to nearly 600 tmt in 2002. WTO constraints on subsidized beef exports limit the share of excess supply that can be absorbed by exports; therefore, beef stocks rise more than 200 tmt each year, reaching 1.8 mmt by 2008.

•Accounting for 41 percent of the beef imported by Russia, EU beef exports are greatly affected by the Russian crisis. EU beef export levels fall 5 to 6 percent below the subsidized export limit in 1998 and 1999.

•Russian and Korean beef imports declined 17.4 and 37.2 percent, respectively, in 1998. Russian imports continue to decline through 2000.

•Korean beef imports are expected to fall short of their minimum access commitments.

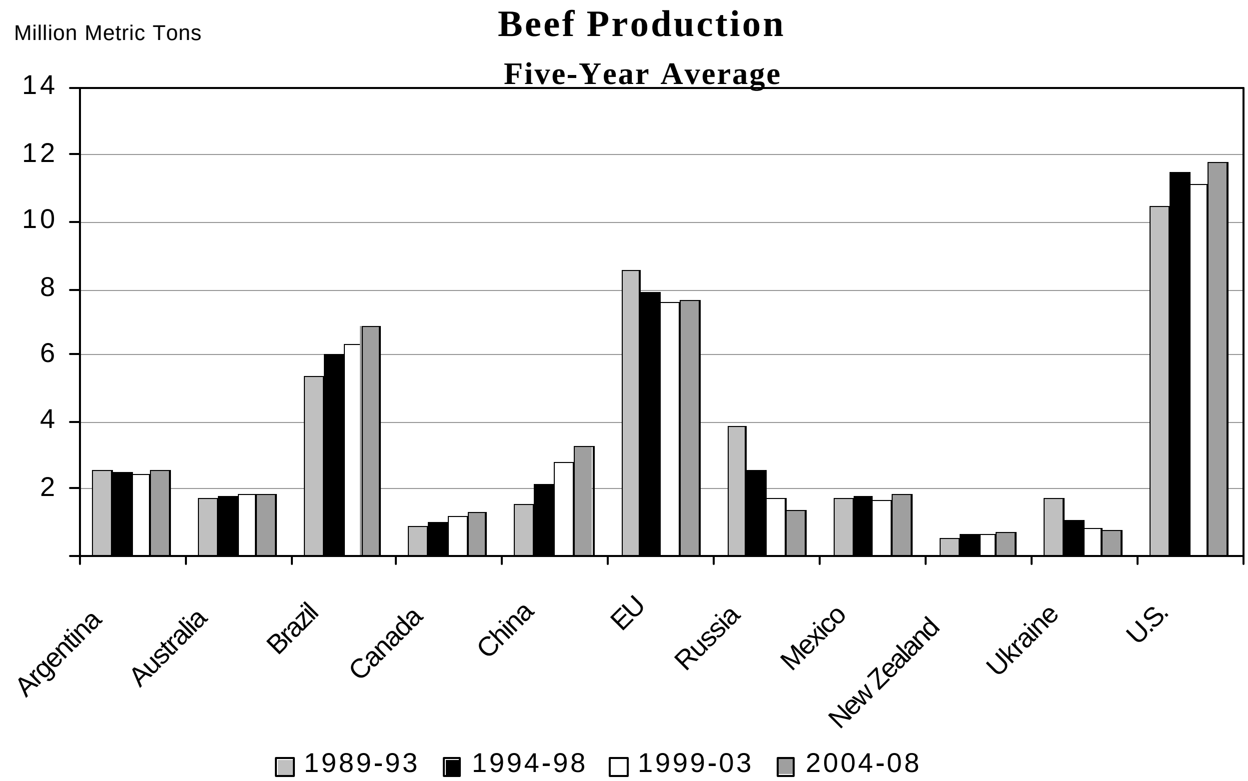
•Chinese per capita beef consumption rises from 2.0 kg per person to 2.7 kg, prompting an increase in beef production of more than 1 mmt.

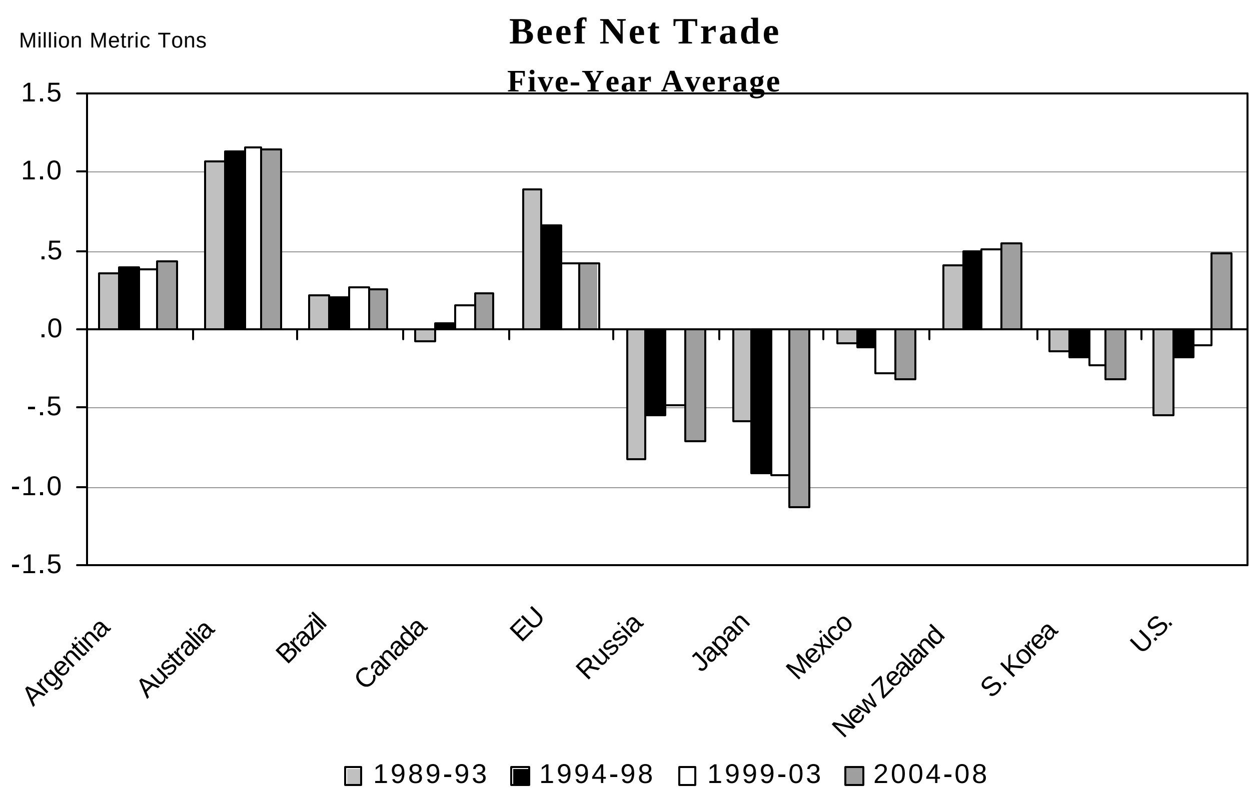
•Australia's live cattle exports to Asian countries dropped nearly 50 percent in 1998 due to the Asian financial crisis. Australian cattle exports slowly recover to pre-crisis levels by the end of the projection period.

Beef and Veal Trade

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Argentina	240	310	353	392	428	452	461	447	439	435	440
Australia	1,187	1,188	1,172	1,156	1,148	1,137	1,133	1,135	1,139	1,145	1,149
Brazil	245	271	280	278	278	273	267	262	258	260	265
Canada	135	126	123	147	178	204	215	222	231	247	254
China - Mainland	43	48	57	50	42	32	25	18	13	11	10
Czech Republic	15	18	21	23	22	20	17	14	12	10	10
European Union *	491	446	426	427	429	428	427	426	425	426	428
Hungary	7	7	7	7	7	7	6	6	6	5	5
New Zealand	508	508	507	508	514	521	530	539	548	559	569
Poland	35	31	23	13	7	-5	-10	-14	-16	-15	-13
Thailand	0	0	0	0	0	0	0	0	0	0	0
Ukraine	48	33	19	10	9	6	-1	-7	-10	-10	-10
United States	-205	-249	-194	-124	-37	103	245	426	578	600	543
Total Net Exports	2,748	2,737	2,795	2,886	3,024	3,176	3,316	3,473	3,622	3,674	3,650
Net Importers											
China - Hong Kong	52	51	51	53	54	55	58	60	62	63	64
Indonesia	1	1	1	1	1	1	1	1	1	1	1
Japan	964	928	904	901	907	954	1,019	1,088	1,149	1,172	1,188
Mexico	171	235	262	276	287	300	308	314	320	319	325
Other Eastern Europe	44	45	47	48	50	51	51	50	47	39	32
Other Former Soviet Union	-57	-27	33	63	76	80	83	96	103	102	84
Philippines	65	61	64	62	63	67	72	78	84	87	90
Russia	491	418	416	470	522	580	627	668	710	740	758
South Korea	125	168	184	200	263	296	308	320	324	328	329
Taiwan	76	74	75	78	81	85	90	95	100	104	107
Rest of World	816	784	758	735	721	707	699	704	722	718	673
Total Net Imports	2,748	2,737	2,795	2,886	3,024	3,176	3,316	3,473	3,622	3,674	3,650
Nebraska Direct					(U.S. Dollars per Metric Ton)						
Fed Steer Price	1,355	1,449	1,528	1,605	1,665	1,644	1,613	1,563	1,530	1,569	1,644

* Includes meat and meat equivalent of live cattle trade.


Million Metric Tons
Beef Production
Five-Year Average
14
12
10
8
6
4
2
Argentina
Australia
Brazil
Canada
China
EU
Russia
Mexico
New Zealand
Ukraine
U.S.
1989-93
1994-98
1999-03
2004-08


Million Metric Tons
Beef Net Trade
Five-Year Average
1.5
1.0
.5
.0
-.5
-1.0
-1.5
Argentina
Australia
Brazil
Canada
EU
Russia
Japan
Mexico
New Zealand
S. Korea
U.S.
1989-93
1994-98
1999-03
2004-08

Pork

•An excess supply of market hogs in many pork-producing countries caused hog prices around the world to plummet to record lows last year. Low prices stimulate greater consumption, which is further bolstered in the new millennium by the economic recovery in several Asian countries

•World pork output is projected to reach 84.3 mmt by 2008, an increase of 24.5 percent over 1998 levels. Nearly 80 percent of the total increase in world pork output is projected to occur in China.

•World pork trade is projected to grow 36 percent in the next decade. Low-cost feed and capital inputs, coupled with high productivity, enable the United States to capture 76 percent of the growth in international markets. The U.S. share of total pork trade increases from 12.0 percent in 1998 to 32.6 percent in 2008.

•New meat packing facilities in Canada siphon hogs away from live hog exports to the United States, decreasing Canadian live trade by 62 percent in the next 10 years. Consequently, Canadian pork exports increase as much as 17 percent above 1998 levels.

•In response to the outbreak of Classical Swine Fever in the Netherlands in 1997, pork production increased in several European countries in 1998. Total production increased 5 percent, causing the average producer price to drop 28 percent. EU pork production is expected to continue to grow at 0.5 percent annually during the next decade.

•In 1998, 56 percent of the EU's pork exports were unsubsidized. As WTO limitations reduce subsidized exports, unsubsidized shipments grow slightly, enabling EU pork exports to remain near 1.1 mmt.

•Polish pork exports dropped 15.5 percent in 1998. Economic recovery in Russia and other NIS boost the demand for Polish pork, keeping export levels in the new millennium above the 1997 high of 284 tmt.

•As a consequence of the economic crisis, Russian pork imports declined 100 tmts in 1998, and they are expected to drop an additional 45 tmt by 2000. Although Russian pork imports resume growing in the next century, they do not exceed 350 tmt.

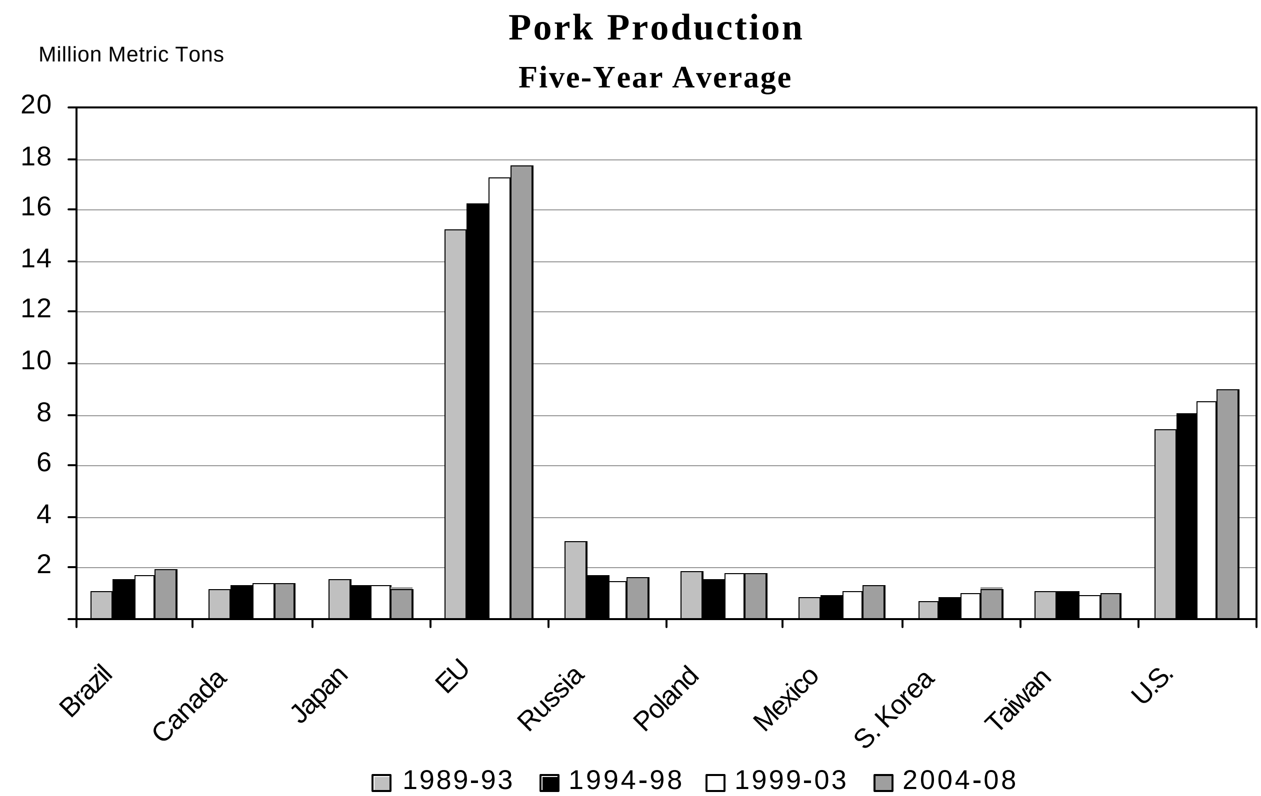
•Japanese pork imports dropped 18.4 percent following the disruption of trade with Taiwan in 1997. Imports are expected to decline an additional 6.4 percent in the next two years. However, when economic growth in Japan resumes, pork imports increase 5 percent annually for the remainder of the projection period.

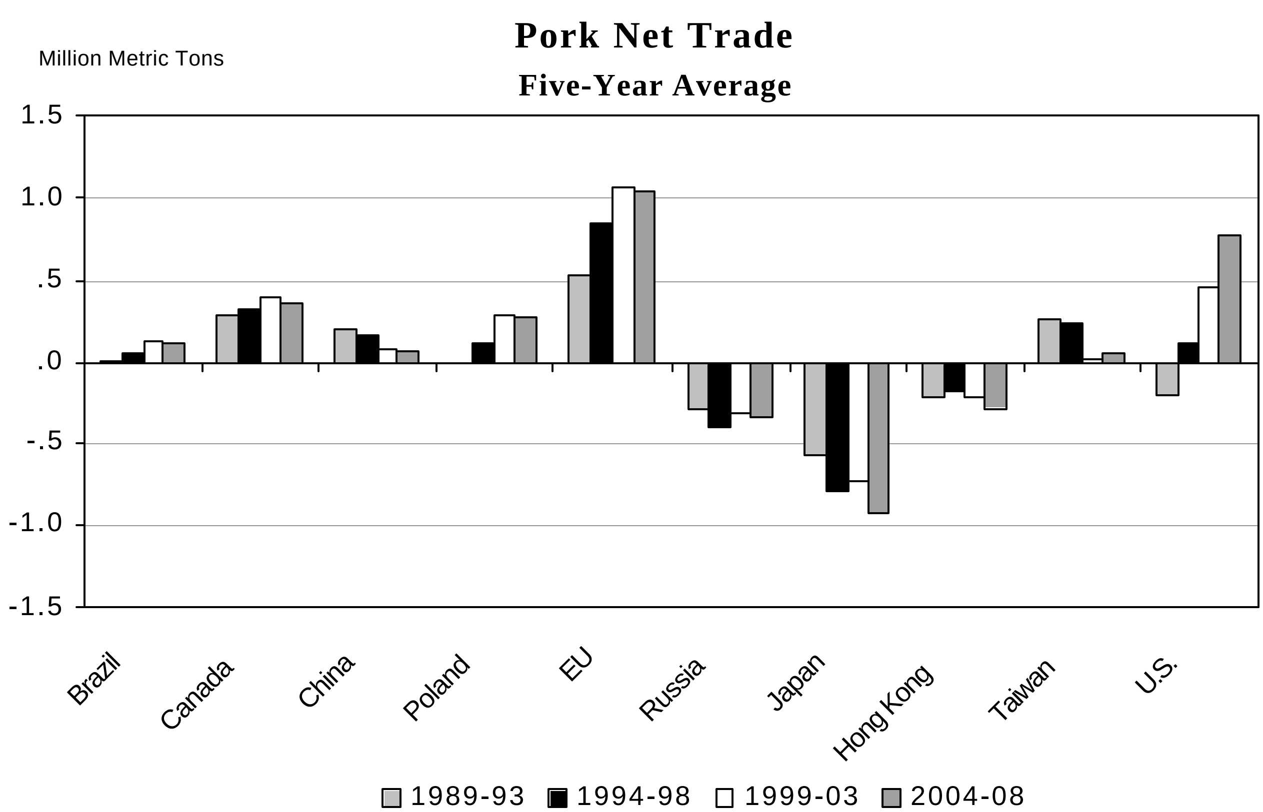
•Hong Kong pork imports rise to 337 tmt by 2008; however, between 100 and 150 tmt will most likely be unofficially transshipped into Mainland China.

Per capita pork consumption in China increases 40 percent over the next decade, spurring a 48 percent growth in domestic pork production. China's rise in production accounts for nearly 76 percent of the total increase in world pork output.

Pork Trade

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Australia	6	11	17	17	15	9	12	13	11	8	9
Brazil	77	106	134	136	129	106	117	123	113	100	103
Canada	340	328	358	425	435	387	370	369	367	343	333
China - Mainland	87	77	93	88	78	59	63	63	53	43	42
Czech Republic	10	17	26	27	24	15	18	18	15	11	13
European Union	1,040	1,059	1,082	1,082	1,068	1,016	1,047	1,061	1,040	1,012	1,023
Hungary	18	34	44	46	44	34	37	37	33	28	29
Poland	220	248	293	306	299	271	280	284	275	264	270
Taiwan	-11	-10	-5	15	25	40	50	50	50	50	50
Thailand	0	0	0	0	0	0	0	0	0	0	0
Ukraine	5	11	13	5	3	-3	1	2	0	-4	-3
United States	244	324	379	423	539	584	626	701	780	836	902
Total Net Exports	2,036	2,208	2,433	2,571	2,660	2,517	2,620	2,722	2,737	2,691	2,771
Net Imports											
Argentina	66	63	60	60	61	64	63	62	64	66	65
China - Hong Kong	213	210	184	195	219	264	256	259	282	308	312
Indonesia	0	0	0	0	0	0	0	0	0	0	0
Japan	735	719	686	705	748	841	846	843	910	989	1,020
Mexico	40	32	24	24	31	50	45	43	52	63	64
New Zealand	8	7	6	5	6	7	6	5	6	6	6
Other Eastern Europe	116	113	111	108	106	109	102	94	90	87	83
Other Former Soviet Union	-26	-18	9	8	8	15	14	10	10	14	10
Philippines	7	4	4	4	5	7	5	5	6	8	7
Russia	343	307	298	309	324	343	337	332	338	348	347
South Korea	-40	-51	-37	-36	-37	-17	-24	-26	-17	-5	-7
Rest of World	573	823	1,088	1,188	1,190	834	970	1,094	996	809	863
Total Net Imports	2,036	2,208	2,433	2,571	2,660	2,517	2,620	2,722	2,737	2,691	2,771
Iowa-Southern Minnesota					(U.S. Dollars per Metric Ton)						
Barrow and Gilt Price	700	781	937	980	958	805	922	994	938	864	920


Pork Production
Five-Year Average
Million Metric Tons
20
18
16
14
12
10
8
6
4
2
Brazil
Canada
Japan
EU
Russia
Poland
Mexico
S. Korea
Taiwan
U.S.
1989-93
1994-98
1999-03
2004-08


Pork Net Trade
Five-Year Average
Million Metric Tons
1.5
1.0
.5
.0
-.5
-1.0
-1.5
Brazil
Canada
China
Poland
EU
Russia
Japan
Hong Kong
Taiwan
U.S.
1989-93
1994-98
1999-03
2004-08

Poultry

•Over the next 10 years, per capita poultry consumption is projected to rise an average of 1.4 percent annually. World poultry production will grow briskly at 2.8 percent each year, and poultry exports increase 3.4 percent annually.

•Total poultry output increases 31 percent over the projection period. The United States remains the world's largest poultry producer, generating roughly 35 percent of world output.

•Broiler trade increases 40 percent from 1998 to 2008 for a total change of more than 1.3 mmt. More than 55 percent of growth in net imports occurs in China and Japan, with additional imports by each country in excess of 335 tmt by 2008.

•U.S. exporters capture most of the increase in world broiler imports over the next decade and Brazil secures an additional 164 tmt of exports. Abundant grain supplies and high productivity give both countries an advantage over competitors in Europe and East Asia.

•Mexican output of poultry meat climbs nearly 22.1 percent from 1998 to 2008; nevertheless, the complete liberalization of Mexico's broiler sector under NAFTA prompts broiler net imports to nearly double in 2003. Mexican net imports of broiler meat continue to increase 5.3 percent annually until 2008.

•Brazilian broiler exports expand an average of 16 tmt annually; nevertheless, Brazil's share of total broiler trade declines from 16.4 percent in 1998 to 15.1 percent in 2008.

•EU broiler production increases an average of 1.1 percent each year. Broiler consumption rises 1.6 percent annually, putting upward pressure on domestic prices and causing EU broiler exports to decline 1.7 percent annually.

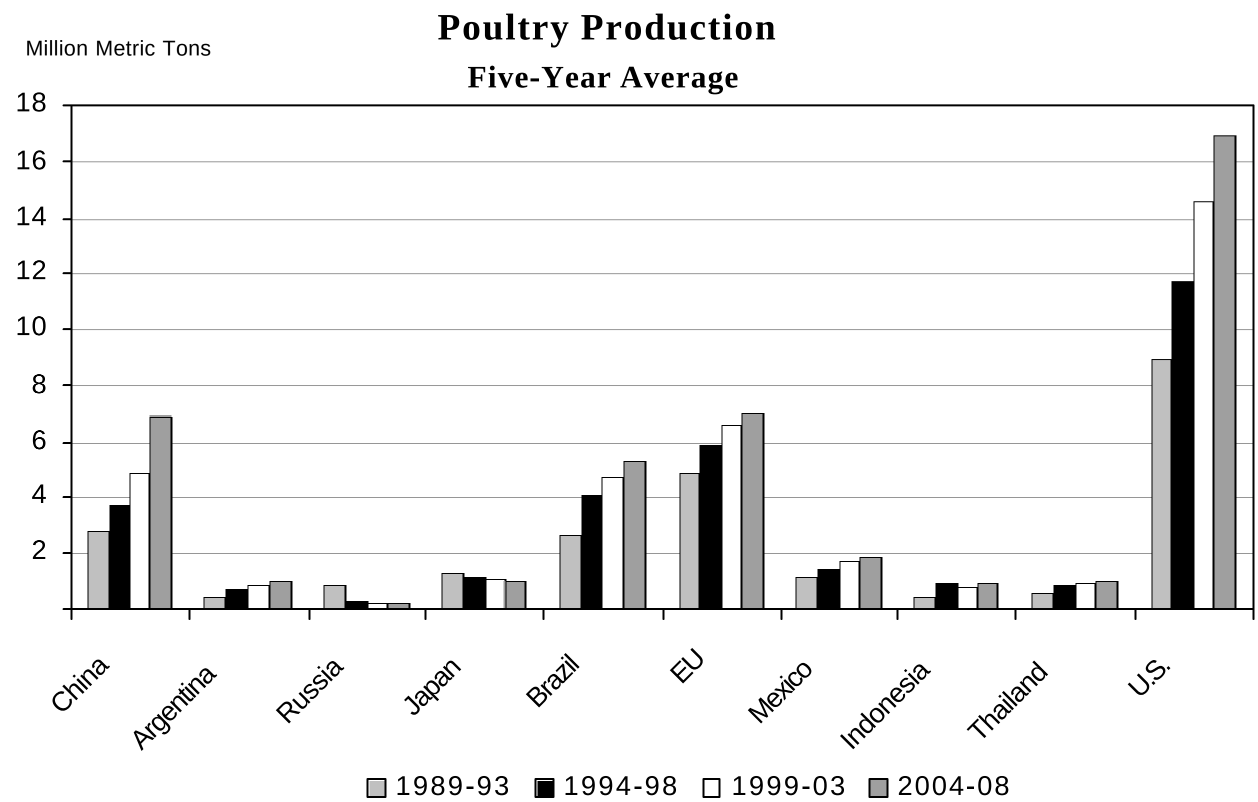
•As Russian consumer purchases respond to economic recovery, poultry imports rise 2.2 percent annually after the year 2000, despite 3.2 percent annual growth in Russian poultry production.

