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The Doha Round of the World Trade Organization: Appraising Further Liberalization of Agricultural Markets

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Abstract

Using the Food and Agricultural Policy Research Institute (FAPRI) modeling system, we investigate the multilateral removal of border taxes and farm programs and their distortion of world agricultural markets. We find that agricultural and trade distortions have significant terms-of-trade effects. Terms-of-trade effects caused by trade barriers are much larger than those caused by domestic farm programs. World trade is also significantly impacted. Trade expansion is substantial for most commodities, especially dairy, meats, and vegetable oils. Net agricultural and food exporters, such as Brazil, Australia, and Argentina, emerge with expanded exports, whereas net importing countries with limited distortions before liberalization are penalized by higher world market prices and reduced imports. The United States gains significant export shares in livestock products and imports more dairy products. Without protection and domestic subsidies, the European Union loses many of its livestock and dairy export markets. The increase in world market prices would offset at least a portion of the subsidies foregone by U.S. producers.

Keywords: Doha Round, domestic farm program, liberalization, partial equilibrium, trade distortion, World Trade Organization.

THE DOHA ROUND OF THE WORLD TRADE ORGANIZATION: APPRAISING FURTHER LIBERALIZATION OF AGRICULTURAL MARKETS

Introduction

Many developing countries became disappointed with the limited accomplishments achieved by the Uruguay Round Agreement on Agriculture (URAA) of the World Trade Organization (WTO). This disappointment led them to express their concerns during the agricultural agenda debate preceding the Doha Declaration of the WTO (Kennedy et al. 2001; Matthews 2002; WTO 2001). These concerns were largely reflected in the policy challenges included in the Doha Declaration. The first concern is that there is a lack of market access in high-income countries. Tariff rate quotas (TRQs) and other trade barriers block access to markets in which developing economies are competitive (Anderson et al. 2001; Martin and Winters 1996). The lack of market access constrains trading opportunities for exporting developing-country members. It is important to keep in mind that many developing countries, especially net-importing ones, have also kept high border distortions, a fact that is sometimes overlooked in the current policy debate. Hence, this first contention about the lack of market access shows the heterogeneity of interests among WTO members, and even among developing-country members.

A second contention is that agricultural subsidies in high-income countries gained through domestic farm and trade policies depress world market prices. Exports from some of the high-income countries are subsidized explicitly or implicitly through production subsidies and are often “dumped” on world markets. The objective of income transfer to domestic farmers is not in question; rather, the argument is with the way this is accomplished using coupled policies, which frustrates the mercantilist aspirations of competitive exporting partners on world markets. The international political economy of these domestic programs is interesting. Many developing countries do not have the fiscal resources to sustain such domestic farm programs; alternatively, they tend to use border

measures to protect their farmers when they are pressed to do so politically. These border measures are blunt ways to subsidize agriculture: they harm poor consumers and potentially depress world prices.

Among developing countries, policy interests also are heterogeneous. Some countries, such as Brazil and Argentina, are natural exporters of many commodities; they would benefit from trade liberalization and a multilateral removal of domestic farm programs. By contrast, some net-importing countries, such as Egypt, actually benefit from depressed world prices and the resulting cheaper food imports. Many countries fall in between these two extremes, importing some commodities and exporting others with varying degrees of domestic or border distortion. Again, the range of policy interests is large, extending beyond a unified front against E.U. and U.S. farm policies. The Doha Declaration was eventually agreed upon and the agricultural component of the document includes objectives directly addressing greater market access, reductions of export subsidies, and substantial reductions of trade-distorting domestic support (WTO 2001).

Beyond the ruckus of the negotiations, it is important to note that even with the URAA nearly fully implemented, heterogeneous market interventions in high-income economies still distort resource allocation and trade in agriculture. European countries rely heavily on export subsidies and domestic support (Tangemann 2001). The United States has been increasing domestic production subsidies to implicitly subsidize crop exports. Both the European Union and the United States have kept prohibitive border measures that protect domestic sugar and dairy. Net-importing, high-income Asian countries (e.g., Korea and Japan) use prohibitive border measures to protect their agriculture and some food sectors. Developing countries exhibit a heterogeneous set of policies, but when they subsidize their farmers, they often rely on strict border measures when they are less competitive but successful rent seekers. Overall, the scope for relocation of production, efficiency gains, and terms-of-trade effects remains in agriculture, and it is worth asking what would happen in unfettered agricultural and food markets.

This report describes an investigation that uses the FAPRI modeling system to analyze the impact of trade and farm policies on world trade flows, prices, and market equilibrium. The analysis considers two scenarios. The first represents a removal of “all”

distortions directly affecting agriculture (domestic farm programs and border measures, e.g., TRQs and tariffs), hereafter referred to as full liberalization. In the second scenario, only trade liberalization (the elimination of border measures) is implemented. This second scenario, although somewhat contrived, allows us to gauge the respective contribution of each type of distortion (domestic versus trade) on terms of trade and market outcomes (such as trade flows and location of production). We hereafter refer to this scenario as trade-only liberalization.

With these two scenarios, we assess the policy claims mentioned in the previous sections and elucidate on the empirical evidence contested between the developing members and high-income members of the WTO. We also identify outcomes for clusters of developing countries (including high-protection countries, net-importing countries, net exporters, and low-protection importing countries). We quantify the impact of trade and domestic agricultural distortions on terms of trade, trade flows of developing economies and their partners, and location of production. We consider the removal of tariffs and TRQ schemes, export subsidies, and output and input subsidies affecting production decisions for all major players in these markets. The modeling approach covers all temperate crops, many livestock products, poultry, and dairy products, for more than 25 countries including all major exporters and importers in these markets.

Our report contributes to the new literature analyzing agricultural negotiation issues in the Doha Round of the WTO (Beghin, Roland-Holst, and van der Mensbrugghe forthcoming; Burfisher 2001; Diao, Roe, and Somwaru 2002; Francois 2000; Hoekman and Anderson 2000; and World Bank 2001). The departure of our analysis from the literature resides in its unique coverage of countries, rich disaggregation of commodities, and in the incorporation of the most recent policy information within a realistic baseline.

The limitations of the analysis are numerous. First, the FAPRI modeling system is not well suited to analysis of economywide trade liberalization. The analysis does not take into account feedback effects from potential trade liberalization in other sectors such as textiles or food processing. Hence, the report addresses in depth a more specific but nonetheless interesting agricultural policy question. Second, the removal of some policies tests the limits of the modeling approach. Supply responses have to be assumed in markets currently constrained by supply management schemes in order to show what would happen when these schemes are removed. No one knows the “true” magnitude of these future supply responses. Furthermore,

this analysis should be viewed as an academic exercise where the objective is to observe the results generated with the FAPRI modeling system. If FAPRI were asked to examine the same issues for policymakers, the institute would seek further comments from industry experts and would make appropriate revisions to the analysis in light of the information obtained. The paper points out some of the results most likely to induce disagreement among agricultural policy experts.

The remainder of the report presents the policy scenarios, the major assumptions incorporated into the FAPRI model, the baseline used in the investigation, and the simulation results. This is followed by concluding comments. Appendix A gives tables with results under the full liberalization scenario. Appendix B gives tables with results under the trade-only liberalization scenario.

Policy Scenarios and Baseline Assumptions

Scenarios

We start from a reference baseline or a business-as-usual scenario, which is the 2002–2011 baseline established for the *FAPRI 2002 World Agricultural Outlook* (FAPRI 2002). This baseline incorporates most major actual policies and policy commitments such as the URAA, the Berlin Accord on Agenda 2000 reforms to the E.U. Common Agricultural Policy (CAP), the 1996 U.S. Federal Agriculture Improvement and Reform (FAIR) Act, and China's accession to the WTO, as will be explained in more detail. However, as the baseline was prepared in January 2002, it does not incorporate provisions of the U.S. Food Security and Rural Investment Act, but rather, it assumes a simple extension of 1996 farm legislation. The baseline also includes important macro policy developments such as Argentina's current crisis.

The FAPRI baseline assumes that all government programs and international agreements currently in effect will remain in place over the period. The baseline includes most major policy changes that occurred recently and are currently in place. Specifically, China became a member of the WTO in December 2001, followed by Taiwan in January 2002. China implements a "tariff only" regime in livestock. Tariff rates for fluid milk, skim milk powder (SMP), whole milk powder (WMP), cheese, and butter are reduced by about 55 percent in three equal steps. For wheat, corn, and rice, in-quota tariffs are set to 1 percent throughout the baseline, while the out-of-quota rate is 71 percent in 2002/03,

decreasing to 68 percent in 2003/04. TRQs for grains increase in two equal increments and are held constant beginning in 2004/05. TRQs for soybeans, rapeseed, and palm oil increase annually until eliminated in 2006. The in-quota rate is 9 percent while the out-quota rate is 52.4 percent.

The baseline also includes provisions of the 1996 FAIR Act. Although the FAIR Act included provisions only through 2002, these provisions are extended at 2002 levels to the end of the baseline period. Loan rates are fixed in the baseline at the maximum levels allowed, and the Export Enhancement Program, though available, is not used in the projection period. The baseline assumes no emergency spending package for 2002 or thereafter. NAFTA (North American Free Trade Agreement) provisions are included in the FAPRI baseline. Tariffs on cereals and sugar have been decreasing and will be phased out by 2008. Mexico has been flexible with the management of its meat TRQs to accommodate demand for imports.

Regarding the E.U. CAP, the provisions of the Agenda 2000 reforms are implemented in the baseline as outlined in the Berlin Accord, including the dairy sector reforms from 2005 to 2007. The CAP reform decreases the intervention support price for cereals, beef, and dairy, and producers are compensated with higher direct payments. Commercial cereal and oilseed producers are required to set aside 10 percent of their area. The set-aside program is accompanied by intervention prices (€101.3 per metric ton) and by compensatory payments for grains (€63 per metric ton based on reference yields). Starting in 2002/03, the compensatory payments are the same for grains and oilseeds. A voluntary set-aside program, in which farmers are allowed to set aside area above the 10 percent threshold, is also accounted for in the model. Although interrupted by the recent Bovine Spongiform Encephalopathy (BSE) crisis, Agenda 2000 reforms in the beef regime will continue. Several temporary support schemes were introduced, including Purchase for Destruction, which was later replaced by the Special Purchase Scheme, in effect until the end of 2001. The Over Thirty Month Slaughter (OTMS) Scheme in the United Kingdom is scheduled for termination by 2002. Only private storage aid and a safety net intervention at a low price of €1,560 per metric ton is envisioned in the long run. The pre-Berlin Accord E.U. milk quota system is retained under the new regime. Quotas are increased by an average of 1.5 percent over the three-

year period beginning in 2005. Butter and SMP intervention prices are reduced by 15 percent in three equal steps beginning in 2005.

Among the multilateral trade agreements, the URAA of the WTO has had the largest impact on agricultural trade, with provisions for developing members being implemented until 2004. After 2004, all WTO provisions are held constant until 2011/12 in the baseline run.

The two policy scenarios are then presented in deviations from this baseline. FAPRI (2002, pp. 28-35) provides a detailed list of policies incorporated in the baseline that are changed in the two scenarios. Tables A.1 and A.2 summarize the main policy changes considered in both scenarios for selected countries. All policy changes are assumed to occur simultaneously and instantaneously beginning in 2002.

The first scenario, the full liberalization scenario, investigates the removal of all agricultural distortions: domestic farm programs and border measures—including all TRQ schemes, tariffs, and direct export subsidies such as in the E.U. CAP. The second scenario, the trade-only scenario, considers the removal of border measures only. With this latter scenario, we can assess the contention that domestic programs depress world market prices. The scenario raises the issue of how domestic programs would hold in the absence of border restrictions. For example, dairy policies in many countries rely on border protection to maintain domestic prices above world prices but also above some reference price floor. For the domestic program in the European Union, we assume that with the removal of the border measures, the domestic price floor eventually would be reached as domestic prices fall. If trade liberalization results in market prices falling below current domestic price floors, we assume that governments would make payments to producers in an amount equal to the difference between the current domestic price floor and the market price (in many respects, this would be similar to the manner in which the U.S. loan deficiency payment program operates). Again, the objective is to identify the relative contribution of trade and farm policies. Other assumptions are also plausible.

In dairy markets, the removal of domestic policies includes the following by country: in the European Union, elimination of intervention for butter and SMP, and the removal of milk production quotas; in Canada, removal of milk marketing quotas and support prices for milk, butter, and SMP; in the United States, elimination of milk support prices and Commodity Credit Corporation (CCC) stocks for butter and SMP; in Hungary, Japan, and

Slovakia, elimination of milk marketing quotas; and in Poland, elimination of milk marketing quotas, milk support prices, and intervention stocks for butter and SMP.

In the meat market, limited TRQs, high border duties, subsidized exports, and price support intervention schemes are employed by many countries to protect their domestic producers. For example, with limited productive potential in meat, many Asian countries protect their domestic producers primarily with high border duties. All these were dropped to zero in the full liberalization scenario, including, among others, the 38.5 percent beef duty and the specific duty implied by the “gate price” policy of pork in Japan, and the 40 percent beef duty in South Korea and the Philippines. Accession to the WTO by China and Taiwan is already in the 2002 baseline; their respective duties for meats, which are dropped in the full liberalization scenario, are 12 to 20 percent and 12 to 15 percent. South America, a natural exporter of meat, has a zero duty for intra-MERCOSUR (the Common Market of the Southern Cone of South America) trade, which is the dominant share in their meat imports. Policy changes for the European Union include removal of TRQ, out-quota duties, and subsidized exports. Also, the E.U. beef intervention scheme is terminated, with its stocks released to the market.¹ Canada’s poultry TRQ and out-of-quota duties in poultry are removed.

For rapeseed production in the European Union under the full liberalization scenario, our analysis assumes that the industrial rapeseed production on the set-aside land is cancelled and the set-aside land is returned to regular production. Without subsidies, it is assumed that crush demand for industrial rapeseeds is eliminated. The assumptions on the liberalization of the domestic market for the E.U. sunflower sector are similar to those of the rapeseed sector. The demand for sunflower oil is reduced by the quantity of oil produced from sunflowers grown on set-aside area in the baseline. This, however, covers only about 50 percent of the industrial oil consumption. Therefore, our analysis assumes that 50 percent of the baseline industrial oil consumption is an unsubsidized market demand. All barrier protection and domestic support policies that affect the world grain markets are eliminated, including the E.U. set-aside program. We assume that the mandatory set-aside program is removed. When exemptions for small farms are taken into account, the mandatory set-aside area represents 7.6 percent of the total potential cereal and oilseed area that is released for production under the no-barrier scenario. The removal of support to rice farmers also is

an important feature in our scenario. Rice is not part of the set-aside program. The E.U. policy regime includes a mix of intervention prices, tariffs, export subsidies, and direct payments, which results in domestic prices that can be twice as high as world prices. All of these domestic programs, as well as border protection and export subsidies, are eliminated in the full liberalization scenario. This results in lower returns for grains and a more straightforward link between E.U. domestic prices and world prices. Two forces are thus at play in the full liberalization scenario. The removal of the set-aside area leads to a significant potential increase of the total E.U. crop area while at the same time crop returns are reduced because of the removal of trade protection and domestic support. The set-aside area has lower yield potential than does current planted area, thus limiting the impact on supply of the removal of the set-aside program. Although it is difficult to get a precise idea of the magnitude of the yield differentials, we try to capture this in the scenario by assuming lower yields (10 percent lower than the baseline projection for all crops) on the area that returns to production.

As for grains in China, we include TRQs reaching 7.2 million metric tons (mmt) in corn, 5.3 mmt in rice, and 9.6 mmt in wheat with in-quota rates of 1 percent and out-quota rates of 68 percent. In-quota imports of wheat, corn, and rice are already subject to a low 1 percent tariff. The elimination of the TRQ system in the full liberalization scenario thus has a limited direct impact on Chinese grain imports. In addition to border protection, procurement prices for wheat, corn, and rice also are eliminated. This impacts significantly the Chinese farm price for these commodities.

Mexican corn farmers are still protected under the NAFTA regime by a combined system of TRQ and tariff but with a phasing out of tariffs by 2007. This significantly impacts the balance between corn and sorghum in Mexican imports, as sorghum is already liberalized. The NAFTA tariffs are brought back to zero as of 2002.

India has used export subsidies widely in recent years to reduce its large amount of stocks. These export subsidy programs are terminated in both scenarios, leading to higher net imports of grains by India.

On the U.S. crop side, domestic farm policy is administered through two main channels: price-conditioned payments (loan deficiency payments [LDPs]) and so-called fixed (decoupled) payments based on historical production on an individual farm. Under LDP programs, producers receive the difference between the set price (loan rate) and the actual

price. Therefore, the amount of support differs for different crops depending on the level of the loan rate for an individual crop. In the baseline, soybeans, cotton, and rice are the only crops for which LDP programs provided any benefits. These are the crops that experience a decrease in area when exposed to international market prices in the full liberalization scenario given a reduction in marginal production incentives.

The international cotton trade is relatively free, but domestic markets are distorted in many countries. While cotton trade is relatively free, textile and clothing trade is highly distorted. Our analysis does not consider textile and apparel liberalization. We consider the following domestic distortions. In the European Union, under the CAP, support payments are made to ginneries who are required to pass the subsidy on in the form of higher prices to growers. In the United States, LDPs and production flexibility contract (PFC) payments are paid to cotton growers. Other payments to growers include export and consumption subsidy programs known as Step 2. U.S. cotton producers are expected to receive a total of U.S.\$3.7 billion in government subsidies in 2001/02. In Turkey, all growers are entitled to a premium payment calculated on the basis of seed cotton deliveries to either cooperatives or private gins. The Turkish government support was U.S.\$106 million in 2000/01; it has been reduced to U.S.\$59 million in 2001/02, as the premium was lowered from U.S.\$90 to \$50 per metric ton of seed cotton. In Egypt, the government disbursed U.S.\$20 million in 1999/00 in order to pay for the difference between selling and purchase prices. Support increased to U.S.\$23 million in 2000/01. It is estimated that the government of Egypt will offer the same amount of support this season. In Brazil, for 2001/02, the government has set a support price of U.S.\$0.0396 cents per pound. Finally, in Mexico, assistance to growers was given in 2000/01 at a rate of U.S.\$194 per hectare, for a total of U.S.\$14 million in government assistance.