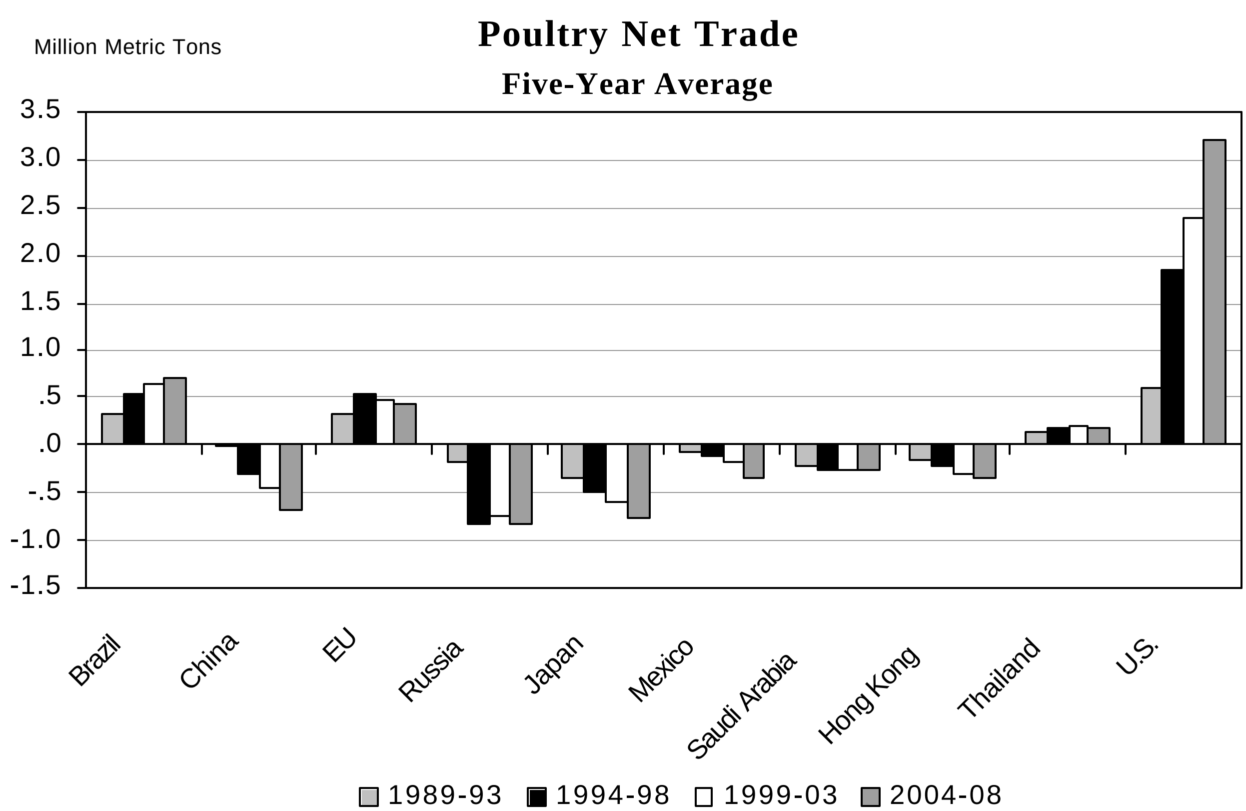
•Chinese poultry output is projected to increase an additional 85 percent over the next decade, making China the world's second largest poultry producer by the end of the projection period.

•Depreciation of the Thai Baht strengthens Thailand's broiler exports in 1998 and 1999. In the long run, domestic consumption in Thailand reduces its exportable surplus of broiler meat and puts upward pressure on prices, eroding Thailand's competitive position relative to the United States and Brazil.

Broiler Meat Trade

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Australia	10	10	8	8	8	7	7	6	6	6	6
Brazil	570	617	630	643	654	669	682	696	709	719	734
European Union	542	529	500	492	479	471	460	450	439	430	426
Hungary	68	72	66	64	60	57	53	50	47	45	44
Other Former Soviet Union	19	23	14	12	8	6	12	11	9	7	6
Thailand	240	231	217	214	210	206	203	199	196	193	192
United States	2,024	1,987	2,270	2,365	2,522	2,779	2,936	3,077	3,228	3,362	3,451
Total Net Exports	3,473	3,469	3,706	3,797	3,941	4,194	4,353	4,491	4,634	4,762	4,858
Net Importers											
Argentina	35	33	37	38	40	42	44	46	48	50	51
Canada	20	21	25	24	26	28	30	31	32	33	34
China - Mainland	340	388	404	448	503	552	594	641	688	732	770
China - Hong Kong	219	258	275	286	296	305	314	323	332	339	346
Czech Republic	0	0	1	2	3	4	5	6	6	7	7
Indonesia	0	1	2	2	2	3	3	3	3	4	4
Japan	492	519	560	585	619	651	690	723	758	794	829
Mexico	128	124	137	140	146	290	315	332	349	364	375
Other Eastern Europe	24	22	23	22	22	21	21	21	21	20	20
Poland	44	36	42	44	47	49	51	54	55	56	55
Russia	751	684	714	740	765	782	797	810	824	838	850
Saudi Arabia	256	268	277	271	269	266	263	261	259	257	254
South Korea	12	21	34	40	44	50	57	65	74	83	91
Ukraine	25	25	27	27	28	28	28	29	29	29	30
Rest of World	1,126	1,070	1,147	1,128	1,131	1,126	1,140	1,145	1,155	1,158	1,143
Total Net Imports	3,473	3,469	3,706	3,797	3,941	4,194	4,353	4,491	4,634	4,762	4,858
					(U.S. Dollars per Metric Ton)						
U.S. 12-City Price	1,391	1,310	1,242	1,258	1,252	1,256	1,253	1,248	1,240	1,239	1,254


Poultry Production
Million Metric Tons
Five-Year Average
18
16
14
12
10
8
6
4
2
China
Argentina
Russia
Japan
Brazil
EU
Mexico
Indonesia
Thailand
U.S.
1989-93
1994-98
1999-03
2004-08


Poultry Net Trade
Million Metric Tons
Five-Year Average
3.5
3.0
2.5
2.0
1.5
1.0
.5
.0
-.5
-1.0
-1.5
Brazil
China
EU
Russia
Japan
Mexico
Saudi Arabia
Hong Kong
Thailand
U.S.
1989-93
1994-98
1999-03
2004-08

U.S. Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	99.7	97.8	96.5	95.5	95.4	95.9	96.6	97.2	97.2	96.3	95.2
Hog Inventories (Beg.)	55.5	52.8	53.9	54.5	55.5	57.0	56.8	56.7	56.4	56.7	57.4
Live Cattle Trade					(Thousand Head)						
Export	271	275	276	276	275	275	275	275	275	274	274
Import	2,037	1,828	1,701	1,604	1,516	1,524	1,526	1,525	1,528	1,541	1,541
Live Hog Trade											
Export	57	57	57	57	57	57	57	57	57	57	57
Import	4,092	3,014	2,219	2,723	2,302	1,926	1,804	1,799	1,786	1,615	1,615
Beef					(Thousand Metric Tons)						
Production	11,690	11,265	11,142	11,050	11,037	11,191	11,403	11,703	11,951	12,033	11,996
Imports	1,184	1,266	1,320	1,320	1,297	1,261	1,224	1,212	1,234	1,252	1,267
Total Supply	13,085	12,712	12,638	12,544	12,508	12,626	12,804	13,093	13,366	13,468	13,445
Consumption	11,925	11,519	11,338	11,174	11,074	11,086	11,157	11,274	11,372	11,434	11,454
Exports	979	1,017	1,126	1,196	1,260	1,363	1,469	1,637	1,813	1,852	1,810
Ending Stocks	181	176	175	174	175	177	179	181	183	183	181
Total Use	12,904	12,536	12,463	12,370	12,334	12,449	12,625	12,912	13,184	13,285	13,263
Pork											
Production	8,628	8,561	8,205	8,306	8,519	8,781	8,797	8,775	8,994	9,183	9,196
Imports	315	318	295	286	249	262	267	250	233	243	247
Total Supply	9,129	9,105	8,700	8,786	8,973	9,254	9,285	9,241	9,443	9,651	9,673
Consumption	8,343	8,264	7,833	7,873	7,974	8,188	8,176	8,074	8,205	8,341	8,295
Exports	559	642	674	709	788	846	893	951	1,013	1,079	1,149
Ending Stocks	227	200	193	205	211	220	216	215	225	231	230
Total Use	8,902	8,906	8,506	8,581	8,762	9,034	9,069	9,025	9,218	9,420	9,444
Broiler											
Production	12,525	13,198	13,963	14,659	15,203	15,727	16,181	16,574	16,942	17,253	17,535
Total Supply	12,800	13,516	14,306	15,025	15,584	16,119	16,592	17,002	17,383	17,702	17,991
Consumption	10,459	11,186	11,671	12,279	12,670	12,928	13,229	13,485	13,705	13,884	14,078
Exports	2,026	1,987	2,270	2,365	2,522	2,779	2,936	3,077	3,228	3,362	3,451
Ending Stocks	318	343	366	381	392	411	428	440	450	456	461
Total Use	12,485	13,172	13,941	14,644	15,192	15,707	16,164	16,562	16,933	17,246	17,530
Turkey											
Production	2,347	2,362	2,398	2,433	2,468	2,508	2,550	2,590	2,632	2,677	2,723
Imports	188	125	116	119	119	119	121	124	125	127	129
Total Supply	2,535	2,487	2,514	2,551	2,587	2,627	2,671	2,714	2,757	2,804	2,852
Consumption	2,216	2,175	2,172	2,199	2,220	2,233	2,258	2,287	2,314	2,345	2,382
Exports	194	195	223	232	248	273	288	302	317	330	339
Ending Stocks	125	116	119	119	119	121	124	125	127	129	131
Total Use	2,410	2,370	2,395	2,432	2,468	2,507	2,546	2,589	2,630	2,674	2,721
Producer Prices					(U.S. Dollars per Metric Ton)						
Nebraska Direct Fed Steers	1,355	1,449	1,528	1,605	1,665	1,644	1,613	1,563	1,530	1,569	1,644
Iowa-Southern Minnesota Barrows and Gilts	700	781	937	980	958	805	922	994	938	864	920
12-City Broiler Wholesale	1,391	1,310	1,242	1,258	1,252	1,256	1,253	1,248	1,240	1,239	1,254
Retail Prices					(U.S. Dollars per Kilogram)						
Beef	6.11	6.26	6.42	6.57	6.68	6.68	6.68	6.61	6.61	6.66	6.79
Pork	5.05	5.07	5.25	5.34	5.31	5.18	5.25	5.31	5.29	5.18	5.20
Broiler	3.40	3.32	3.28	3.28	3.31	3.36	3.38	3.40	3.40	3.40	3.45
Turkey	2.20	2.25	2.23	2.23	2.29	2.34	2.33	2.34	2.36	2.36	2.37

Argentine Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	50.1	50.9	51.7	52.8	53.6	54.0	54.2	54.1	54.2	54.4	54.9
Beef					(Thousand Metric Tons)						
Production	2,250	2,328	2,392	2,466	2,535	2,568	2,597	2,601	2,606	2,617	2,638
Imports	40	35	33	32	31	33	34	36	38	39	40
Total Supply	2,310	2,383	2,446	2,518	2,585	2,621	2,651	2,658	2,665	2,677	2,698
Consumption	2,010	2,017	2,039	2,074	2,107	2,115	2,136	2,154	2,168	2,182	2,198
Exports	280	346	386	424	459	485	495	484	477	474	480
Ending Stocks	20	20	20	20	20	20	20	20	20	20	20
Total Use	2,310	2,383	2,446	2,518	2,585	2,621	2,651	2,658	2,665	2,677	2,698
Pork											
Production	119	121	124	130	135	140	149	159	168	177	188
Imports	66	63	60	60	61	64	63	62	64	66	65
Total Supply	185	183	184	189	196	205	212	221	232	243	253
Consumption	185	183	184	189	196	205	212	221	232	243	253
Total Use	185	183	184	189	196	205	212	221	232	243	253
Broiler											
Production	815	829	841	865	889	919	953	990	1,026	1,065	1,105
Imports	55	54	56	58	59	60	62	63	65	66	67
Total Supply	873	887	905	929	955	986	1,022	1,060	1,098	1,138	1,179
Consumption	849	859	878	903	929	961	998	1,036	1,075	1,114	1,156
Exports	20	21	20	19	19	18	18	17	17	16	16
Ending Stocks	4	7	7	7	7	7	7	7	7	7	7
Total Use	873	887	905	929	955	986	1,022	1,060	1,098	1,138	1,179
Producer Prices					(Argentine Peso per Kilogram)						
Beef	0.88	0.78	0.76	0.75	0.74	0.80	0.83	0.88	0.93	0.99	1.05
Pork	1.00	0.94	0.97	1.01	1.04	1.07	1.12	1.17	1.19	1.21	1.25
Broiler	0.94	0.84	0.85	0.89	0.91	0.95	0.98	1.01	1.04	1.07	1.10

Australian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	25.5	25.3	25.1	24.9	24.8	24.9	25.1	25.4	25.6	25.7	25.7
Hog Inventories (Beg.)	2.6	2.6	2.8	3.0	3.1	3.1	3.1	3.0	3.0	3.1	3.1
Sheep Inventories (Beg.)	119.6	119.3	117.0	113.4	109.7	106.1	103.1	100.5	98.5	97.0	95.9
Live Cattle Trade						(Thousand Head)					
Export	470	508	573	621	641	684	728	778	822	853	869
Beef						(Thousand Metric Tons)					
Production	1,890	1,884	1,872	1,857	1,853	1,850	1,856	1,869	1,883	1,897	1,904
Imports	3	5	5	5	5	5	5	5	5	5	5
Total Supply	1,936	1,940	1,928	1,913	1,909	1,906	1,912	1,925	1,939	1,953	1,960
Consumption	695	696	700	702	705	713	723	734	745	751	756
Exports	1,190	1,193	1,177	1,161	1,153	1,142	1,138	1,140	1,144	1,150	1,154
Ending Stocks	51	51	51	51	51	51	51	51	51	51	51
Total Use	1,936	1,940	1,928	1,913	1,909	1,906	1,912	1,925	1,939	1,953	1,960
Pork											
Production	354	376	392	400	403	404	408	414	420	424	431
Imports	6	4	3	3	4	5	4	4	4	5	5
Total Supply	360	381	396	403	407	409	413	418	424	430	436
Consumption	348	365	376	383	388	394	397	401	409	416	422
Exports	12	16	20	20	19	14	16	17	16	14	14
Total Use	360	381	396	403	407	409	413	418	424	430	436
Broiler											
Production	524	533	553	560	566	570	575	580	585	592	601
Total Supply	544	553	560	567	573	577	582	587	592	599	608
Consumption	514	536	545	552	558	563	568	574	579	587	595
Exports	10	10	8	8	8	7	7	6	6	6	6
Ending Stocks	20	7	7	7	7	7	7	7	7	7	7
Total Use	544	553	560	567	573	577	582	587	592	599	608
Lamb and Mutton											
Production	650	652	657	659	660	662	664	666	668	672	676
Total Supply	654	656	661	663	664	666	668	670	672	676	680
Consumption	351	353	358	362	366	370	374	378	382	387	393
Exports	299	300	299	297	295	292	290	288	287	285	283
Ending Stocks	4	4	4	4	4	4	4	4	4	4	4
Total Use	654	656	661	663	664	666	668	670	672	676	680
Producer Prices						(Australian Cents per Kilogram)					
Beef Saleyard	186	191	200	213	224	225	223	217	212	217	228
Pork Saleyard	197	177	174	177	184	188	200	207	210	215	224
Lamb Saleyard	172	177	184	191	199	206	213	220	227	235	242
Wool Auction	341	289	257	238	227	221	219	219	221	224	228
Retail Prices											
Beef	1,018	1,035	1,065	1,105	1,142	1,147	1,141	1,122	1,107	1,121	1,154
Pork	793	735	733	744	762	773	803	820	825	836	861
Poultry	315	285	290	296	305	316	326	334	343	351	359
Sheep	700	715	735	757	779	801	823	844	864	886	906

Brazilian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	144.7	142.8	141.7	141.2	141.3	142.1	143.4	145.1	147.0	148.9	150.6
Hog Inventories (Beg.)	31.4	31.7	32.4	33.2	34.0	34.6	35.2	35.4	35.6	36.0	36.5
Beef					(Thousand Metric Tons)						
Production	6,140	6,164	6,229	6,307	6,408	6,508	6,619	6,737	6,859	6,992	7,122
Imports	90	83	81	82	82	83	84	86	87	86	85
Total Supply	6,240	6,257	6,321	6,399	6,499	6,601	6,713	6,832	6,956	7,088	7,216
Consumption	5,895	5,893	5,950	6,029	6,130	6,235	6,351	6,475	6,601	6,731	6,856
Exports	335	354	361	360	360	356	352	347	345	346	350
Ending Stocks	10	10	10	10	10	10	10	10	10	10	10
Total Use	6,240	6,257	6,321	6,399	6,499	6,601	6,713	6,832	6,956	7,088	7,216
Pork											
Production	1,603	1,646	1,692	1,736	1,774	1,800	1,841	1,878	1,909	1,939	1,976
Imports	7	5	4	4	4	5	4	4	4	5	5
Total Supply	1,610	1,657	1,711	1,754	1,793	1,820	1,860	1,897	1,929	1,959	1,996
Consumption	1,520	1,531	1,558	1,600	1,645	1,694	1,724	1,755	1,796	1,839	1,873
Exports	84	111	138	139	133	111	122	127	117	105	108
Ending Stocks	6	15	15	15	15	15	15	15	15	15	15
Total Use	1,610	1,657	1,711	1,754	1,793	1,820	1,860	1,897	1,929	1,959	1,996
Broiler											
Production	4,485	4,570	4,634	4,730	4,837	4,940	5,057	5,172	5,281	5,378	5,485
Total Supply	4,485	4,570	4,641	4,737	4,844	4,947	5,064	5,179	5,288	5,385	5,492
Consumption	3,915	3,946	4,004	4,088	4,182	4,271	4,375	4,475	4,571	4,659	4,751
Exports	570	617	630	643	654	669	682	696	709	719	734
Ending Stocks	0	7	7	7	7	7	7	7	7	7	7
Total Use	4,485	4,570	4,641	4,737	4,844	4,947	5,064	5,179	5,288	5,385	5,492
Producer Prices					(Reais per Kilogram)						
Beef	1.84	1.93	2.12	2.31	2.49	2.65	2.78	2.89	2.98	3.09	3.21
Pork	1.56	1.56	1.67	1.77	1.89	1.98	2.13	2.27	2.37	2.50	2.66
Broiler - Wholesale	1.13	1.13	1.22	1.31	1.40	1.49	1.56	1.63	1.70	1.81	1.90

Canadian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	13.2	12.8	12.7	12.7	12.9	13.2	13.4	13.6	13.6	13.6	13.5
Hog Inventories (Beg.)	11.8	11.9	10.7	11.2	12.0	13.0	13.7	12.8	12.4	12.9	13.3
Live Cattle Trade						(Thousand Head)					
Export	1,386	1,289	1,197	1,115	1,038	1,058	1,067	1,072	1,079	1,091	1,096
Import	70	70	69	69	68	67	66	66	66	65	65
Live Hog Trade											
Export	4,094	3,015	2,220	2,724	2,303	1,926	1,804	1,800	1,786	1,616	1,546
Import	10	20	0	0	0	0	0	0	0	0	0
Beef and Veal						(Thousand Metric Tons)					
Production	1,125	1,116	1,120	1,145	1,183	1,224	1,262	1,293	1,317	1,339	1,354
Imports	230	241	251	241	229	219	215	213	210	204	202
Total Supply	1,379	1,383	1,397	1,412	1,438	1,468	1,503	1,532	1,553	1,570	1,582
Consumption	988	990	998	999	1,006	1,020	1,046	1,071	1,086	1,092	1,100
Exports	365	367	373	387	406	423	430	435	441	451	456
Ending Stocks	26	26	26	26	26	26	26	26	26	26	26
Total Use	1,379	1,383	1,397	1,412	1,438	1,468	1,503	1,532	1,553	1,570	1,582
Pork											
Production	1,290	1,252	1,282	1,380	1,416	1,402	1,366	1,363	1,386	1,388	1,379
Imports	60	64	54	36	34	46	51	51	51	59	62
Total Supply	1,370	1,341	1,352	1,431	1,465	1,462	1,431	1,429	1,453	1,462	1,456
Consumption	945	934	924	955	981	1,015	996	994	1,019	1,045	1,046
Exports	400	392	412	462	469	432	421	420	419	402	395
Ending Stocks	25	15	15	15	15	15	15	15	15	15	15
Total Use	1,370	1,341	1,352	1,431	1,465	1,462	1,431	1,429	1,453	1,462	1,456
Broiler											
Production	790	818	853	869	878	878	898	914	919	929	952
Imports	75	76	77	77	78	78	79	79	80	80	80
Total Supply	885	916	937	953	962	963	984	1,000	1,006	1,016	1,039
Consumption	808	854	878	894	904	906	928	945	952	963	986
Exports	55	55	52	53	51	51	49	48	47	47	46
Ending Stocks	22	7	7	7	7	7	7	7	7	7	7
Total Use	885	916	937	953	962	963	984	1,000	1,006	1,016	1,039
Prices						(Canadian Dollars per 100 Kilogram)					
Beef and Veal	324.33	343.13	358.70	370.86	377.42	366.36	356.39	343.12	333.38	337.93	351.78
Pork	122.73	138.51	157.64	146.96	140.76	128.00	150.32	161.72	152.60	145.89	157.58
Poultry	167.26	155.80	157.98	158.43	162.69	167.01	173.16	177.24	179.98	183.13	187.29

China - Mainland Meat and Egg Supply and Utilization

FAPRI Adjusted Data

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	126.8	126.5	128.2	127.9	129.6	129.7	131.6	131.8	134.2	134.7	137.3
Hog Inventories (Beg.)	387.8	402.3	393.4	404.6	419.2	435.1	452.0	468.7	485.1	501.3	517.2
Sheep Inventories (Beg.)	303.9	321.1	328.9	346.4	363.6	378.9	393.3	407.6	421.7	435.5	448.6
Beef						(Thousand Metric Tons)					
Production	2,541	2,614	2,692	2,773	2,872	2,976	3,082	3,201	3,329	3,459	3,604
Imports	7	7	7	7	7	7	7	7	7	7	7
Total Supply	2,548	2,621	2,699	2,780	2,879	2,983	3,089	3,208	3,336	3,466	3,611
Consumption	2,498	2,566	2,634	2,722	2,830	2,944	3,057	3,183	3,316	3,448	3,594
Exports	50	55	64	57	49	39	32	25	20	18	17
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	2,548	2,621	2,699	2,780	2,879	2,983	3,089	3,208	3,336	3,466	3,611
Pork											
Production	25,124	25,731	26,799	28,063	29,481	30,935	32,406	33,854	35,290	36,712	38,145
Imports	5	5	4	5	5	7	7	7	8	10	10
Total Supply	25,129	25,736	26,803	28,067	29,486	30,943	32,413	33,861	35,298	36,721	38,155
Consumption	25,039	25,654	26,706	27,974	29,403	30,876	32,343	33,791	35,236	36,668	38,102
Exports	90	83	97	93	83	67	70	69	61	53	52
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	25,129	25,736	26,803	28,067	29,486	30,943	32,413	33,861	35,298	36,721	38,155
Poultry											
Production	4,231	4,295	4,514	4,822	5,204	5,600	6,014	6,448	6,906	7,374	7,847
Imports	750	779	792	822	860	896	929	966	1,003	1,039	1,071
Total Supply	4,981	5,075	5,306	5,643	6,064	6,497	6,943	7,414	7,909	8,413	8,918
Consumption	4,591	4,708	4,946	5,302	5,744	6,196	6,657	7,143	7,653	8,169	8,685
Exports	390	366	360	342	320	301	287	271	256	243	233
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	4,981	5,075	5,306	5,643	6,064	6,497	6,943	7,414	7,909	8,413	8,918
Broiler Net Trade	-340	-388	-404	-448	-503	-552	-594	-641	-688	-732	-770
Lamb and Mutton											
Production	1,116	1,136	1,197	1,272	1,356	1,442	1,530	1,623	1,719	1,817	1,916
Imports	3	3	3	3	3	3	3	3	3	3	3
Total Supply	1,119	1,139	1,200	1,275	1,359	1,445	1,533	1,626	1,722	1,820	1,919
Consumption	1,111	1,131	1,192	1,267	1,351	1,437	1,525	1,618	1,714	1,812	1,911
Exports	8	8	8	8	8	8	8	8	8	8	8
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	1,119	1,139	1,200	1,275	1,359	1,445	1,533	1,626	1,722	1,820	1,919
Eggs											
Production	11,626	12,055	12,467	13,074	13,755	14,407	15,067	15,731	16,412	17,077	17,721
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	11,626	12,056	12,468	13,075	13,756	14,407	15,067	15,732	16,412	17,077	17,721
Consumption	11,573	12,010	12,421	13,033	13,719	14,374	15,037	15,705	16,388	17,055	17,702
Exports	53	46	47	42	37	33	30	27	24	21	19
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	11,626	12,056	12,468	13,075	13,756	14,407	15,067	15,732	16,412	17,077	17,721

China - Mainland Meat and Egg Supply and Utilization (continued)

FAPRI Adjusted Data

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Producer Prices						(Yuan per Kilogram)					
Beef	13.94	14.98	16.60	18.45	20.66	23.02	25.52	27.91	30.32	32.85	35.27
Pork	7.16	9.35	10.41	11.53	12.92	14.37	15.84	17.39	19.01	20.68	22.48
Poultry	11.34	12.60	14.03	15.64	17.60	19.78	22.06	24.46	26.99	29.65	32.56
Sheep	15.60	17.39	18.57	19.89	21.64	23.56	25.45	27.38	29.33	31.32	33.45
Egg	4.92	5.42	5.96	6.49	7.15	7.89	8.64	9.41	10.22	11.06	11.97
Retail Prices											
Beef	14.93	16.04	17.77	19.75	22.12	24.65	27.33	29.90	32.48	35.19	37.79
Pork	14.33	16.78	17.98	19.23	20.79	22.43	24.08	25.82	27.64	29.51	31.53
Poultry	11.92	13.18	14.61	16.23	18.19	20.38	22.66	25.07	27.61	30.27	33.19
Sheep	16.67	18.73	20.09	21.61	23.62	25.83	28.00	30.22	32.46	34.75	37.20
Eggs	6.47	7.05	7.68	8.29	9.06	9.92	10.79	11.69	12.62	13.59	14.66