Modeling Approach and Further Assumptions

The FAPRI modeling system is a multimarket, world agricultural model. The model is extensive in terms of both its geographic and commodity coverage. Functionally, the modeling system is organized into modules according to major commodity groupings—grains, other crops, oilseeds, livestock, and dairy—with country submodels. The system captures important linkages between dairy, livestock, grain, and oilseed markets. Feed

prices impact dairy and livestock supply decisions, and animal inventories have an impact on milk and meat production. Both dairy and livestock animal numbers are used to determine demands for feed, which ultimately influence feed prices. Oilseed markets are linked to livestock markets through oilseed meal demand. Vegetable oils are substitutes in consumption and compete in final consumption for consumers' income.

The FAPRI model solves for world prices by equating excess supply and demand in the world market. As explained in the scenario section, the FAPRI model is driven by two major groups of exogenous shifters. First, policy instruments are parameterized in the model and can be altered for policy analysis. Second, the model incorporates forecasts of macroeconomic variables, such as gross domestic product, inflation rates, exchange rates, and population. For each scenario, policy parameters are changed and a new baseline is computed for the outlook period. The two trajectories are then compared.

Results

Results are reported as average annual changes over the outlook period (2002–2011) in deviation from the baseline, unless otherwise noted. Tables A.3 through A.46 show the principal results regarding prices, trade, production, and consumption for the full liberalization scenario for each year of the outlook period. The average annual change is reported in the last column of each table. Corresponding information for the trade-only liberalization scenario is given in Tables B.1 through B.44.

Grains

Wheat. The wheat price (U.S FOB Gulf) is up 4.8 percent in the full liberalization scenario (removal of all distortions) and 7.6 percent in the trade-only liberalization scenario, relative to the baseline (Tables A.3 and A.4). World net trade increases by 7.9 percent following the removal of all distortions and by 5.0 percent with trade liberalization alone. Under this scenario, the increase in world price is tempered by larger E.U. and U.S. net exports and to a lesser extent by larger exports from Russia, Canada, and Argentina. A different picture emerges with the removal of all distortions. The removal of set-aside requirements in the European Union frees a much larger expansion of E.U. wheat and induces a substantial increase in E.U. wheat exports of 6.4 mmt. Russia's export expansion under the full liberalization scenario withers to a modest 3.7

percent increase because of the more moderate relative price increase, and Canada and Argentina still expand their wheat exports relative to the baseline. To a lesser extent, Australia increases its exports under both scenarios.

The FAPRI baseline assumes that liberalization would force the E.U. price to follow the world price. The reduction in trade barriers causes the E.U. price to increase, prompting more exports. This is reinforced by a lower domestic feed demand in the European Union. The overall E.U. grain area increase is less than the area previously put into mandatory set-aside, suggesting that payments had been holding at least some land in production, all else being equal.

In Eastern Europe and Other Former Soviet Union (FSU) (all except Russia), the removal of tariffs leads to a decrease of net exports (Czech Republic, Ukraine) and an increase in net imports (Other FSU, Poland) under both scenarios. In the baseline, wheat imports in China were already subject to a low tariff within the TRQ, and no imports were projected beyond the TRQ. With world prices increasing under both policy reform scenarios, Chinese imports decrease in both scenarios.

Because of the removal of the export subsidy, Indian exports decrease and India becomes a net importer in 2003/04 with the full removal of all distortions (a year later with trade-only liberalization). The increase in net trade averages 3.9 mmt above baseline levels in the full liberalization scenario.

Corn. The corn price goes up by 5.7 percent with the removal of all distortions and goes slightly higher (6.2 percent) with trade-only liberalization relative to the baseline (Tables A.5 and A.6). World net trade increases by 3.5 mmt with the full removal of all distortions. With trade-only liberalization, net trade increases until 2008, and then falls slightly below baseline levels. The decrease in world net corn trade is driven by lower animal numbers in key countries, such as Japan, the European Union, and China. In both scenarios, the increase in the corn price is sustained by increased demand for feed in the United States and from other major (feed-intensive) exporters.

With trade-only liberalization, U.S. corn exports decrease but the feed content of U.S. meat exports increases. With the full removal of all distortions, U.S. exports expand by an average annual 2.9 mmt, with the increase peaking in 2004 at 5.7 mmt and then decreasing progressively over the remaining period.

As for China, net corn imports increase when all distortions are removed. The world price increases moderately, and the net effect of tariff removal and a higher world price induces an increase in imports and a decrease in domestic production. However, net imports decrease in the trade-only liberalization scenario. The drop in imports is due to the already low tariff in the baseline brought about by WTO accession, a higher world price, and lower animal numbers.

With both policy reform scenarios, and despite lower animal numbers and a higher world price, E.U. imports increase because of a much lower return for farmers. Current policies sustain E.U. corn prices at a greater premium compared to world prices than E.U. prices for other grains. The average annual increase in E.U. corn imports is 1.7 mmt under the full liberalization scenario.

The impact of this scenario on Mexican imports is the strongest in the first half of the projection period when the NAFTA tariff is still important. As this trade barrier vanishes over time in the baseline, Mexican trade is impacted only by the world price and increasing animal numbers. Corn imports increase by an average of 900 thousand metric tons (tmt) annually in the full liberalization scenario.

Rice. The increase in world rice prices is the highest among the grains. Under the full liberalization scenario, the price for rice goes up 10.3 percent on average compared to the baseline and it goes up a bit higher in the trade-only liberalization scenario (10.6 percent) (Tables A.7 and A.8). This price increase can be explained by high tariffs on rice and a thin and reactive world market.

Rice trade increases by around 29 percent in the full liberalization scenario and by 27 percent with trade-only liberalization. Trade barriers are the main driver in the rice market. Most of this trade increase is captured by China, India, and Vietnam, followed by Thailand. Under the full liberalization scenario, U.S. exports decrease by an average of 98.3 percent, eventually turning the United States into a net importer as domestic support for rice vanishes.

The removal of tariffs and other trade barriers in Japan, Korea, the Philippines, and the Rest of World (ROW) leads to higher imports despite higher world prices. Brazilian imports decrease as a result of the higher world price. As Brazil is the main export market for Argentine rice, Argentine exports decrease compared to the baseline in both

scenarios. The latter outcome results from the specific grain trade flow between the two neighboring countries.

As for the European Union, the removal of border protection results in a significant increase in both consumption and stocks. When intervention prices and direct subsidies are still in place, consumption is driven up by the decrease in price while area remains roughly at its baseline level. Trade-only liberalization thus results in an increase of both stocks and imports. Imports increase by an average of 700 tmt a year while stocks range from 1.3 mmt to 1.6 mmt (compared to below 0.8 mmt in the baseline). As rice production is not competitive on world markets, the removal of domestic support results in a drop in area. Rice area in the European Union thus drops dramatically from 400 to 25 thousand hectares. As a result, in the full liberalization scenario, E.U. imports range from 2.2 to 2.6 mmt, supplying most of the E.U. consumption.

Oilseeds

Soybean Complex. Soybean world price increases by an average of 3.1 percent in the full liberalization scenario relative to the baseline (Tables A.9 through A.14). The price increase is stronger in early years and tapers off in later years. In the trade-only scenario, similar patterns emerge, and the average price increase is 2.8 percent for the decade. The removal of price supports in the United States, South Korea, and Japan boosts the price another 0.3 percent annually (relative to the trade liberalization scenario). In the conclusion section, we revisit this last finding, which is quite important in the context of the WTO debate.

Soybean world production remains virtually unchanged, but the full-liberalization scenario causes shifts in production and processing locations. The liberalization of world soybean trade causes Argentina and Brazil to expand their areas. Natural importers with tariffs to protect domestic production, such as China, Japan, and India, reduce their production and crush. India did not import soybeans during the baseline period.

The loss of domestic support reduces the U.S. soybean area by 4.2 percent in 2002/03. As the loan rate becomes less important relative to price, the area reduction becomes smaller; in 2011/12 it is only 1 percent compared to the baseline. Brazil expands its production by an average of 3.5 percent. Of this 1.8 mmt production expansion, about 1 mmt is crushed domestically and 0.8 mmt is exported. Brazil also consumes more meal

(7.3 percent); the additional domestic production does not cover this increase entirely, and meal exports are reduced slightly (0.7 percent). Because of the increase in the soybean oil price, domestic consumption goes down slightly (0.3 percent). Together with the increased supply, this boosts Brazilian soybean oil exports by 11 percent.

The opening of soybean markets through trade-only liberalization has similar impacts on the Brazilian market, with a slightly smaller impact on area and production (2.8 percent). Hence, the multilateral elimination of farm programs has a small effect on Brazilian production.

In contrast, in Argentina, the additional production of 1.2 mmt in the full liberalization scenario is exported entirely. The removal of the export tax mostly boosts bean exports in Argentina. The main policy impact in Argentina is from the tariff and export tax removal; the domestic support removal has only a small effect. Soybean area and exports respond only slightly to the soybean price increase caused by the reduction in U.S. supply. Changes in utilization and trade of soybean meal and oil are also insignificant. Comparing the impacts in Brazil and Argentina, the former would alter its export composition in favor of value-added products (oil) while the latter would do the opposite and export more primary commodity exports (beans).

China's soybean production and demand from crush under the full liberalization scenario is slightly reduced, leading to marginally lower imports of beans (down 0.1 percent). On the meal side, production is reduced and utilization expands because of lower domestic prices, so more imports (32 percent) are needed. The Chinese oil sector exhibits similar patterns, as domestic consumers use more of a cheaper product and oil imports are increased (6 percent). Under the trade-only liberalization scenario, China decreases its area by 1.7 percent and its crush consumption by 0.2 percent. The reduction in production is larger than the slowdown in crush, leading to higher imports of beans. Soybean meal production is reduced and use expands, so more imports (22 percent) are needed. In the soybean oil market, more of a cheaper product is consumed and imports are increased.

The full liberalization scenario reduces the Japanese soybean production significantly (16.3 percent), but the impact on crush consumption (down 2.4 percent) and imports (down 1.9 percent) is limited given the small level of Japanese production relative to consumption. A higher soybean world price in the trade liberalization scenario is the dominant factor for

Japan; imports fall about 2 percent because of reduced crush demand (lower crush margin). When Japan's domestic subsidies are removed in the full liberalization scenario, its area is reduced by 16.6 percent relative to the trade liberalization scenario. The main impact on the Japanese meal sector is from the tariff reduction, which reduces livestock production and increases meal prices so that Japanese feed demand for soybean meal is reduced by 3.8 percent and imports decline by 10.8 percent. The removal of domestic support results in lower production and higher feed demand than in the scenario focusing only on border measures. Trade liberalization and removal of domestic support have opposing impacts on the Japanese soybean oil market, with trade liberalization having the dominant effect. Trade distortion removal leads to lower prices and higher consumption and imports, but the elimination of domestic subsidies partially reverses these changes.

Korea is the other Asian country with strong domestic support for soybeans. Overall, production falls by 23 percent, and utilization decreases 9 percent, leading to an 11 percent increase in imports. World trade liberalization plays only a small role, decreasing imports by 1.7 percent because of a lower crush demand (lower crush margins). The removal of all distortions reduces domestic production (by 23 percent), leaves crush almost constant, but increases domestic food consumption. This results in a 13 percent increase in imports. The soybean meal and oil sectors are less affected by trade and subsidy eliminations. Korea experiences a small substitution of domestic production with imports of both products (3 percent).

World exports in meal decrease because the United States and Brazil consume more domestically, and Argentina and India crush less. Consumption decreases in most importing countries (European Union, FSU, Eastern Europe, Japan, Korea, Taiwan), lowering their imports. Total world production and consumption increase slightly (0.4 percent). Trade-only liberalization boosts world meal production and consumption; the removal of all distortions depresses them.

World trade in oil increases by 4.8 percent in the full liberalization scenario. China, Japan, India, Korea, FSU, Eastern Europe, and ROW import more (due to substitution of domestic production), while the United States and Brazil export more. Argentina's production and export contract, because its crushing industry loses protection from the export tax on beans.

Rapeseed Complex. The total E.U. rapeseed area (food and industrial) decreases by 21 percent, and total crush is reduced by 25 percent in the full liberalization scenario (Tables A.15 and A.16). These changes turn the European Union into a net exporter of rapeseeds for the first half of the outlook and reduce imports later on. In the trade-only liberalization scenario, rapeseed prices increase 8 percent, resulting in higher production and a decrease in crush. This reduces the European Union's import needs. The removal of all domestic distortions has a more severe impact on this sector. Industrial rapeseed production on the set-aside land and its crush are eliminated; the set-aside land is returned to regular production, and area subsidies are cancelled, decreasing returns of rapeseed by 25 percent with respect to the trade-only liberalization scenario. These assumptions result in a 21 percent reduction in area, a 23 percent crush decline, but a 58 percent increase in net trade (relative to the trade liberalization scenario). Net exports expand because despite the reduction in total area, the food rapeseed area is expanded by 1.2 percent out of the former set-aside area (relative to the trade liberalization scenario). This increases food production relative to domestic demand.

The E.U. rapemeal sector also is severely influenced by the changes in rapeseed because industrial crush residue that could be used as feed is no longer available. The cancellation of the industrial oilseed program reduces E.U. rapemeal output by about 1 million tons (Tables A.17 and A.18). Trade-only liberalization causes just a moderate reduction (3 percent) in rapemeal production. In the full liberalization scenario, meal production is reduced by 20 percent, consumption shrinks by 1.9 percent, leaving the need for more imports (215 percent).

On the E.U. rapeseed oil side, production is exogenously reduced by the amount of the industrial production. Consumption is decreased by the same amount. This covers all of the industrial oil demand in the baseline (we assume no unsubsidized industrial demand for rapeseed oil). Since the crush margin is reduced, food oil production decreases as well. As a result, oil exports are lowered by 11.6 percent. Trade liberalization is the dominant influence on E.U. oil trade. Oil production falls (with a lower crush margin because of the falling meal price) more than does utilization (higher price), reducing exports by 13 percent in the trade-only liberalization scenario.

The removal of domestic distortions influences world price only slightly, leaving trade almost unchanged compared to the trade-only liberalization scenario. All traditional

rapeseed exporters expand area, benefiting from the higher world market prices. The ROW (an importer with a low tariff) has a higher domestic price and increases area. India and China lose rapeseed acreage because of lower domestic prices.

Crush margins fall in countries that have protective tariffs on rapeseed meal and/or oil (European Union, FSU, and Japan) and their crush consumption falls. As a result, the FSU exports more rapeseed and the European Union and Japan import less. Canada and Australia's additional production goes mostly into exports. China decreases domestic production by 0.6 percent but increases crush 0.8 percent, requiring 8.5 percent of additional imports. India did not trade rapeseed in the baseline but averages imports of 287 tmt in the full liberalization scenario.

Domestic meal prices fall in all countries. Canada, India, and China increase their use of rapeseed meal; all other countries decrease their use (driven by animal numbers and cross-price effects). Rapeseed meal trade development is driven by the relative movements of domestic crush and use in the individual countries. World trade expands by 26 percent.

The rapeseed oil world price increases strongly (11 percent), driven by strong demand growth in India. Domestic prices fall in the FSU, Japan, and India, boosting their domestic consumption by 1.4 percent, 1.8 percent, and 11.9 percent, respectively (Tables A.19 and A.20). In all the other countries, consumption shrinks because these countries' domestic prices rise along with the world price. However, world consumption does rise by 0.7 percent.

The increased rapeseed oil demand in India and Japan requires additional imports of about 177 tmt and 53 tmt annually, respectively. E.U. exports shrink by 11.6 percent. Fewer imports by the ROW and China and additional Eastern European, Australian, and Canadian exports provide a market adjustment for rapeseed oil. The removal of distortions has a big impact on the Indian rapeseed complex: the domestic price falls by 26 percent, production decreases by 5.2 percent, the crush margin improves, and crush expands, resulting in imports. Domestic consumption of meal increases by 9.4 percent, and there is a trade reversal from export to import of meal. The domestic oil price declines 26 percent, while domestic consumption increases 12 percent. There is a small boost in oil production, and imports increase 364 percent. Almost all of these effects are

due to trade liberalization. Elimination of domestic policies in Europe, the United States, Japan, and South Korea amplifies the latter results slightly.

Sunflower Complex. The world sunflower price rises 4.3 percent in the full liberalization scenario (Tables A.21 through A.26). World production responds by increasing 1.2 percent, and crush consumption in the world rises 1.9 percent. Production and consumption locations shift in the scenario, causing a 21.7 percent expansion of sunflower seed trade in the world.

E.U. sunflower production decreases by 4.4 percent because of the elimination of trade and domestic distortions. Crush declines by 18 percent, reducing imports by 56 percent. The decreases in crush and imports are caused by trade liberalization. The aggregate reduction of tariffs is much more severe for oil than for meal, driving world oil demand up disproportionately. Crush responds to this increased oil demand and, because of the fixed-proportion technology, meal is “overproduced,” driving its price down. In the trade-only liberalization scenario, the sunflower price increases 4.7 percent, the oil price increases 7.3 percent, and the meal price drops 8.7 percent. Figuring in the elimination of tariffs in the European Union, the domestic crush margin decreases 33 percent, reducing crush by 14 percent.

As with the rapeseed sector, the elimination of domestic subsidies is assumed to result in the elimination of the production and crush of E.U. sunflowers for industrial purposes. The demand for oil is reduced by the resulting oil quantity, which covers only about 50 percent of industrial oil consumption. The remaining industrial oil consumption is assumed to be unsubsidized. While total sunflower area shrinks (4.6 percent) because of the elimination of industrial production on set-aside land, food area expands slightly (0.3 percent) (both relative to the trade-only liberalization scenario), because of the return of some set-aside area to regular production. Because the reductions in supply and demand are almost equal, the removal of all distortions does not have a significant impact on E.U. sunflower seed trade (down 0.4 percent) or the world price (down 0.5 percent) relative to the trade-only liberalization scenario. Because of the deterioration of the crush margin and removal of industrial production, sunflower meal production falls by 18 percent in the European Union. The domestic price falls along with the world price by 9.7 percent, boosting consumption by 2.9 percent. This requires 35 percent additional net imports of sunflower meal into the European Union. The trade-only liberalization scenario has a dominating influence in the sunflower meal market. The domestic price falls by 9 percent. Low crush margins cause production to decline by 14 percent. The elimination of

industrial oilseed production affects the sunflower meal sector less than it does the rapeseed meal sector; less than 100 tmt are taken out of the market.