China - Mainland Meat and Egg Supply and Utilization

Official Data

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	147.1	146.8	148.7	148.4	150.3	150.4	152.6	152.9	155.7	156.3	159.2
Hog Inventories (Beg.)	475.0	492.8	481.9	495.7	513.5	532.9	553.7	574.2	594.2	614.0	633.5
Sheep Inventories (Beg.)	335.1	354.0	362.6	381.9	400.9	417.8	433.6	449.3	464.9	480.1	494.6
Beef						(Thousand Metric Tons)					
Production	5,800	5,964	6,137	6,327	6,561	6,805	7,053	7,331	7,628	7,928	8,260
Imports	7	7	7	7	7	7	7	7	7	7	7
Total Supply	5,807	5,971	6,144	6,334	6,568	6,812	7,060	7,338	7,636	7,935	8,268
Consumption	5,757	5,917	6,080	6,277	6,519	6,774	7,029	7,313	7,616	7,917	8,250
Exports	50	55	64	57	49	39	32	25	20	18	17
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	5,807	5,971	6,144	6,334	6,568	6,812	7,060	7,338	7,636	7,935	8,268
Pork											
Production	44,000	45,065	46,931	49,147	51,637	54,193	56,769	59,307	61,826	64,322	66,833
Imports	3	5	4	5	5	7	7	7	8	10	10
Total Supply	44,003	45,071	46,935	49,152	51,642	54,200	56,775	59,313	61,834	64,332	66,843
Consumption	43,913	44,988	46,838	49,059	51,559	54,133	56,705	59,244	61,773	64,278	66,791
Exports	90	83	97	93	83	67	70	69	61	53	52
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	44,003	45,071	46,935	49,152	51,642	54,200	56,775	59,313	61,834	64,332	66,843
Poultry											
Production	11,700	11,918	12,522	13,391	14,470	15,585	16,739	17,951	19,227	20,529	21,840
Imports	750	779	792	822	860	896	929	966	1,003	1,039	1,071
Total Supply	12,450	12,697	13,314	14,213	15,330	16,481	17,668	18,917	20,230	21,568	22,911
Consumption	12,060	12,331	12,954	13,871	15,011	16,180	17,381	18,646	19,974	21,324	22,678
Exports	390	366	360	342	320	301	287	271	256	243	233
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	12,450	12,697	13,314	14,213	15,330	16,481	17,668	18,917	20,230	21,568	22,911
Broiler Net Trade	-340	-388	-404	-448	-503	-552	-594	-641	-688	-732	-770
Lamb and Mutton											
Production	2,900	2,952	3,111	3,307	3,526	3,748	3,979	4,219	4,470	4,724	4,983
Imports	3	3	3	3	3	3	3	3	3	3	3
Total Supply	2,903	2,955	3,114	3,310	3,529	3,751	3,982	4,222	4,473	4,727	4,986
Consumption	2,895	2,947	3,106	3,302	3,521	3,743	3,974	4,214	4,465	4,719	4,978
Exports	8	8	8	8	8	8	8	8	8	8	8
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	2,903	2,955	3,114	3,310	3,529	3,751	3,982	4,222	4,473	4,727	4,986
Eggs											
Production	19,818	20,553	21,256	22,293	23,458	24,570	25,697	26,833	27,995	29,130	30,230
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	19,818	20,554	21,256	22,294	23,458	24,570	25,697	26,833	27,995	29,130	30,230
Consumption	19,766	20,508	21,209	22,252	23,421	24,538	25,667	26,806	27,971	29,108	30,211
Exports	52	46	47	42	37	33	30	27	24	21	19
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	19,818	20,554	21,256	22,294	23,458	24,570	25,697	26,833	27,995	29,130	30,230

China - Hong Kong Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Cattle Inventories (Beg.)	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Hog Inventories (Beg.)	13.2	13.2	13.5	14.7	15.5	16.3	16.9	16.9	17.2	17.6	17.8
Live Animal Trade											
Cattle Import	68.5	67.1	67.9	69.1	70.3	72.2	74.9	77.8	79.9	80.9	82.1
Swine Import	2,004	1,912	2,299	2,218	2,001	1,600	1,701	1,690	1,500	1,306	1,295
Beef and Veal					(Thousand Metric Tons)						
Production	14	14	14	14	15	15	15	16	16	17	17
Imports	56	55	56	57	58	59	61	64	65	66	67
Total Supply	70	69	70	71	72	74	77	80	82	83	84
Consumption	66	65	65	67	68	70	73	76	78	79	80
Exports	4	4	4	4	4	4	4	4	4	4	4
Total Use	70	69	70	71	72	74	77	80	82	83	84
Pork											
Production	166	165	193	188	172	140	149	149	134	119	119
Imports	244	241	218	228	249	291	284	287	309	333	337
Total Supply	410	406	411	415	421	431	433	436	443	452	455
Consumption	379	375	377	383	390	404	405	408	417	427	430
Exports	31	31	33	32	31	28	28	28	26	25	25
Total Use	410	406	411	415	421	431	433	436	443	452	455
Broiler											
Production	33	29	22	19	17	16	15	14	14	13	13
Imports	799	817	827	833	840	845	851	857	862	866	871
Total Supply	864	846	849	853	857	861	866	871	875	879	883
Consumption	284	286	297	305	313	321	329	338	345	352	359
Exports	580	559	552	548	544	540	537	533	530	527	524
Total Use	864	846	849	853	857	861	866	871	875	879	883
Retail Price					(Hong Kong Dollars per Kilogram)						
Beef	57.57	72.37	76.91	81.75	85.87	86.22	86.79	86.23	85.95	88.85	94.01
Pork	44.78	59.10	66.25	71.42	74.12	69.09	77.90	84.56	83.74	81.04	86.95
Broiler	38.06	43.68	41.94	42.80	42.92	43.33	43.52	43.63	43.60	43.81	44.58

Czech Republic Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.8
Hog Inventories (Beg.)	4.0	3.9	3.9	4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.0
Beef and Veal					(Thousand Metric Tons)						
Production	278	281	284	287	287	286	284	282	279	277	276
Imports	5	4	4	4	4	4	5	5	6	6	6
Total Supply	290	291	294	296	297	296	295	293	291	290	288
Consumption	264	262	263	264	265	266	267	268	268	267	266
Exports	20	23	25	27	26	24	22	19	17	16	16
Ending Stocks	6	6	6	6	6	6	6	6	6	6	6
Total Use	290	291	294	296	297	296	295	293	291	290	288
Pork											
Production	660	664	668	668	665	658	660	659	657	655	657
Imports	10	8	6	6	6	9	8	8	9	10	9
Total Supply	680	682	684	684	681	677	677	677	676	675	676
Consumption	650	647	642	641	641	643	642	641	642	644	644
Exports	20	25	32	33	30	23	25	26	23	21	22
Ending Stocks	10	10	10	10	10	10	10	10	10	10	10
Total Use	680	682	684	684	681	677	677	677	676	675	676
Broiler											
Production	173	179	180	182	184	189	194	200	205	210	215
Imports	5	5	5	6	7	7	8	8	9	9	10
Total Supply	178	183	185	187	191	196	202	208	213	219	225
Consumption	173	179	181	184	188	193	199	205	211	216	222
Exports	5	5	4	4	3	3	3	3	3	3	2
Total Use	178	183	185	187	191	196	202	208	213	219	225
Producer Prices					(Koruny per 100 Kilogram)						
Beef	7,619	7,677	7,728	7,774	7,692	7,622	7,679	7,813	8,022	8,359	8,817
Pork	5,499	5,364	5,602	5,665	5,519	5,282	5,466	5,615	5,552	5,425	5,495
Poultry	2,925	2,770	2,912	3,076	3,114	3,094	3,096	3,109	3,125	3,148	3,199

European Union Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	83.1	81.4	80.1	79.4	78.7	78.0	77.3	76.6	75.9	75.2	74.5
Hog Inventories (Beg.)	118.6	120.0	118.1	116.3	115.7	116.0	116.6	116.8	116.9	117.2	117.5
Sheep Inventories (Beg.)	97.2	96.8	96.5	96.0	95.5	95.0	94.7	94.3	94.0	93.6	93.1
Beef and Veal						(Thousand Metric Tons)					
Production	7,603	7,470	7,528	7,514	7,777	7,754	7,730	7,701	7,674	7,646	7,619
Imports	400	397	396	394	393	394	395	396	397	395	394
Total Supply	8,632	8,377	8,246	8,151	8,348	8,556	8,778	8,999	9,212	9,417	9,610
Consumption	7,292	7,273	7,244	7,215	7,181	7,146	7,118	7,100	7,080	7,062	7,046
Exports (Meat)	830	782	760	759	758	757	757	757	757	757	756
Exports (Meat Equivalent)	891	843	822	822	822	822	822	822	822	822	822
Ending Stocks	510	323	243	177	409	653	903	1,142	1,375	1,597	1,809
Total Use	8,632	8,377	8,246	8,151	8,348	8,556	8,778	8,999	9,212	9,417	9,610
Pork											
Production	17,060	17,138	17,185	17,246	17,330	17,410	17,531	17,632	17,710	17,786	17,881
Imports	60	63	76	76	76	76	76	76	76	76	76
Total Supply	17,289	17,470	17,530	17,590	17,673	17,752	17,873	17,973	18,051	18,126	18,221
Consumption	15,920	16,058	16,105	16,165	16,262	16,394	16,485	16,571	16,671	16,774	16,859
Exports	1,100	1,123	1,157	1,157	1,144	1,092	1,122	1,137	1,115	1,087	1,098
Ending Stocks	269	269	268	267	267	267	266	265	265	264	264
Total Use	17,289	17,450	17,530	17,590	17,673	17,752	17,873	17,973	18,051	18,126	18,221
Broiler											
Production	6,350	6,458	6,556	6,636	6,700	6,763	6,834	6,902	6,966	7,034	7,109
Imports	158	159	160	160	161	161	161	162	162	163	163
Total Supply	6,651	6,846	6,948	7,029	7,092	7,156	7,227	7,296	7,361	7,428	7,505
Consumption	5,721	5,927	6,056	6,145	6,220	6,292	6,373	6,452	6,527	6,603	6,683
Exports	700	687	659	652	640	632	622	612	602	593	589
Ending Stocks	230	232	232	232	232	232	232	232	232	232	232
Total Use	6,651	6,846	6,948	7,029	7,092	7,156	7,227	7,296	7,361	7,428	7,505
Lamb and Mutton											
Production	1,114	1,104	1,091	1,083	1,075	1,065	1,054	1,040	1,026	1,010	994
Imports	205	211	220	228	242	259	277	299	322	345	372
Total Supply	1,347	1,348	1,344	1,345	1,350	1,357	1,364	1,373	1,381	1,388	1,399
Consumption	1,310	1,311	1,307	1,308	1,313	1,320	1,327	1,336	1,344	1,351	1,362
Exports	4	4	4	4	4	4	4	4	4	4	4
Ending Stocks	33	33	33	33	33	33	33	33	33	33	33
Total Use	1,347	1,348	1,344	1,345	1,350	1,357	1,364	1,373	1,381	1,388	1,399
Producer Prices †						(ECUs per 100 Kilograms)					
Beef	245	236	235	236	235	235	235	234	233	233	232
Pork	119	118	123	127	130	131	134	137	139	141	145
Poultry	124	115	115	118	121	124	126	129	132	135	138
Sheep	326	320	328	335	336	337	339	338	338	339	338

* Meat equivalent is the carcass weight equivalent of live cattle trade.
† Producer prices are projections of the MLC reference price.

Hungarian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
Hog Inventories (Beg.)	5.1	5.5	5.8	6.2	6.4	6.6	6.6	6.5	6.4	6.4	6.4
Beef and Veal					(Thousand Metric Tons)						
Production	64	64	65	67	68	68	69	70	70	71	72
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	65	65	66	68	69	69	70	71	71	72	73
Consumption	57	57	58	59	60	61	63	64	65	65	66
Exports	8	8	8	8	8	8	8	7	7	7	7
Total Use	65	65	66	68	69	69	70	71	71	72	73
Pork											
Production	408	434	447	452	452	444	447	447	444	442	443
Imports	22	13	10	10	10	13	12	12	13	14	14
Total Supply	459	473	484	489	489	484	486	486	484	483	484
Consumption	392	399	403	406	408	410	410	410	412	414	415
Exports	40	47	55	56	54	47	49	49	45	42	43
Ending Stocks	27	27	27	27	27	27	27	27	27	27	27
Total Use	459	473	484	489	489	484	486	486	484	483	484
Broiler											
Production	238	249	250	249	248	246	246	245	245	245	247
Total Supply	251	258	255	254	253	251	251	250	250	250	252
Consumption	174	181	184	186	188	190	192	195	198	200	203
Exports	68	72	66	64	60	57	53	50	47	45	44
Ending Stocks	9	5	5	5	5	5	5	5	5	5	5
Total Use	251	258	255	254	253	251	251	250	250	250	252
Farm Price					(Forint per 100 Kilogram)						
Beef	45,107	48,601	52,861	57,550	62,516	67,372	72,964	78,945	85,282	92,589	100,907
Pork	39,063	37,283	38,975	41,212	43,963	46,426	51,709	56,953	60,658	63,759	68,538
Broiler	26,170	24,785	26,384	28,907	31,515	34,287	37,031	39,832	42,700	45,674	48,893

Indonesian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	12.0	11.9	12.0	12.1	12.1	12.2	12.3	12.4	12.5	12.6	12.6
Hog Inventories (Beg.)	7.9	8.2	8.5	8.3	8.1	8.1	8.4	8.8	9.0	9.1	9.2
Sheep Inventories (Beg.)	8	9	8	8	8	9	8	9	9	9	9
					(Thousand Head)						
Live Cattle Import	255	251	292	323	346	386	424	464	497	521	532
Beef and Veal					(Thousand Metric Tons)						
Production	324	325	334	344	353	366	375	386	395	405	412
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	325	326	335	345	354	366	376	387	397	406	413
Consumption	325	326	335	345	354	366	376	387	397	406	413
Total Use	325	326	335	345	354	366	376	387	397	406	413
Pork											
Production	593	576	590	600	608	626	650	677	695	714	729
Total Supply	593	576	590	600	608	626	650	677	695	714	729
Consumption	593	576	590	600	608	626	650	677	695	714	729
Total Use	593	576	590	600	608	626	650	677	695	714	729
Broiler											
Production	807	753	755	779	809	838	862	889	912	938	961
Imports	0	1	2	2	2	3	3	3	3	4	4
Total Supply	807	754	756	782	812	841	866	892	915	942	965
Consumption	807	754	756	782	812	841	866	892	915	942	965
Total Use	807	754	756	782	812	841	866	892	915	942	965
Lamb and Mutton											
Production	49	51	52	52	54	54	56	56	58	58	61
Imports	0	0	1	1	1	1	1	1	1	1	1
Total Supply	50	51	53	53	55	55	57	57	59	59	62
Consumption	50	51	53	53	55	55	57	57	59	59	62
Total Use	50	51	53	53	55	55	57	57	59	59	62
Retail Price					(Rupiah per Kilogram)						
Beef	18,616	29,464	39,035	45,181	50,524	55,359	59,167	63,367	68,001	74,507	81,174
Pork	12,105	21,278	28,209	33,359	37,882	41,164	42,093	43,096	45,201	48,535	51,725
Broiler	7,269	15,309	21,627	24,128	25,266	26,527	27,378	28,331	29,608	31,186	32,641
Lamb and Mutton	13,986	21,271	28,060	33,874	37,217	42,230	44,329	49,425	51,143	57,736	59,443

Japanese Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	4.71	4.68	4.66	4.63	4.61	4.59	4.57	4.56	4.55	4.54	4.53
Wagyu Cows (Beg.)	1.10	1.10	1.10	1.10	1.09	1.09	1.08	1.07	1.07	1.06	1.05
Dairy Cows (Beg.)	1.19	1.18	1.17	1.16	1.16	1.15	1.15	1.14	1.14	1.14	1.14
Hog Inventories (Beg.)	9.90	9.85	9.56	9.39	9.32	9.20	9.15	8.81	8.62	8.50	8.36
Beef and Veal					(Thousand Metric Tons)						
Production	520	517	516	515	514	512	512	511	509	510	510
Wagyu	233	225	224	224	224	224	224	224	224	223	223
Dairy	287	292	292	291	290	288	288	287	286	286	287
Imports	964	928	904	901	907	954	1,019	1,088	1,149	1,172	1,188
Total Supply	1,615	1,575	1,543	1,538	1,543	1,587	1,653	1,722	1,783	1,808	1,824
Consumption	1,485	1,445	1,421	1,416	1,421	1,465	1,530	1,597	1,657	1,682	1,699
Wagyu	235	225	224	224	224	224	224	224	224	223	223
Dairy	285	292	292	291	290	288	288	287	286	286	287
Imported Beef	971	928	905	901	907	953	1,018	1,086	1,148	1,172	1,189
Ending Stocks	130	123	122	121	121	122	123	125	126	126	126
Wagyu	5	5	5	5	5	5	5	5	5	5	5
Dairy	10	11	11	11	11	11	11	11	11	11	11
Imported Beef	108	107	107	106	106	107	108	109	111	111	111
Total Use	1,615	1,568	1,543	1,538	1,543	1,587	1,653	1,722	1,783	1,808	1,824
Pork											
Production	1,290	1,320	1,332	1,325	1,308	1,268	1,257	1,236	1,213	1,187	1,175
Imports	735	719	686	705	748	841	846	843	910	989	1,020
Total Supply	2,215	2,174	2,153	2,164	2,189	2,242	2,239	2,214	2,227	2,270	2,290
Consumption	2,080	2,039	2,019	2,031	2,056	2,108	2,105	2,110	2,133	2,175	2,196
Ending Stocks	135	135	134	134	134	135	134	104	94	95	94
Total Use	2,215	2,174	2,153	2,164	2,189	2,242	2,239	2,214	2,227	2,270	2,290
Broiler											
Production	1,100	1,101	1,085	1,070	1,052	1,033	1,017	999	982	972	966
Imports	495	522	563	588	622	654	693	726	761	797	832
Total Supply	1,688	1,714	1,739	1,749	1,766	1,777	1,801	1,816	1,834	1,860	1,890
Consumption	1,595	1,620	1,645	1,655	1,672	1,684	1,707	1,722	1,740	1,765	1,795
Exports	3	3	3	3	3	3	3	3	3	3	3
Ending Stocks	90	91	91	91	91	91	91	91	91	91	91
Total Use	1,688	1,714	1,739	1,749	1,766	1,777	1,801	1,816	1,834	1,860	1,890
Producer Prices					(Yen per Kilogram)						
Wagyu Beef - Farm	1,941	1,891	1,853	1,847	1,839	1,823	1,849	1,834	1,835	1,861	1,905
Dairy Beef - Farm	870	801	827	844	861	865	886	890	896	916	946
Pork - Wholesale	462	465	489	495	497	475	510	518	515	510	530
Broiler - Wholesale	268	248	247	253	257	260	264	265	267	271	276
Retail Prices					(Yen per 100 gram)						
Wagyu Beef	571	560	547	542	538	533	538	536	534	538	549
Dairy Beef	374	349	351	358	366	369	377	381	383	390	402
Imported Beef	213	218	228	236	241	230	218	204	193	194	199
Pork	166	167	174	177	178	172	182	186	185	184	190
Broiler	115	107	106	107	109	111	113	113	114	116	118

Mexican Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	25.6	24.6	24.5	24.8	25.2	25.7	26.3	26.9	27.2	27.4	27.4
Hog Inventories (Beg.)	10.5	10.7	10.6	10.8	11.1	11.4	11.7	11.7	11.7	11.9	12.1
Live Cattle Trade					(Thousand Head)						
Export	674	563	528	513	501	490	482	477	472	473	468
Import	174	178	179	180	180	181	181	181	181	181	181
Live Hog Import	70	65	61	60	63	73	70	69	74	80	81
Beef and Veal					(Thousand Metric Tons)						
Production	1,810	1,661	1,649	1,658	1,681	1,718	1,778	1,845	1,908	1,964	2,002
Imports	174	237	265	278	289	302	310	316	322	321	327
Total Supply	1,984	1,897	1,914	1,937	1,970	2,020	2,088	2,161	2,230	2,285	2,329
Consumption	1,981	1,895	1,912	1,935	1,968	2,018	2,086	2,159	2,228	2,283	2,327
Exports	3	2	2	2	2	2	2	2	2	2	2
Total Use	1,984	1,897	1,914	1,937	1,970	2,020	2,088	2,161	2,230	2,285	2,329
Pork											
Production	950	1,001	1,044	1,086	1,123	1,147	1,179	1,211	1,241	1,272	1,310
Imports	75	71	67	67	71	83	80	79	84	92	92
Total Supply	1,025	1,071	1,111	1,154	1,195	1,230	1,259	1,290	1,326	1,364	1,402
Consumption	990	1,032	1,068	1,111	1,154	1,197	1,224	1,254	1,293	1,336	1,373
Exports	35	39	43	43	41	33	35	36	33	29	29
Total Use	1,025	1,071	1,111	1,154	1,195	1,230	1,259	1,290	1,326	1,364	1,402
Broiler											
Production	1,568	1,664	1,708	1,756	1,802	1,729	1,750	1,785	1,820	1,862	1,915
Imports	128	124	137	140	146	290	315	332	349	364	375
Total Supply	1,696	1,787	1,846	1,896	1,949	2,019	2,065	2,117	2,169	2,226	2,289
Consumption	1,696	1,787	1,846	1,896	1,949	2,019	2,065	2,117	2,169	2,226	2,289
Exports	0	0	0	0	0	0	0	0	0	0	0
Total Use	1,696	1,787	1,846	1,896	1,949	2,019	2,065	2,117	2,169	2,226	2,289
Producer Prices					(New Peso per 100 Kilograms)						
Beef and Veal	2,066	3,200	3,880	4,478	4,991	5,217	5,351	5,379	5,455	5,713	6,204
Pork	1,170	1,387	1,616	1,781	1,936	2,042	2,265	2,464	2,621	2,792	3,052
Poultry	1,082	1,152	1,284	1,402	1,510	1,532	1,649	1,738	1,825	1,916	2,022

New Zealand Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	9.1	8.9	8.8	8.8	8.9	9.0	9.1	9.3	9.4	9.5	9.7
Sheep Inventories (Beg.)	47.0	46.2	44.8	43.5	42.3	41.2	40.3	39.4	38.6	37.9	37.3
Beef and Veal						(Thousand Metric Tons)					
Production	652	645	644	644	649	658	668	679	690	700	709
Imports	2	2	2	2	2	2	2	2	2	2	2
Total Supply	725	722	720	720	725	733	744	755	767	778	787
Consumption	140	138	138	137	136	137	138	140	141	141	140
Exports	510	510	509	510	516	523	532	541	550	561	571
Ending Stocks	75	74	74	74	73	74	74	75	76	76	75
Total Use	725	722	720	720	725	733	744	755	767	778	787
Pork											
Production	55	57	60	62	64	65	67	68	69	71	72
Total Supply	55	57	60	62	64	65	67	68	69	71	72
Consumption	63	64	66	68	70	72	72	74	75	77	78
Net Exports	-8	-7	-6	-5	-6	-7	-6	-5	-6	-6	-6
Total Use	55	57	60	62	64	65	67	68	69	71	72
Poultry											
Production	94	96	98	100	101	102	103	104	105	107	108
Consumption	94	96	98	100	101	102	103	104	105	107	108
Lamb and Mutton											
Production	567	542	537	540	543	544	544	544	543	542	542
Imports	2	2	2	2	2	2	2	2	2	2	2
Total Supply	609	584	580	582	585	586	586	586	585	585	585
Consumption	107	107	108	110	112	113	115	116	118	120	122
Exports	462	437	431	432	433	432	431	429	427	425	422
Ending Stocks	40	41	40	40	40	40	40	40	40	40	40
Total Use	609	584	580	582	585	586	586	586	585	585	585
Producer Prices						(New Zealand Dollars per 100 Kilogram)					
Beef and Veal	157.73	165.30	172.75	180.23	185.99	182.37	177.36	170.29	165.08	167.38	173.66
Pork	256.01	258.58	261.37	259.00	256.83	253.10	258.75	259.77	258.35	258.26	261.78
Poultry	195.22	195.01	196.97	200.40	204.48	209.35	214.88	219.11	223.28	227.80	232.66
Sheep	104.17	109.61	114.66	117.23	118.46	119.22	120.89	121.46	122.53	123.85	124.56

Other Eastern European Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Beef and Veal					(Thousand Metric Tons)						
Production	658	656	653	651	649	649	651	655	659	667	673
Total Supply	658	656	653	651	649	649	651	655	659	667	673
Consumption	703	701	700	699	698	700	702	705	706	706	705
Net Trade	-44	-45	-47	-48	-50	-51	-51	-50	-47	-39	-32
Total Use	659	656	653	651	649	649	651	655	659	667	673
Pork											
Production	1,798	1,801	1,801	1,806	1,812	1,816	1,824	1,833	1,841	1,847	1,852
Total Supply	1,798	1,801	1,801	1,806	1,812	1,816	1,824	1,833	1,841	1,847	1,852
Consumption	1,914	1,914	1,913	1,915	1,918	1,925	1,926	1,927	1,931	1,934	1,935
Net Trade	-116	-113	-111	-108	-106	-109	-102	-94	-90	-87	-83
Total Use	1,798	1,801	1,801	1,806	1,812	1,816	1,824	1,833	1,841	1,847	1,852
Poultry											
Production	650	659	661	664	665	667	669	671	672	674	674
Total Supply	650	659	661	664	665	667	669	671	672	674	674
Consumption	695	700	705	705	706	707	709	710	712	712	712
Net Trade	-45	-41	-44	-41	-41	-40	-40	-40	-40	-38	-38
Total Use	650	659	661	664	665	667	669	671	672	674	674
Broiler Net Trade	-24	-22	-23	-22	-22	-21	-21	-21	-21	-20	-20