Because of the deterioration of the E.U. crush margin and the elimination of the industrial crush, sunflower oil production falls by 18 percent. The increase in the world price (7 percent) is almost offset by the elimination of the tariff, but the domestic price still rises by 0.6 percent. Therefore, total E.U. consumption is reduced by the industrial share, but food consumption remains stable. Stable demand and falling production require imports to more than double (133 percent) in the full liberalization scenario.

Except for the reduction of about 4 percent in production and consumption due to the elimination of the industrial support program, the elimination of domestic support programs does not affect the sunflower oil sector significantly in the European Union. The changes are overwhelmingly caused by the trade liberalization.

World sunflower production changes according to the resulting movements of domestic prices. Production increases in Argentina and the FSU because of the increase in world prices. Countries with high tariffs (Eastern Europe, China, the ROW) have lower domestic prices and lower area when the tariff is removed. Overall, production increases profits from the increased demand and higher prices. Production locations shift from importers to exporters. The crush consumption increases in the ROW and Eastern Europe because of high tariffs on seeds. All other countries decrease their crush because of lower crush margins. The counties with lower production import more (the ROW) or export less (Canada, Eastern Europe).

Argentina and the FSU pick up the slack. These big exporters substitute raw material exports for domestic crush. The domestic prices of sunflower meal are depressed everywhere. Consumption expands in all countries except Eastern Europe, where animal numbers decrease 6.4 percent. The movements in meal trade depend on the relative magnitude of production and consumption: in Argentina, the decrease in crush is equal to meal production; the increase in use leads to lower meal exports. As a result, there is a shift into seed exports from meal exports. In the ROW, the corresponding response occurs: reduced area, and increased crush and seed imports. There is a shift into imports from domestic seed production and then fewer meal imports as domestic crush substitutes for imported meal. In the European Union, the

markets are characterized by less crush, fewer seed imports, and higher meal use, requiring more meal imports. This constitutes a shift into processed product imports from raw material imports.

Domestic sunflower oil prices in Canada, Eastern Europe, and the ROW (countries with high protection) fall, and so their domestic consumption increases. Eastern Europe and the ROW also produce more. The production gain outweighs the consumption increase, so they import less. China did not trade sun oil in the baseline; it becomes an importer in the full liberalization scenario. The traditional exporters export less oil; with reduced crush, they export more seeds. Overall, oil trade is down. Consuming countries shift into the trade of raw material and crush.

Peanuts. All countries except India and the United States face higher domestic prices because of the tariff elimination and domestic policy changes (Tables A.27 and A.28). World production expands by 1.2 percent and the world price climbs 19.2 percent. Nearly all of this rise in price is due to the tariff elimination. The termination of peanut support in the United States boosts the world price by only 2.3 percent relative to the trade-only liberalization scenario. World peanut area expands 0.6 percent, consumption rises by about the same amount, but world trade falls 14.4 percent. The reduction in trade is mainly due to the 78 percent falloff in U.S. exports (all relative to the trade-only liberalization scenario).

In the baseline, the U.S. peanut program consists of the domestic production quota, a high price support for the production under quota, and import restrictions administered through a TRQ. Peanuts that can be sold for edible uses (Segregation 1 peanuts) grown under the allotted quota poundage receive a guaranteed price floor that significantly exceeds the world price. Any peanuts grown outside of the quota (“additional” peanuts) cannot be sold for domestic edible consumption and must be exported or crushed to produce peanut oil or peanut meal. In the trade-only liberalization scenario, it is assumed that only Segregation 2 and 3 peanuts (non-edible use) can be imported. Because the domestic program targets primarily Segregation 1 (edible use) peanuts trade liberalization does not interfere with the program administration. As a result, the U.S. peanut imports fall to zero because the price support in the market for additional peanuts that cannot be marketed for domestic use in

food is set on par with the world price. In the trade-only liberalization scenario, this allows the U.S. to support a domestic peanut price that is significantly higher than the world price.

Because of higher domestic prices, all countries except India expand peanut area. Because Argentina does not have any tariffs, it can take full advantage of the world price increase, expanding its area by 11.2 percent. In absolute terms, China has the largest area expansion, growing 276,000 additional hectares. The high tariffs in India lead to a reduction in domestic price and production. Crush consumption is the dominant component of Indian peanut demand. Therefore, despite the lower domestic price, consumption decreases by 1.4 percent because the peanut crush margin is also reduced, depressing crush consumption. The production reduction outweighs the consumption decrease, resulting in lower exports (an 11.1 percent decrease).

China's domestic price increases 3.1 percent, and area expands by 1.0 percent. Domestic use grows 1.9 percent, resulting in a 24 percent reduction of exports. Domestic consumption expands despite the price increase because the crush margin improves by nearly 17 percent, boosting crush consumption by 3.4 percent. The increase in domestic consumption is larger than the production expansion, reducing peanut exports by 24 percent.

In the trade-only liberalization scenario, Argentina is the only country that increases exports. The other exporters, the United States, China, and India, either decrease their domestic production or increase their domestic consumption, resulting in lower exports. All peanut importers reduce their imports. Canada, Mexico, and the European Union have lower consumption because the increase in world price affects them directly. The ROW consumes more but also has a strong production increase because of the higher prices reducing the need for imports.

Palm Oil. The world palm oil price increases by 4.6 percent because of the removal of all distortions (Tables A.29 and A.30). Trade liberalization accounts for the entire price change. The cancellation of domestic supports for oil crops in the European Union and United States does not have any net impact on the palm oil price. Production expands in the producer/exporter countries (Indonesia, 1.4 percent; Malaysia: 1.1 percent). The consumption in these countries declines because domestic prices increase; therefore, exports increase more than production (Indonesia, 3.4 percent; Malaysia, 1.4 percent).

Domestic prices fall in the importer countries (China, India, and the ROW). Domestic consumption rises accordingly. The domestic price rises slightly in the European Union. Because prices of competing oils rise significantly more, consumption of palm oil increases marginally. Along with consumption, imports rise everywhere. World trade volume expands 2.1 percent. India has the strongest increase in imports (6.3 percent), corresponding to its removal of a high tariff. Overall, palm oil becomes cheaper for consumers in importing countries, and they consume more. Producers in exporting countries realize a higher price, and they produce more, but consumers in these countries, faced with the higher price, reduce their consumption, adding to the growth in exports.

Total world oilseed production falls by almost 900 tmt because of the elimination of E.U. non-food oilseed production, and an exogenous reduction in rapeseed and sunflower production. The reduction of about 2.3 mmt annually of E.U. rapeseed and sunflower production cannot be fully compensated by production expansions in other oilseeds. Correcting for this exogenous change, we find that the world production of soybeans, rapeseed, and sunflowers expands by 1.5 mmt. Soybean production expands 0.3 percent on average, accounting for about 700 tmt per year of additional production. Sunflower food production increases 480 tmt, a 1.9 percent growth. Despite the absolute decline in world rapeseed production of 4.5 percent, food production grows by 293 tmt, an increase of 0.7 percent. Because of lower baseline tariffs in the soybean sector, its production and price increase is lower than for the other seeds. Rapeseed and sunflower gain relative to soybeans, not counting the exogenous reductions in the European Union.

Total consumption of the major vegetable oils (soybean, rapeseed, sunflower, palm) falls nominally by 329 tmt on average. However, the exogenous elimination of the non-food sector in the European Union accounts for 961 tmt. Vegetable oil food consumption rises by 632 tmt, or 0.8 percent of total world consumption. This expansion of vegetable oil consumption is driven by lower domestic prices in many importing countries caused by tariff elimination. Palm oil captures the largest absolute increase, expanding about 247 tmt, followed by sunflower oil with 164 tmt. Soybean oil tariffs in the baseline are relatively low, limiting the growth in this sector to 130 tmt. Total rapeseed oil consumption falls, but food consumption rises by 90 tmt.

Cotton

With the removal of all agricultural distortions in the full liberalization scenario, world cotton prices increase about 15 percent above baseline levels (Tables A.31 and A.32). The United States suffers a substantial impact in this scenario as the loan program, step 2 payments, and export subsidies are removed. U.S. cotton production, consumption, and net export decline by 11 percent, 2 percent, and 13 percent, respectively.

The removal of all distortions also has a significant impact on E.U. cotton production and trade. E.U. cotton production falls by about 79.0 percent, and cotton net import increases by 143.1 percent. As world cotton prices rise, Africa, a large cotton exporting region, increases its cotton exports by 12.3 percent above baseline. Benefiting from both types of reforms, cotton exports from Uzbekistan increase by 5 percent in the full liberalization scenario. A similar story arises in the FSU. Both are natural exporters of cotton. In this scenario, China's cotton imports decline by 25 percent because of low protection assumed in the baseline with China's WTO accession. India cotton producers also benefit from the removal of distortions with the policy reforms. India's cotton net imports decline by 14 percent.

Under agricultural trade-only liberalization, nothing major happens in cotton markets. This result is in sharp contrast to what would happen with trade liberalization in textiles and apparel, which is a different issue. The world raw cotton market is generally liberalized, with only 2 percent of world imports in TRQs and 2 percent purchased by countries that apply tariffs. The world cotton price increases by about 4 percent compared to the baseline because of the removal of trade distortions. Importing countries with relatively higher duties removed increase their excess demand for cotton. These countries include Brazil, India, and Other Latin America. Importing countries with relatively lower duties removed (or duty free) slightly decrease their excess demand of cotton. These countries include China, the European Union, Turkey, Taiwan, and Japan. Major cotton exporting countries, such as South Africa, Uzbekistan, the United States, and Australia, increase their exports as world cotton price rises. Pakistan suffers the largest impact from trade liberalization because of the removal of its 15 percent duty. It becomes a net importer. Under trade liberalization, the U.S. farm price increases slightly less than the world cotton price. U.S. cotton exports also increase slightly.

Dairy

With the removal of all distortions in the full liberalization scenario, net trade of all dairy products (butter, cheese, SMP, and WMP) increases relative to baseline levels. Argentina, Australia, and New Zealand gain market share but would gain even more under trade-only liberalization. India is likely to gain significant market share in butter and SMP markets. The European Union loses market share in all dairy products compared to the baseline. E.U. butter and SMP exports decrease significantly as the elimination of milk production quotas and intervention buying results in lower milk production, lower domestic prices, less butter and SMP production, and more domestic consumption of all dairy products.

In the trade-only liberalization scenario, net trade increases for all dairy products except cheese. World dairy product prices increase by 27 to 34 percent. Canada becomes a net importer of all dairy products and is one of the countries that loses more market share under the scenario, but its consumers benefit greatly. Similar patterns emerge in South Korea, Japan, and Indonesia. The United States increases its imports of butter. However, it reduces its imports of cheese significantly and increases its exports of SMP. Still, under this trade-only liberalization scenario, the European Union loses market share in all the dairy products except SMP, in which it increases its exports by 5 percent. E.U. butter, cheese, and WMP exports decrease significantly because of the elimination of export subsidies and slight increase in domestic consumption. Domestic prices of these three products also decrease compared to the baseline, increasing domestic consumption. E.U. SMP is more internationally competitive than other dairy products, and so E.U. domestic SMP prices increase relative to prices for other products. The result is an increase in E.U. production of SMP, a reduction in domestic consumption, and an increase in E.U. SMP exports.

Butter. World butter prices increase by 39.6 percent with the removal of all distortions (about 33.4 percent with trade-only liberalization) (Tables A.33 and A.34). World total butter trade increases by 8.7 percent with the removal of all distortions (6.0 percent with trade-only liberalization). E.U. net exports decrease dramatically, by 96.4 percent (107 tmt) with some trade reversals occurring between 2003 and 2007. Trade-only liberalization also induces a sharp drop in exports (44.9 percent) due to the elimination of export subsidies.

The United States and Canada increase their imports of butter. U.S. and Canadian imports increase by 8.7 percent (47.8 tmt) and 2,033 percent (41.7 tmt) respectively, because of the removal of tariffs and domestic support. Trade-only liberalization induces the largest impact on these imports. Canadian butter imports increase as well, because of the removal of butter support prices, while U.S. net trade increases because of the elimination of CCC stocks and decreased domestic prices.

With the removal of all distortions, Argentina, Australia, and New Zealand increase their net exports of butter by 128.8 percent, 27.6 percent, and 9.1 percent, respectively. Most of the increase comes from trade liberalization (101 percent, 24.5 percent, and 6 percent, respectively), as these exporters take advantage of increased import demand from countries where high tariffs were in place. The removal of all distortions causes a sharp drop in E.U. butter exports and further expands trading opportunities for other exporters.

With trade liberalization, South Korean and Indonesian butter imports increase by 565 percent and 15 percent, respectively, because of the elimination of import tariffs. With the removal of all distortions, these imports decrease slightly because of higher world butter prices. Japanese imports increase under both scenarios, by 15 tmt in the removal of all distortions and by 13 tmt under trade-only liberalization. The major impact is explained by the elimination of both import tariffs and support provided through domestic milk marketing quotas, which accounts for the larger import penetration under the full liberalization scenario.

India becomes a net exporter in both scenarios—a trade pattern reversal, from about 20 tmt annual net imports in the baseline to 54 tmt net exports in the full liberalization scenario and about 17 tmt net exports for trade-only liberalization. This trend decreases over time with the largest changes occurring in the early years. The pattern is caused by higher world prices, decreased domestic consumption, and the European Union's diminished presence in the full liberalization scenario.

Under both scenarios, E.U. and U.S. butter consumers benefit from lower prices (down 6 percent and 21 percent respectively in the main scenario) while consumers in net exporting countries such as Australia and New Zealand are penalized by higher prices (up 27 percent in the full liberalization scenario).

Cheese. World cheese prices increase about 22 percent with full removal of trade distortions and by 28 percent with trade-only liberalization (Tables A.35 and A.36). World cheese trade increases 5.6 percent in the full liberalization scenario but decreases 4.7 percent in the trade-only liberalization scenario. Total trade starts to grow in 2010 under the trade-only liberalization scenario.

With trade liberalization, U.S. imports of cheese decrease by 65 percent because of increases in world and domestic prices, which reduce domestic consumption. This pattern is less pronounced in the full liberalization scenario, but cheese imports still decrease. While this model result is possible under all the assumptions of this analysis, it does not represent a consensus view on what would happen to U.S. cheese markets under full market liberalization. Issues include policy and market responses in the European Union and the substitutability of domestic and imported cheeses in the United States.

With trade-only liberalization, the European Union decreases net exports by 59 percent, although it continues to be a major cheese exporter. In the trade-only liberalization scenario, fixed milk production quotas and lower E.U. cheese prices but fixed producer support prices for butter and SMP result in reduced E.U. cheese production and higher E.U. cheese consumption. However, with the full removal of all distortions, E.U. net exports decrease much less, by only 40 percent, as the European Union uses more milk for cheese because of the elimination of intervention buying for butter and SMP.

Exports from Eastern Europe increase for Romania, the Slovak Republic, and the Czech Republic, while Poland's exports decrease. The quality of dairy products in these countries has improved, including in Poland. Hence, these predictions are tentative. Canadian and Japanese net imports increase by 64 tmt and 11 tmt respectively in the full liberalization scenario, because of the elimination of import tariffs. With the full removal of all distortions, Argentina and Australia increase their exports by 258 and 13 percent respectively because of the decreased domestic consumptions.

New Zealand exports increase by only 3 percent. Finally, the European Union cheese price decreases by 10 percent, while U.S., Australian, and New Zealand prices increase by about 4 percent, 13 percent, and 13 percent, respectively.

Nonfat Dry Milk. World SMP prices increase about 30 percent in the full liberalization scenario and by 28 percent with trade-only liberalization (Tables A.37 and A.38). World total SMP trade increases by 6 percent in the full liberalization scenario and by 12 percent with trade-only liberalization. The main source of the difference is the lower level of E.U. exports in the full liberalization scenario, as the elimination of intervention results in lower E.U. production and exports.

With the removal of all distortions, exports increase in Argentina (32 percent), Australia (29 percent), New Zealand (16 percent), and the United States (62 percent). Under trade-only liberalization, exports increase in Argentina (24 percent), Australia (26 percent), New Zealand (8 percent), and India (13 percent). Exports increase in the European Union and the United States by 4 percent and 48 percent, respectively.

With the additional elimination of intervention, E.U. net exports disappear. The difference in outcomes in the European Union is striking. Without domestic support and despite higher world prices, the European Union becomes a marginal exporter of SMP. Under both scenarios, Canada becomes a net importer, with import levels of about 46 tmt in the full liberalization scenario and 30 tmt in the trade-only liberalization scenario. Brazil decreases its net imports under trade-only liberalization by 76 percent and even becomes a marginal exporter with the removal of all distortions. Imports in South Korea and Indonesia increase under both scenarios (21 tmt and 14.8 tmt respectively in the full liberalization scenario), because of the elimination of import tariffs offsetting higher world SMP prices.

Domestic prices of SMP increase in the European Union (6 percent), Australia (28 percent), and New Zealand (28 percent) in the full liberalization scenario and by comparable magnitudes in the trade-only liberalization scenario (6.6 percent, 16.2 percent, and 16.2 percent, respectively).

Whole Milk Powder. With the removal of all distortions, world WMP prices increase by about 26 percent above baseline levels under both scenarios. World total WMP trade increases by 6 percent with the full removal of all distortions while with trade-only liberalization, aggregate WMP trade increases by 4 percent (Tables A.39 and A.40). Under the full liberalization scenario, exports increase in Argentina (16 percent), Australia (14 percent), and New Zealand (3 percent). Trade-only liberalization provides comparable export outcomes.

E.U. exports decrease by 13 percent with the removal of all distortions because of the elimination of export subsidies and intervention support for butter and SMP and other domestic programs. China becomes a net exporter of WMP. Its 37 tmt of net imports in the baseline become 126 tmt of net exports under full liberalization and 34 tmt of net exports under trade-only liberalization. This obviously is a large number compared to current levels. Future development of the Chinese dairy industry and trade negotiations will help assess this conjecture on expansion.

The E.U. WMP price decreases by 7 percent, while Australian and New Zealand prices increase 12 percent and 29 percent respectively under the full liberalization scenario. Trade-only liberalization brings comparable price changes.

Livestock Markets

In livestock markets, higher prices result from both scenarios, as tariff elimination results in an expansion in demand. Price impacts are smaller under the full liberalization scenario than under the trade-only liberalization scenario, as the lower feed prices in the full liberalization scenario reduce livestock production costs, stimulating livestock production. In the full liberalization scenario, the removal of beef intervention stocks in the European Union further limits potential livestock price increases in the short run. Some of the beef stock ends up in the export market, increasing the excess supply of beef. Consequently, the world beef price decreases in 2002 by 1.6 percent. This triggers a beef price path that reflects the cycles inherent in this sector.

World trade levels in both scenarios are higher than baseline levels. Over the 2002–2011 period, trade in all three meats increases; pork has the largest increase, at 28.4 percent, followed by poultry at 18.9 percent, and beef at 9.1 percent in the main scenario. Average trade levels in the trade-only liberalization scenario are almost identical, suggesting that the trade impacts of domestic programs on the meat sector are small.

Traditional exporters such as Argentina, Brazil, and the United States increase meat exports because of higher world prices. In the full liberalization scenario, E.U. exports increase slightly in 2002 as beef intervention stock is released to the export market. Thereafter, E.U. exports decline by around 500 tmt annually as support both in the beef and dairy sectors is terminated. Removing border distortions results in lower domestic prices in most high-cost exporting countries, leading to a reduction in domestic

production and an increase in domestic consumption of meat products. Importing countries (Japan, Korea, and the Philippines) increase their demand for meat products as domestic production declines, while consumption increases with the decrease in domestic prices resulting from the removal of border distortions. Some importing countries (e.g., Mexico and Hong Kong) with already low duties reduce their meat imports, as the increase in world prices more than offsets the reduction of their duties.

In the full liberalization scenario, the average annual increase in the Nebraska fed steer price is 3.8 percent, with the largest increases occurring in the early years of the baseline because of high excess demand together with lower excess supply. In the following years, buildup of inventory caused by the price increases eventually pushes the beef price down below baseline levels in 2007–09. The beef price rises again and ends at 2.8 percent above the reference level in 2011. In the trade-only liberalization scenario, the same patterns emerge, although slightly more pronounced. The pork price increases relative to the baseline throughout the simulation period, with an average annual increase of 10.3 percent. The broiler price (U.S. 12-city price) also increases throughout the simulation period, with an average annual increase of 7.46 percent above baseline levels.

Beef. U.S. beef sector exports increase by 626 tmt (average annual increase above baseline) (Tables A.41 and A.42). Other big “winners” are Argentina, with an expansion of 40.3 percent (135 tmt) and Australia, whose exports increase 9.5 percent (138 tmt). In the trade-only liberalization scenario, the export winners in the beef market remain the same, but the magnitudes of the export expansion differ, with Argentina at 35.0 percent, Australia at 7.9 percent, Brazil at 7.2 percent, and New Zealand at 4.4 percent. Except for the first year (2002), the U.S. is a net exporter throughout the simulation period, reaching a peak of 743 tmt in 2009.

The European Union loses significant market share, with a reversal of trade pattern from exporter to major importer starting in 2004. The average annual increase in E.U. net imports is 467 tmt above baseline levels. Under the trade-only liberalization scenario, E.U. net exports decline on average by 55.5 percent; however, no trade reversal occurs because only duties on imports and subsidized exports are eliminated but domestic support remains in place for beef and dairy sectors. Without

the current large government payments, E.U. beef production falls more dramatically in the full liberalization scenario. A significant number of beef cattle come from the dairy sector.

Under the full liberalization scenario, China increases its imports of beef by 165 tmt on average over the projection period. Japan and the Philippines increase imports of beef as their respective 39 percent and 40 to 44 percent duties are removed. Japan's imports increase by 20 percent (21 percent for the trade-only liberalization scenario) and the Philippines' imports increase by 72 percent (74 percent in the trade-only liberalization scenario). Mexico's beef imports decline by 18 percent in the full liberalization scenario (15 percent in the trade-only liberalization scenario) because its beef sector is already liberalized in the baseline and it faces a higher world beef price. The tariff-only scenario induces higher beef prices and higher feed prices.

Pork. Under the full liberalization scenario, aggregate exports of pork increase by 28 percent. Brazil, Canada, and the United States gain market shares in this sector, as their respective net exports increase by 61 percent, 41 percent, and 188 percent (Tables A.43 and A.44). With its very large domestic swine-pork sector, China increases its imports significantly with removal of a modest import duty (average annual increase of 311 tmt above baseline). This tendency is accentuated under the trade-only liberalization scenario because feed prices are higher. Chinese pork imports reach 725 tmt in 2011 in the latter scenario compared to 229 tmt in the baseline.

Removal of safeguard provisions limiting Japan's pork imports results in a 26 percent increase in pork imports relative to the baseline under both scenarios. With the removal of high tariffs, South Korea increases its imports by 77 percent above baseline levels. Mexico's imports decline by 11 percent as it faces higher world pork prices.

Poultry. The United States, Brazil, and Thailand make significant gains in the export market in both scenarios. Their net exports increase by 25 percent, 24 percent, and 42 percent respectively in the full liberalization scenario (Tables A.45 and A.46). Similar figures emerge for the trade-only scenario.

The removal of duties and subsidization results in a decline of 47 percent in net exports from the European Union. Net exports relative to the baseline drop to 459 tmt in 2011 in the full liberalization scenario.

The removal of prohibitive duties on imports outside the NAFTA TRQ turns Canada into a large net importer of poultry; it reaches 298 tmt in 2011 compared to 25 tmt in the baseline. Japan's broiler imports decline by 12 percent under both scenarios, as the removal of its already low duties is offset by the rise in the world poultry price. Also, much higher duties are removed in beef and pork, causing a drop in their relative prices and hence a decrease in poultry consumption. The removal of a 45 percent duty in the Philippines increases its imports, with totals reaching 216 tmt in the full liberalization scenario in 2011 compared to 86 tmt in the baseline.

Conclusions

Terms-of-trade effects are quite substantial but heterogeneous, with big and small changes. Most world prices increase under both scenarios, except for oilseed meals. Dairy prices exhibit the highest increases, followed by those in the meat and crops categories. A striking pattern is that the removal of domestic farm programs in aggregate does not have much impact on world prices with the exception of butter and cotton under free trade. Therefore, the contention that domestic farm programs depress world prices should be qualified carefully in light of this important result (much of which is due to the effect of set-aside on E.U. grain production).

Trade flows are significantly affected by both domestic and trade distortions. Domestic distortions have the strongest effects in dairy markets, in which protection and production subsidies are substantial in many countries. Other markets are also affected. Immense changes in trade occur in highly protected markets such as oilseed and oil markets in India and meat markets in the Philippines, resulting in big gains for consumers.

Significant production expansions occur in countries that are natural exporters, such as Brazil, Argentina, Australia, and other countries competing with the United States on world markets. Under both scenarios, there is a shift from feed-grain trade to feed-intensive, value-added product trade and to increased feed use among traditional meat exporters. Under both scenarios, the United States emerges as a major winner in terms of meat export markets. The removal of domestic programs mitigates the feed price increase brought about by trade liberalization alone and provides an additional stimulus to

livestock and poultry production. In addition to the United States, Argentina, Brazil, Canada, and Thailand expand their meat and/or poultry product and exports significantly.

Net trade of all dairy products increases under both scenarios except for cheese under the trade-only liberalization scenario. Argentina, Australia, and New Zealand expand exports. E.U. exports of all dairy products decrease drastically under the full removal of all distortions. The United States reduces its imports of cheese significantly under trade liberalization and increases its exports of SMP. Canada becomes a net importer of all dairy products under both scenarios because of the increased consumption and decreased milk production. Dairy producers in the European Union, Canada, and, to some extent, the United States lose from the removal of domestic programs.


Given the computed impacts in our full liberalization scenario modeling exercise, the U.S. livestock sector gains, as livestock prices increase (by 3.2 percent in beef, 10.3 percent in pork, and 7.5 percent in poultry) more than do feed prices (5.7 percent in corn and 3.8 percent in soymeal). Expansion in production by 4 to 5 percent in response to favorable prices also contributes to livestock revenue expansion. The dairy sector also gains as the increase in world dairy product prices (at 39.5 percent in butter, 22.3 percent in cheese, 30.5 percent in nonfat dry milk, and 25.6 percent in WMP) mutes the impact of the removal of the milk support price in the United States. The milk price increases slightly while milk production remains almost unchanged. The higher value of beef products coming from the dairy sector also contributes to the sector's favorable revenue effect. On the crop side, though, the modest price increases are not enough to offset lost payments for most producers. The share of combined PFC and LDP payments to revenue varies across crops, from a low 2 percent share in oats, a 6 to 10 percent share for most of the other grains and soybeans, to a high 20 to 45 percent share in cotton and rice. As expected, total revenue drops for wheat, corn, sorghum, barley, peanuts, soybeans, cotton, and rice. Higher prices for wheat (up 4.7 percent), corn (up 5.7 percent), sorghum (up 6.8 percent), barley (up 6.5 percent), and oats (up 4.5 percent) and production adjustments for crops less affected by the removal of program payments increase their revenue from marketing, thereby moderating the drop in total gross revenue in the crop sector. A major caveat is that although the direction of these hypothetical changes in returns and income is meaningful, their magnitudes are

inadequate for policy debate purposes since our analysis does not include the provisions of new U.S. farm legislation.

Net agricultural consumers in low-duty countries are worse off because price increases are substantial. Their net agricultural consumption is taxed under the new terms of trade. However, the many consumers in highly protected net-importing countries (e.g., the Philippines, Japan, and Korea) are better off, as the unit cost of most food items decreases. Under full integration of food markets and trade in these countries, consumers' gains would be even greater. However, there remain large transaction costs between world prices and domestic prices, created by uncompetitive practices and market structures in importing and retailing sectors.

Finally, we want to re-emphasize the “academic” nature of our modeling exercise; it is useful primarily in identifying issues of contention for further analysis and model development. We are posing questions to our model—about full removal of distortions—which are much beyond the usual scope of more modest deviations implied by limited policy changes. Thus, in the context of information provision to negotiators and other policymakers, this report is only a first step in a larger research effort that will require more consultation, model adjustment, and refinement.

Endnote

1. In the FAPRI 2002 baseline, public intervention stocks  and special purchase scheme in storage increased mostly in 2002, with another small increase in 2003 to offset the termination of the OTMS.



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Appendix A

Impacts of the Full Liberalization Scenario

Tables A.1 and A.2 give selected policies in selected countries. Tables A.3 through A.46 present the impacts of the full liberalization scenario on price, trade, production, and consumption.

Table A.1. Agricultural Policy Assumptions for Crops

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12
United States										
Policy Prices	(U.S. Dollars per Metric Ton)									
Corn Loan	74	74	74	74	74	74	74	74	74	74
Wheat Loan	95	95	95	95	95	95	95	95	95	95
Barley Loan	79	81	81	79	78	77	76	76	76	76
Rice Loan	143	143	143	143	143	143	143	143	143	143
Cotton Loan	1,145	1,145	1,145	1,145	1,145	1,145	1,145	1,145	1,145	1,145
Soybean Loan	193	193	193	193	193	193	193	193	193	193
Cane Loan	397	397	397	397	397	397	397	397	397	397
European Union										
Policy Prices	(Euro per Metric Ton)									
Cereal Intervention	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3	101.3
Rice Intervention	315.9	315.9	315.9	315.9	315.9	315.9	315.9	315.9	315.9	315.9
White Sugar Intervention	631.9	631.9	631.9	631.9	631.9	631.9	631.9	631.9	631.9	631.9
Sugar Beet Basic Price	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
Cereals Compensatory Payment	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
Subsidized Export Limits	(Thousand Metric Tons)									
Wheat	14,438	14,438	14,438	14,438	14,438	14,438	14,438	14,438	14,438	14,438
Coarse Grains	10,843	10,843	10,843	10,843	10,843	10,843	10,843	10,843	10,843	10,843
Production Aid	(Euro per Ton)									
Oilseeds	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
Set-aside Rate *	(Percent)									
Crops	10	10	10	10	10	10	10	10	10	10
China										
Tariff Rate Quotas	(Thousand Metric Tons)									
Corn	5,850	6,525	7,200	7,200	7,200	7,200	7,200	7,200	7,200	7,200
Rice	3,990	4,655	5,320	5,320	5,320	5,320	5,320	5,320	5,320	5,320
Wheat	8,468	9,052	9,636	9,636	9,636	9,636	9,636	9,636	9,636	9,636
Soybean Oil	2,518	2,818	3,118	3,587	3,587	3,587	3,587	3,587	3,587	3,587
Rapeseed Oil	878	1,019	1,127	1,243	1,243	1,243	1,243	1,243	1,243	1,243
Palm Oil	2,400	2,600	2,700	3,168	3,168	3,168	3,168	3,168	3,168	3,168
Tariffs	(Percent ad valorem)									
Corn - in quota	1	1	1	1	1	1	1	1	1	1
Corn - out quota	77	74	71	68	68	68	68	68	68	68
Wheat - in quota	1	1	1	1	1	1	1	1	1	1
Wheat - out quota	77	74	71	68	68	68	68	68	68	68
Rice - in quota	1	1	1	1	1	1	1	1	1	1
Rice - out quota	77	74	71	68	68	68	68	68	68	68
Barley	15	13	12	10	9	9	9	9	9	9
Soybean Oil - in quota	9	9	9	9	9	9	9	9	9	9
Soybean Oil - out quota	52	52	52	52	52	52	52	52	52	52
Rapeseed Oil - in quota	9	9	9	9	9	9	9	9	9	9
Rapeseed Oil - out quota	52	52	52	52	52	52	52	52	52	52
Palm Oil - in quota	9	9	9	9	9	9	9	9	9	9
Palm Oil - out quota	52	52	52	52	52	52	52	52	52	52

Sources: major sources are OECD 2001, and WTO various.

Table A.2. Agricultural Policy Assumptions for Livestock and Dairy Products

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
European Union										
Policy Prices	(Euro per Metric Ton)									
Safety Net Intervention	1,560	1,560	1,560	1,560	1,560	1,560	1,560	1,560	1,560	1,560
Pork Basic	1,510	1,510	1,510	1,510	1,510	1,510	1,510	1,510	1,510	1,510
Tariff Rate Quota	(Thousand Metric Tons)									
Beef	144	144	144	144	144	144	144	144	144	144
Pork	76	76	76	76	76	76	76	76	76	76
Poultry	30	30	30	30	30	30	30	30	30	30
GATT Maximum										
Subsidized Exports	(Million Metric Tons)									
Beef	822	822	822	822	822	822	822	822	822	822
Pork	444	444	444	444	444	444	444	444	444	444
Poultry	286	286	286	286	286	286	286	286	286	286
Milk Delivery Quota: E-15	119	119	119	119	120	120	120	120	120	120
Target Price for Milk	(Euro per Metric Ton)									
Intervention Price for Butter	3,282	3,282	3,282	3,118	2,954	2,790	2,790	2,790	2,790	2,790
Intervention Price for SMP	2,055	2,055	2,055	1,952	1,850	1,747	1,747	1,747	1,747	1,747
GATT Maximum										
Subsidized Exports	(Thousand Metric Tons)									
Butter	399	399	399	399	399	399	399	399	399	399
SMP	273	273	273	273	273	273	273	273	273	273
Cheese	321	321	321	321	321	321	321	321	321	321
Other Milk Products	958	958	958	958	958	958	958	958	958	958
Import Tariffs										
Japan	(Percent ad valorem)									
Beef	39	39	39	39	39	39	39	39	39	39
Pork	4	4	4	4	4	4	4	4	4	4
Poultry	9	9	9	9	9	9	9	9	9	9
China										
Beef	34	23	12	12	12	12	12	12	12	12
Pork	17	15	12	12	12	12	12	12	12	12
Poultry	17	13	10	10	10	10	10	10	10	10
Lamb-Mutton	20	18	15	15	15	15	15	15	15	15
Egg	23	22	20	20	20	20	20	20	20	20
South Korea										
Beef	41	41	40	40	40	40	40	40	40	40
Pork	25	25	25	25	25	25	25	25	25	25
Broiler	20	20	20	20	20	20	20	20	20	20
Philippines										
Beef	44	42	40	40	40	40	40	40	40	40
Pork	30	30	30	30	30	30	30	30	30	30
Poultry	45	45	45	45	45	45	45	45	45	45

Sources: major sources are OECD 2001, and WTO various.