Other Former Soviet Union Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	18.0	17.2	16.9	16.8	16.9	17.0	17.1	17.2	17.3	17.5	17.6
Hog Inventories (Beg.)	11.2	10.6	10.4	10.5	10.5	10.6	10.6	10.7	10.8	10.8	10.9
Beef and Veal					(Thousand Metric Tons)						
Production	1,542	1,474	1,417	1,389	1,382	1,387	1,396	1,395	1,401	1,411	1,425
Total Supply	1,577	1,509	1,452	1,424	1,417	1,422	1,431	1,430	1,436	1,446	1,460
Consumption	1,486	1,447	1,449	1,453	1,458	1,468	1,479	1,491	1,504	1,513	1,509
Net Trade	57	27	-33	-63	-76	-80	-83	-96	-103	-102	-84
Ending Stocks	35	35	35	35	35	35	35	35	35	35	35
Total Use	1,577	1,509	1,452	1,424	1,417	1,422	1,431	1,430	1,436	1,446	1,460
Pork											
Production	703	669	639	641	646	652	651	657	665	670	671
Total Supply	768	734	704	706	711	717	716	722	730	735	736
Consumption	678	651	647	649	655	667	665	667	675	684	681
Net Trade	26	18	-9	-8	-8	-15	-14	-10	-10	-14	-10
Ending Stocks	65	65	65	65	65	65	65	65	65	65	65
Total Use	768	734	704	706	711	717	716	722	730	735	736
Poultry											
Production	436	445	439	438	436	435	445	447	447	449	447
Total Supply	450	459	453	452	450	449	459	461	461	463	461
Consumption	413	417	422	423	426	428	431	434	437	440	440
Net Trade	23	28	17	15	10	7	14	13	10	8	7
Ending Stocks	14	14	14	14	14	14	14	14	14	14	14
Total Use	450	459	453	452	450	449	459	461	461	463	461
Broiler Net Trade	19	23	14	12	8	6	12	11	9	7	6

Philippine Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	5.4	5.8	6.1	6.5	6.8	7.0	7.2	7.3	7.4	7.5	7.5
Hog Inventories (Beg.)	10.2	10.9	11.7	11.2	10.9	11.1	11.6	12.0	12.3	12.4	12.6
Live Cattle Trade					(Thousand Head)						
Import	150	191	218	239	237	243	249	259	269	275	279
Beef and Veal					(Thousand Metric Tons)						
Production	176	189	199	209	219	225	230	235	238	241	245
Imports	65	61	64	62	63	67	72	78	84	87	90
Total Supply	281	274	285	295	305	315	326	336	345	352	358
Consumption	258	251	262	272	281	292	303	313	322	329	334
Ending Stocks	23	23	23	23	23	23	23	23	23	23	23
Total Use	281	274	285	295	305	315	326	336	345	352	358
Pork											
Production	952	955	986	1,006	1,036	1,071	1,107	1,140	1,171	1,205	1,241
Imports	7	4	4	4	5	7	5	5	6	8	7
Total Supply	968	977	990	1,010	1,040	1,077	1,112	1,145	1,177	1,212	1,248
Consumption	950	977	990	1,010	1,040	1,077	1,112	1,145	1,177	1,212	1,248
Ending Stocks	18	0	0	0	0	0	0	0	0	0	0
Total Use	968	977	990	1,010	1,040	1,077	1,112	1,145	1,177	1,212	1,248
Broiler											
Production	509	518	536	554	572	590	608	627	648	670	694
Consumption	509	518	536	554	572	590	608	627	648	670	694
Farm Prices					(Peso per Kilogram)						
Beef and Veal	42	45	47	50	53	56	59	63	67	73	80
Pork	49	46	52	57	60	63	67	71	76	80	85
Poultry	54	53	57	60	64	68	73	77	81	86	91

Polish Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	7.0	6.9	6.7	6.6	6.5	6.4	6.4	6.5	6.5	6.6	6.6
Hog Inventories (Beg.)	18.5	18.5	19.5	21.8	23.7	24.5	24.6	24.5	24.2	24.0	24.1
Beef and Veal					(Thousand Metric Tons)						
Production	408	407	402	395	392	388	392	397	404	412	421
Imports	10	19	29	39	39	50	51	51	52	52	51
Total Supply	423	431	436	439	437	443	448	454	461	469	477
Consumption	373	376	379	383	385	393	402	411	420	427	434
Exports	45	50	52	51	47	45	41	38	36	37	38
Ending Stocks	5	5	5	5	5	5	5	5	5	5	5
Total Use	423	431	436	439	437	443	448	454	461	469	477
Pork											
Production	1,670	1,703	1,781	1,814	1,819	1,802	1,806	1,811	1,812	1,814	1,824
Imports	20	18	16	15	15	17	16	16	16	17	17
Total Supply	1,710	1,761	1,837	1,869	1,874	1,858	1,862	1,867	1,869	1,871	1,881
Consumption	1,430	1,454	1,488	1,508	1,520	1,531	1,526	1,527	1,538	1,550	1,555
Exports	240	266	308	321	314	287	296	300	291	281	286
Ending Stocks	40	40	40	40	40	40	40	40	40	40	40
Total Use	1,710	1,761	1,837	1,869	1,874	1,858	1,862	1,867	1,869	1,871	1,881
Broiler											
Production	290	307	311	314	319	323	329	335	340	346	355
Imports	52	45	51	52	55	56	59	61	62	63	63
Total Supply	352	364	367	371	379	384	393	401	408	414	422
Consumption	332	350	353	358	366	372	381	389	396	402	410
Exports	8	9	8	8	8	8	7	7	7	7	7
Ending Stocks	12	5	5	5	5	5	5	5	5	5	5
Total Use	352	364	367	371	379	384	393	401	408	414	422
Producer Prices					(Zloty per Ton)						
Beef and Veal	5,439	5,968	6,704	7,610	8,851	9,566	10,449	11,225	11,951	12,852	14,008
Pork	4,669	4,595	4,456	4,631	5,037	5,412	6,228	6,948	7,377	7,745	8,412
Poultry	4,567	4,342	4,727	5,207	5,698	6,195	6,723	7,237	7,735	8,245	8,814

Russian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	31.7	28.4	25.3	22.6	20.6	19.1	18.1	17.4	16.8	16.5	16.4
Hog Inventories (Beg.)	16.6	16.5	17.6	18.7	18.1	17.4	17.4	17.9	18.5	19.0	19.4
Beef and Veal					(Thousand Metric Tons)						
Production	2,036	1,984	1,847	1,708	1,598	1,495	1,424	1,376	1,325	1,290	1,274
Imports	496	423	421	475	527	585	632	673	715	745	763
Total Supply	2,532	2,407	2,268	2,183	2,125	2,079	2,056	2,049	2,040	2,035	2,037
Consumption	2,527	2,402	2,263	2,178	2,120	2,074	2,051	2,044	2,035	2,030	2,032
Exports	5	5	5	5	5	5	5	5	5	5	5
Total Use	2,532	2,407	2,268	2,183	2,125	2,079	2,056	2,049	2,040	2,035	2,037
Pork											
Production	1,400	1,463	1,484	1,464	1,447	1,463	1,507	1,556	1,599	1,634	1,670
Imports	344	308	299	310	325	344	338	333	339	349	348
Total Supply	1,744	1,771	1,783	1,773	1,772	1,807	1,844	1,889	1,938	1,983	2,018
Consumption	1,743	1,770	1,782	1,772	1,771	1,806	1,843	1,888	1,937	1,982	2,017
Exports	1	1	1	1	1	1	1	1	1	1	1
Total Use	1,744	1,771	1,783	1,773	1,772	1,807	1,844	1,889	1,938	1,983	2,018
Broiler											
Production	205	223	195	185	188	194	201	206	213	221	232
Imports	762	695	725	751	776	793	808	821	835	849	861
Total Supply	967	919	920	937	964	987	1,008	1,027	1,048	1,070	1,092
Consumption	956	908	909	926	953	976	997	1,016	1,037	1,059	1,081
Exports	11	11	11	11	11	11	11	11	11	11	11
Total Use	967	919	920	937	964	987	1,008	1,027	1,048	1,070	1,092
Producer Prices					(Ruble per Kilogram)						
Beef and Veal	5,024	8,767	13,679	19,762	27,568	36,545	45,784	54,787	66,221	80,074	95,491
Pork	9,207	12,861	15,654	19,718	24,629	28,154	31,639	34,679	38,040	42,281	47,756
Poultry	10,053	16,515	20,488	24,510	28,660	32,803	37,099	41,597	46,708	52,605	59,437

South Korean Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Million Head)						
Cattle Inventories (Beg.)	3.28	3.04	2.87	2.70	2.54	2.39	2.25	2.11	2.01	1.98	2.01
Hog Inventories (Beg.)	7.10	6.70	7.07	6.61	6.58	6.86	7.22	7.14	7.15	7.33	7.47
Beef					(Thousand Metric Tons)						
Production	318	291	276	259	242	228	218	207	200	197	201
Imports	125	168	184	200	263	296	308	320	324	328	329
Total Supply	476	514	534	534	559	579	580	581	577	578	582
Consumption	422	439	459	479	504	524	526	527	524	525	530
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	54	74	74	55	55	55	54	54	53	53	53
Total Use	476	514	534	534	559	579	580	581	577	578	582
Pork											
Production	975	947	980	1,010	1,049	1,071	1,101	1,128	1,153	1,176	1,204
Imports	50	46	51	51	51	60	57	56	60	66	66
Total Supply	1,045	1,033	1,031	1,062	1,100	1,132	1,158	1,185	1,214	1,242	1,270
Consumption	915	936	943	974	1,012	1,054	1,078	1,102	1,136	1,170	1,198
Exports	90	97	89	88	88	77	81	82	77	72	72
Ending Stocks	40	0	0	0	0	0	0	0	0	0	0
Total Use	1,045	1,033	1,031	1,062	1,100	1,132	1,158	1,185	1,214	1,242	1,270
Poultry											
Production	405	382	378	396	415	427	436	445	454	463	475
Imports	29	44	66	71	73	79	85	91	98	104	108
Total Supply	439	431	449	473	493	511	526	541	556	572	588
Consumption	434	426	444	468	488	506	521	536	551	567	583
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	5	5	5	5	5	5	5	5	5	5	5
Total Use	439	431	449	473	493	511	526	541	556	572	588
Broiler Net Trade	-12	-21	-34	-40	-44	-50	-57	-65	-74	-83	-91
Farm Prices					(1000 Won per 500 Kilogram, Liveweight)						
Beef	2,449	2,502	2,674	2,708	2,690	2,823	3,184	3,505	3,897	4,186	4,482
					(Won per Kilogram, Liveweight)						
Pork	1,524	1,607	1,933	1,944	1,946	1,965	2,173	2,339	2,408	2,476	2,647
Poultry	1,127	1,351	1,408	1,415	1,463	1,554	1,640	1,727	1,807	1,884	1,971
Retail Prices					(Won per Kilogram)						
Beef	15,400	15,536	16,302	16,632	16,571	17,125	19,027	21,187	23,797	26,074	28,290
Pork	4,416	4,466	5,240	5,411	5,430	5,457	5,975	6,496	6,776	7,005	7,485
Poultry	2,504	2,882	3,046	3,069	3,149	3,329	3,548	3,777	3,997	4,210	4,441

Taiwanese Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Hog Inventories (Beg.)	8.0	7.0	7.0	7.3	7.6	7.7	7.7	7.8	8.0	8.1	8.1
Beef and Veal						(Thousand Metric Tons)					
Production	6	6	7	7	7	7	7	6	6	6	6
Imports	76	74	75	78	81	85	90	95	100	104	107
Total Supply	82	80	82	85	88	92	97	102	107	110	114
Consumption	82	80	82	85	88	92	97	102	107	110	114
Total Use	82	80	82	85	88	92	97	102	107	110	114
Pork											
Production	890	868	906	939	966	991	1,013	1,030	1,044	1,061	1,079
Imports	15	15	15	15	15	15	15	15	15	15	15
Total Supply	1,005	953	966	994	1,021	1,046	1,068	1,085	1,099	1,116	1,134
Consumption	931	903	916	924	941	951	963	980	994	1,011	1,029
Exports	4	5	10	30	40	55	65	65	65	65	65
Ending Stocks	70	45	40	40	40	40	40	40	40	40	40
Total Use	1,005	953	966	994	1,021	1,046	1,068	1,085	1,099	1,116	1,134
Broiler											
Production	544	557	565	574	591	609	626	642	659	679	700
Consumption	544	557	565	574	591	609	626	642	659	679	700
Retail Prices						(New Taiwan Dollars per Kilogram)					
Beef and Veal	269.00	314.52	348.88	356.64	356.51	351.54	346.26	337.47	332.31	340.42	355.48
Pork	155.40	192.61	206.58	214.28	213.31	216.83	219.80	217.76	219.00	222.97	227.81
Poultry	120.80	123.72	136.86	144.71	144.14	143.23	144.77	146.01	147.61	149.05	150.69

Thai Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Beef and Veal					(Thousand Metric Tons)						
Production	234	231	234	239	246	253	261	268	274	281	288
Total Supply	234	231	234	239	246	253	261	268	274	281	288
Consumption	234	231	234	239	246	253	261	268	274	281	288
Total Use	234	231	234	239	246	253	261	268	274	281	288
Pork											
Production	304	305	312	321	331	340	348	357	366	375	385
Total Supply	304	305	312	321	331	340	348	357	366	375	385
Consumption	304	305	312	321	331	340	348	357	366	375	385
Total Use	304	305	312	321	331	340	348	357	366	375	385
Broiler											
Production	910	881	900	918	936	952	967	983	999	1,016	1,035
Total Supply	943	929	935	953	971	987	1,002	1,018	1,034	1,051	1,070
Consumption	655	664	683	704	726	745	764	783	803	823	844
Exports	240	231	217	214	210	206	203	199	196	193	192
Ending Stocks	48	35	35	35	35	35	35	35	35	35	35
Total Use	943	929	935	953	971	987	1,002	1,018	1,034	1,051	1,070
Wholesale Prices					(Baht per Kilogram)						
Beef and Veal	67.12	74.37	80.38	84.06	87.67	91.07	94.69	98.45	102.46	106.57	111.09
Pork	50.06	53.54	56.42	58.15	60.33	62.91	65.64	68.35	71.10	73.65	76.28
Poultry	35.38	36.51	37.66	38.24	39.31	40.93	42.59	44.15	45.70	47.09	48.54

Ukrainian Meat Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Million Head)					
Cattle Inventories (Beg.)	13.50	12.10	11.40	10.96	10.67	10.60	10.61	10.59	10.60	10.61	10.62
Hog Inventories (Beg.)	10.00	9.90	9.90	9.63	9.17	9.11	9.27	9.33	9.32	9.35	9.39
Beef and Veal						(Thousand Metric Tons)					
Production	940	859	829	816	800	796	804	806	807	812	818
Imports	32	37	42	46	47	48	51	54	56	56	56
Total Supply	1,067	1,018	971	941	914	891	882	881	884	889	895
Consumption	865	848	831	818	812	811	810	813	818	823	828
Exports	80	70	61	56	55	54	50	47	46	46	46
Ending Stocks	122	101	79	67	47	27	21	21	21	20	20
Total Use	1,067	1,018	971	941	914	891	882	881	884	889	895
Pork											
Production	740	699	687	704	696	692	698	701	702	703	708
Imports	20	18	18	21	22	24	23	22	24	25	25
Total Supply	910	872	812	780	771	769	774	776	777	780	785
Consumption	730	736	726	701	694	696	698	699	702	707	712
Exports	25	29	31	27	25	21	24	25	23	21	22
Ending Stocks	155	107	56	53	52	53	52	52	52	52	51
Total Use	910	872	812	780	771	769	774	776	777	780	785
Broiler											
Production	166	153	152	154	156	156	158	161	163	167	171
Imports	40	40	42	42	42	43	43	43	44	44	44
Total Supply	346	346	346	349	351	352	354	357	360	364	368
Consumption	178	178	178	181	183	184	186	189	192	196	201
Total Use	346	346	346	349	351	352	354	357	360	364	368
Farm Prices						(Hryvnia per Kilogram)					
Beef and Veal	1,149	1,790	2,526	3,301	3,742	4,128	4,702	5,223	5,727	6,366	7,165
Pork	2,034	2,499	3,336	4,543	5,104	5,488	6,056	6,722	7,387	8,096	9,011
Poultry	2,500	3,136	4,020	4,746	5,337	5,915	6,553	7,254	8,015	8,850	9,813

Per Capita Meat Consumption of Selected Countries

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	(Kilograms, Carcass Weight Basis)										
Argentina											
Beef	55.6	55.1	55.0	55.2	55.4	54.9	54.8	54.6	54.3	54.0	53.7
Pork	5.1	5.0	5.0	5.0	5.1	5.3	5.4	5.6	5.8	6.0	6.2
Broiler	23.5	23.5	23.7	24.0	24.4	24.9	25.6	26.2	26.9	27.6	28.3
Total	84.2	83.6	83.6	84.3	84.9	85.2	85.8	86.4	86.9	87.6	88.2
Australia											
Beef	37.2	36.9	36.7	36.5	36.4	36.5	36.7	37.0	37.3	37.3	37.3
Pork	18.6	19.4	19.7	19.9	20.0	20.2	20.2	20.2	20.5	20.7	20.8
Broiler	27.5	28.4	28.6	28.8	28.8	28.8	28.9	28.9	29.0	29.2	29.4
Lamb-Mutton	18.8	18.7	18.8	18.8	18.9	18.9	19.0	19.1	19.1	19.2	19.4
Total	102.0	103.3	103.9	104.0	104.2	104.5	104.8	105.3	105.9	106.4	106.9
Brazil											
Beef	36.4	36.0	35.9	36.0	36.2	36.5	36.8	37.1	37.5	37.9	38.3
Pork	9.4	9.3	9.4	9.6	9.7	9.9	10.0	10.1	10.2	10.4	10.5
Broiler	24.2	24.1	24.2	24.4	24.7	25.0	25.3	25.7	26.0	26.2	26.5
Total	70.0	69.4	69.5	69.9	70.6	71.3	72.1	72.9	73.7	74.5	75.3
Canada											
Beef	32.3	32.0	31.9	31.6	31.5	31.7	32.2	32.6	32.8	32.7	32.7
Pork	30.9	30.2	29.5	30.2	30.7	31.5	30.6	30.3	30.8	31.3	31.1
Broiler	26.4	27.6	28.1	28.3	28.3	28.1	28.5	28.8	28.8	28.8	29.3
Total	89.5	89.7	89.5	90.1	90.6	91.3	91.4	91.7	92.4	92.9	93.0
China - Mainland											
Beef	2.0	2.0	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.6	2.7
Pork	20.1	20.4	21.1	21.9	22.9	23.9	24.9	25.9	26.8	27.7	28.7
Poultry	3.7	3.7	3.9	4.2	4.5	4.8	5.1	5.5	5.8	6.2	6.5
Lamb-Mutton	0.9	0.9	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.4	1.4
Total	26.7	27.1	28.0	29.2	30.6	32.1	33.5	35.0	36.5	37.9	39.3
China - Hong Kong											
Beef	9.9	9.5	9.5	9.5	9.6	9.7	10.0	10.3	10.5	10.6	10.6
Pork	57.1	55.3	54.7	54.7	55.0	56.2	55.7	55.5	56.1	56.9	57.0
Broiler	42.8	42.3	43.1	43.6	44.2	44.6	45.3	45.9	46.4	46.9	47.5
Total	109.9	107.1	107.4	107.8	108.8	110.5	111.0	111.7	113.0	114.4	115.1
Czech Republic											
Beef	26.5	25.7	25.5	25.6	25.6	25.7	25.7	25.8	25.8	25.7	25.6
Pork	63.2	62.9	62.4	62.2	62.2	62.2	61.9	61.7	61.6	61.7	61.6
Broiler	16.8	17.4	17.6	17.8	18.2	18.6	19.2	19.7	20.2	20.7	21.3
Total	106.5	105.9	105.6	105.6	106.0	106.5	106.8	107.1	107.6	108.1	108.5
European Union											
Beef	19.5	19.4	19.3	19.2	19.1	19.0	18.9	18.8	18.7	18.7	18.6
Pork	42.5	42.8	42.9	43.0	43.2	43.5	43.7	43.9	44.1	44.4	44.6
Broiler	15.3	15.8	16.1	16.3	16.5	16.7	16.9	17.1	17.3	17.5	17.7
Lamb-Mutton	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6
Total	80.8	81.5	81.7	82.0	82.3	82.6	82.9	83.3	83.7	84.1	84.5

Per Capita Meat Consumption of Selected Countries (cont.)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	(Kilograms, Carcass Weight Basis)										
Hungary											
Beef	5.6	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.4	6.5	6.6
Pork	38.7	39.5	39.9	40.3	40.6	40.9	40.9	41.0	41.2	41.5	41.7
Broiler	17.2	17.9	18.2	18.4	18.7	18.9	19.2	19.5	19.8	20.1	20.4
Total	61.5	63.0	63.8	64.5	65.1	65.8	66.2	66.7	67.4	68.1	68.7
Indonesia											
Beef	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
Pork	2.9	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1
Broiler	3.9	3.6	3.6	3.7	3.7	3.8	3.9	4.0	4.0	4.1	4.1
Lamb	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Total	8.7	8.2	8.2	8.3	8.4	8.6	8.8	8.9	9.0	9.2	9.3
Japan											
Beef - All	11.8	11.4	11.2	11.2	11.2	11.5	12.0	12.5	13.0	13.2	13.3
Wagyu	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7
Dairy	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.2
Import	7.7	7.3	7.1	7.1	7.1	7.5	8.0	8.5	9.0	9.2	9.3
Pork	16.5	16.1	15.9	16.0	16.2	16.5	16.5	16.5	16.7	17.0	17.2
Poultry	12.6	12.8	13.0	13.0	13.1	13.2	13.4	13.5	13.6	13.8	14.0
Total	40.9	40.3	40.1	40.2	40.5	41.3	41.9	42.5	43.3	44.0	44.5
Mexico											
Beef	20.2	19.0	18.8	18.7	18.7	18.9	19.2	19.6	19.9	20.1	20.2
Pork	10.1	10.3	10.5	10.8	11.0	11.2	11.3	11.4	11.6	11.8	11.9
Broiler	17.3	17.9	18.2	18.4	18.6	18.9	19.0	19.2	19.4	19.6	19.9
Total	47.6	47.2	47.5	47.8	48.3	49.0	49.6	50.2	50.9	51.5	52.1
New Zealand											
Beef	36.8	36.0	35.5	34.9	34.4	34.3	34.3	34.4	34.4	34.2	33.7
Pork	16.5	16.7	17.0	17.4	17.7	18.0	18.0	18.1	18.3	18.6	18.8
Broiler	24.7	24.9	25.3	25.5	25.6	25.6	25.6	25.7	25.7	25.9	26.0
Lamb-Mutton	28.2	27.9	27.9	28.1	28.3	28.4	28.6	28.7	28.8	29.0	29.3
Total	106.2	105.5	105.7	105.9	106.0	106.3	106.5	106.9	107.3	107.6	107.9
Other Eastern Europe											
Beef	11.2	11.2	11.2	11.1	11.1	11.1	11.1	11.1	11.2	11.1	11.1
Pork	30.6	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Poultry	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
Total	52.9	52.9	52.9	52.8	52.8	52.9	52.8	52.8	52.9	52.9	52.8
Other FSU											
Beef	15.8	15.3	15.3	15.2	15.2	15.2	15.2	15.2	15.3	15.3	15.2
Pork	7.2	6.9	6.8	6.8	6.8	6.9	6.8	6.8	6.9	6.9	6.9
Poultry	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
Total	27.4	26.6	26.5	26.4	26.4	26.5	26.5	26.5	26.6	26.6	26.5
Philippines											
Beef	3.4	3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.7	3.7	3.7
Pork	12.7	12.7	12.7	12.7	12.8	13.0	13.2	13.3	13.4	13.6	13.8
Broiler	6.8	6.8	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6
Total	22.9	22.8	22.9	23.0	23.3	23.6	23.9	24.2	24.5	24.8	25.1

Per Capita Meat Consumption of Selected Countries (cont.)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Kilograms, Carcass Weight Basis)						
Poland											
Beef	9.3	9.7	9.7	9.8	9.9	9.9	10.1	10.3	10.5	10.6	10.8
Pork	37.0	37.6	38.5	38.9	39.1	39.3	39.0	38.9	39.0	39.2	39.1
Broiler	8.6	9.1	9.1	9.2	9.4	9.5	9.7	9.9	10.0	10.2	10.3
Total	54.9	56.3	57.3	58.0	58.4	58.7	58.8	59.0	59.5	60.0	60.3
Russia											
Beef	17.2	16.4	15.5	15.0	14.6	14.3	14.2	14.2	14.1	14.1	14.1
Pork	11.9	12.1	12.2	12.2	12.2	12.5	12.8	13.1	13.4	13.8	14.0
Broiler	6.5	6.2	6.2	6.4	6.6	6.7	6.9	7.0	7.2	7.4	7.5
Total	35.6	34.7	34.0	33.5	33.4	33.6	33.9	34.3	34.8	35.2	35.6
South Korea											
Beef	9.1	9.4	9.7	10.0	10.4	10.8	10.7	10.6	10.5	10.4	10.5
Pork	19.7	19.9	19.9	20.3	21.0	21.6	21.9	22.3	22.8	23.3	23.7
Poultry	9.3	9.1	9.4	9.8	10.1	10.4	10.6	10.8	11.0	11.3	11.5
Total	38.1	38.4	39.0	40.1	41.5	42.8	43.2	43.7	44.3	45.0	45.6
Taiwan											
Beef	3.8	3.7	3.7	3.8	3.9	4.0	4.2	4.4	4.6	4.7	4.8
Pork	42.7	41.0	41.2	41.2	41.6	41.7	41.8	42.2	42.5	42.8	43.3
Broiler	24.9	25.3	25.4	25.6	26.1	26.7	27.2	27.7	28.2	28.8	29.4
Total	71.4	70.0	70.3	70.6	71.6	72.4	73.2	74.2	75.2	76.3	77.5
Thailand											
Beef	3.8	3.7	3.7	3.8	3.9	4.0	4.0	4.1	4.2	4.3	4.3
Pork	5.0	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8
Broiler	10.7	10.7	11.0	11.2	11.4	11.7	11.8	12.0	12.3	12.5	12.7
Total	19.5	19.4	19.7	20.1	20.5	20.9	21.3	21.7	22.0	22.4	22.8
Ukraine											
Beef	17.2	16.9	16.7	16.5	16.5	16.6	16.6	16.7	16.9	17.1	17.2
Pork	14.5	14.7	14.6	14.2	14.1	14.2	14.3	14.4	14.5	14.7	14.8
Broiler	3.5	3.6	3.6	3.7	3.7	3.8	3.8	3.9	4.0	4.1	4.2
Total	35.2	35.2	34.9	34.4	34.3	34.5	34.8	35.0	35.4	35.8	36.2
United States											
Beef	44.1	42.3	41.3	40.4	39.7	39.4	39.3	39.5	39.5	39.4	39.1
Pork	30.9	30.3	28.5	28.4	28.6	29.1	28.8	28.3	28.5	28.7	28.3
Broiler	38.7	41.1	42.5	44.4	45.4	45.9	46.6	47.2	47.6	47.8	48.1
Total	113.8	113.8	112.4	113.2	113.7	114.5	114.8	114.9	115.5	115.9	115.5

Dairy Products

Dairy Products

•Milk production in modeled countries increases 12.7 percent in the next decade, with India, the United States, Brazil, and China accounting for 31.5 mmt of the 45.8 mmt increase. Fluid milk consumption only rises 13.3 mmt, so most of the production increase is channeled into manufactured dairy products.

•Cheese and butter production increase 1.6 and 1.3 percent, respectively, each year. Production of whole milk powder and nonfat dry milk grows at roughly half the rate of butter.

•International prices for butter, WMP, and NFD are projected to decline between 5 and 12 percent over the next three years, as a consequence of weak import demand in Russia, Japan, and Brazil. The FOB Northern European price for cheese, conversely, rises 5.7 percent over the same period due to strong demand in the United States and Japan and declining exports from the European Union.

•Given the stable income growth after 2000 in most countries and falling real prices for cheese, per capita consumption is projected to grow steadily in many countries. Increased cheese demand in the United States, the EU, Australia, and New Zealand, is largely met by well-developed domestic production.

•The rising popularity of fast food restaurants and western-style foods in Asia is expected to increase the demand for imported cheese in the region. Proximity to the market and lower production costs are expected to give Australia and New Zealand an edge in capitalizing on growth in Asian cheese demand.

•Although total butter consumption in modeled countries is projected to grow 16.1 percent over the next decade, per capita consumption will remain flat or trend downward in most countries. Nearly 90 percent of the increase in butter consumption occurs in India.

•The United States switched from being a small net exporter of butter in 1997 to a net importer of 16 tmt in 1998. The United States is projected to remain a small net importer of butter until 2004.

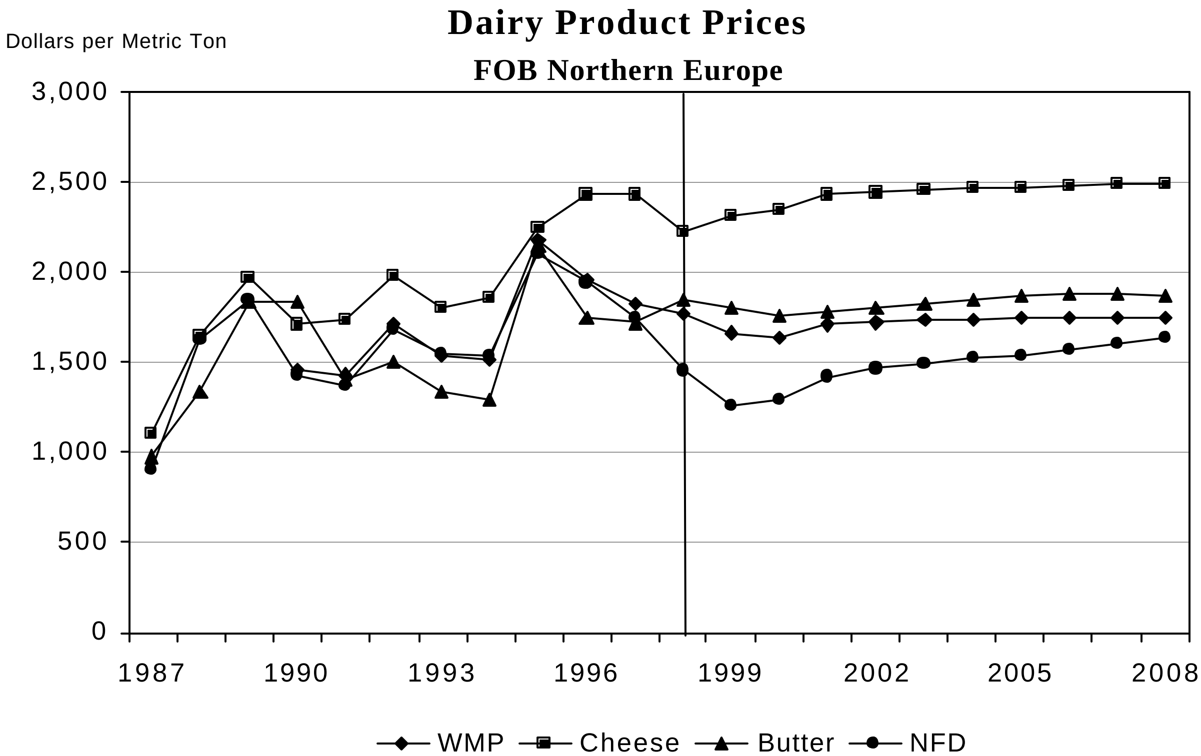
•The weak economic situation in Russia accounts for most of the 67 tmt drop in net butter imports in 1998 and the 10 tmt decline in 1999. The resumption of stronger global economic growth by the end of the century prompts a modest 11.5 percent increase in world butter trade from 2000 to 2008. Exporters in Australia, New Zealand, and the European Union satisfy most of the growth in butter imports.

•Production of most dairy products does not begin increasing in Russia until 2005, causing Russian butter and cheese imports to grow more than 15 percent from 2000 to 2004.

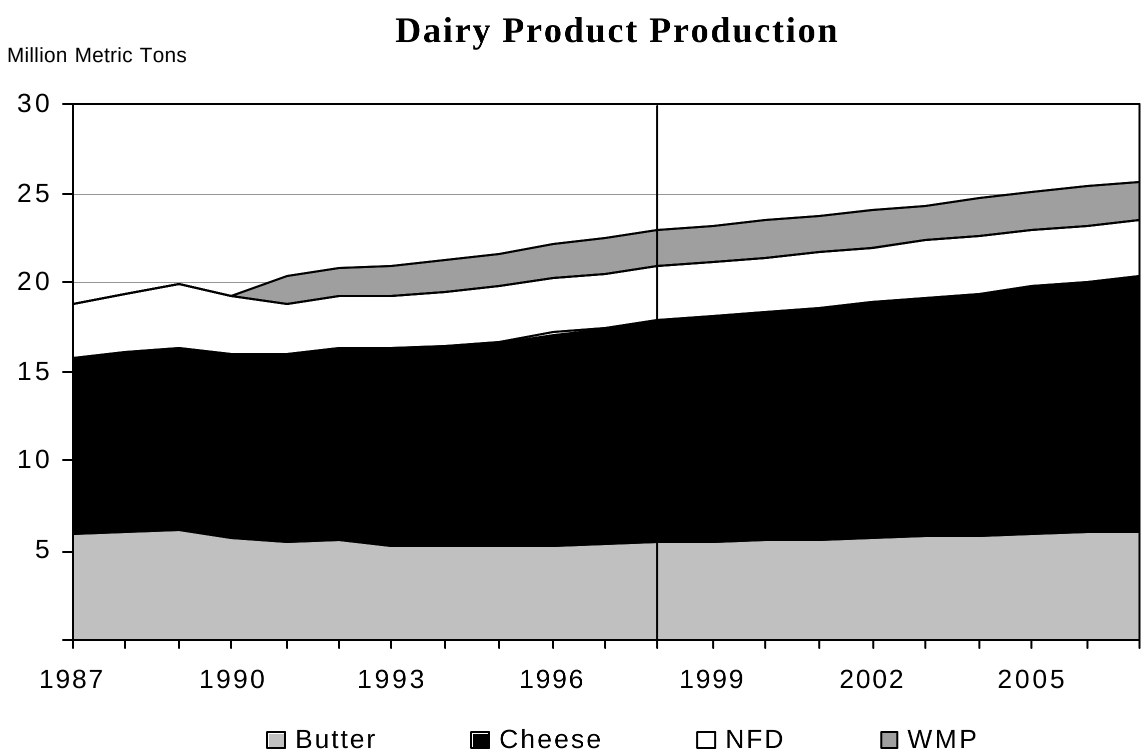
•Rising incomes in Mexico and Brazil are expected to stimulate greater demand for all dairy products in these countries. Mexican and Brazilian domestic milk production will grow 22.5 and 39.5 percent, respectively, in the next 10 years, moderating their growth in dairy imports.

•Despite reductions in 1998 imports, the demand for imported dry milk remains stable in Asia. In the long run, rising demand for NFD in Mexico and Asia outpaces domestic production, causing imports and international prices to creep upward.

•Whole milk powder trade is projected to grow a modest 4.5 percent over the next decade. Argentina, Australia, and New Zealand are able to supply the increase in WMP exports



Dairy Product Prices
FOB Northern Europe
Dollars per Metric Ton
3,000
2,500
2,000
1,500
1,000
500
0
1987
1990
1993
1996
1999
2002
2005
2008
WMP
Cheese
Butter
NFD



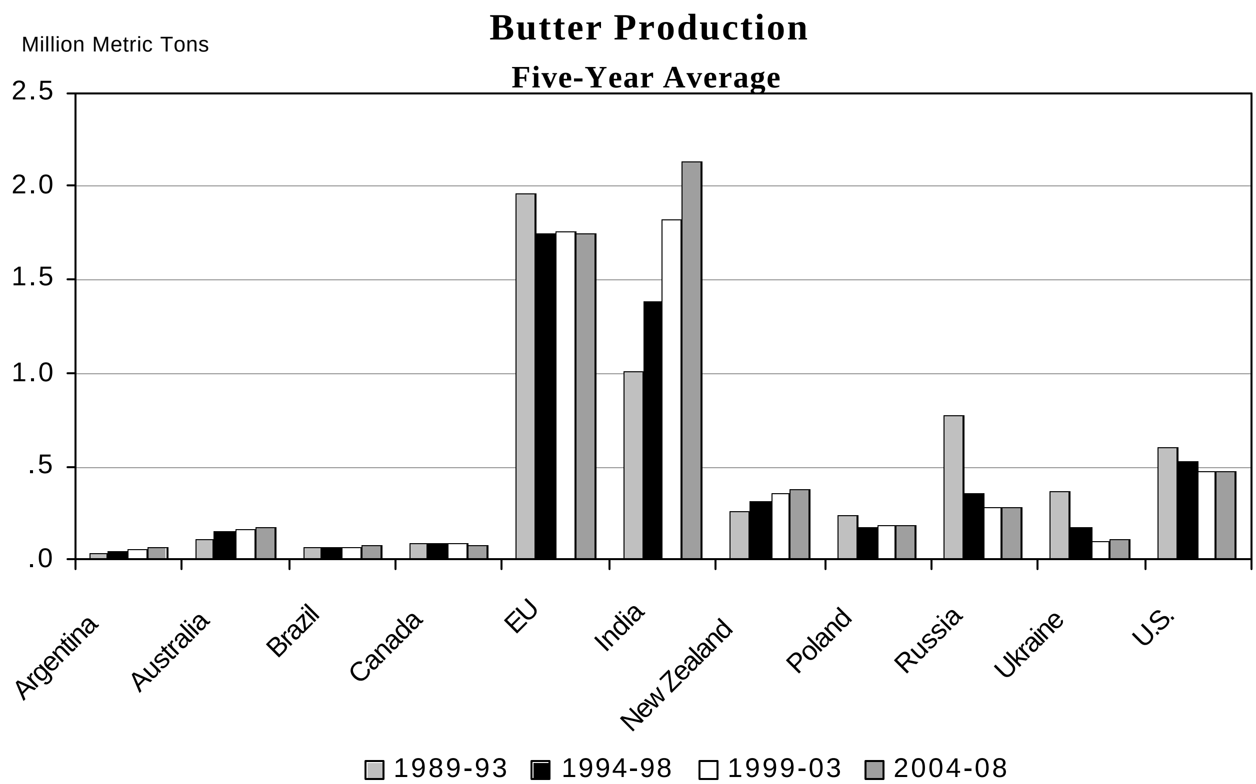
Dairy Product Production
Million Metric Tons
30
25
20
15
10
5
1987
1990
1993
1996
1999
2002
2005
Butter
Cheese
NFD
WMP

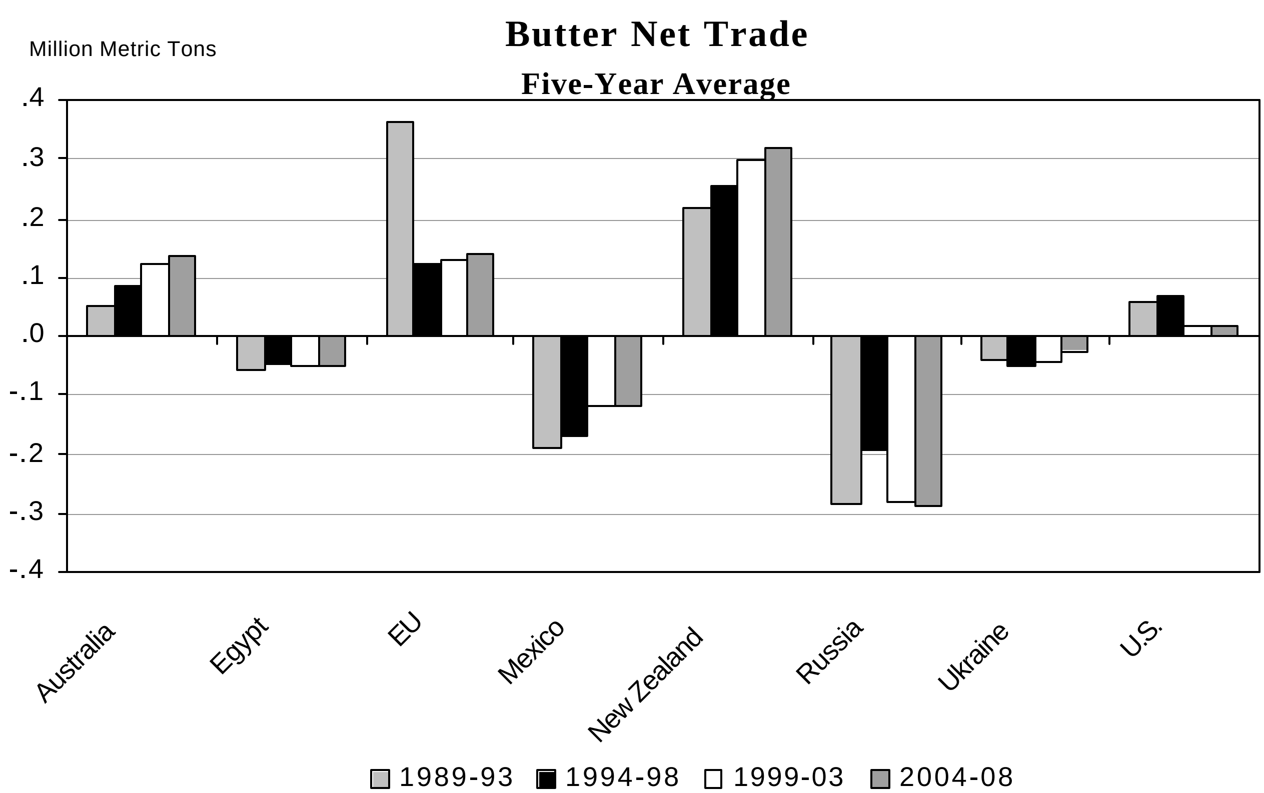
Butter Trade

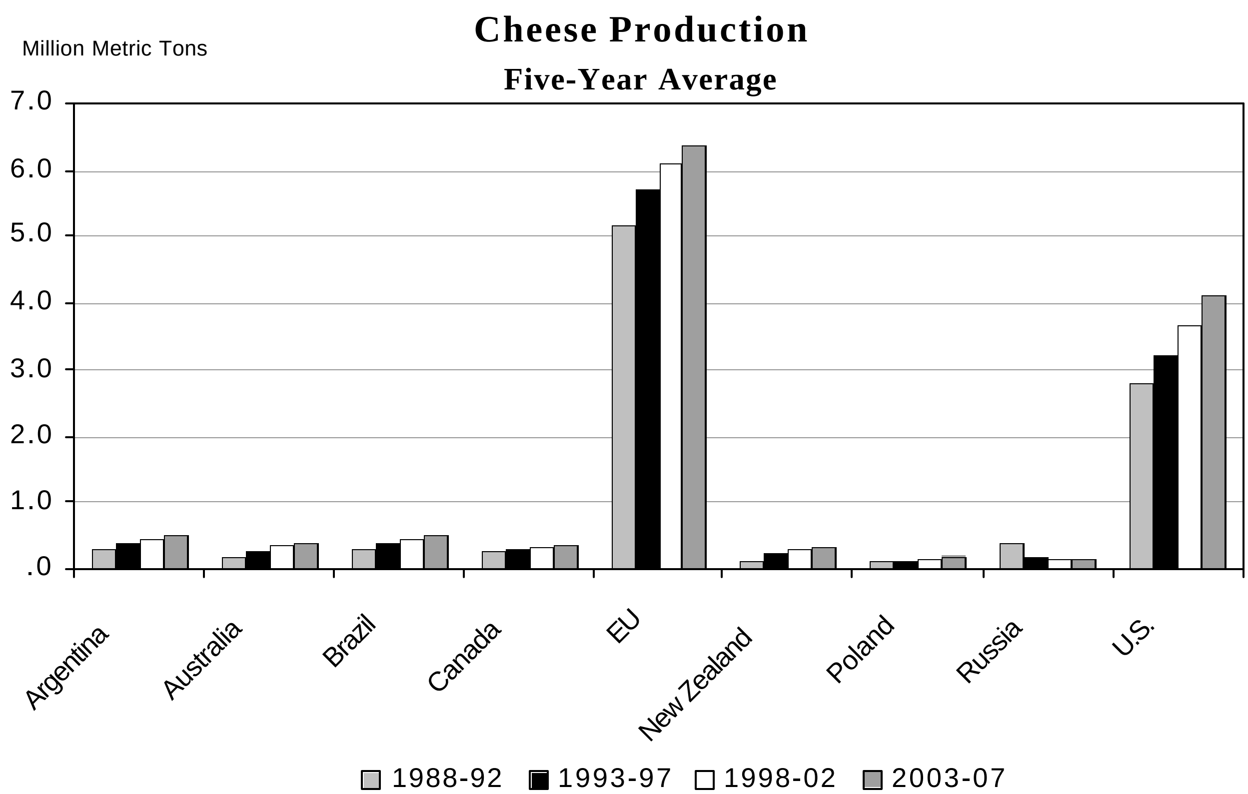
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Argentina	0	5	7	8	9	10	10	11	11	11	11
Australia	99	104	104	105	108	111	114	117	120	124	127
Canada	9	11	11	10	9	8	8	8	8	8	8
European Union	114	80	115	121	125	128	130	132	133	134	135
New Zealand	315	322	327	331	335	337	340	342	345	348	351
Poland	2	3	0	0	1	2	3	5	5	5	5
Ukraine	55	54	51	51	53	53	54	54	54	53	52
United States	-16	-8	-9	-5	-5	-3	0	0	2	4	5
Total Net Exports	578	571	606	621	635	646	659	669	678	687	694
Net Importers											
Brazil	6	4	5	4	3	2	2	2	3	4	5
Egypt	40	41	41	42	43	44	44	45	46	47	48
India	2	5	4	3	3	7	9	12	14	12	12
Japan	1	0	0	1	3	6	8	9	10	10	10
Mexico	15	14	17	16	16	16	16	16	17	18	18
Romania	2	2	3	3	3	3	3	4	4	4	4
Russia	193	175	189	199	207	213	219	225	228	227	223
Switzerland	4	7	6	6	6	6	6	6	6	6	6
Rest of World	316	324	340	348	351	351	352	351	354	361	370
Total Net Imports	578	571	606	621	635	646	659	669	678	687	694
					(U.S. Dollars per Metric Ton)						
FOB Price N. Europe	1,853	1,798	1,761	1,778	1,801	1,826	1,848	1,875	1,886	1,882	1,875

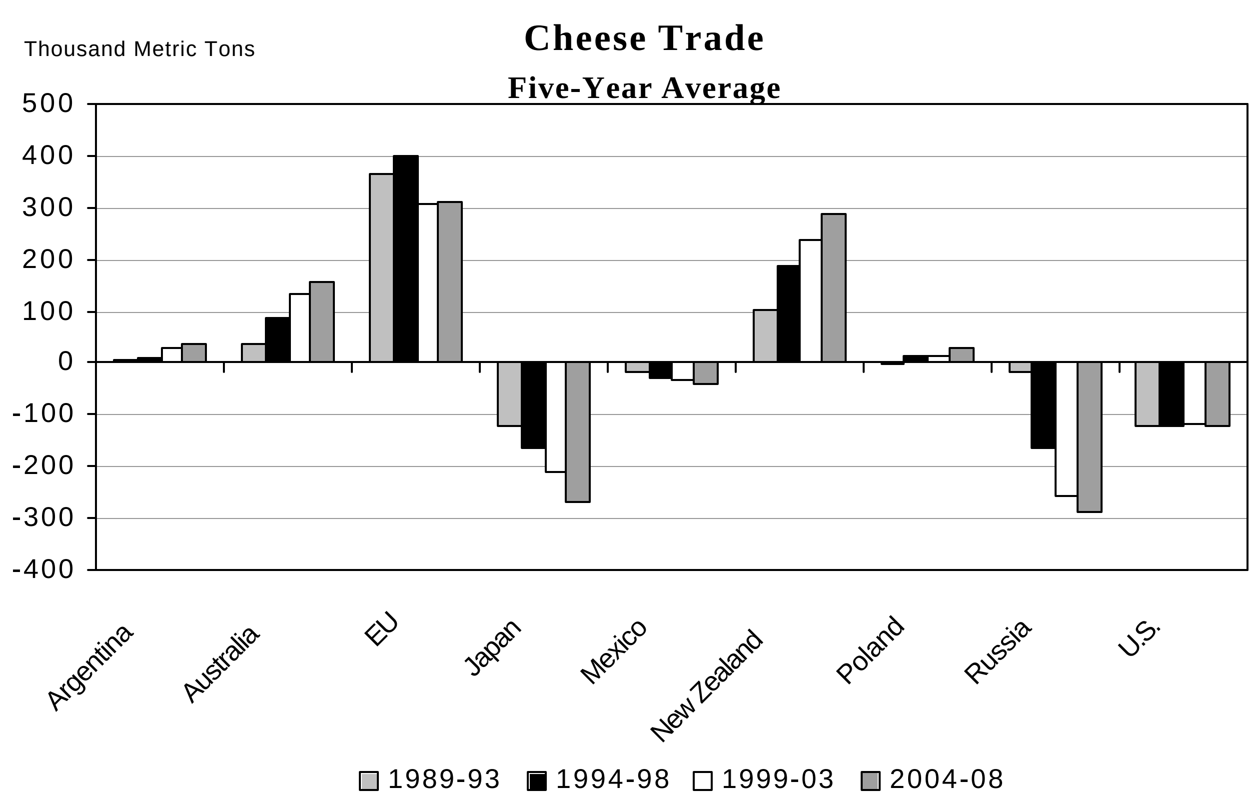
Cheese Trade

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Argentina	15	21	28	32	35	37	40	41	41	42	43
Australia	118	121	130	137	140	144	149	154	158	163	168
European Union	330	316	304	304	305	307	310	311	313	316	318
New Zealand	231	216	237	244	252	260	270	280	290	302	313
Poland	15	15	12	13	15	23	27	32	34	35	37
Switzerland	38	32	35	35	34	34	34	34	34	35	35
Total Net Exports	747	721	746	765	781	805	830	852	870	893	914
Net Importers											
Brazil	21	15	20	17	13	12	11	13	15	18	20
Canada	2	2	2	2	2	2	2	2	2	2	2
Egypt	13	13	12	10	9	9	9	9	10	11	13
Japan	180	192	196	204	214	225	238	251	264	278	292
Mexico	30	28	30	30	32	35	37	39	42	44	46
Romania	0	1	3	2	4	4	3	4	4	4	5
Russia	247	230	243	259	268	276	285	288	285	286	282
Ukraine	2	2	4	7	5	7	7	6	5	6	4
United States	114	115	117	117	117	117	118	118	118	119	119
Rest of World	138	123	120	117	117	118	120	122	125	126	128
Total Net Imports	747	721	746	765	781	805	830	852	870	893	914
					(U.S. Dollars per Metric Ton)						
FOB Price N. Europe	2,225	2,316	2,351	2,436	2,443	2,448	2,463	2,469	2,471	2,485	2,488


Butter Production
Five-Year Average
Million Metric Tons
2.5
2.0
1.5
1.0
.5
.0
Argentina
Australia
Brazil
Canada
EU
India
New Zealand
Poland
Russia
Ukraine
U.S.
1989-93
1994-98
1999-03
2004-08


Butter Net Trade
Five-Year Average
Million Metric Tons
.4
.3
.2
.1
.0
-.1
-.2
-.3
-.4
Australia
Egypt
EU
Mexico
New Zealand
Russia
Ukraine
U.S.
1989-93
1994-98
1999-03
2004-08


Cheese Production
Five-Year Average
Million Metric Tons
7.0
6.0
5.0
4.0
3.0
2.0
1.0
.0
Argentina
Australia
Brazil
Canada
EU
New Zealand
Poland
Russia
U.S.
1988-92
1993-97
1998-02
2003-07