Table A.3. Wheat Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	130.98	133.09	137.41	138.10	142.66	144.79	148.05	150.12	154.39	156.22	
Change	3.8	5.5	6.1	7.4	6.2	7.7	6.9	8.1	7.9	9.3	6.89
% chg	2.90%	4.16%	4.45%	5.39%	4.32%	5.34%	4.63%	5.37%	5.12%	5.97%	4.77%
Total Trade	(Thousand Metric Tons)										
Baseline	89,345	91,166	94,140	97,724	100,537	103,208	105,882	108,856	112,441	115,312	
Change	5,445.0	9,539.8	8,918.7	8,257.8	8,273.9	8,149.0	8,159.7	7,995.8	7,913.4	7,634.3	8,028.73
% chg	6.09%	10.46%	9.47%	8.45%	8.23%	7.90%	7.71%	7.35%	7.04%	6.62%	7.93%
Exports of Selected Countries											
Argentina											
Baseline	13,619	14,507	15,048	15,608	15,937	16,503	16,903	17,400	17,808	18,354	
Change	16.4	84.4	275.3	230.7	328.1	241.9	353.7	293.4	372.7	351.3	254.80
% chg	0.12%	0.58%	1.83%	1.48%	2.06%	1.47%	2.09%	1.69%	2.09%	1.91%	1.53%
Australia											
Baseline	16,743	16,812	17,108	17,528	17,954	18,342	18,703	19,103	19,518	19,954	
Change	47.6	2.0	92.1	79.3	94.0	78.9	96.0	86.6	94.8	91.1	76.25
% chg	0.28%	0.01%	0.54%	0.45%	0.52%	0.43%	0.51%	0.45%	0.49%	0.46%	0.41%
Canada											
Baseline	17,595	17,645	17,968	18,135	18,348	18,490	18,663	18,753	18,854	18,906	
Change	122.6	213.1	239.7	303.9	262.6	290.2	253.4	284.4	286.1	338.3	259.43
% chg	0.70%	1.21%	1.33%	1.68%	1.43%	1.57%	1.36%	1.52%	1.52%	1.79%	1.41%
European Union											
Baseline	11,525	12,727	13,691	15,749	16,586	17,574	18,478	19,944	21,519	22,756	
Change	5,225.0	6,769.1	5,925.6	5,773.6	6,383.0	6,517.9	6,912.3	6,947.6	7,055.4	6,924.1	6,443.37
% chg	45.34%	53.19%	43.28%	36.66%	38.49%	37.09%	37.41%	34.84%	32.79%	30.43%	38.95%
Hungary											
Baseline	2,035	2,006	1,991	2,013	2,041	2,072	2,099	2,126	2,157	2,189	
Change	18.6	78.2	64.4	40.8	33.5	21.5	12.0	5.8	8.3	11.2	29.43
% chg	0.91%	3.90%	3.23%	2.03%	1.64%	1.04%	0.57%	0.27%	0.38%	0.51%	1.45%
Russia											
Baseline	763	695	964	990	1,184	1,291	1,451	1,527	1,693	1,742	
Change	70.5	-22.9	116.5	69.0	19.3	-13.3	-18.2	11.9	57.6	140.3	43.06
% chg	9.25%	-3.30%	12.08%	6.97%	1.63%	-1.03%	-1.26%	0.78%	3.40%	8.05%	3.66%
Ukraine											
Baseline	2,570	2,551	2,822	3,019	3,120	3,191	3,242	3,282	3,376	3,479	
Change	-98.8	-88.4	-91.6	-127.6	-129.6	-144.2	-149.7	-152.6	-142.2	-262.6	-138.71
% chg	-3.84%	-3.46%	-3.24%	-4.23%	-4.15%	-4.52%	-4.62%	-4.65%	-4.21%	-7.55%	-4.45%
United States											
Baseline	23,840	23,613	23,983	24,122	24,830	25,226	25,843	26,241	27,041	27,472	
Change	139.8	2,573.6	2,340.1	1,922.4	1,317.5	1,190.8	742.5	557.4	214.9	68.8	1,106.78
% chg	0.59%	10.90%	9.76%	7.97%	5.31%	4.72%	2.87%	2.12%	0.79%	0.25%	4.53%
Imports of Selected Countries											
Japan											
Baseline	5,326	5,327	5,326	5,323	5,319	5,313	5,305	5,295	5,283	5,268	
Change	-58.8	-37.5	-67.4	-65.8	-73.4	-74.7	-77.1	-78.5	-82.4	-86.1	-70.17
% chg	-1.10%	-0.70%	-1.27%	-1.24%	-1.38%	-1.41%	-1.45%	-1.48%	-1.56%	-1.63%	-1.32%
China											
Baseline	1,343	2,303	4,478	5,336	5,700	5,465	5,413	5,084	5,851	5,340	
Change	-54.9	-343.9	-590.9	-701.9	-585.9	-523.9	-420.8	-345.2	-217.8	-164.1	-394.95
% chg	-4.09%	-14.93%	-13.20%	-13.16%	-10.28%	-9.59%	-7.77%	-6.79%	-3.72%	-3.07%	-8.66%
India											
Baseline	-3,093	-2,724	-2,449	-2,245	-1,531	-1,087	-513	122	707	1,295	
Change	2,484.2	4,782.1	4,736.9	4,406.8	4,183.4	4,019.5	3,788.8	3,618.1	3,385.8	3,161.7	3,856.73
% chg	-80.31%	-175.5%	-193.5%	-196.3%	-273.3%	-369.7%	-739.2%	2953.7%	479.1%	244.10%	164.90%

Table A.4. Wheat Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	17,512	18,311	18,809	19,365	19,696	20,270	20,678	21,184	21,591	22,141	
Change	0.0	53.0	234.4	182.5	283.8	194.9	307.8	241.1	315.2	283.1	209.57
% chg	0.00%	0.29%	1.25%	0.94%	1.44%	0.96%	1.49%	1.14%	1.46%	1.28%	1.02%
Consumption											
Baseline	3,950	3,820	3,775	3,762	3,773	3,776	3,786	3,792	3,797	3,795	
Change	-5.8	-25.0	-38.5	-44.2	-47.3	-42.9	-47.9	-49.0	-57.6	-64.1	-42.24
% chg	-0.15%	-0.65%	-1.02%	-1.17%	-1.25%	-1.14%	-1.26%	-1.29%	-1.52%	-1.69%	-1.12%
Canada											
Production											
Baseline	25,745	26,338	26,933	27,402	27,535	27,862	28,068	28,323	28,491	28,823	
Change	0.0	119.0	282.4	335.7	432.2	386.0	440.8	402.8	442.2	435.5	327.67
% chg	0.00%	0.45%	1.05%	1.23%	1.57%	1.39%	1.57%	1.42%	1.55%	1.51%	1.17%
Consumption											
Baseline	8,359	8,547	8,710	8,949	9,098	9,250	9,337	9,480	9,630	9,828	
Change	7.9	-0.2	60.1	66.2	117.8	128.6	159.6	150.9	155.9	142.1	98.88
% chg	0.09%	0.00%	0.69%	0.74%	1.29%	1.39%	1.71%	1.59%	1.62%	1.45%	1.06%
European Union											
Production											
Baseline	105,143	107,010	108,194	109,563	111,227	112,780	114,131	115,434	117,126	118,560	
Change	6,250.3	6,856.1	5,505.9	5,154.8	4,934.2	4,624.2	4,310.8	4,158.0	3,896.5	3,741.5	4,943.22
% chg	5.94%	6.41%	5.09%	4.70%	4.44%	4.10%	3.78%	3.60%	3.33%	3.16%	4.45%
Consumption											
Baseline	92,729	93,049	94,613	94,341	94,588	94,758	95,336	95,424	95,479	95,579	
Change	561.6	245.8	-429.8	-592.9	-1,257.1	-1,700.8	-2,371.3	-2,636.5	-3,034.1	-3,134.3	-1,434.96
% chg	0.61%	0.26%	-0.45%	-0.63%	-1.33%	-1.79%	-2.49%	-2.76%	-3.18%	-3.28%	-1.50%
China											
Production											
Baseline	105,357	105,436	107,919	110,447	111,415	112,953	113,467	114,454	115,317	116,813	
Change	0.0	255.3	708.9	567.2	617.0	408.5	474.9	354.3	373.8	257.4	401.73
% chg	0.00%	0.24%	0.66%	0.51%	0.55%	0.36%	0.42%	0.31%	0.32%	0.22%	0.36%
Consumption											
Baseline	113,439	114,043	114,464	115,570	116,217	117,270	118,063	118,967	119,530	120,443	
Change	-48.6	-257.0	-138.7	-137.5	39.7	-17.2	70.9	73.5	190.2	156.6	-6.81
% chg	-0.04%	-0.23%	-0.12%	-0.12%	0.03%	-0.01%	0.06%	0.06%	0.16%	0.13%	-0.01%
India											
Production											
Baseline	67,635	68,744	69,509	70,876	71,018	71,878	72,378	73,062	73,510	74,309	
Change	0.0	-3,101.1	-2,968.6	-2,903.5	-2,519.5	-2,612.4	-2,292.1	-2,315.3	-2,056.4	-2,003.6	-2,277.25
% chg	0.00%	-4.51%	-4.27%	-4.10%	-3.55%	-3.63%	-3.17%	-3.17%	-2.80%	-2.70%	-3.19%
Consumption											
Baseline	66,049	67,193	67,919	69,254	70,187	71,415	72,465	73,734	74,775	76,095	
Change	2,137.9	1,740.3	1,805.9	1,553.4	1,657.0	1,454.4	1,495.3	1,339.8	1,339.3	1,195.3	1,571.85
% chg	3.24%	2.59%	2.66%	2.24%	2.36%	2.04%	2.06%	1.82%	1.79%	1.57%	2.24%
United States											
Production											
Baseline	58,157	59,107	59,362	60,417	60,941	62,007	62,693	63,706	64,385	65,409	
Change	0.0	2,976.8	2,468.6	1,703.5	1,584.9	1,061.8	969.6	484.4	346.7	-56.1	1,154.02
% chg	0.00%	5.04%	4.16%	2.82%	2.60%	1.71%	1.55%	0.76%	0.54%	-0.09%	1.91%
Consumption											
Baseline	34,997	35,664	35,687	36,300	36,334	36,828	36,990	37,502	37,524	37,969	
Change	269.2	-70.9	132.8	-7.2	265.6	34.2	234.7	71.4	169.7	18.6	111.82
% chg	0.77%	-0.20%	0.37%	-0.02%	0.73%	0.09%	0.63%	0.19%	0.45%	0.05%	0.31%

Table A.5. Corn Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	99	101	103	104	105	107	108	110	111	113	
Change	5.0	2.7	5.5	5.2	6.0	6.3	6.7	7.1	7.7	8.4	6.06
% chg	5.06%	2.67%	5.34%	5.02%	5.73%	5.85%	6.21%	6.45%	6.97%	7.42%	5.67%
Total Trade	(Thousand Metric Tons)										
Baseline	64,307	66,829	68,934	71,488	74,091	76,597	78,123	80,264	82,067	83,735	
Change	1,380.9	5,947.4	5,902.6	5,206.4	4,576.6	3,702.4	2,718.4	1,901	1,771	1,897	3,500.32
% chg	2.15%	8.90%	8.56%	7.28%	6.18%	4.83%	3.48%	2.37%	2.16%	2.27%	4.82%
Exports of Selected Countries											
Argentina											
Baseline	7,496	8,814	9,433	9,958	10,431	10,554	10,754	10,825	10,929	11,052	
Change	41.3	288.8	142.5	233.2	187.8	205.2	227.7	294.8	387.0	504.0	251.22
% chg	0.55%	3.28%	1.51%	2.34%	1.80%	1.94%	2.12%	2.72%	3.54%	4.56%	2.44%
Hungary											
Baseline	2,112	2,224	2,217	2,212	2,196	2,163	2,129	2,086	2,056	2,031	
Change	-197.1	-554.2	-823.0	-973.5	-1,054.7	-1,095.8	-1,122.8	-1,119.9	-1,093.6	-1,057.0	-909.14
% chg	-9.33%	-24.92%	-37.12%	-44.00%	-48.02%	-50.66%	-52.74%	-53.69%	-53.18%	-52.04%	-42.57%
South Africa											
Baseline	1,373	1,377	1,524	1,737	1,996	2,287	2,541	2,791	3,027	3,255	
Change	165.1	69.9	189.9	173.7	216.4	229.0	252.9	269.6	297.2	320.7	218.44
% chg	12.03%	5.08%	12.46%	10.00%	10.84%	10.01%	9.96%	9.66%	9.82%	9.85%	9.97%
United States											
Baseline	51,856	52,695	53,973	55,859	57,817	60,063	61,285	63,247	64,781	66,169	
Change	831.5	5,594.4	5,678.9	4,828.2	4,120.0	3,159.0	2,132.0	1,168	824	767	2,910.37
% chg	1.60%	10.62%	10.52%	8.64%	7.13%	5.26%	3.48%	1.85%	1.27%	1.16%	5.15%
Imports of Selected Countries											
Canada											
Baseline	1,918	1,886	2,056	2,332	2,549	2,752	2,867	3,082	3,359	3,627	
Change	-60.9	1.7	52.9	106.2	154.9	199.2	228.6	231.8	223.3	213.3	135.10
% chg	-3.17%	0.09%	2.57%	4.55%	6.08%	7.24%	7.97%	7.52%	6.65%	5.88%	4.54%
European Union											
Baseline	2,127	2,176	2,212	2,184	2,183	2,149	2,131	2,104	2,110	2,114	
Change	614.8	2,513.5	2,351.9	2,161.2	2,148.7	1,967.7	1,556.1	1,158.3	1,186.2	1,539.3	1,719.78
% chg	28.9%	115.5%	106.3%	99.0%	98.4%	91.6%	73.0%	55.1%	56.2%	72.8%	79.68%
Japan											
Baseline	15,162	15,183	15,040	15,026	15,076	15,196	15,271	15,301	15,284	15,315	
Change	630.3	503.7	249.6	152.9	91.4	108.0	118.8	115.3	63.6	3.6	203.71
% chg	4.16%	3.32%	1.66%	1.02%	0.61%	0.71%	0.78%	0.75%	0.42%	0.02%	1.34%
Brazil											
Baseline	-1,605	-1,383	-1,331	-1,184	-1,033	-926	-667	-581	-419	-383	
Change	-280.2	-94.0	-86.7	-154.2	-150.6	-196.7	-176.7	-213.3	-233.8	-275.5	-186.17
% chg	17.46%	6.80%	6.52%	13.03%	14.57%	21.24%	26.5%	36.72%	55.76%	71.95%	27.05%
Mexico											
Baseline	5,652	5,658	5,780	5,950	6,087	6,263	6,461	6,707	6,911	7,153	
Change	1,118.4	2,207.0	1,869.7	1,471.2	1,082.7	688.9	302.9	79.3	91.8	89.7	900.14
% chg	19.79%	39.01%	32.35%	24.73%	17.79%	11.00%	4.69%	1.18%	1.33%	1.25%	15.31%
China											
Baseline	1,105	2,474	3,317	4,125	5,574	6,627	6,708	7,171	7,278	7,462	
Change	-313.8	1,469.1	2,283.1	2,418.7	2,384.1	2,283.2	2,185.9	2,175.3	2,220.8	2,252.3	1,935.86
% chg	-28.4%	59.38%	68.83%	58.64%	42.77%	34.5%	32.59%	30.33%	30.51%	30.18%	35.93%
Taiwan											
Baseline	4,748	4,811	4,791	4,803	4,837	4,900	4,969	5,000	5,017	5,036	
Change	-145.8	-48.1	-133.5	-116.2	-144.8	-169.9	-204.4	-229.3	-240.0	-240.6	-167.26
% chg	-3.07%	-1.00%	-2.79%	-2.42%	-2.99%	-3.47%	-4.11%	-4.59%	-4.78%	-4.78%	-3.40%

Table A.6. Corn Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	11,770	13,086	13,775	14,388	14,957	15,168	15,457	15,582	15,728	15,879	
Change	-15.9	272.2	172.1	351.6	387.7	468.2	515.5	570.6	623.7	693.9	403.96
% chg	-0.13%	2.08%	1.25%	2.44%	2.59%	3.09%	3.34%	3.66%	3.97%	4.37%	2.66%
Consumption											
Baseline	4,329	4,305	4,358	4,442	4,539	4,629	4,711	4,769	4,811	4,840	
Change	-32.3	-20.6	42.3	120.9	204.9	265.7	290.9	278.7	241.0	194.4	158.57
% chg	-0.75%	-0.48%	0.97%	2.72%	4.51%	5.74%	6.17%	5.84%	5.01%	4.02%	3.38%
Hungary											
Production											
Baseline	7,571	7,735	7,804	7,817	7,823	7,824	7,828	7,831	7,841	7,849	
Change	0.0	-464.0	-763.0	-871.8	-935.1	-951.3	-956.3	-944.0	-929.0	-908.2	-772.27
% chg	0.00%	-6.00%	-9.78%	-11.15%	-11.95%	-12.16%	-12.22%	-12.05%	-11.85%	-11.57%	-9.87%
Consumption											
Baseline	5,321	5,452	5,554	5,589	5,616	5,653	5,692	5,740	5,779	5,813	
Change	106.5	62.2	64.1	104.0	124.0	147.8	170.3	179.0	167.8	151.9	127.76
% chg	2.00%	1.14%	1.15%	1.86%	2.21%	2.61%	2.99%	3.12%	2.90%	2.61%	2.26%
Mexico											
Production											
Baseline	18,860	19,374	19,739	20,029	20,340	20,674	21,019	21,313	21,660	21,981	
Change	0.0	-1,335.3	-1,196.7	-930.8	-691.8	-425.2	-158.3	120.1	128.3	141.9	-434.78
% chg	0.00%	-6.89%	-6.06%	-4.65%	-3.40%	-2.06%	-0.75%	0.56%	0.59%	0.65%	-2.20%
Consumption											
Baseline	24,560	25,038	25,508	25,971	26,423	26,935	27,468	28,016	28,563	29,129	
Change	922.0	896.2	720.0	577.1	429.5	299.4	179.8	200.1	221.6	233.0	467.88
% chg	3.75%	3.58%	2.82%	2.22%	1.63%	1.11%	0.65%	0.71%	0.78%	0.80%	1.81%
European Union											
Production											
Baseline	39,183	40,200	40,353	40,567	40,878	41,652	41,930	42,167	42,364	42,959	
Change	1,698.6	-1,367.7	-1,289.5	-1,801.5	-1,841.1	-2,291.5	-2,144.6	-2,172.3	-2,018.1	-2,326.5	-1,555.42
% chg	4.33%	-3.40%	-3.20%	-4.44%	-4.50%	-5.50%	-5.11%	-5.15%	-4.76%	-5.42%	-3.72%
Consumption											
Baseline	41,351	42,085	42,505	42,859	42,856	43,396	43,774	44,184	44,231	44,325	
Change	1,857.7	1,271.0	1,031.2	448.4	324.2	-205.7	-517.4	-917.4	-843.9	-789.9	165.81
% chg	4.49%	3.02%	2.43%	1.05%	0.76%	-0.47%	-1.18%	-2.08%	-1.91%	-1.78%	0.43%
China											
Production											
Baseline	119,443	122,440	124,984	129,403	131,434	133,640	136,490	138,636	141,102	143,410	
Change	0.0	-571.4	-1,614.1	-1,637.0	-1,810.0	-1,657.5	-1,704.2	-1,541.8	-1,647.6	-1,627.0	-1,381.06
% chg	0.00%	-0.47%	-1.29%	-1.27%	-1.38%	-1.24%	-1.25%	-1.11%	-1.17%	-1.13%	-1.03%
Consumption											
Baseline	126,464	129,060	131,772	134,420	137,372	140,101	143,028	145,718	148,301	150,769	
Change	-404.6	759.3	671.5	761.9	576.5	635.8	500.7	619.0	562.9	625.3	530.82
% chg	-0.32%	0.59%	0.51%	0.57%	0.42%	0.45%	0.35%	0.42%	0.38%	0.41%	0.38%
United States											
Production											
Baseline	250,384	256,021	261,505	265,741	270,455	275,225	280,369	284,217	289,264	292,933	
Change	0.0	13,500.6	9,147.1	10,285.2	8,630.3	8,428.3	7,156.0	6,471.3	5,725.6	5,843.1	7,518.74
% chg	0.00%	5.27%	3.50%	3.87%	3.19%	3.06%	2.55%	2.28%	1.98%	1.99%	2.77%
Consumption											
Baseline	201,851	204,158	207,492	209,939	212,785	215,397	218,875	221,254	224,502	227,044	
Change	1,766.3	5,616.2	4,594.2	5,349.6	4,947.1	5,392.2	5,351.9	5,524.9	5,224.3	5,270.6	4,903.72
% chg	0.88%	2.75%	2.21%	2.55%	2.32%	2.50%	2.45%	2.50%	2.33%	2.32%	2.28%