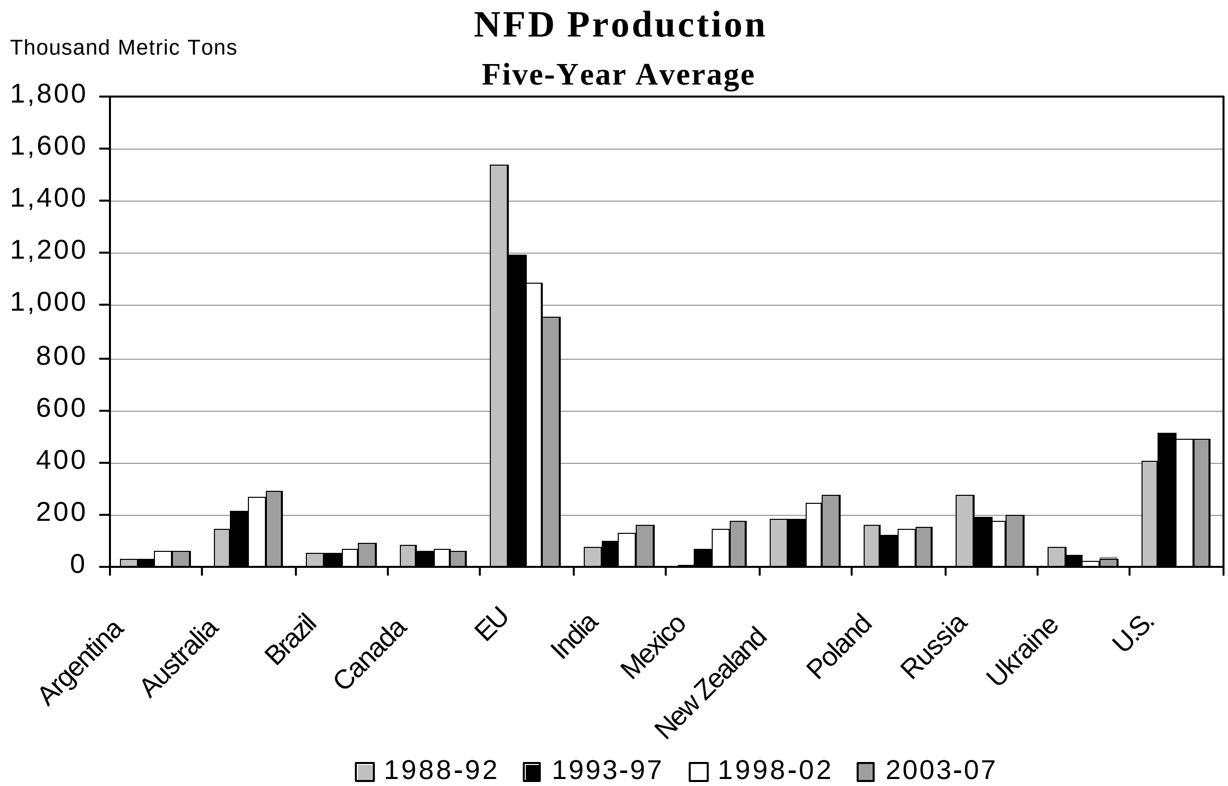

Cheese Trade
Five-Year Average
Thousand Metric Tons
500
400
300
200
100
0
-100
-200
-300
-400
Argentina
Australia
EU
Japan
Mexico
New Zealand
Poland
Russia
U.S.
1989-93
1994-98
1999-03
2004-08

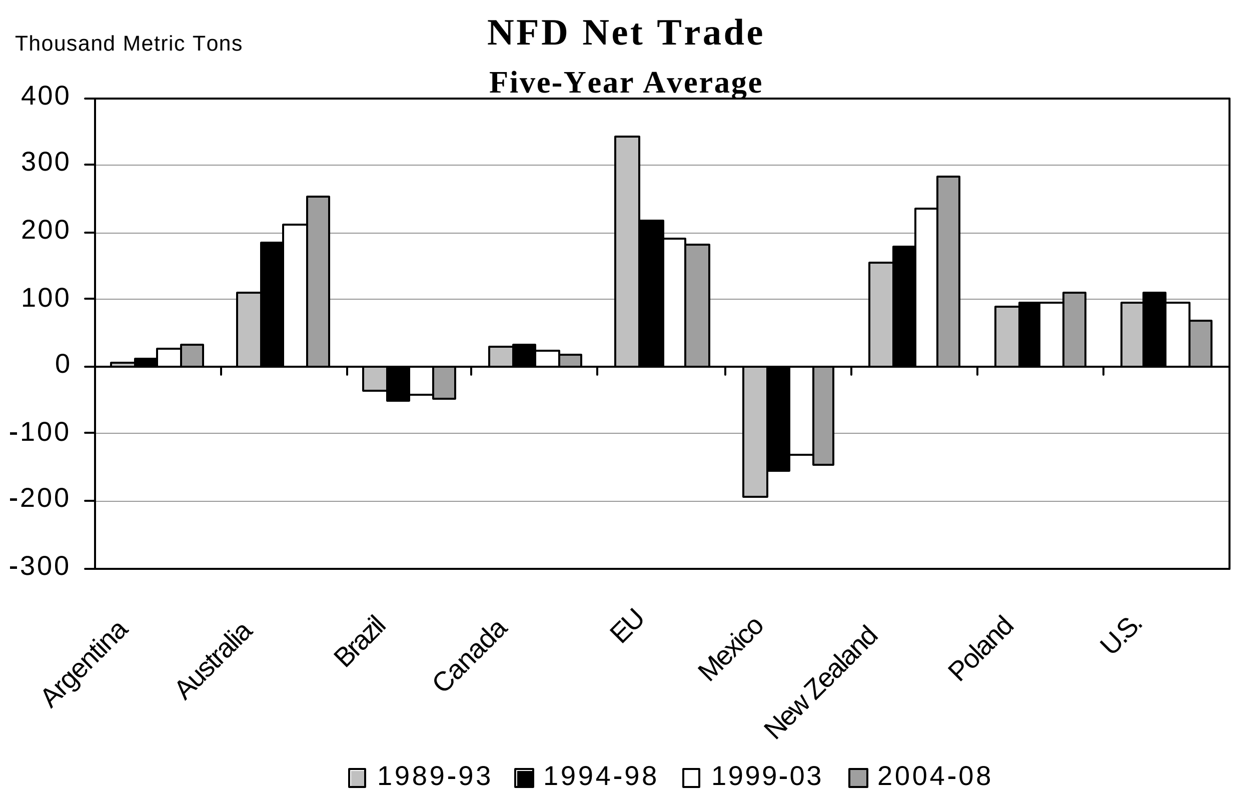
Nonfat Dry Milk Trade

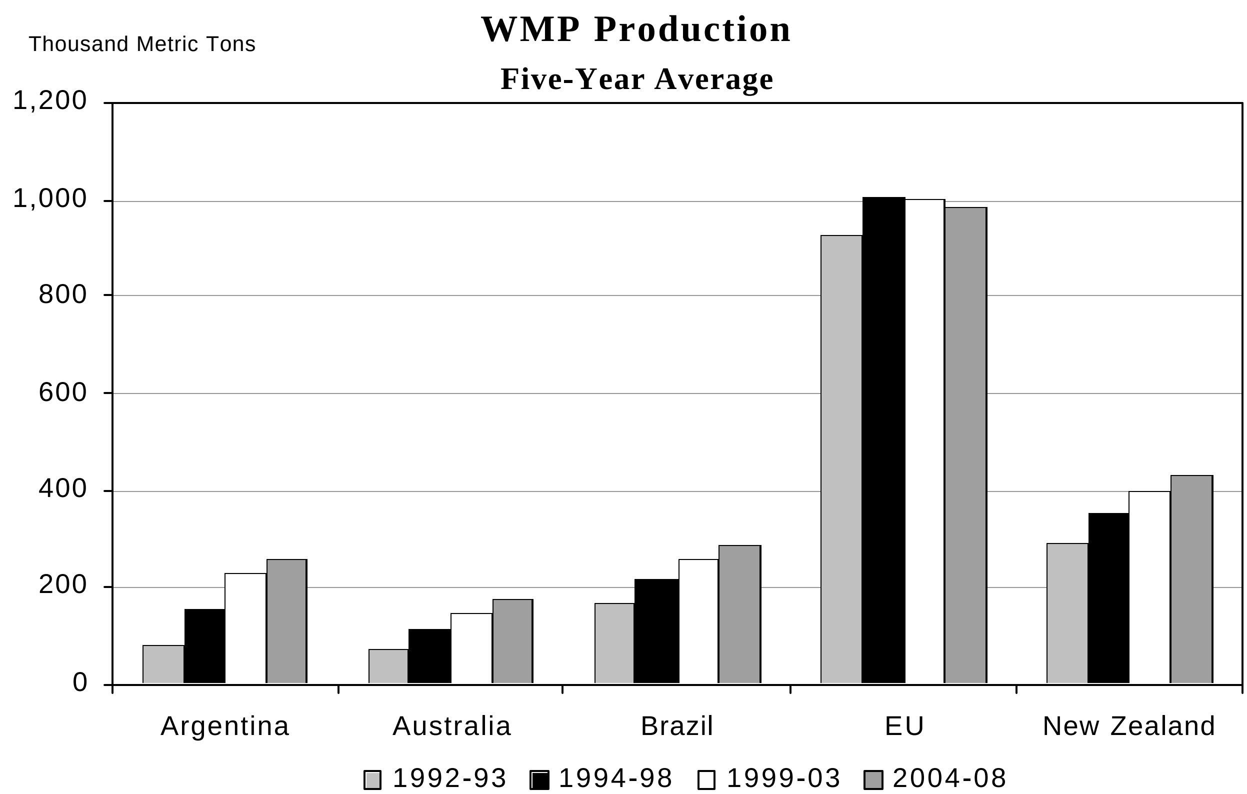
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Argentina	14	20	23	27	29	30	31	32	33	33	34
Australia	194	195	200	207	216	225	233	242	251	260	269
Canada	24	25	25	22	20	18	17	17	16	15	14
European Union	208	186	194	194	194	188	185	182	181	179	177
India	5	8	8	10	11	11	10	10	9	9	9
New Zealand	197	211	225	237	248	257	266	275	284	293	302
Poland	84	95	94	91	94	99	102	106	109	112	115
Switzerland	7	4	2	2	2	2	2	2	2	2	2
Ukraine	5	4	3	4	5	6	6	6	6	6	6
United States	101	111	107	79	68	68	68	68	68	67	67
Total Net Exports	839	859	881	873	887	904	920	940	959	976	995
Net Importers											
Brazil	47	41	46	43	42	43	44	47	49	53	56
Japan	65	62	61	65	69	74	78	81	83	84	86
Mexico	130	132	134	130	131	134	137	141	145	150	154
Romania	10	10	10	10	10	10	10	10	10	11	11
Russia	37	5	3	4	4	6	7	7	8	11	14
Rest of World	559	617	637	632	632	638	645	654	663	669	675
Total Net Imports	848	867	891	884	888	905	921	940	958	978	996
					(U.S. Dollars per Metric Ton)						
FOB Price N. Europe	1,453	1,260	1,289	1,413	1,460	1,486	1,518	1,540	1,568	1,604	1,640

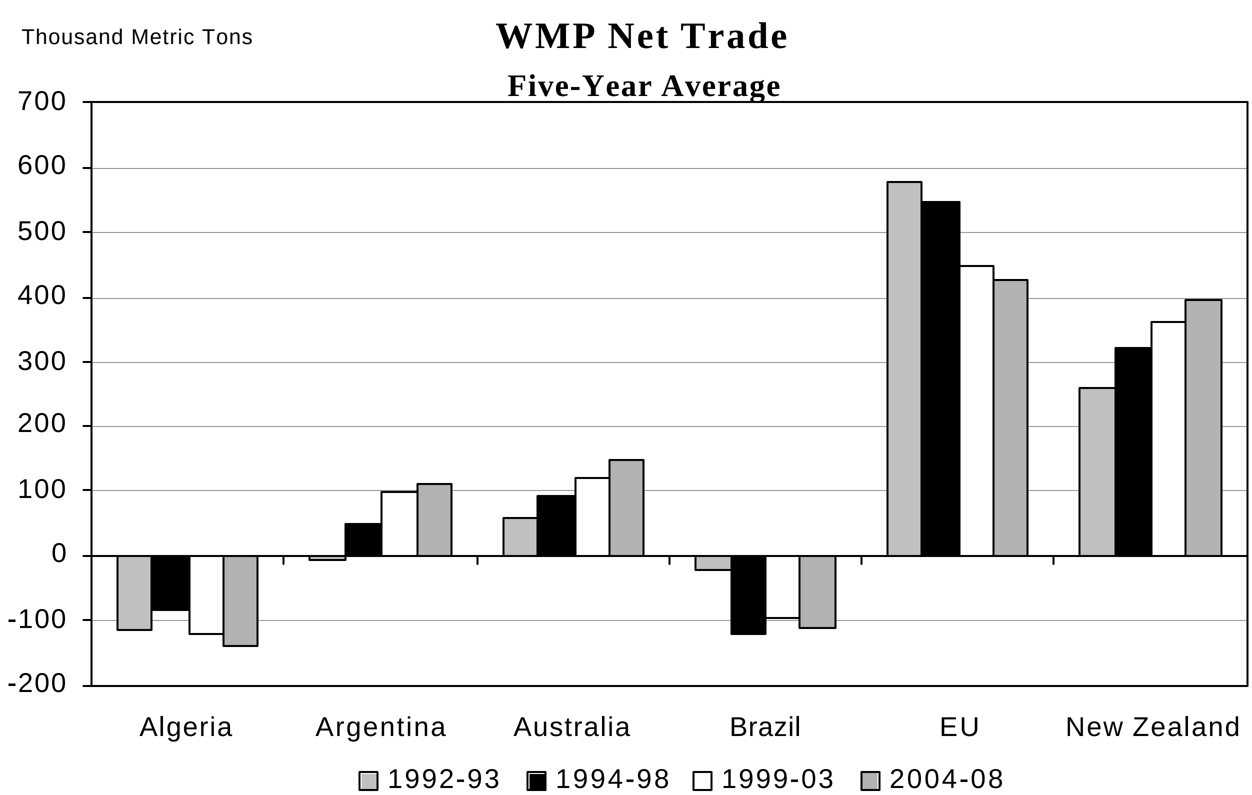
Whole Milk Powder Trade

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Exporters					(Thousand Metric Tons)						
Argentina	79	93	97	100	102	105	108	110	112	115	117
Australia	107	111	117	122	129	134	139	144	149	155	161
European Union	519	483	450	438	436	434	432	429	427	425	422
New Zealand	359	336	362	367	370	375	381	388	396	404	412
Total Net Exports	1,064	1,023	1,026	1,027	1,037	1,048	1,060	1,071	1,084	1,099	1,112
Net Importers											
Brazil	122	99	95	94	96	100	102	105	108	111	114
Rest of World	942	925	931	933	941	949	957	966	976	987	998
Total Net Imports	1,064	1,024	1,026	1,027	1,037	1,049	1,059	1,071	1,084	1,098	1,112
					(U.S. Dollars per Metric Ton)						
FOB Price N. Europe	1,764	1,662	1,638	1,710	1,723	1,729	1,737	1,740	1,743	1,747	1,749


NFD Production
Five-Year Average
Thousand Metric Tons
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Argentina
Australia
Brazil
Canada
EU
India
Mexico
New Zealand
Poland
Russia
Ukraine
U.S.
1988-92
1993-97
1998-02
2003-07


NFD Net Trade
Five-Year Average
Thousand Metric Tons
400
300
200
100
0
-100
-200
-300
Argentina
Australia
Brazil
Canada
EU
Mexico
New Zealand
Poland
U.S.
1989-93
1994-98
1999-03
2004-08


Thousand Metric Tons
WMP Production
Five-Year Average
1,200
1,000
800
600
400
200
0
Argentina
Australia
Brazil
EU
New Zealand
1992-93
1994-98
1999-03
2004-08


Thousand Metric Tons
WMP Net Trade
Five-Year Average
700
600
500
400
300
200
100
0
-100
-200
Algeria
Argentina
Australia
Brazil
EU
New Zealand
1992-93
1994-98
1999-03
2004-08

U.S. Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Thousand Head)					
Milk Cow Numbers	9,185	9,100	9,015	8,946	8,898	8,864	8,833	8,804	8,777	8,751	8,726
						(Kilograms)					
Milk Production per Cow	7,783	7,998	8,118	8,252	8,381	8,505	8,624	8,742	8,859	8,975	9,091
						(Thousand Metric Tons)					
Milk Production	71,488	72,780	73,179	73,819	74,572	75,387	76,181	76,968	77,754	78,541	79,332
Fluid Milk Consumption	25,669	26,004	26,185	26,349	26,494	26,657	26,797	26,923	27,049	27,176	27,300
Other Disappearance	45,819	46,777	46,995	47,470	48,078	48,730	49,384	50,046	50,705	51,365	52,031
Butter											
Production	472	472	468	469	470	472	473	474	474	474	474
Imports	21	14	14	15	15	15	14	13	12	11	10
Total Supply	502	502	499	502	504	506	507	508	508	508	508
Consumption	480	479	475	473	474	473	472	472	470	469	468
Exports	5	5	5	10	10	12	13	13	14	15	15
Ending Stocks	16	17	18	19	20	20	21	22	23	24	25
Shipments	1	1	1	1	1	1	1	1	1	1	1
Total Use	502	502	499	502	505	506	507	508	508	508	508
Cheese											
Production	3,384	3,543	3,607	3,693	3,774	3,857	3,943	4,028	4,115	4,203	4,292
Imports	150	153	156	157	159	161	162	164	166	167	169
Total Supply	3,756	3,922	3,990	4,078	4,161	4,246	4,333	4,420	4,509	4,599	4,691
Consumption	3,475	3,640	3,706	3,792	3,873	3,957	4,042	4,128	4,215	4,304	4,393
Exports	36	38	39	40	42	43	44	46	47	49	50
Ending Stocks	227	227	227	228	228	228	228	229	229	229	229
Shipments	18	18	18	18	18	18	18	18	18	18	18
Total Use	3,756	3,922	3,990	4,078	4,160	4,246	4,333	4,420	4,508	4,599	4,690
Nonfat Dry Milk											
Production	505	515	514	513	510	509	507	505	503	499	495
Imports	2	3	5	5	5	5	6	6	6	7	7
Total Supply	564	612	615	579	560	558	557	556	554	551	547
Consumption	364	401	440	448	439	438	436	435	433	430	425
Exports	103	113	112	84	74	74	74	74	74	74	74
Shipments	0	0	0	0	0	0	0	0	0	0	0
Feed, Waste	2	2	2	2	2	2	2	2	2	2	2
Ending Stocks	95	95	61	44	44	44	44	45	45	45	45
Total Use	564	612	615	579	559	559	557	557	554	551	547
Prices						(U.S. Dollars per Metric Ton)					
Milk Support	222	218	0	0	0	0	0	0	0	0	0
Butter CCC	1,433	1,433	0	0	0	0	0	0	0	0	0
Cheese CCC	2,459	2,426	0	0	0	0	0	0	0	0	0
Nonfat Dry Milk CCC	2,266	2,225	0	0	0	0	0	0	0	0	0
All Milk	339	297	289	288	290	291	290	289	288	287	285
MN-WI BFP	313	270	265	265	266	268	267	266	265	263	261
Butter Wholesale	3,926	3,254	2,934	2,751	2,711	2,763	2,809	2,783	2,814	2,855	2,899
Cheese Wholesale	3,397	2,980	2,920	2,921	2,936	2,948	2,942	2,933	2,922	2,906	2,888
Nonfat Dry Milk Wholesale	2,407	2,258	1,976	1,956	1,983	2,000	2,002	1,988	1,996	2,026	2,064

Argentine Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	2,500	2,556	2,591	2,624	2,652	2,677	2,702	2,726	2,751	2,777	2,800
					(Kilograms)						
Milk Production per Cow	3,760	3,827	3,906	3,988	4,065	4,140	4,216	4,293	4,370	4,449	4,527
					(Thousand Metric Tons)						
Milk Production	9,400	9,782	10,122	10,463	10,781	11,084	11,394	11,706	12,022	12,352	12,676
Fluid Milk Consumption	2,275	2,324	2,365	2,395	2,427	2,468	2,511	2,557	2,606	2,656	2,707
Manufacturing Use	7,103	7,438	7,738	8,049	8,334	8,596	8,863	9,129	9,397	9,676	9,949
Butter											
Production	52	56	57	60	62	63	64	66	67	69	70
Imports	2	2	2	2	2	2	2	2	2	2	2
Total Supply	61	68	70	73	75	76	77	79	80	82	83
Consumption	49	49	50	51	52	53	54	55	56	58	59
Exports	2	7	9	10	11	12	12	13	13	13	13
Ending Stocks	10	11	11	11	11	11	11	11	11	11	11
Total Use	61	67	70	72	74	76	77	79	80	82	83
Cheese											
Production	420	435	448	458	469	480	492	504	515	527	538
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	454	474	488	498	509	520	532	544	555	567	578
Consumption	400	413	420	426	434	443	453	463	474	485	496
Exports	16	22	29	33	36	38	41	42	42	43	44
Ending Stocks	38	39	39	39	39	39	39	39	39	39	39
Total Use	454	474	488	498	509	520	533	544	555	567	579
Nonfat Dry Milk											
Production	40	45	47	51	54	56	57	59	61	62	63
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	52	60	64	68	71	73	74	76	78	79	80
Consumption	23	24	24	24	25	25	26	27	28	29	29
Exports	15	21	24	28	30	31	32	33	34	34	35
Ending Stocks	14	16	16	16	16	16	16	16	16	16	16
Total Use	52	61	64	68	71	72	74	76	78	79	80
Whole Milk Powder											
Production	203	216	221	227	233	239	245	251	258	265	272
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	224	241	248	255	262	269	275	281	288	295	302
Consumption	120	121	123	126	129	133	137	141	146	150	155
Exports	80	94	98	101	103	106	109	111	113	116	118
Ending Stocks	24	26	27	28	29	29	29	29	29	29	29
Total Use	224	241	248	255	261	268	275	281	288	295	302

Australian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	2,002	2,029	2,048	2,067	2,086	2,104	2,121	2,136	2,152	2,169	2,187
					(Kilograms)						
Milk Production per Cow	4,823	4,885	4,951	5,040	5,127	5,213	5,300	5,388	5,478	5,572	5,665
					(Thousand Metric Tons)						
Milk Production	9,655	9,914	10,138	10,418	10,696	10,966	11,238	11,511	11,792	12,089	12,387
Fluid Milk Consumption	1,906	1,917	1,927	1,931	1,939	1,949	1,959	1,970	1,983	1,996	2,010
Manufacturing Use	7,749	7,997	8,211	8,487	8,757	9,017	9,279	9,540	9,809	10,093	10,376
Butter											
Production	154	157	157	159	161	164	167	170	172	176	179
Imports	6	5	5	5	5	5	5	5	5	5	5
Total Supply	180	183	182	184	186	189	192	195	197	201	204
Consumption	54	53	54	53	53	53	52	52	52	52	52
Exports	105	109	109	110	113	116	119	122	125	129	132
Ending Stocks	21	20	20	20	20	20	20	20	20	20	20
Total Use	180	182	183	183	186	189	191	194	197	201	204
Cheese											
Production	289	318	337	349	357	366	374	383	392	402	411
Imports	31	32	32	32	32	32	32	32	32	32	32
Total Supply	413	409	418	425	430	438	446	455	464	474	483
Consumption	205	207	212	215	218	222	225	230	234	239	243
Exports	149	153	162	169	172	176	181	186	190	195	200
Ending Stocks	59	49	44	41	40	40	40	40	40	40	40
Total Use	413	409	418	425	430	438	446	456	464	474	483
Nonfat Dry Milk											
Production	231	242	245	251	260	270	279	288	298	307	317
Imports	3	2	2	2	2	2	2	2	2	2	2
Total Supply	265	269	275	281	290	300	309	318	328	337	347
Consumption	43	44	45	44	45	45	46	46	47	47	48
Exports	197	197	202	209	218	227	235	244	253	262	271
Ending Stocks	25	28	28	28	28	28	28	28	28	28	28
Total Use	265	269	275	281	291	300	309	318	328	337	347
Whole Milk Powder											
Production	126	133	140	148	155	160	165	170	176	181	187
Imports	2	2	2	2	2	2	2	2	2	2	2
Total Supply	147	148	152	157	164	169	174	179	185	190	196
Consumption	25	25	26	26	26	26	26	26	26	26	26
Exports	109	113	119	124	131	136	141	146	151	157	163
Ending Stocks	13	10	7	7	7	7	7	7	7	7	7
Total Use	147	148	152	157	164	169	174	179	184	190	196
Milk Farm Prices					(Australian Cents per Liter)						
Industrial Milk	24	25	24	25	25	26	26	26	27	27	27
Fluid Milk	52	52	51	52	53	53	54	54	55	55	56
Retail Milk	116	115	113	116	118	119	120	121	122	123	124
Export Prices					(Australian Dollars per Metric Ton)						
Butter	2,513	2,340	2,226	2,229	2,274	2,323	2,368	2,422	2,450	2,457	2,458
Cheese	3,955	3,957	3,910	3,999	4,029	4,056	4,100	4,128	4,153	4,195	4,220
NFD Powder	2,495	2,110	2,100	2,265	2,346	2,397	2,457	2,502	2,558	2,626	2,695

Brazilian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Thousand Head)					
Milk Cow Numbers	16,900	16,750	16,610	16,533	16,459	16,381	16,310	16,242	16,181	16,130	16,073
						(Kilograms)					
Milk Production per Cow	1,280	1,343	1,400	1,461	1,520	1,579	1,638	1,698	1,758	1,818	1,878
						(Thousand Metric Tons)					
Milk Production	21,630	22,493	23,249	24,149	25,012	25,860	26,724	27,580	28,445	29,324	30,177
Fluid Milk Consumption	12,826	13,470	13,944	14,345	14,709	15,084	15,469	15,864	16,267	16,676	17,076
Manufacturing Use	8,632	8,885	9,167	9,666	10,164	10,638	11,116	11,577	12,040	12,509	12,963
Butter											
Production	70	70	69	71	73	74	75	76	76	76	76
Imports	6	4	5	4	3	2	2	2	3	4	5
Total Supply	76	74	74	75	76	76	77	78	79	80	81
Consumption	76	74	74	75	76	76	77	78	79	80	81
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	76	74	74	75	76	76	77	78	79	80	81
Cheese											
Production	421	433	442	459	473	485	497	508	518	529	539
Imports	21	15	20	17	13	12	11	13	15	18	20
Total Supply	442	448	462	476	486	497	508	521	533	547	559
Consumption	442	448	462	476	486	497	508	520	533	547	559
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	442	448	462	476	486	497	508	520	533	547	559
Nonfat Dry Milk											
Production	58	59	59	64	68	70	72	73	74	74	74
Imports	47	41	46	43	42	43	44	47	49	53	56
Total Supply	113	110	112	114	117	120	123	127	130	134	137
Consumption	103	104	105	107	110	113	116	120	123	127	130
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	10	7	7	7	7	7	7	7	7	7	7
Total Use	113	111	112	114	117	120	123	127	130	134	137
Whole Milk Powder											
Production	240	252	252	256	261	267	273	279	285	292	298
Imports	122	99	95	94	96	100	102	105	108	111	114
Total Supply	389	390	381	381	385	392	399	408	417	427	436
Consumption	350	355	350	353	360	368	376	384	394	403	412
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	39	34	31	28	25	24	24	24	24	24	24
Total Use	389	389	381	381	385	392	400	408	418	427	436

Canadian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	1,242	1,236	1,233	1,230	1,227	1,223	1,217	1,211	1,204	1,197	1,190
					(Kilograms)						
Milk Production per Cow	6,602	6,726	6,770	6,819	6,869	6,919	6,976	7,036	7,098	7,162	7,221
					(Thousand Metric Tons)						
Milk Production	8,200	8,313	8,348	8,388	8,427	8,465	8,492	8,519	8,544	8,570	8,594
Fluid Milk Consumption	2,661	2,673	2,694	2,718	2,742	2,765	2,777	2,787	2,797	2,806	2,814
Manufacturing Use	4,835	4,891	4,905	4,919	4,933	4,947	4,961	4,975	4,989	5,003	5,018
Butter											
Production	86	89	89	88	87	86	86	86	86	86	86
Imports	3	3	4	5	5	5	5	5	5	5	5
Total Supply	104	106	107	107	105	104	104	104	103	103	103
Consumption	78	78	78	78	78	78	78	78	78	78	78
Exports	12	14	15	15	14	13	13	13	13	13	13
Ending Stocks	14	14	14	13	13	13	13	12	12	12	11
Total Use	104	106	107	106	105	104	104	103	103	103	102
Cheese											
Production	330	332	335	340	344	348	350	353	356	359	361
Imports	22	22	22	22	22	22	22	22	22	22	22
Total Supply	398	400	403	408	413	417	419	422	425	428	430
Consumption	332	334	337	341	345	349	352	355	358	361	363
Exports	20	20	20	20	20	20	20	20	20	20	20
Ending Stocks	46	46	46	47	47	47	47	47	47	47	46
Total Use	398	400	403	408	412	416	419	422	425	428	429
Nonfat Dry Milk											
Production	65	65	64	61	58	57	58	58	58	58	58
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	77	83	82	79	75	73	74	74	74	74	74
Consumption	35	40	40	40	40	40	40	41	42	43	44
Exports	25	26	26	23	21	19	18	18	17	16	15
Ending Stocks	17	17	17	16	15	15	15	15	15	15	15
Total Use	77	83	83	79	76	74	73	74	74	74	74
Prices					(Canadian Dollars per Hectoliter)						
Industrial Milk Target	55.90	57.03	57.22	57.48	57.76	58.07	59.15	60.27	61.40	62.57	63.76
Fluid Milk	61.60	62.96	63.19	63.51	63.85	64.22	65.53	66.86	68.24	69.64	71.08
Retail Milk (liter)	1.44	1.46	1.47	1.47	1.48	1.48	1.50	1.53	1.55	1.57	1.60
					(Canadian Dollars per Kilogram)						
Butter Support	5.39	5.47	5.47	5.48	5.48	5.49	5.49	5.50	5.50	5.51	5.51
NFD Support	4.43	4.52	4.64	4.75	4.87	4.99	5.12	5.25	5.38	5.51	5.65
Butter Retail	6.42	6.51	6.51	6.52	6.52	6.53	6.54	6.54	6.55	6.55	6.56
Cheese Retail	12.20	12.52	12.72	12.99	13.25	13.52	13.91	14.33	14.75	15.19	15.64
NFD Retail	10.08	10.37	10.72	11.08	11.44	11.82	12.20	12.60	13.00	13.42	13.84

Egyptian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	4,730	4,806	4,864	4,909	4,947	4,977	5,000	5,018	5,031	5,042	5,051
					(Kilograms)						
Milk Production per Cow	239	245	250	255	260	265	270	275	280	285	290
					(Thousand Metric Tons)						
Milk Production	1,131	1,178	1,216	1,252	1,287	1,319	1,349	1,379	1,407	1,435	1,463
Fluid Milk Consumption	640	650	659	669	680	691	702	713	725	737	749
Manufacturing Use	2,040	2,077	2,106	2,132	2,156	2,177	2,196	2,214	2,231	2,247	2,262
Butter											
Production	9	10	10	11	12	12	13	13	14	14	15
Imports	40	41	41	42	43	44	44	45	46	47	48
Total Supply	49	51	51	53	55	56	57	58	60	61	63
Consumption	49	50	52	53	54	56	57	59	60	62	63
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	49	50	52	53	54	56	57	59	60	62	63
Cheese											
Production	380	387	395	402	409	415	421	427	432	438	443
Imports	13	13	12	10	9	9	9	9	10	11	13
Total Supply	393	400	407	412	418	424	430	436	442	449	456
Consumption	393	400	407	413	418	424	430	436	442	449	456
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	393	400	407	413	418	424	430	436	442	449	456

European Union Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Thousand Head)					
Milk Cow Numbers	21,362	21,069	20,796	20,529	20,268	20,011	19,762	19,518	19,285	19,050	18,825
						(Kilograms)					
Milk Production per Cow	5,640	5,721	5,792	5,865	5,939	6,015	6,090	6,165	6,238	6,314	6,388
						(Thousand Metric Tons)					
Milk Production	120,478	120,530	120,449	120,405	120,376	120,360	120,350	120,337	120,309	120,282	120,259
Fluid Milk Consumption	32,508	32,441	32,367	32,271	32,150	32,026	31,895	31,763	31,626	31,485	31,347
Manufacturing Use	88,022	88,239	88,333	88,484	88,674	88,883	89,100	89,319	89,524	89,736	89,946
Butter											
Production	1,748	1,750	1,758	1,757	1,756	1,755	1,754	1,752	1,750	1,748	1,745
Imports	79	80	79	79	79	79	79	79	79	79	79
Total Supply	2,022	2,038	2,065	2,067	2,063	2,055	2,046	2,035	2,024	2,013	2,001
Consumption	1,621	1,649	1,641	1,639	1,638	1,635	1,633	1,629	1,626	1,622	1,618
Exports	193	160	194	200	204	207	209	211	212	213	214
Ending Stocks	208	228	231	228	221	213	204	195	186	177	169
Total Use	2,022	2,037	2,066	2,067	2,063	2,055	2,046	2,035	2,024	2,012	2,001
Cheese											
Production	5,885	6,010	6,050	6,103	6,153	6,206	6,259	6,313	6,367	6,423	6,478
Imports	123	111	115	115	115	115	115	115	115	115	115
Total Supply	7,407	7,440	7,497	7,552	7,601	7,652	7,703	7,756	7,808	7,862	7,915
Consumption	5,635	5,681	5,745	5,800	5,850	5,901	5,951	6,004	6,056	6,109	6,163
Exports	453	427	419	419	420	422	425	426	428	431	433
Ending Stocks	1,319	1,332	1,334	1,333	1,331	1,329	1,328	1,326	1,324	1,322	1,320
Total Use	7,407	7,440	7,498	7,552	7,601	7,652	7,704	7,756	7,808	7,862	7,916
Nonfat Dry Milk											
Production	1,112	1,086	1,088	1,073	1,057	1,041	1,026	1,009	992	974	956
Imports	80	79	79	79	79	79	79	79	79	79	79
Total Supply	1,394	1,369	1,376	1,368	1,351	1,328	1,304	1,283	1,264	1,244	1,224
Consumption	901	894	888	880	871	862	845	829	813	797	781
Exports	288	265	273	273	273	267	264	261	260	258	256
Ending Stocks	204	209	216	215	208	199	195	193	191	189	186
Total Use	1,393	1,368	1,377	1,368	1,352	1,328	1,304	1,283	1,264	1,244	1,223
Whole Milk Powder											
Production	1,072	1,032	1,002	991	991	990	988	987	985	983	981
Imports	2	2	2	2	2	2	2	2	2	2	2
Total Supply	1,112	1,078	1,047	1,036	1,036	1,035	1,033	1,032	1,030	1,028	1,026
Consumption	547	550	552	554	555	556	557	557	558	559	559
Exports	521	485	452	440	438	436	434	431	429	427	424
Ending Stocks	44	43	43	43	43	43	43	43	43	43	43
Total Use	1,112	1,078	1,047	1,037	1,036	1,035	1,034	1,031	1,030	1,029	1,026
Prices						(ECUs per 100 Kilograms)					
Milk Target	30.70	30.70	30.70	30.70	30.70	30.70	30.70	30.70	30.70	30.70	30.70
Milk Producer	29.60	29.00	29.10	29.30	29.50	29.80	30.10	30.40	30.70	31.00	31.40
Butter Intervention	328	328	328	328	328	328	328	328	328	328	328
Butter Domestic	370	353	356	357	358	360	362	364	366	367	369
Cheese Domestic	471	469	470	474	478	483	489	494	499	504	510
SMP Intervention	206	206	206	206	206	206	206	206	206	206	206
SMP Domestic	208	206	207	209	211	214	216	219	221	224	226

Indian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	35,000	35,503	35,855	36,146	36,430	36,681	36,902	37,105	37,291	37,466	37,635
					(Kilograms)						
Milk Production per Cow	1,014	1,016	1,040	1,065	1,090	1,115	1,139	1,164	1,189	1,214	1,239
					(Thousand Metric Tons)						
Milk Production	35,500	36,084	37,285	38,495	39,706	40,883	42,041	43,193	44,333	45,474	46,616
Fluid Milk Consumption	32,500	33,040	33,617	34,266	34,955	35,761	36,503	37,272	38,069	38,780	39,544
Manufacturing Use	42,000	44,044	45,898	47,725	49,553	51,268	53,068	54,877	56,689	58,632	60,568
Butter											
Production	1,600	1,702	1,762	1,823	1,885	1,943	2,003	2,064	2,125	2,190	2,254
Imports	5	10	9	8	8	12	14	17	19	17	17
Total Supply	1,605	1,712	1,771	1,831	1,893	1,955	2,017	2,081	2,144	2,207	2,271
Consumption	1,602	1,707	1,766	1,826	1,887	1,950	2,013	2,076	2,139	2,202	2,266
Exports	3	5	5	5	5	5	5	5	5	5	5
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	1,605	1,712	1,771	1,831	1,892	1,955	2,018	2,081	2,144	2,207	2,271
Nonfat Dry Milk											
Production	120	129	134	139	143	147	152	156	160	165	169
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	141	150	157	164	169	173	178	182	186	191	195
Consumption	115	120	124	128	132	137	141	146	151	155	160
Exports	5	8	8	10	11	11	10	10	9	9	9
Ending Stocks	21	23	25	26	26	26	26	26	26	26	26
Total Use	141	151	157	164	169	174	177	182	186	190	195

Japanese Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	1,010	1,000	992	986	981	975	972	968	964	962	961
					(Kilograms)						
Milk Production per Cow	8,462	8,596	8,698	8,810	8,923	9,043	9,156	9,277	9,397	9,512	9,627
					(Thousand Metric Tons)						
Milk Production	8,550	8,594	8,631	8,687	8,752	8,820	8,896	8,978	9,061	9,151	9,251
Fluid Milk Consumption	5,020	4,903	4,892	4,929	4,980	5,035	5,086	5,129	5,166	5,204	5,246
Manufacturing Use	3,530	3,690	3,740	3,758	3,772	3,784	3,810	3,849	3,895	3,947	4,005
Butter											
Production	90	93	90	88	86	84	84	84	84	85	86
Imports	1	0	0	1	3	6	8	9	10	10	10
Total Supply	111	114	113	112	111	111	113	114	115	116	117
Consumption	90	91	90	90	90	91	92	93	94	95	96
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	21	23	23	22	21	21	21	21	21	21	21
Total Use	111	114	113	112	111	112	113	114	115	116	117
Cheese											
Production	35	37	39	41	41	41	41	42	42	42	42
Imports	180	192	196	204	214	225	238	251	264	278	292
Total Supply	230	244	250	260	270	281	294	308	321	335	349
Consumption	215	229	236	245	255	267	279	292	306	319	334
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	15	15	15	15	15	15	15	15	15	15	15
Total Use	230	244	251	260	270	282	294	307	321	334	349
Nonfat Dry Milk											
Production	205	209	205	201	197	195	195	195	197	198	201
Imports	65	62	61	65	69	74	78	81	83	84	86
Total Supply	317	323	318	316	314	315	318	320	323	324	328
Consumption	265	270	268	267	268	270	274	277	281	284	288
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	52	52	50	48	46	45	44	43	42	41	40
Total Use	317	322	318	315	314	315	318	320	323	325	328
Prices					(Yen per Kilogram)						
Milk Farm Price	83	78	76	75	74	73	73	73	72	72	71
Butter Wholesale	993	988	983	978	973	968	964	959	954	949	944
NFD Wholesale	548	548	548	548	548	548	548	548	548	548	548
Cheese Retail	1,882	1,792	1,744	1,738	1,713	1,694	1,688	1,674	1,661	1,655	1,638

Mexican Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	6,600	6,692	6,776	6,839	6,904	6,957	6,996	7,027	7,051	7,072	7,090
					(Kilograms)						
Milk Production per Cow	1,212	1,207	1,225	1,246	1,265	1,285	1,304	1,324	1,343	1,363	1,383
					(Thousand Metric Tons)						
Milk Production	8,000	8,077	8,303	8,522	8,737	8,937	9,123	9,302	9,471	9,638	9,803
Fluid Milk Consumption	3,600	3,607	3,662	3,686	3,741	3,804	3,864	3,927	3,992	4,058	4,125
Manufacturing Use	4,600	4,670	4,841	5,035	5,196	5,333	5,459	5,575	5,679	5,780	5,878
Butter											
Production	15	14	15	17	18	19	20	20	20	20	21
Imports	15	14	17	16	16	16	16	16	17	18	18
Total Supply	34	31	32	33	34	35	36	36	37	38	39
Consumption	31	32	32	33	34	35	36	36	37	38	39
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	3	0	0	0	0	0	0	0	0	0	0
Total Use	34	32	32	33	34	35	36	36	37	38	39
Cheese											
Production	115	118	119	120	122	123	123	125	126	128	129
Imports	30	28	30	30	32	35	37	39	42	44	46
Total Supply	145	146	149	150	154	158	160	164	168	172	175
Consumption	145	146	149	150	154	157	161	164	168	172	176
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	145	146	149	150	154	157	161	164	168	172	176
Nonfat Dry Milk											
Production	130	130	133	138	142	144	147	149	151	152	154
Imports	130	132	134	130	131	134	137	141	145	150	154
Total Supply	315	317	322	323	328	333	339	345	351	357	363
Consumption	260	262	267	268	273	278	284	290	296	302	308
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	55	55	55	55	55	55	55	55	55	55	55
Total Use	315	317	322	323	328	333	339	345	351	357	363

New Zealand Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	3,270	3,289	3,319	3,374	3,436	3,497	3,563	3,630	3,700	3,772	3,841
					(Kilograms)						
Milk Production per Cow	3,560	3,499	3,612	3,637	3,658	3,680	3,702	3,725	3,747	3,771	3,794
					(Thousand Metric Tons)						
Milk Production	11,640	11,508	11,989	12,273	12,571	12,868	13,187	13,520	13,865	14,225	14,573
Fluid Milk Consumption	400	402	405	406	407	408	410	411	413	414	416
Manufacturing Use	10,774	10,634	11,101	11,376	11,662	11,948	12,255	12,576	12,911	13,259	13,595
Butter											
Production	343	353	358	362	366	369	372	375	378	381	384
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	444	452	457	461	465	468	471	474	477	480	483
Consumption	30	31	31	32	32	32	32	32	33	33	33
Exports	315	322	327	331	335	337	340	342	345	348	351
Ending Stocks	99	99	99	99	99	99	99	99	99	99	99
Total Use	444	452	457	462	466	468	471	473	477	480	483
Cheese											
Production	266	252	274	281	290	299	309	320	331	344	355
Imports	1	1	1	1	1	1	1	1	1	1	1
Total Supply	308	294	316	323	332	341	351	362	373	386	397
Consumption	35	35	36	37	38	39	39	40	41	42	43
Exports	232	217	238	245	253	261	271	281	291	303	314
Ending Stocks	41	41	41	41	41	41	41	41	41	41	41
Total Use	308	293	315	323	332	341	351	362	373	386	398
Nonfat Dry Milk											
Production	215	226	236	248	259	268	277	286	295	304	313
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	275	293	307	318	329	337	345	354	362	370	379
Consumption	11	12	12	12	12	12	12	12	12	12	12
Exports	197	211	225	237	248	257	266	275	284	293	302
Ending Stocks	67	71	70	70	69	68	68	67	66	66	65
Total Use	275	294	307	319	329	337	346	354	362	371	379
Whole Milk Powder											
Production	397	386	396	398	402	408	414	421	429	437	446
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	444	440	468	471	474	480	487	494	502	510	519
Consumption	31	32	32	32	32	33	33	33	33	33	34
Exports	359	336	362	367	370	375	381	388	396	404	412
Ending Stocks	54	72	73	72	72	73	73	73	73	73	74
Total Use	444	440	467	471	474	481	487	494	502	510	520

Polish Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	3,496	3,441	3,387	3,358	3,369	3,414	3,449	3,485	3,517	3,545	3,577
					(Kilograms)						
Milk Production per Cow	3,461	3,600	3,668	3,724	3,761	3,798	3,832	3,867	3,900	3,937	3,972
					(Thousand Metric Tons)						
Milk Production	12,100	12,386	12,422	12,504	12,672	12,969	13,216	13,477	13,716	13,954	14,209
Fluid Milk Consumption	5,300	5,394	5,376	5,355	5,347	5,342	5,342	5,346	5,353	5,364	5,378
Manufacturing Use	6,127	6,272	6,326	6,429	6,605	6,906	7,154	7,411	7,643	7,870	8,111
Butter											
Production	180	180	179	179	180	183	184	186	187	189	190
Imports	1	2	5	6	5	4	3	2	2	2	2
Total Supply	192	194	196	197	197	199	199	200	201	203	204
Consumption	177	177	178	179	180	180	181	182	182	183	184
Exports	3	5	5	6	6	6	6	7	7	7	7
Ending Stocks	12	12	12	12	12	12	12	12	12	12	12
Total Use	192	194	195	197	198	198	199	201	201	202	203
Cheese											
Production	180	169	167	169	174	184	191	197	202	205	209
Imports	2	2	2	2	2	2	2	2	2	2	2
Total Supply	192	187	183	183	186	196	203	209	214	217	221
Consumption	159	155	157	158	160	162	164	166	168	170	172
Exports	17	17	14	15	17	25	29	34	36	37	39
Ending Stocks	16	14	12	10	10	10	10	10	10	10	10
Total Use	192	186	183	183	187	197	203	210	214	217	221
Nonfat Dry Milk											
Production	118	120	119	121	124	130	134	138	141	145	148
Imports	6	8	8	8	8	8	8	8	8	8	8
Total Supply	129	143	137	134	137	143	147	151	154	158	161
Consumption	24	30	30	30	30	31	31	32	33	33	33
Exports	90	103	102	99	102	107	110	114	117	120	123
Ending Stocks	15	10	5	5	5	5	5	5	5	5	5
Total Use	129	143	137	134	137	143	146	151	155	158	161

Romanian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	1,690	1,680	1,668	1,656	1,648	1,640	1,631	1,622	1,614	1,607	1,600
					(Kilograms)						
Milk Production per Cow	3,124	3,160	3,186	3,216	3,234	3,256	3,279	3,302	3,325	3,349	3,372
					(Thousand Metric Tons)						
Milk Production	5,280	5,308	5,315	5,326	5,330	5,338	5,347	5,357	5,368	5,380	5,396
Fluid Milk Consumption	3,651	3,664	3,671	3,652	3,656	3,666	3,680	3,701	3,721	3,744	3,772
Manufacturing Use	1,249	1,263	1,263	1,293	1,293	1,291	1,286	1,275	1,266	1,255	1,243
Butter											
Production	9	9	9	9	8	8	8	8	8	8	8
Imports	2	2	3	3	3	3	3	4	4	4	4
Total Supply	12	12	13	13	12	12	12	13	13	13	13
Consumption	11	11	11	11	11	12	12	12	12	12	12
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	12	12	12	12	12	13	13	13	13	13	13
Cheese											
Production	94	95	94	96	96	97	98	98	99	99	99
Imports	0	1	3	2	4	4	3	4	4	4	5
Total Supply	100	101	102	103	105	106	106	107	108	108	109
Consumption	95	96	97	98	100	100	101	102	103	104	105
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	5	5	5	5	5	5	5	5	5	5	5
Total Use	100	101	102	103	105	105	106	107	108	109	110
Nonfat Dry Milk											
Production	11	10	10	11	11	11	11	11	11	11	11
Imports	10	10	10	10	10	10	10	10	10	11	11
Total Supply	21	20	20	21	21	21	21	21	21	22	22
Consumption	20	20	21	20	21	21	21	21	21	21	21
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	20	20	21	20	21	21	21	21	21	21	21

Russian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	14,500	13,460	12,690	12,140	11,767	11,501	11,243	10,964	10,857	10,921	11,147
					(Kilograms)						
Milk Production per Cow	2,345	2,489	2,527	2,588	2,631	2,674	2,718	2,762	2,806	2,850	2,894
					(Thousand Metric Tons)						
Milk Production	34,000	33,506	32,072	31,412	30,964	30,759	30,558	30,282	30,463	31,127	32,263
Fluid Milk Consumption	14,615	13,623	13,373	13,235	13,194	13,164	13,138	13,124	13,119	13,119	13,139
Manufacturing Use	16,075	16,573	15,389	14,867	14,460	14,286	14,110	13,847	14,034	14,697	15,814
Butter											
Production	300	301	287	280	275	274	272	269	271	277	288
Imports	200	183	197	207	215	221	227	233	236	235	231
Total Supply	550	527	524	525	526	529	531	532	535	538	543
Consumption	500	479	478	481	485	489	492	496	501	506	512
Exports	7	8	8	8	8	8	8	8	8	8	8
Ending Stocks	43	40	38	36	34	32	30	28	26	24	22
Total Use	550	527	524	525	527	529	530	532	535	538	542
Cheese											
Production	170	170	168	161	159	159	157	162	173	181	193
Imports	250	234	247	263	272	280	289	292	289	290	286
Total Supply	432	412	423	432	439	447	454	462	470	479	487
Consumption	421	400	411	419	427	435	442	450	458	466	475
Exports	3	4	4	4	4	4	4	4	4	4	4
Ending Stocks	8	8	8	8	8	8	8	8	8	8	8
Total Use	432	412	423	431	439	447	454	462	470	478	487
Nonfat Dry Milk											
Production	170	171	168	168	169	172	175	176	180	184	190
Imports	45	45	43	44	44	46	47	47	48	51	54
Total Supply	215	216	211	212	213	218	222	223	228	235	244
Consumption	133	166	164	164	165	166	168	170	172	174	176
Exports	8	40	40	40	40	40	40	40	40	40	40
Ending Stocks	0	0	0	0	0	0	0	0	0	0	0
Total Use	141	206	204	204	205	206	208	210	212	214	216

Swiss Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	735	731	724	717	711	706	700	695	690	686	682
					(Kilograms)						
Milk Production per Cow	5,238	5,261	5,293	5,328	5,360	5,391	5,423	5,455	5,488	5,521	5,555
					(Thousand Metric Tons)						
Milk Production	3,850	3,846	3,833	3,819	3,812	3,804	3,796	3,792	3,788	3,787	3,788
Fluid Milk Consumption	700	695	694	688	685	683	679	676	673	670	666
Manufacturing Use	2,535	2,529	2,517	2,509	2,505	2,499	2,495	2,493	2,493	2,495	2,500
Butter											
Production	40	39	39	39	39	40	40	40	40	41	41
Imports	4	7	6	6	6	6	6	6	6	6	6
Total Supply	47	49	49	49	49	50	50	50	50	51	51
Consumption	44	45	45	45	45	46	46	46	46	46	46
Exports	0	0	0	0	0	0	0	0	0	0	0
Ending Stocks	3	4	4	4	4	4	4	4	4	4	4
Total Use	47	49	49	49	49	50	50	50	50	50	50
Cheese											
Production	140	142	141	141	141	141	141	141	141	142	143
Imports	25	28	29	29	30	30	31	31	32	32	33
Total Supply	188	190	195	195	196	196	197	197	198	199	201
Consumption	105	105	106	106	106	106	106	107	107	107	107
Exports	63	60	64	64	64	64	65	65	66	67	68
Ending Stocks	20	25	25	25	25	25	25	25	25	25	25
Total Use	188	190	195	195	195	195	196	197	198	199	200
Nonfat Dry Milk											
Production	21	18	18	18	18	18	18	18	18	18	18
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	24	20	18	18	18	18	18	18	18	18	18
Consumption	15	16	16	16	16	16	15	15	15	15	15
Exports	7	4	2	2	2	2	2	2	2	2	2
Ending Stocks	2	0	0	0	0	0	0	0	0	0	0
Total Use	24	20	18	18	18	18	17	17	17	17	17