Table A.7. Rice Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	180.64	185.84	191.30	196.88	202.25	207.69	213.35	219.10	225.17	231.57	
Change	13.3	20.5	19.1	21.8	20.6	22.7	22.4	23.5	23.5	25.3	21.27
% chg	7.38%	11.01%	9.98%	11.09%	10.19%	10.94%	10.49%	10.71%	10.46%	10.91%	10.32%
Total Trade	(Thousand Metric Tons)										
Baseline	19,307	18,526	18,620	19,010	19,437	19,974	20,585	21,658	22,525	23,849	
Change	4,672.6	5,567.4	5,567.8	5,843.5	5,850.1	6,039.7	6,028.0	6,196.3	6,325.8	6,489.7	5,858.08
% chg	24.20%	30.05%	29.90%	30.74%	30.10%	30.24%	29.28%	28.61%	28.08%	27.21%	28.84%
Exports of Selected Countries											
China											
Baseline	1,493	1,348	1,303	1,339	1,387	1,352	1,463	1,815	2,183	2,699	
Change	3,510.1	5,340.9	4,689.8	5,508.6	5,178.6	5,458.2	5,176.7	5,448.5	5,588.0	5,858.3	5,175.77
% chg	235.03%	396%	360.0%	411.5%	373.4%	403.7%	353.7%	300%	255.94%	217.0%	330.69%
India											
Baseline	1,999	1,331	1,064	1,073	1,052	1,204	1,355	1,657	1,709	2,027	
Change	607.0	1,419.3	1,752.8	1,343.4	1,480.7	1,392.1	1,545.7	1,403.4	1,339.7	1,180.4	1,346.45
% chg	30.37%	106.65%	164.71%	125.15%	140.78%	115.61%	114.08%	84.71%	78.40%	58.2%	101.87%
Myanmar (Burma)											
Baseline	756	751	755	762	770	780	790	801	814	829	
Change	0.0	28.5	55.4	65.1	75.5	78.5	83.4	84.2	85.4	84.7	64.08
% chg	0.00%	3.80%	7.34%	8.55%	9.81%	10.07%	10.55%	10.52%	10.49%	10.2%	8.14%
Thailand											
Baseline	7,226	7,317	7,571	7,885	8,136	8,385	8,642	8,983	9,315	9,663	
Change	139.0	384.8	611.3	590.2	643.1	634.0	672.6	678.0	698.5	708.6	576.00
% chg	1.92%	5.26%	8.07%	7.48%	7.90%	7.56%	7.78%	7.55%	7.50%	7.3%	6.84%
United States											
Baseline	3,156	3,117	3,050	2,980	2,921	2,839	2,753	2,666	2,578	2,479	
Change	200.8	-3,461.2	-3,668.4	-3,917.3	-3,769.6	-3,791.5	-3,725.7	-3,686.1	-3,653.8	-3,636.7	-3,310.94
% chg	6.4%	-111.1%	-120.3%	-131.4%	-129.0%	-133.6%	-135.3%	-138.3%	-141.7%	-146.7%	-118.10%
Vietnam											
Baseline	3,873	3,877	4,075	4,145	4,316	4,529	4,659	4,778	4,921	5,106	
Change	362.3	882.7	1,095.5	1,154.6	1,191.9	1,218.1	1,247.4	1,256.9	1,271.5	1,307.5	1,098.85
% chg	9.36%	22.77%	26.88%	27.85%	27.62%	26.90%	26.77%	26.31%	25.84%	25.6%	24.59%
Imports of Selected Countries											
Brazil											
Baseline	386	278	237	209	190	176	166	158	151	143	
Change	-119.0	-257.3	-310.8	-350.4	-356.7	-374.8	-380.3	-390.9	-395.9	-413.0	-334.91
% chg	-30.8%	-92.5%	-131.3%	-167.7%	-187.9%	-213%	-230%	-248%	-263%	-289%	-185.29%
European Union											
Baseline	474	509	562	569	581	596	605	619	636	653	
Change	1,704.7	2,032.0	2,003.0	1,975.9	1,965.2	1,948.5	1,939.6	1,927.6	1,918.3	1,904.3	1,931.93
% chg	360%	399%	356%	347%	338%	327%	321%	311%	302%	292%	335%
Japan											
Baseline	805	651	575	504	437	372	306	237	160	68	
Change	534.6	897.3	989.8	1,014.4	1,025.9	1,022.2	1,016.8	1,010.1	1,006.9	1,000.1	951.81
% chg	66.43%	137.8%	172.2%	201.4%	234.8%	274.8%	332.7%	426.6%	630.7%	1465%	394.23%
Philippines											
Baseline	688	727	765	803	840	877	914	950	985	1,020	
Change	651.6	833.0	881.5	882.5	911.2	921.8	944.3	961.7	986.0	999.6	897.31
% chg	94.65%	114.59%	115.21%	110%	108%	105%	103%	101%	100%	98.0%	105.06%
South Korea											
Baseline	64	41	85	135	155	174	177	192	195	205	
Change	879.2	1,124.9	1,157.5	1,154.8	1,156.4	1,169.2	1,173.2	1,186.4	1,195.3	1,208.2	1,140.50
% chg	1383.80%	2733.6%	1365.5%	855.5%	744.6%	670.1%	661.8%	616.46%	611.87%	589.6%	1023.28%

Table A.8. Rice Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
China	(Thousand Metric Tons)										
Production											
Baseline	130,044	131,879	133,046	134,103	134,763	135,350	135,993	136,801	137,597	138,444	
Change	1,281.3	2,060.2	1,904.8	2,210.3	2,151.0	2,276.8	2,228.6	2,356.5	2,440.3	2,565.5	1,890.99
% chg	0.99%	1.56%	1.43%	1.65%	1.60%	1.68%	1.64%	1.72%	1.77%	1.85%	1.40%
Consumption											
Baseline	132,443	131,393	132,018	132,734	133,779	134,680	135,297	135,431	135,413	135,161	
Change	-1,698	-2,887	-2,838	-3,203	-3,121	-3,152	-3,010	-3,086	-3,172	-3,259	-2,617
% chg	-1.28%	-2.20%	-2.15%	-2.41%	-2.33%	-2.34%	-2.23%	-2.28%	-2.34%	-2.41%	-1.96%
Thailand											
Production											
Baseline	17,241	17,425	17,711	18,037	18,288	18,533	18,781	19,109	19,419	19,735	
Change	0.0	179.7	427.5	379.7	448.3	419.4	465.1	462.7	486.6	484.0	326.91
% chg	0.00%	1.03%	2.41%	2.11%	2.45%	2.26%	2.48%	2.42%	2.51%	2.45%	1.77%
Consumption											
Baseline	10,115	10,132	10,147	10,156	10,155	10,150	10,140	10,127	10,104	10,072	
Change	-128.1	-197.1	-183.3	-208.4	-195.5	-213.4	-207.8	-214.8	-212.2	-223.8	-176.07
% chg	-1.27%	-1.95%	-1.81%	-2.05%	-1.93%	-2.10%	-2.05%	-2.12%	-2.10%	-2.22%	-1.74%
Vietnam											
Production											
Baseline	20,925	21,253	21,582	21,869	22,214	22,600	22,969	23,308	23,649	24,008	
Change	0.0	303.6	563.0	563.8	629.9	607.8	651.3	642.2	659.1	656.1	462.07
% chg	0.00%	1.43%	2.61%	2.58%	2.84%	2.69%	2.84%	2.76%	2.79%	2.73%	2.05%
Consumption											
Baseline	17,191	17,308	17,487	17,702	17,875	18,074	18,311	18,530	18,728	18,904	
Change	-362.3	-562.5	-523.7	-592.9	-559.3	-612.1	-594.2	-615.8	-611.8	-651.9	-503.47
% chg	-2.11%	-3.25%	-2.99%	-3.35%	-3.13%	-3.39%	-3.25%	-3.32%	-3.27%	-3.45%	-2.81%
India											
Production											
Baseline	89,078	89,738	90,927	91,998	93,218	94,402	95,518	96,760	97,902	99,029	
Change	0.0	135.5	1,177.3	548.5	847.6	688.3	887.0	792.9	808.6	684.5	588.57
% chg	0.00%	0.15%	1.29%	0.60%	0.91%	0.73%	0.93%	0.82%	0.83%	0.69%	0.63%
Consumption											
Baseline	87,370	88,739	90,260	90,903	92,211	93,229	94,183	95,127	96,218	97,030	
Change	-308.8	-1,122.4	-598.6	-749.0	-667.5	-667.8	-676.4	-598.1	-539.9	-472.5	-592.84
% chg	-0.35%	-1.26%	-0.66%	-0.82%	-0.72%	-0.72%	-0.72%	-0.63%	-0.56%	-0.49%	-0.65%
United States											
Production											
Baseline	5,855	6,001	6,034	6,073	6,119	6,141	6,166	6,192	6,215	6,229	
Change	0	-3,377	-2,584	-2,850	-2,607	-2,691	-2,621	-2,599	-2,592	-2,517	-2,192
% chg	0.0%	-56.3%	-42.8%	-46.9%	-42.6%	-43.8%	-42.5%	-42.0%	-41.7%	-40.4%	-35.86%
Consumption											
Baseline	3,802	3,886	3,968	4,051	4,132	4,213	4,296	4,379	4,461	4,544	
Change	-97.6	-95.6	-90.4	-91.9	-89.3	-89.2	-88.4	-87.1	-86.7	-43.0	-81.61
% chg	-2.57%	-2.46%	-2.28%	-2.27%	-2.16%	-2.12%	-2.06%	-1.99%	-1.94%	-0.95%	-1.98%

Table A.9. Soybean Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	160	163	169	174	181	188	194	199	206	211	
Change	3.7	6.2	6.7	6.8	6.3	6.1	5.7	5.2	4.9	5.7	5.74
% chg	2.31%	3.79%	3.98%	3.91%	3.49%	3.25%	2.94%	2.62%	2.39%	2.72%	3.14%
Total Trade	(Thousand Metric Tons)										
Baseline	54,734	55,871	57,289	58,814	60,299	61,923	63,461	65,074	66,667	68,479	
Change	-671.4	-352.9	-368.4	-412.3	-320.5	-156.6	42.1	224.1	331.1	459.5	-122.53
% chg	-1.23%	-0.63%	-0.64%	-0.70%	-0.53%	-0.25%	0.07%	0.34%	0.50%	0.67%	-0.24%
Exports of Selected Countries											
Argentina											
Baseline	7,814	8,057	8,346	8,663	8,941	9,253	9,587	9,904	10,214	10,608	
Change	179.3	1,182.3	1,347.3	1,319.5	1,343.1	1,313.8	1,315.4	1,303.0	1,289.2	1,302.0	1,189.49
% chg	2.30%	14.67%	16.14%	15.23%	15.02%	14.20%	13.72%	13.16%	12.62%	12.27%	12.93%
Brazil											
Baseline	18,734	19,281	20,054	21,109	22,080	23,189	24,295	25,357	26,394	27,504	
Change	-747.8	1,114.0	1,177.2	1,156.4	1,050.7	1,023.8	951.0	919.4	845.7	902.3	839.27
% chg	-3.99%	5.78%	5.87%	5.48%	4.76%	4.41%	3.91%	3.63%	3.20%	3.28%	3.63%
Canada											
Baseline	687	682	719	751	787	817	852	885	919	951	
Change	-20.2	-11.8	-12.7	-14.0	-19.2	-24.4	-31.1	-34.7	-39.5	-43.2	-25.08
% chg	-2.94%	-1.73%	-1.76%	-1.87%	-2.44%	-2.99%	-3.64%	-3.92%	-4.29%	-4.54%	-3.01%
United States											
Baseline	27,499	27,851	28,169	28,291	28,490	28,663	28,727	28,927	29,140	29,416	
Change	-82.7	-2,637.4	-2,880.2	-2,874.2	-2,695.1	-2,469.8	-2,193.3	-1,963.6	-1,764.3	-1,701.5	-2,126.20
% chg	-0.30%	-9.47%	-10.22%	-10.16%	-9.46%	-8.62%	-7.63%	-6.79%	-6.05%	-5.78%	-7.45%
Imports of Selected Countries											
Eastern Europe											
Baseline	150	160	160	162	163	163	164	166	168	172	
Change	-27.1	-46.1	-47.4	-46.4	-44.4	-40.6	-37.4	-34.8	-33.0	-30.8	-38.81
% chg	-18.02%	-28.85%	-29.62%	-28.70%	-27.27%	-24.85%	-22.78%	-20.91%	-19.60%	-17.91%	-23.85%
Former Soviet Union											
Baseline	249	274	280	285	292	300	306	313	320	328	
Change	-19.6	-17.5	-19.8	-17.0	-13.5	-7.6	-2.8	1.2	4.3	7.9	-8.43
% chg	-7.88%	-6.37%	-7.06%	-5.95%	-4.61%	-2.54%	-0.91%	0.39%	1.35%	2.41%	-3.12%
Japan											
Baseline	5,108	5,127	5,115	5,114	5,115	5,114	5,113	5,111	5,102	5,100	
Change	-133.3	-122.4	-117.3	-116.7	-104.3	-92.4	-79.5	-70.3	-62.5	-55.3	-95.39
% chg	-2.61%	-2.39%	-2.29%	-2.28%	-2.04%	-1.81%	-1.56%	-1.38%	-1.23%	-1.09%	-1.87%
China											
Baseline	15,043	15,252	16,022	16,803	17,472	18,269	18,980	19,710	20,508	21,374	
Change	-48.8	-28.3	-100.3	-62.4	-53.3	-19.4	10.6	63.3	74.0	80.0	-8.46
% chg	-0.32%	-0.19%	-0.63%	-0.37%	-0.31%	-0.11%	0.06%	0.32%	0.36%	0.37%	-0.08%
India											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	-39.7	468.9	366.1	327.6	265.4	236.7	201.3	186.0	180.8	180.4	237.35
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South Korea											
Baseline	1,452	1,461	1,444	1,443	1,450	1,458	1,464	1,471	1,474	1,485	
Change	118.8	102.4	143.0	141.5	155.3	167.5	181.1	189.9	196.9	204.9	160.14
% chg	8.18%	7.01%	9.91%	9.81%	10.71%	11.49%	12.37%	12.91%	13.35%	13.80%	10.95%
Taiwan											
Baseline	2,312	2,348	2,323	2,311	2,306	2,301	2,296	2,296	2,286	2,293	
Change	-24.8	-49.9	-33.2	-33.6	-9.4	11.1	33.9	48.8	61.3	72.6	7.69
% chg	-1.07%	-2.13%	-1.43%	-1.45%	-0.41%	0.48%	1.48%	2.12%	2.68%	3.16%	0.34%

Table A.10. Soybean Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	29,406	29,899	30,368	30,889	31,399	31,939	32,484	33,012	33,536	34,073	
Change	0.0	1,055.4	1,242.3	1,228.7	1,292.4	1,306.2	1,345.2	1,359.8	1,387.5	1,429.5	1,164.71
% chg	0.00%	3.53%	4.09%	3.98%	4.12%	4.09%	4.14%	4.12%	4.14%	4.20%	3.64%
Consumption											
Baseline	21,596	21,844	22,024	22,228	22,460	22,688	22,899	23,111	23,324	23,466	
Change	-176.5	-126.3	-104.8	-90.8	-50.7	-7.6	29.8	56.8	98.5	127.7	-24.41
% chg	-0.82%	-0.58%	-0.48%	-0.41%	-0.23%	-0.03%	0.13%	0.25%	0.42%	0.54%	-0.12%
Brazil											
Production											
Baseline	44,756	45,959	47,376	49,104	50,752	52,544	54,330	56,064	57,774	59,548	
Change	0.0	1,977.4	2,079.4	2,090.9	2,027.8	2,048.2	2,014.5	2,019.0	1,983.0	2,059.8	1,830.00
% chg	0.00%	4.30%	4.39%	4.26%	4.00%	3.90%	3.71%	3.60%	3.43%	3.46%	3.50%
Consumption											
Baseline	26,030	26,690	27,339	28,011	28,690	29,373	30,050	30,723	31,396	32,048	
Change	759.0	868.6	903.2	933.6	975.6	1,023.2	1,061.8	1,098.1	1,138.1	1,158.8	992.00
% chg	2.92%	3.25%	3.30%	3.33%	3.40%	3.48%	3.53%	3.57%	3.62%	3.62%	3.40%
United States											
Production											
Baseline	79,698	80,341	81,105	82,191	83,270	84,273	85,250	86,402	87,407	88,771	
Change	0.0	-2,937.9	-2,751.3	-2,692.6	-2,275.0	-1,919.3	-1,441.1	-1,087.0	-814.3	-753.4	-1,667.19
% chg	0.00%	-3.66%	-3.39%	-3.28%	-2.73%	-2.28%	-1.69%	-1.26%	-0.93%	-0.85%	-2.01%
Consumption											
Baseline	51,418	52,548	53,332	54,241	55,161	56,037	56,884	57,762	58,645	59,610	
Change	528.5	76.5	187.7	196.0	367.7	528.6	711.4	835.5	939.6	1,026.6	539.81
% chg	1.03%	0.15%	0.35%	0.36%	0.67%	0.94%	1.25%	1.45%	1.60%	1.72%	0.95%
European Union											
Production											
Baseline	1,012	969	964	971	979	984	992	1,000	1,006	1,011	
Change	34.5	17.2	15.6	28.2	21.6	19.1	10.2	3.2	-5.8	-11.9	13.18
% chg	3.40%	1.77%	1.61%	2.90%	2.21%	1.94%	1.02%	0.32%	-0.58%	-1.18%	1.34%
Consumption											
Baseline	19,684	19,785	19,744	19,748	19,802	19,855	19,919	20,021	20,062	20,200	
Change	-168.8	-299.7	-239.9	-243.0	-139.9	-54.7	40.9	103.5	156.5	197.7	-64.74
% chg	-0.86%	-1.51%	-1.22%	-1.23%	-0.71%	-0.28%	0.21%	0.52%	0.78%	0.98%	-0.33%
China											
Production											
Baseline	15,024	15,515	15,438	15,387	15,450	15,398	15,444	15,543	15,598	15,635	
Change	-1.4	-94.7	6.6	-26.3	-11.2	-36.9	-53.3	-97.0	-101.4	-117.8	-53.35
% chg	-0.01%	-0.61%	0.04%	-0.17%	-0.07%	-0.24%	-0.35%	-0.62%	-0.65%	-0.75%	-0.34%
Consumption											
Baseline	30,159	30,822	31,461	32,171	32,868	33,600	34,388	35,233	36,094	36,984	
Change	-61.5	-98.1	-90.4	-90.0	-71.9	-60.4	-47.6	-38.7	-30.9	-32.9	-62.24
% chg	-0.20%	-0.32%	-0.29%	-0.28%	-0.22%	-0.18%	-0.14%	-0.11%	-0.09%	-0.09%	-0.19%
India											
Production											
Baseline	5,827	5,931	6,103	6,261	6,450	6,628	6,806	6,977	7,132	7,299	
Change	0.0	-555.0	-540.6	-567.0	-585.9	-622.1	-645.0	-676.4	-696.7	-726.4	-561.51
% chg	0.00%	-9.36%	-8.86%	-9.06%	-9.08%	-9.39%	-9.48%	-9.70%	-9.77%	-9.95%	-8.46%
Consumption											
Baseline	5,827	5,931	6,102	6,262	6,450	6,628	6,806	6,977	7,132	7,299	
Change	-48.3	-86.0	-174.3	-239.5	-320.6	-385.4	-443.8	-490.5	-516.0	-545.9	-325.03
% chg	-0.83%	-1.45%	-2.86%	-3.82%	-4.97%	-5.82%	-6.52%	-7.03%	-7.23%	-7.48%	-4.80%