Ukrainian Dairy Supply and Utilization

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
					(Thousand Head)						
Milk Cow Numbers	6,250	6,239	6,197	6,200	6,270	6,312	6,328	6,354	6,373	6,389	6,416
					(Kilograms)						
Milk Production per Cow	2,192	2,187	2,211	2,238	2,263	2,292	2,320	2,349	2,378	2,407	2,436
					(Thousand Metric Tons)						
Milk Production	13,700	13,647	13,700	13,876	14,191	14,464	14,682	14,926	15,153	15,377	15,630
Fluid Milk Consumption	2,800	2,835	2,828	2,797	2,783	2,774	2,766	2,763	2,763	2,765	2,771
Manufacturing Use	11,050	11,013	11,072	11,279	11,608	11,890	12,115	12,363	12,590	12,811	13,059
Butter											
Production	110	106	106	107	108	108	109	110	111	111	112
Imports	3	2	2	2	2	2	2	2	2	2	2
Total Supply	116	111	110	111	112	112	113	114	115	115	116
Consumption	55	54	55	55	55	55	55	56	57	58	60
Exports	58	56	53	53	55	55	56	56	56	55	54
Ending Stocks	3	2	2	2	2	2	2	2	2	2	2
Total Use	116	112	110	110	112	112	113	114	115	115	116
Cheese											
Production	44	42	41	38	41	40	41	43	46	47	49
Imports	3	3	5	8	6	8	8	7	6	7	5
Total Supply	48	46	47	47	48	49	50	51	53	55	55
Consumption	46	44	44	45	46	47	48	50	51	52	54
Exports	1	1	1	1	1	1	1	1	1	1	1
Ending Stocks	1	1	1	1	1	1	1	1	1	1	1
Total Use	48	46	46	47	48	49	50	52	53	54	56
Nonfat Dry Milk											
Production	27	26	26	28	29	31	32	33	34	35	36
Imports	0	0	0	0	0	0	0	0	0	0	0
Total Supply	29	27	27	29	30	32	33	34	35	36	37
Consumption	23	22	23	24	24	25	26	27	28	29	30
Exports	5	4	3	4	5	6	6	6	6	6	6
Ending Stocks	1	1	1	1	1	1	1	1	1	1	1
Total Use	29	27	27	29	30	32	33	34	35	36	37

Per Capita Dairy Consumption of Selected Countries

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
						(Kilograms)					
Argentina											
Fluid Milk	63.0	63.5	63.8	63.8	63.8	64.1	64.5	64.8	65.3	65.8	66.3
Butter	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Cheese	11.1	11.3	11.3	11.4	11.4	11.5	11.6	11.7	11.9	12.0	12.2
NFD Milk	0.6	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Whole Milk Powder	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.6	3.7	3.7	3.8
Australia											
Fluid Milk	101.9	101.6	101.2	100.6	100.1	99.8	99.6	99.4	99.3	99.3	99.3
Butter	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2.6
Cheese	11.0	11.0	11.2	11.2	11.3	11.4	11.5	11.6	11.7	11.9	12.0
NFD Milk	2.3	2.3	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.4
Whole Milk Powder	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Brazil											
Fluid Milk	79.2	82.2	84.2	85.7	87.0	88.3	89.7	91.1	92.6	94.1	95.5
Butter	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Cheese	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1
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	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3
Canada											
Total Fluid Milk	86.9	86.4	86.2	86.1	86.0	85.9	85.5	85.0	84.6	84.1	83.7
Whole Fluid Milk	13.9	13.5	13.2	13.1	12.9	12.7	12.3	12.0	11.6	11.3	10.9
Lowfat Fluid Milk	73.0	72.9	72.9	73.0	73.1	73.2	73.1	73.1	73.0	72.9	72.8
Butter	2.6	2.5	2.5	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3
Cheese	10.8	10.8	10.8	10.8	10.8	10.9	10.9	10.8	10.8	10.8	10.8
NFD Milk	1.1	1.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.3
Egypt											
Fluid Milk	10.1	10.1	10.1	10.1	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Butter	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Cheese	6.2	6.2	6.2	6.2	6.2	6.2	6.1	6.1	6.1	6.1	6.1
European Union											
Fluid Milk	90.8	90.3	89.8	89.2	88.6	88.0	87.4	86.9	86.4	85.8	85.3
Butter	4.5	4.6	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4
Cheese	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.7	16.8
NFD Milk	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.3	2.2	2.2	2.1
India											
Fluid Milk	33.5	33.4	33.5	33.6	33.7	34.0	34.2	34.4	34.6	34.7	34.9
Butter	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0
NFD Milk	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Japan											
Fluid Milk	39.7	38.7	38.5	38.7	39.0	39.4	39.7	39.9	40.2	40.4	40.6
Butter	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
Cheese	1.7	1.8	1.9	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
NFD Milk	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
Mexico											
Fluid Milk	36.7	36.1	36.1	35.7	35.7	35.7	35.7	35.8	35.8	35.9	36.0
Butter	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Cheese	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
NFD Milk	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7

Per Capita Dairy Consumption of Selected Countries (continued)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
New Zealand						(Kilograms)					
Fluid Milk	109.7	109.2	109.0	108.1	107.4	106.8	106.2	105.7	105.2	104.8	104.4
Butter	8.2	8.3	8.4	8.4	8.4	8.4	8.3	8.3	8.3	8.3	8.3
Cheese	9.6	9.6	9.8	9.9	10.0	10.1	10.2	10.4	10.5	10.6	10.8
NFD Milk	3.0	3.2	3.2	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.9
Whole Milk Powder	8.5	8.6	8.6	8.6	8.5	8.5	8.5	8.5	8.5	8.5	8.4
Poland											
Fluid Milk	137.2	139.6	139.0	138.2	137.6	137.0	136.5	136.1	135.7	135.5	135.4
Butter	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Cheese	4.1	4.0	4.1	4.1	4.1	4.2	4.2	4.2	4.3	4.3	4.3
NFD Milk	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Romania											
Fluid Milk	162.3	163.3	163.9	163.3	163.4	163.8	164.3	165.2	166.0	167.0	168.3
Butter	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Cheese	4.2	4.3	4.3	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7
NFD Milk	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
Russia											
Fluid Milk	99.4	92.9	91.5	90.9	90.8	90.8	90.8	90.8	90.9	90.9	91.0
Butter	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.6
Cheese	2.9	2.7	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.3
NFD Milk	0.9	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
South Africa											
Fluid Milk	30.8	30.4	30.0	29.6	29.3	29.0	28.7	28.4	28.2	27.9	27.7
Butter	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Cheese	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
NFD Milk	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
Switzerland											
Fluid Milk	98.4	97.4	96.9	95.8	95.1	94.4	93.8	93.1	92.5	91.9	91.3
Butter	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
Cheese	14.8	14.8	14.8	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
NFD Milk	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1	2.1	2.1
Ukraine											
Fluid Milk	55.6	56.6	56.9	56.6	56.6	56.7	56.8	56.9	57.1	57.4	57.7
Butter	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3
Cheese	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
NFD Milk	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
United States											
Total Fluid Milk	94.3	94.8	94.8	94.3	94.3	93.9	93.9	93.4	93.0	93.0	92.5
Whole Fluid Milk	33.1	33.1	33.1	32.7	32.2	31.8	31.3	30.8	30.4	29.9	29.5
Lowfat Fluid Milk	61.2	61.7	61.7	61.7	62.1	62.1	62.6	62.6	62.6	63.0	63.0
Butter	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.6
Cheese	12.9	13.4	13.5	13.7	13.9	14.1	14.2	14.4	14.6	14.8	15.0
NFD Milk	1.3	1.4	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5

U.S. AGRICULTURAL EXPORTS

U.S. Agricultural Export

•The value of U.S. agricultural exports reached a record level of $60 billion in 1995/96 and since then, both the quantity and value of agricultural exports have been declining, mainly in response to large global supplies and weak import demand.

•The value of agricultural exports, projected to fall below $50 billion in 1998/99, is likely to bottom out this year. Over the next 10 years, the value of agricultural exports are projected to increase by more than 40 percent, reaching $70 billion by 2008/09.

•High-value products account for about 60 percent of the total increase in value of agricultural exports, and the remaining 40 percent is accounted for by bulk commodities such as grains and oilseeds. Within high-value products, the export value of animal and animal products is projected to rise by more than 60 percent during the projection period.

•The quantity of U.S. agricultural exports is projected to increase by more than 34 mmt during the projection period with feed grain and oilseeds accounting for most of the increase. In addition, the quantity of animal and animal products is also projected to increase by more than 30 percent in the next decade.

•Feed grain exports are expected to increase by 19 mmt, with corn accounting for a major share. Similarly, exports of oilseeds and oilseed products are projected to rise by more than 22 percent during the projection period.

Quantity of U.S. Agricultural Exports, Fiscal Year

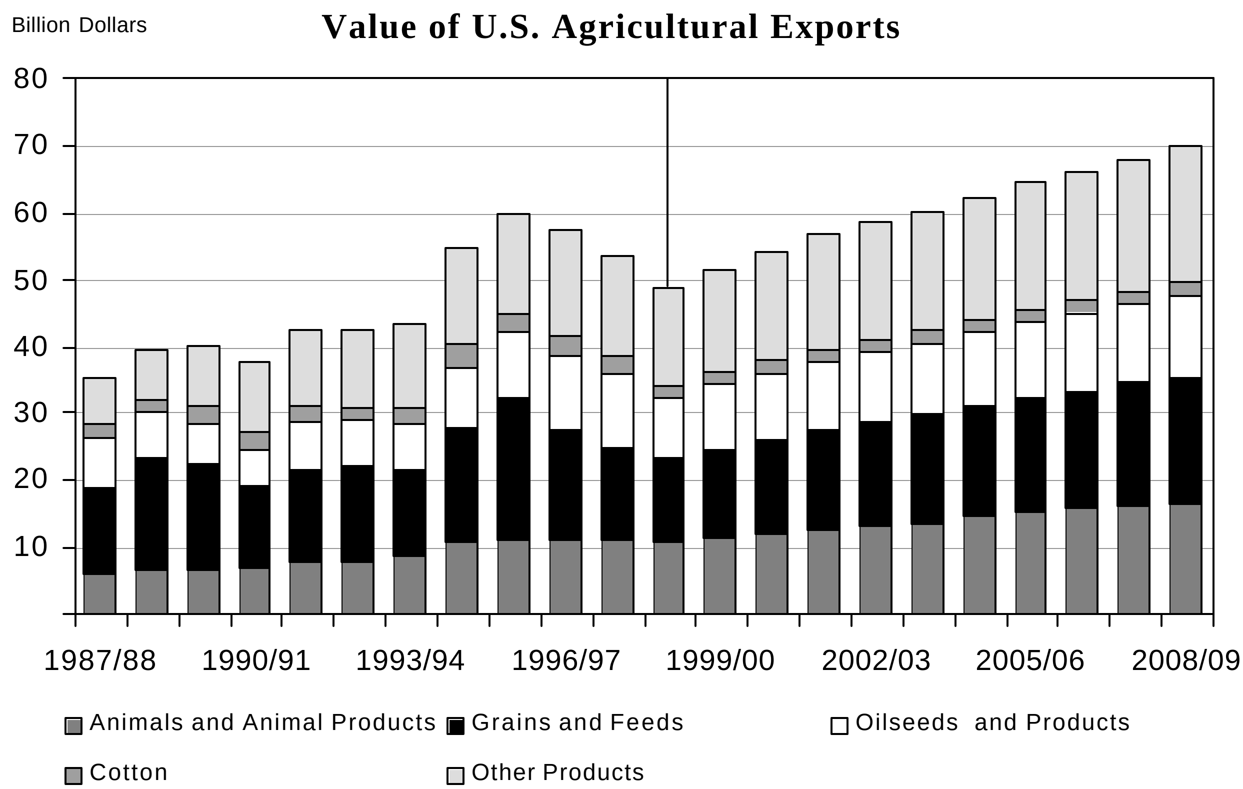
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
						(Thousand Metric Tons)					
Animals and Animal Products	6,324	6,450	6,577	6,756	7,027	7,265	7,497	7,747	7,973	8,130	8,123
Grains and Feeds	92,086	94,427	97,398	100,926	103,187	105,216	107,587	110,470	112,862	114,987	117,785
Wheat (Unmilled and Flour)	26,866	26,258	27,441	28,416	28,809	29,211	29,809	30,198	29,984	29,687	29,425
Rice (Paddy Milled)	3,436	3,733	3,670	3,623	3,590	3,556	3,525	3,480	3,438	3,391	3,348
Feed Grains and Products	48,421	50,632	52,112	54,375	55,968	57,282	58,756	60,920	63,201	65,348	67,959
Other Grains and Feeds	13,362	13,804	14,176	14,512	14,820	15,166	15,497	15,872	16,238	16,562	17,053
Oilseeds and Products	33,933	37,519	37,784	37,755	38,132	38,446	38,893	39,498	40,141	40,969	41,667
Cotton (excl. Linters)	977	1,192	1,294	1,360	1,332	1,288	1,237	1,203	1,188	1,189	1,179
Other Products	8,040	8,353	8,647	8,974	9,240	9,485	9,760	10,079	10,368	10,652	10,917
Total	141,360	147,940	151,701	155,770	158,918	161,700	164,975	168,997	172,533	175,928	179,671

Value of U.S. Agricultural Exports, Fiscal Year

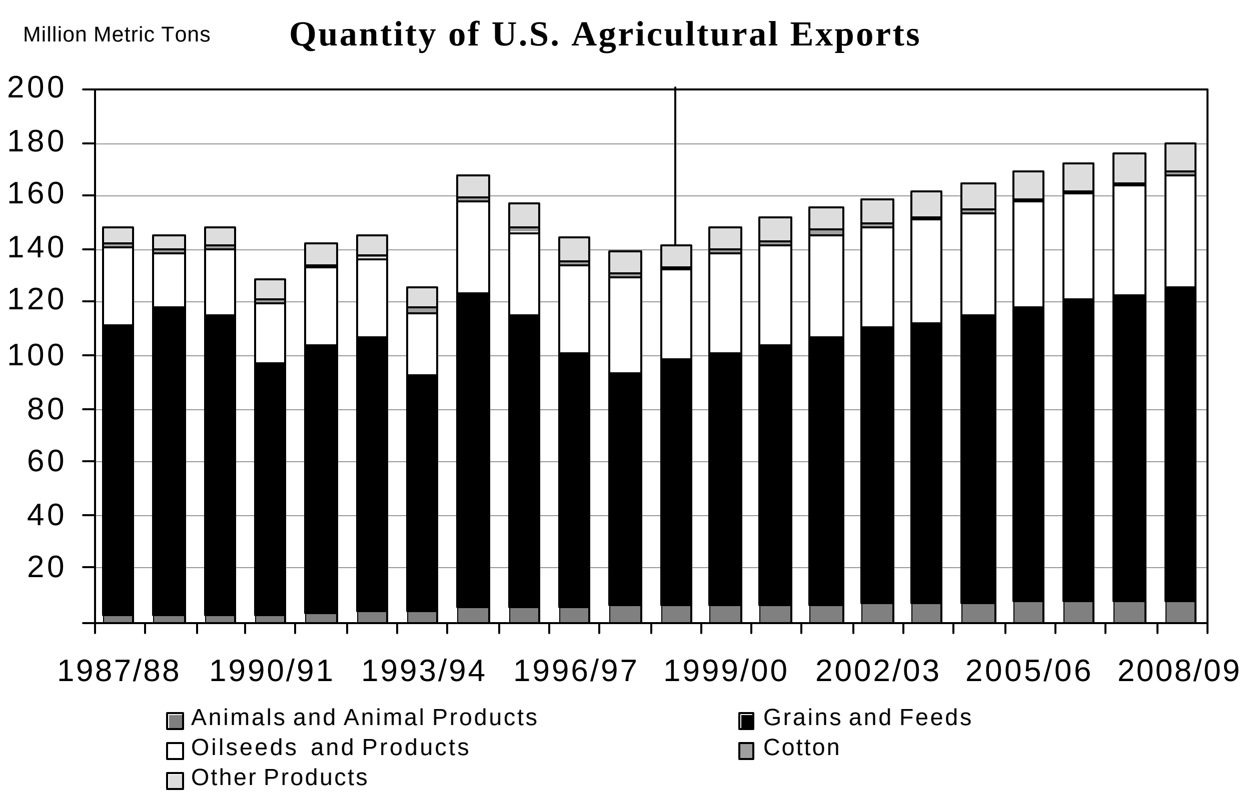
	98/99	99/00	00/01	01/02	02/03	03/04	04/05	05/06	06/07	07/08	08/09
						(Million Dollars)					
Bulk Commodities *	17,522	18,925	19,789	20,675	21,477	22,206	22,907	23,661	24,201	24,731	25,467
High-value Products †	32,059	33,199	34,463	35,844	37,051	38,126	39,433	40,715	41,966	43,285	44,362
Animals and Animal Products	10,646	11,253	11,867	12,573	13,171	13,737	14,475	15,157	15,737	16,350	16,624
Meat and Meat Products	4,383	4,785	5,142	5,479	5,690	5,890	6,271	6,561	6,693	6,836	7,131
Poultry and Poultry Products	2,650	2,757	2,837	3,014	3,246	3,440	3,608	3,782	3,948	4,097	4,233
Dairy Products	700	690	690	694	700	707	714	719	723	727	585
Hides and Skins	1,441	1,524	1,665	1,807	1,923	2,059	2,195	2,371	2,599	2,854	3,057
Other Animal Products	1,423	1,497	1,534	1,579	1,612	1,641	1,686	1,725	1,773	1,835	1,617
Grains and Feeds	12,637	13,447	14,155	14,908	15,576	16,204	16,763	17,388	17,764	18,162	18,686
Wheat (Unmilled and Flour)	3,234	3,541	3,912	4,253	4,514	4,729	4,927	5,114	5,105	5,101	5,108
Rice (Paddy Milled)	1,113	1,176	1,169	1,174	1,179	1,194	1,197	1,205	1,205	1,205	1,207
Coarse Grains	4,663	5,029	5,310	5,644	5,967	6,291	6,572	6,958	7,318	7,690	8,195
Corn	3,913	4,182	4,413	4,702	5,001	5,289	5,548	5,909	6,241	6,591	7,071
Other Feed Grains	750	846	897	942	966	1,002	1,024	1,049	1,076	1,100	1,124
Feeds and Fodders	3,628	3,701	3,763	3,837	3,915	3,990	4,068	4,110	4,136	4,167	4,176
Oilseeds and Products	9,212	9,732	9,946	10,102	10,328	10,478	10,759	11,025	11,381	11,712	12,157
Soybeans	4,885	5,478	5,634	5,767	5,901	6,001	6,144	6,273	6,437	6,569	6,781
Soybean Meal	1,562	1,508	1,536	1,555	1,609	1,635	1,705	1,774	1,865	1,953	2,042
Soybean Oil	913	830	833	818	828	833	866	902	959	1,029	1,118
Other Oilseeds and Products	1,852	1,917	1,943	1,962	1,990	2,009	2,043	2,076	2,120	2,161	2,216
Tobacco, unmanufactured	1,516	1,543	1,569	1,599	1,633	1,667	1,702	1,736	1,771	1,807	1,843
Cotton and Linters	1,536	1,696	1,808	1,955	1,981	1,970	1,934	1,920	1,931	1,963	1,967
Horticulture and Other Products	13,433	13,953	14,784	15,381	15,838	16,276	16,709	17,148	17,583	18,023	18,552
Total	49,581	52,124	54,251	56,519	58,528	60,331	62,341	64,376	66,167	68,017	69,829

* Bulk commodities include wheat, rice, coarse grains, soybeans, cotton, and tobacco.

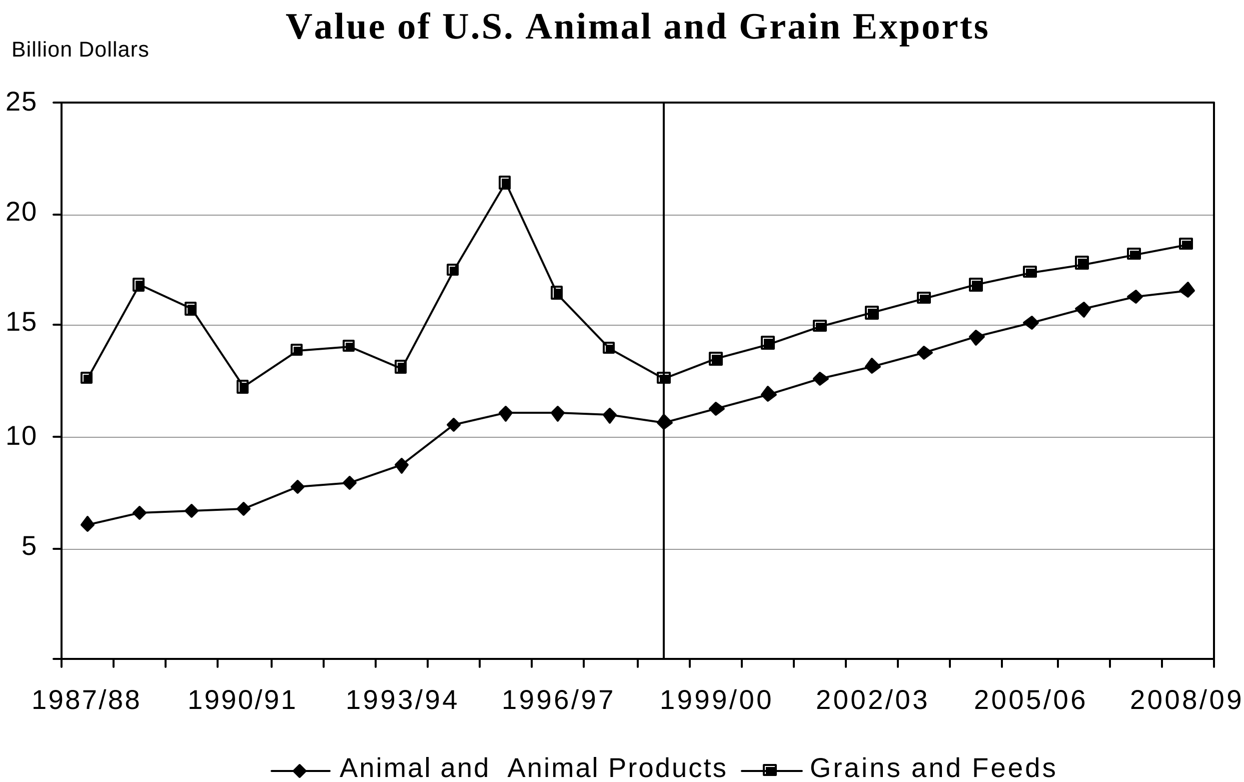
† High-value products are total exports minus bulk commodities.

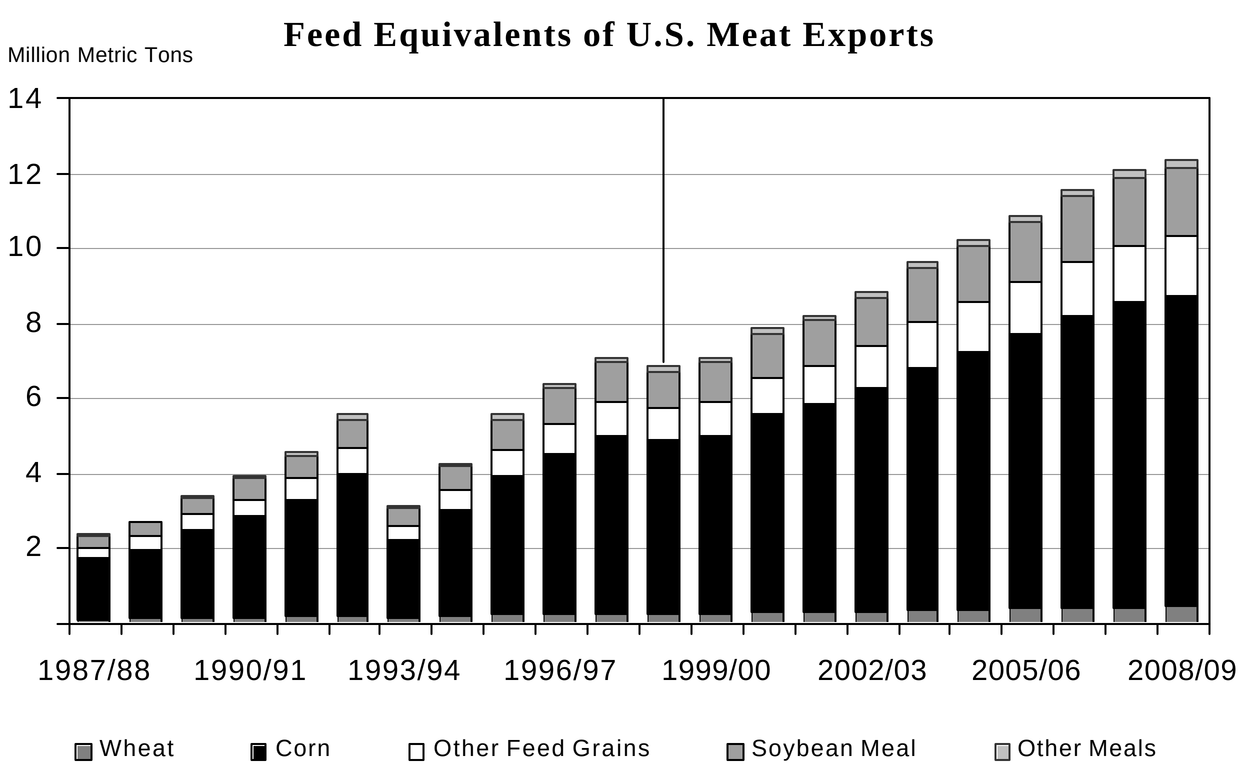


Billion Dollars
Value of U.S. Agricultural Exports
80
70
60
50
40
30
20
10
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Animals and Animal Products
Grains and Feeds
Oilseeds and Products
Cotton
Other Products



Million Metric Tons
Quantity of U.S. Agricultural Exports
200
180
160
140
120
100
80
60
40
20
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Animals and Animal Products
Grains and Feeds
Oilseeds and Products
Cotton
Other Products


Value of U.S. Animal and Grain Exports
Billion Dollars
25
20
15
10
5
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Animal and Animal Products
Grains and Feeds


Feed Equivalents of U.S. Meat Exports
Million Metric Tons
14
12
10
8
6
4
2
1987/88
1990/91
1993/94
1996/97
1999/00
2002/03
2005/06
2008/09
Wheat
Corn
Other Feed Grains
Soybean Meal
Other Meals