Table A.11. Soybean Meal Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	170	176	182	187	194	201	206	211	216	220	
Change	2.5	3.9	5.3	5.4	6.4	8.1	9.7	10.6	11.6	14.1	7.77
% chg	1.44%	2.23%	2.89%	2.91%	3.30%	4.05%	4.69%	5.05%	5.37%	6.42%	3.83%
Total Trade	(Thousand Metric Tons)										
Baseline	36,608	37,301	37,830	38,363	38,960	39,431	39,876	40,311	40,790	41,378	
Change	-151.5	-821.2	-1,183.4	-1,407.4	-1,452.2	-1,413.5	-1,405.7	-1,434.9	-1,432.5	-1,425.0	-1,212.73
% chg	-0.41%	-2.20%	-3.13%	-3.67%	-3.73%	-3.58%	-3.53%	-3.56%	-3.51%	-3.44%	-3.08%
Exports of Selected Countries											
Argentina											
Baseline	16,445	16,632	16,770	16,928	17,110	17,287	17,449	17,612	17,777	17,880	
Change	-138.1	-122.5	-110.1	-95.8	-63.3	-27.2	1.6	23.4	58.0	81.0	-39.30
% chg	-0.84%	-0.74%	-0.66%	-0.57%	-0.37%	-0.16%	0.01%	0.13%	0.33%	0.45%	-0.24%
Brazil											
Baseline	10,911	10,892	10,930	10,932	10,956	10,916	10,820	10,738	10,636	10,783	
Change	296.1	143.0	49.1	11.0	-38.0	-93.5	-183.7	-248.4	-293.3	-351.2	-70.88
% chg	2.71%	1.31%	0.45%	0.10%	-0.35%	-0.86%	-1.70%	-2.31%	-2.76%	-3.26%	-0.67%
India											
Baseline	2,434	2,555	2,668	2,802	2,928	3,054	3,172	3,280	3,393	0	
Change	-70.4	-8.0	37.8	100.9	149.1	192.8	225.8	242.6	260.0	106.2	106.25
% chg	-2.89%	-0.31%	1.42%	3.60%	5.09%	6.31%	7.12%	7.40%	7.66%	3.25%	-3.25%
United States											
Baseline	6,883	7,343	7,575	7,835	8,091	8,299	8,554	8,789	9,098	9,322	
Change	-377.9	-912.1	-1,130.5	-1,284.7	-1,250.0	-1,143.7	-1,030.8	-984.1	-954.5	-894.8	-996.31
% chg	-5.49%	-12.42%	-14.92%	-16.40%	-15.45%	-13.78%	-12.05%	-11.20%	-10.49%	-9.60%	-12.18%
Imports of Selected Countries											
Eastern Europe											
Baseline	3,037	3,079	3,120	3,137	3,178	3,214	3,245	3,288	3,333	3,387	
Change	-85.6	-213.7	-237.0	-254.1	-256.2	-279.0	-293.3	-306.0	-295.2	-289.7	-250.98
% chg	-2.82%	-6.94%	-7.60%	-8.10%	-8.06%	-8.68%	-9.04%	-9.31%	-8.85%	-8.55%	-7.79%
Former Soviet Union											
Baseline	523	513	510	508	503	495	490	486	484	482	
Change	18.2	1.4	-0.4	-2.7	-5.6	-13.4	-19.9	-24.2	-23.9	-22.8	-9.32
% chg	3.49%	0.27%	-0.08%	-0.53%	-1.10%	-2.70%	-4.07%	-4.98%	-4.94%	-4.73%	-1.94%
Japan											
Baseline	811	747	723	723	733	730	729	718	714	734	
Change	29.4	-21.0	-50.5	-56.6	-54.0	-55.7	-59.3	-70.7	-83.1	-96.1	-51.76
% chg	3.63%	-2.82%	-6.99%	-7.83%	-7.36%	-7.63%	-8.14%	-9.85%	-11.64%	-13.08%	-7.17%
Canada											
Baseline	1,157	1,176	1,200	1,230	1,301	1,355	1,398	1,401	1,427	0	
Change	15.9	-38.2	-117.1	-176.9	-195.1	-183.7	-162.4	-163.2	-174.9	-117.6	-117.57
% chg	1.37%	-3.25%	-9.76%	-14.38%	-14.99%	-13.56%	-11.61%	-11.65%	-12.26%	-8.82%	8.82%
China											
Baseline	99	205	357	473	667	839	942	1,008	1,067	1,117	
Change	51.4	98.7	132.2	160.8	180.9	212.1	234.3	250.6	255.2	255.2	183.12
% chg	51.70%	48.13%	37.06%	34.03%	27.11%	25.28%	24.87%	24.85%	23.92%	22.86%	31.98%
South Korea											
Baseline	1,320	1,255	1,283	1,343	1,403	1,469	1,528	1,583	1,626	1,670	
Change	99.9	68.5	36.7	32.7	13.4	-20.6	-53.2	-73.8	-77.3	-83.1	-5.70
% chg	7.56%	5.45%	2.86%	2.44%	0.95%	-1.41%	-3.48%	-4.66%	-4.76%	-4.98%	0.00%
Taiwan											
Baseline	83	17	23	37	48	58	58	45	41	50	
Change	-0.8	11.2	-4.0	-9.7	-42.5	-75.1	-104.2	-117.3	-125.2	-139.0	-60.65
% chg	-0.9%	66.4%	-17.7%	-26.5%	-88.8%	-130.1%	-178.3%	-260.5%	-306.0%	-280.2%	-122.27%

Table A.12. Soybean Meal Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	16,655	16,849	16,989	17,147	17,328	17,505	17,668	17,832	17,998	18,106	
Change	-142.9	-129.9	-117.2	-105.3	-74.3	-39.5	-10.1	11.7	44.9	67.7	-49.50
% chg	-0.86%	-0.77%	-0.69%	-0.61%	-0.43%	-0.23%	-0.06%	0.07%	0.25%	0.37%	-0.30%
Consumption											
Baseline	221	223	225	225	224	224	225	225	226	228	
Change	-3.0	-6.1	-6.4	-9.0	-9.8	-10.9	-10.5	-10.8	-11.5	-12.1	-9.00
% chg	-1.37%	-2.72%	-2.87%	-3.99%	-4.38%	-4.85%	-4.68%	-4.81%	-5.08%	-5.29%	-4.00%
Brazil											
Production											
Baseline	19,125	19,621	20,101	20,589	21,087	21,583	22,076	22,567	23,060	23,535	
Change	601.2	615.9	640.3	664.6	700.5	737.9	770.1	799.1	832.6	847.2	720.94
% chg	3.14%	3.14%	3.19%	3.23%	3.32%	3.42%	3.49%	3.54%	3.61%	3.60%	3.37%
Consumption											
Baseline	8,216	8,732	9,174	9,661	10,135	10,671	11,259	11,832	12,427	12,752	
Change	306.6	473.9	591.7	654.0	739.4	832.6	954.7	1,048.1	1,127.1	1,199.2	792.72
% chg	3.73%	5.43%	6.45%	6.77%	7.30%	7.80%	8.48%	8.86%	9.07%	9.40%	7.33%
United States											
Production											
Baseline	37,122	37,937	38,497	39,152	39,836	40,527	41,205	41,911	42,589	43,334	
Change	483.0	167.5	251.4	248.8	370.7	482.9	612.8	699.8	776.7	847.6	494.12
% chg	1.30%	0.44%	0.65%	0.64%	0.93%	1.19%	1.49%	1.67%	1.82%	1.96%	1.21%
Consumption											
Baseline	30,207	30,599	30,924	31,318	31,748	32,230	32,652	33,122	33,492	34,011	
Change	857.0	1,079.2	1,382.9	1,533.7	1,622.2	1,629.0	1,645.7	1,685.5	1,732.4	1,745.1	1,491.27
% chg	2.84%	3.53%	4.47%	4.90%	5.11%	5.05%	5.04%	5.09%	5.17%	5.13%	4.63%
European Union											
Production											
Baseline	14,704	14,787	14,763	14,769	14,815	14,862	14,916	15,000	15,035	15,147	
Change	-141.3	-237.3	-188.3	-194.9	-111.0	-42.4	36.3	88.0	132.6	168.0	-49.04
% chg	-0.96%	-1.61%	-1.28%	-1.32%	-0.75%	-0.29%	0.24%	0.59%	0.88%	1.11%	-0.34%
Consumption											
Baseline	29,816	30,200	30,260	30,331	30,378	30,329	30,329	30,400	30,510	30,706	
Change	-646.0	-969.9	-1,295.8	-1,524.7	-1,525.5	-1,339.2	-1,194.5	-1,101.9	-1,072.5	-986.8	-1,165.68
% chg	-2.17%	-3.21%	-4.28%	-5.03%	-5.02%	-4.42%	-3.94%	-3.62%	-3.52%	-3.21%	-3.84%
China											
Production											
Baseline	17,599	17,977	18,317	18,706	19,065	19,442	19,888	20,393	20,918	21,455	
Change	-55.5	-69.8	-62.7	-62.5	-52.2	-45.1	-37.8	-33.6	-29.9	-27.5	-47.65
% chg	-0.32%	-0.39%	-0.34%	-0.33%	-0.27%	-0.23%	-0.19%	-0.16%	-0.14%	-0.13%	-0.25%
Consumption											
Baseline	17,699	18,182	18,673	19,179	19,732	20,281	20,830	21,401	21,985	22,572	
Change	-4.1	28.8	69.5	98.3	128.7	167.0	196.5	217.0	225.3	227.7	135.48
% chg	-0.02%	0.16%	0.37%	0.51%	0.65%	0.82%	0.94%	1.01%	1.02%	1.01%	0.65%
India											
Production											
Baseline	3,893	3,962	4,084	4,200	4,337	4,467	4,596	4,720	4,833	4,955	
Change	-54.4	-54.4	-113.2	-159.2	-220.3	-268.7	-312.9	-347.9	-366.7	-388.6	-228.62
% chg	-1.40%	-1.37%	-2.77%	-3.79%	-5.08%	-6.02%	-6.81%	-7.37%	-7.59%	-7.84%	-5.00%
Consumption											
Baseline	1,524	1,528	1,529	1,532	1,535	1,538	1,542	1,548	1,553	1,562	
Change	-122.7	-124.7	-121.3	-121.3	-119.3	-119.5	-120.1	-122.1	-124.1	-128.6	-122.38
% chg	-8.05%	-8.16%	-7.93%	-7.92%	-7.77%	-7.77%	-7.79%	-7.88%	-7.99%	-8.23%	-7.95%

Table A.13. Soybean Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	347	348	356	364	373	383	396	408	422	437	
Change	28.8	32.4	33.1	33.1	30.7	26.7	23.1	20.1	17.9	15.6	26.16
% chg	8.30%	9.32%	9.30%	9.07%	8.25%	6.97%	5.85%	4.91%	4.23%	3.56%	6.98%
Total Trade	(Thousand Metric Tons)										
Baseline	7,118	7,253	7,376	7,508	7,647	7,781	7,903	8,027	8,157	8,287	
Change	356.7	277.8	302.2	306.1	341.1	368.6	404.2	429.4	456.1	474.1	371.62
% chg	5.01%	3.83%	4.10%	4.08%	4.46%	4.74%	5.11%	5.35%	5.59%	5.72%	4.80%
Exports of Selected Countries											
Argentina											
Baseline	3,549	3,590	3,620	3,654	3,694	3,732	3,768	3,804	3,841	3,863	
Change	-31.2	-27.4	-25.3	-22.5	-16.5	-9.0	-3.2	1.4	8.3	13.3	-11.21
% chg	-0.88%	-0.76%	-0.70%	-0.61%	-0.45%	-0.24%	-0.08%	0.04%	0.22%	0.34%	-0.31%
Brazil											
Baseline	1,366	1,430	1,502	1,571	1,643	1,716	1,786	1,856	1,926	1,974	
Change	175.9	172.3	176.8	179.2	181.1	183.1	185.2	187.6	191.5	193.5	182.61
% chg	12.88%	12.05%	11.77%	11.41%	11.02%	10.67%	10.37%	10.11%	9.94%	9.80%	11.00%
United States											
Baseline	1,032	1,094	1,138	1,187	1,224	1,253	1,274	1,289	1,321	1,371	
Change	243.0	175.3	185.4	184.1	198.2	205.9	222.4	233.1	243.5	249.9	214.09
% chg	23.54%	16.02%	16.29%	15.51%	16.19%	16.42%	17.46%	18.08%	18.44%	18.23%	17.62%
Imports of Selected Countries											
Eastern Europe											
Baseline	188	191	195	199	203	208	213	217	222	227	
Change	4.5	3.8	3.9	3.8	3.9	3.9	4.0	4.0	4.1	4.1	4.01
% chg	2.39%	2.01%	2.01%	1.93%	1.94%	1.86%	1.87%	1.83%	1.85%	1.80%	1.95%
Former Soviet Union											
Baseline	360	365	371	378	385	393	401	409	419	428	
Change	10.6	7.1	7.8	7.4	7.8	7.8	8.2	8.2	8.5	8.6	8.20
% chg	2.93%	1.94%	2.11%	1.95%	2.04%	1.99%	2.04%	2.00%	2.04%	2.00%	2.10%
Japan											
Baseline	1	0	2	3	4	4	4	4	3	5	
Change	50.6	39.6	39.2	38.4	38.4	37.9	37.6	37.1	36.8	35.8	39.14
% chg	3665%	15018%	1782%	1141%	1004%	1050%	840%	982%	1085%	726%	2729.28%
China											
Baseline	451	500	566	637	720	802	869	931	997	1,061	
Change	36.8	20.4	28.7	27.9	38.2	45.1	55.8	62.2	70.4	76.0	46.15
% chg	8.16%	4.08%	5.08%	4.37%	5.31%	5.62%	6.42%	6.68%	7.06%	7.17%	6.00%
India											
Baseline	1,339	1,408	1,459	1,509	1,557	1,609	1,663	1,722	1,786	1,853	
Change	40.1	27.6	40.8	50.0	68.0	82.3	98.0	109.3	118.1	126.3	76.08
% chg	3.00%	1.96%	2.80%	3.32%	4.37%	5.12%	5.90%	6.35%	6.61%	6.82%	4.62%
South Korea											
Baseline	144	159	172	182	192	200	209	217	225	232	
Change	7.9	9.1	7.3	7.6	6.1	5.1	3.8	3.1	2.5	1.6	5.41
% chg	5.47%	5.74%	4.25%	4.19%	3.18%	2.57%	1.81%	1.44%	1.10%	0.68%	3.04%
Taiwan											
Baseline	69	68	73	81	87	91	96	99	103	105	
Change	-0.7	3.9	2.2	2.7	0.0	-2.0	-4.9	-6.6	-8.3	-9.7	-2.33
% chg	-1.08%	5.71%	3.02%	3.38%	0.03%	-2.14%	-5.08%	-6.68%	-8.02%	-9.23%	-2.01%

Table A.14. Soybean Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	3,701	3,744	3,775	3,810	3,851	3,890	3,926	3,963	4,000	4,024	
Change	-31.8	-28.9	-26.1	-23.4	-16.5	-8.8	-2.2	2.6	10.0	15.1	-11.00
% chg	-0.86%	-0.77%	-0.69%	-0.61%	-0.43%	-0.23%	-0.06%	0.07%	0.25%	0.37%	-0.30%
Consumption											
Baseline	153	154	155	156	157	158	159	159	159	161	
Change	0.0	-1.3	-0.7	-1.0	-0.2	0.1	0.8	1.1	1.6	1.7	0.20
% chg	-0.02%	-0.87%	-0.47%	-0.64%	-0.13%	0.06%	0.50%	0.66%	1.00%	1.05%	0.12%
Brazil											
Production											
Baseline	4,600	4,719	4,834	4,952	5,072	5,191	5,309	5,428	5,546	5,660	
Change	144.6	148.1	154.0	159.8	168.5	177.5	185.2	192.2	200.2	203.8	173.39
% chg	3.14%	3.14%	3.19%	3.23%	3.32%	3.42%	3.49%	3.54%	3.61%	3.60%	3.37%
Consumption											
Baseline	3,238	3,290	3,336	3,385	3,433	3,481	3,530	3,579	3,628	3,689	
Change	-20.0	-22.9	-22.8	-20.3	-14.9	-8.3	-2.3	2.7	7.2	9.5	-9.20
% chg	-0.62%	-0.70%	-0.68%	-0.60%	-0.43%	-0.24%	-0.06%	0.08%	0.20%	0.26%	-0.28%
United States											
Production											
Baseline	8,785	8,982	9,118	9,278	9,444	9,612	9,777	9,949	10,114	10,296	
Change	114.3	39.7	59.5	59.0	87.9	114.5	145.4	166.1	184.4	201.4	117.22
% chg	1.30%	0.44%	0.65%	0.64%	0.93%	1.19%	1.49%	1.67%	1.82%	1.96%	1.21%
Consumption											
Baseline	7,710	7,856	7,963	8,075	8,201	8,343	8,491	8,649	8,784	8,917	
Change	-110.2	-125.4	-127.1	-125.6	-116.5	-100.9	-86.7	-74.6	-65.4	-56.2	-98.85
% chg	-1.43%	-1.60%	-1.60%	-1.56%	-1.42%	-1.21%	-1.02%	-0.86%	-0.74%	-0.63%	-1.21%
European Union											
Production											
Baseline	3,308	3,327	3,322	3,323	3,333	3,344	3,356	3,375	3,383	3,408	
Change	-31.8	-53.4	-42.4	-43.9	-25.0	-9.6	8.2	19.8	29.8	37.8	-11.04
% chg	-0.96%	-1.61%	-1.28%	-1.32%	-0.75%	-0.29%	0.24%	0.59%	0.88%	1.11%	-0.34%
Consumption											
Baseline	2,137	2,187	2,206	2,227	2,248	2,265	2,282	2,298	2,313	2,329	
Change	-0.5	-10.9	-7.7	-9.1	-3.4	1.5	8.1	12.3	16.9	20.3	2.76
% chg	-0.02%	-0.50%	-0.35%	-0.41%	-0.15%	0.06%	0.36%	0.54%	0.73%	0.87%	0.11%
China											
Production											
Baseline	3,520	3,595	3,663	3,741	3,813	3,888	3,978	4,079	4,184	4,291	
Change	-11.1	-14.0	-12.5	-12.5	-10.4	-9.0	-7.6	-6.7	-6.0	-5.5	-9.53
% chg	-0.32%	-0.39%	-0.34%	-0.33%	-0.27%	-0.23%	-0.19%	-0.16%	-0.14%	-0.13%	-0.25%
Consumption											
Baseline	3,976	4,097	4,228	4,376	4,527	4,685	4,844	5,009	5,179	5,351	
Change	24.9	7.6	16.2	15.1	26.9	34.8	47.2	54.6	63.8	69.9	36.09
% chg	0.63%	0.18%	0.38%	0.34%	0.59%	0.74%	0.97%	1.09%	1.23%	1.31%	0.75%
India											
Production											
Baseline	898	914	943	969	1,001	1,031	1,061	1,089	1,115	1,143	
Change	-12.6	-12.5	-26.1	-36.7	-50.8	-62.0	-72.2	-80.3	-84.6	-89.7	-52.76
% chg	-1.40%	-1.37%	-2.77%	-3.79%	-5.08%	-6.02%	-6.81%	-7.37%	-7.59%	-7.84%	-5.00%
Consumption											
Baseline	2,237	2,323	2,401	2,478	2,557	2,639	2,723	2,811	2,902	2,996	
Change	27.6	15.1	14.7	13.3	17.2	20.3	25.8	29.1	33.5	36.6	23.32
% chg	1.23%	0.65%	0.61%	0.54%	0.67%	0.77%	0.95%	1.03%	1.15%	1.22%	0.88%

Table A.15. Rapeseed Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	208	220	225	227	231	235	237	240	243	246	
Change	35.2	35.3	43.4	38.7	43.6	46.6	52.1	55.8	60.8	65.7	47.72
% chg	16.97%	16.03%	19.32%	17.01%	18.89%	19.85%	21.99%	23.24%	25.08%	26.66%	20.51%
Total Trade	(Thousand Metric Tons)										
Baseline	5,968	6,074	6,338	6,497	6,656	6,800	6,937	7,096	7,255	7,420	
Change	-13.4	341.5	318.3	281.0	291.6	319.9	349.0	386.1	417.1	452.9	314.42
% chg	-0.22%	5.62%	5.02%	4.33%	4.38%	4.70%	5.03%	5.44%	5.75%	6.10%	4.62%
Exports of Selected Countries											
Australia											
Baseline	1,353	1,368	1,394	1,408	1,442	1,468	1,485	1,508	1,533	1,560	
Change	-3.0	76.4	71.2	64.3	69.7	76.1	77.8	83.3	87.4	94.1	69.71
% chg	-0.22%	5.58%	5.11%	4.56%	4.83%	5.18%	5.24%	5.52%	5.70%	6.03%	4.75%
Canada											
Baseline	3,606	3,670	3,829	3,928	4,005	4,072	4,143	4,223	4,302	4,384	
Change	19.8	276.8	262.4	237.0	241.4	257.3	277.8	301.4	321.3	343.9	253.91
% chg	0.55%	7.54%	6.85%	6.03%	6.03%	6.32%	6.70%	7.14%	7.47%	7.84%	6.25%
Eastern Europe											
Baseline	842	861	926	958	994	1,034	1,071	1,114	1,157	1,202	
Change	-56.8	-45.9	-50.0	-52.7	-51.5	-46.5	-40.5	-34.4	-29.1	-24.5	-43.18
% chg	-6.75%	-5.33%	-5.40%	-5.50%	-5.18%	-4.49%	-3.78%	-3.09%	-2.52%	-2.04%	-4.41%
Former Soviet Union											
Baseline	167	175	190	202	215	226	238	251	263	274	
Change	26.6	34.2	34.8	32.4	32.0	33.1	33.9	35.8	37.5	39.5	33.98
% chg	15.94%	19.57%	18.35%	16.00%	14.93%	14.63%	14.25%	14.28%	14.26%	14.44%	15.66%
Imports of Selected Countries											
China											
Baseline	1,616	1,810	2,131	2,190	2,181	2,161	2,158	2,213	2,290	2,403	
Change	133.9	136.9	197.1	188.2	208.8	184.4	192.6	187.7	185.1	173.3	178.81
% chg	8.28%	7.56%	9.25%	8.59%	9.58%	8.54%	8.93%	8.49%	8.08%	7.21%	8.45%
European Union											
Baseline	286	264	233	282	373	456	545	579	621	666	
Change	-541.4	-371.2	-344.1	-452.7	-409.2	-365.9	-311.2	-264.4	-207.6	-157.1	-342.47
% chg	-189.4%	-140.7%	-147.9%	-160.7%	-109.7%	-80.3%	-57.1%	-45.7%	-33.4%	-23.6%	-98.85%
India											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	208.3	336.9	274.0	304.4	288.1	289.1	286.6	289.0	291.1	298.6	286.62
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Japan											
Baseline	2,174	2,175	2,194	2,211	2,229	2,245	2,261	2,275	2,290	2,305	
Change	-106.1	-86.1	-92.8	-87.1	-90.5	-87.9	-88.7	-86.7	-86.5	-85.2	-89.75
% chg	-4.88%	-3.96%	-4.23%	-3.94%	-4.06%	-3.91%	-3.92%	-3.81%	-3.78%	-3.70%	-4.02%
Rest of World											
Baseline	1,738	1,672	1,627	1,661	1,720	1,786	1,820	1,877	1,901	1,893	
Change	291.9	325.0	284.1	328.2	294.4	300.2	269.7	260.4	235.0	223.3	281.22
% chg	16.79%	19.44%	17.46%	19.76%	17.11%	16.81%	14.82%	13.87%	12.36%	11.80%	16.02%

Table A.16. Rapeseed Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	1,771	1,795	1,830	1,858	1,903	1,939	1,967	2,001	2,037	2,074	
Change	0.0	79.7	74.6	67.9	73.4	79.3	80.7	86.0	90.0	96.5	72.81
% chg	0.00%	4.44%	4.08%	3.66%	3.86%	4.09%	4.10%	4.30%	4.42%	4.65%	3.76%
Consumption											
Baseline	418	427	436	449	461	472	482	493	504	514	
Change	3.0	3.3	3.5	3.7	3.7	3.2	3.0	2.7	2.6	2.5	3.10
% chg	0.71%	0.78%	0.79%	0.81%	0.79%	0.68%	0.62%	0.55%	0.51%	0.48%	0.67%
Canada											
Production											
Baseline	7,333	7,354	7,551	7,699	7,823	7,942	8,077	8,206	8,337	8,465	
Change	0.0	361.8	319.5	318.8	301.2	319.3	323.8	346.1	354.5	370.8	301.59
% chg	0.00%	4.92%	4.23%	4.14%	3.85%	4.02%	4.01%	4.22%	4.25%	4.38%	3.80%
Consumption											
Baseline	3,698	3,693	3,720	3,766	3,813	3,870	3,931	3,981	4,034	4,080	
Change	0.4	75.2	59.9	77.9	62.9	62.9	49.4	46.0	35.7	29.0	49.93
% chg	0.01%	2.04%	1.61%	2.07%	1.65%	1.63%	1.26%	1.15%	0.89%	0.71%	1.30%
Eastern Europe											
Production											
Baseline	2,740	2,768	2,835	2,893	2,953	3,010	3,065	3,122	3,181	3,240	
Change	0.0	31.4	20.5	23.7	19.1	22.7	22.6	26.0	26.7	29.1	22.18
% chg	0.00%	1.13%	0.72%	0.82%	0.65%	0.76%	0.74%	0.83%	0.84%	0.90%	0.74%
Consumption											
Baseline	1,896	1,908	1,910	1,935	1,959	1,975	1,994	2,007	2,023	2,038	
Change	56.5	76.7	70.7	76.2	70.8	69.3	63.3	60.4	56.0	53.7	65.35
% chg	2.98%	4.02%	3.70%	3.94%	3.61%	3.51%	3.18%	3.01%	2.77%	2.64%	3.33%
China											
Production											
Baseline	11,953	11,748	11,983	12,087	12,188	12,289	12,463	12,646	12,815	12,952	
Change	-1.1	-32.7	-84.8	-91.5	-104.8	-83.8	-85.0	-79.1	-69.6	-54.2	-68.67
% chg	-0.01%	-0.28%	-0.71%	-0.76%	-0.86%	-0.68%	-0.68%	-0.63%	-0.54%	-0.42%	-0.56%
Consumption											
Baseline	13,569	13,558	14,114	14,277	14,369	14,450	14,621	14,859	15,105	15,355	
Change	132.8	104.1	112.3	96.7	104.0	100.6	107.7	108.7	115.5	119.1	110.14
% chg	0.98%	0.77%	0.80%	0.68%	0.72%	0.70%	0.74%	0.73%	0.76%	0.78%	0.76%
India											
Production											
Baseline	4,818	4,786	4,967	4,979	5,054	5,102	5,151	5,191	5,235	5,277	
Change	0.0	-232.4	-301.9	-294.3	-315.2	-309.1	-305.2	-293.8	-287.5	-280.0	-261.94
% chg	0.00%	-4.86%	-6.08%	-5.91%	-6.24%	-6.06%	-5.92%	-5.66%	-5.49%	-5.31%	-5.15%
Consumption											
Baseline	4,783	4,820	4,961	4,977	5,052	5,100	5,145	5,187	5,231	5,273	
Change	100.3	83.4	-23.0	6.2	-22.6	-18.4	-12.9	-2.1	8.0	21.8	14.06
% chg	2.10%	1.73%	-0.46%	0.12%	-0.45%	-0.36%	-0.25%	-0.04%	0.15%	0.41%	0.30%
Japan											
Production											
Baseline	2	3	3	3	3	3	3	3	3	3	
Change	0.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.01
% chg	0.00%	-38.61%	-39.96%	-40.35%	-40.80%	-41.03%	-41.33%	-41.39%	-41.53%	-41.55%	-36.65%
Consumption											
Baseline	2,161	2,181	2,194	2,210	2,228	2,244	2,259	2,274	2,289	2,306	
Change	-95.7	-92.2	-92.6	-90.2	-90.1	-88.8	-88.5	-87.5	-86.7	-85.6	-89.79
% chg	-4.43%	-4.23%	-4.22%	-4.08%	-4.05%	-3.96%	-3.92%	-3.85%	-3.79%	-3.71%	-4.02%

Table A.17. Rapeseed Meal Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price											
	(U.S. Dollars per Metric Ton)										
Baseline	129	136	136	139	143	147	149	151	154	156	
Change	-0.9	-4.8	-4.4	-6.0	-4.5	-2.7	-0.5	0.5	1.7	3.8	-1.78
% chg	-0.71%	-3.52%	-3.27%	-4.34%	-3.14%	-1.82%	-0.35%	0.35%	1.14%	2.44%	-1.32%
Total Trade											
	(Thousand Metric Tons)										
Baseline	2,438	2,473	2,607	2,580	2,499	2,387	2,332	2,319	2,320	2,326	
Change	698.3	623.8	644.2	616.3	609.8	612.1	630.8	641.3	643.5	640.6	636.08
% chg	28.65%	25.22%	24.71%	23.89%	24.40%	25.65%	27.05%	27.66%	27.74%	27.54%	26.25%
Exports of Selected Countries											
Australia											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	-2.2	-1.9	-2.0	6.3	12.4	14.4	18.2	20.3	23.2	24.2	11.27
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canada											
Baseline	1,334	1,316	1,322	1,335	1,352	1,364	1,383	1,398	1,424	1,443	
Change	197.2	220.6	200.3	191.6	170.6	165.6	160.6	162.8	156.6	148.9	177.48
% chg	14.78%	16.76%	15.16%	14.35%	12.62%	12.14%	11.61%	11.64%	11.00%	10.32%	13.04%
Eastern Europe											
Baseline	446	450	434	442	445	442	442	437	434	429	
Change	55.2	81.7	83.7	87.2	87.2	92.3	93.8	95.1	91.6	90.0	85.79
% chg	12.38%	18.16%	19.30%	19.74%	19.58%	20.87%	21.22%	21.76%	21.11%	20.98%	19.51%
Former Soviet Union											
Baseline	9	10	9	10	11	13	14	14	15	15	
Change	-13.6	-12.9	-13.3	-13.1	-13.0	-12.3	-11.8	-11.5	-11.6	-12.0	-12.51
% chg	-157.6%	-124.2%	-139.9%	-129.8%	-114.9%	-95.6%	-85.1%	-80.2%	-79.9%	-80.4%	-108.8%
Imports of Selected Countries											
China											
Baseline	-600	-595	-772	-718	-603	-466	-390	-362	-336	-319	
Change	-510.9	-438.0	-445.9	-418.5	-440.3	-452.5	-473.9	-481.2	-494.7	-510.4	-466.63
% chg	85.11%	73.65%	57.79%	58.27%	73.02%	97.02%	121.57%	132.82%	147.02%	160.16%	100.64%
European Union											
Baseline	585	622	666	629	554	458	400	368	349	333	
Change	1,010.7	1,012.0	955.7	931.4	929.7	964.3	991.8	1,019.2	1,033.8	1,062.1	991.06
% chg	172.7%	162.7%	143.4%	148.1%	167.7%	210.4%	248.1%	276.9%	296.4%	319.0%	214.55%
India											
Baseline	-49	-102	-70	-74	-88	-100	-104	-107	-111	-121	
Change	131.6	174.9	202.0	219.4	219.8	214.1	203.8	192.0	178.2	159.4	189.52
% chg	-268.0%	-171.8%	-286.5%	-296.0%	-251.2%	-213.2%	-196.1%	-180.2%	-160.5%	-131.8%	-215.5%
Japan											
Baseline	86	62	69	72	77	79	83	84	86	92	
Change	44.9	41.0	35.0	36.1	35.3	34.4	32.1	28.8	24.7	22.0	33.43
% chg	52.01%	65.82%	51.06%	50.07%	45.72%	43.41%	38.52%	34.41%	28.61%	24.03%	43.37%
Rest of World											
Baseline	1,597	1,620	1,703	1,710	1,698	1,680	1,680	1,698	1,715	1,733	
Change	-439.8	-502.3	-478.0	-496.4	-487.5	-500.3	-493.0	-492.1	-482.3	-482.0	-485.36
% chg	-27.54%	-31.00%	-28.07%	-29.03%	-28.70%	-29.78%	-29.34%	-28.99%	-28.11%	-27.82%	-28.84%

Table A.18. Rapeseed Meal Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	231	236	241	249	255	261	267	273	279	285	
Change	1.7	1.7	1.8	1.9	1.9	1.6	1.5	1.4	1.3	1.2	1.60
% chg	0.72%	0.72%	0.74%	0.77%	0.75%	0.63%	0.57%	0.50%	0.46%	0.43%	0.63%
Consumption											
Baseline	231	236	241	249	255	261	267	273	279	285	
Change	3.8	3.6	3.8	-4.4	-10.5	-12.8	-16.7	-18.9	-21.9	-22.9	-9.67
% chg	1.65%	1.54%	1.58%	-1.75%	-4.09%	-4.89%	-6.24%	-6.92%	-7.84%	-8.06%	-3.50%
Canada											
Production											
Baseline	1,836	1,837	1,849	1,874	1,900	1,933	1,967	1,996	2,025	2,052	
Change	201.0	229.9	222.9	233.5	225.7	225.2	217.3	214.6	208.5	204.2	218.28
% chg	10.95%	12.52%	12.05%	12.46%	11.88%	11.65%	11.04%	10.75%	10.29%	9.95%	11.35%
Consumption											
Baseline	502	521	527	538	548	569	585	598	601	609	
Change	3.8	9.1	22.6	41.9	55.2	59.6	56.8	51.9	52.0	55.3	40.81
% chg	0.76%	1.74%	4.28%	7.78%	10.07%	10.48%	9.71%	8.69%	8.64%	9.09%	7.12%
Eastern Europe											
Production											
Baseline	1,068	1,075	1,075	1,090	1,104	1,113	1,123	1,131	1,140	1,148	
Change	33.3	44.8	41.4	44.6	41.5	40.6	37.1	35.3	32.7	31.4	38.27
% chg	3.12%	4.17%	3.85%	4.09%	3.76%	3.65%	3.30%	3.13%	2.87%	2.73%	3.47%
Consumption											
Baseline	619	625	641	647	658	670	681	693	706	719	
Change	-22.1	-37.8	-42.2	-43.0	-45.3	-51.3	-56.3	-59.6	-58.6	-58.3	-47.45
% chg	-3.57%	-6.04%	-6.59%	-6.63%	-6.88%	-7.66%	-8.27%	-8.60%	-8.31%	-8.11%	-7.07%
China											
Production											
Baseline	7,782	7,797	8,137	8,239	8,295	8,343	8,446	8,590	8,741	8,895	
Change	581.6	562.5	570.7	560.4	566.4	563.6	568.9	569.5	573.9	575.9	569.34
% chg	7.47%	7.21%	7.01%	6.80%	6.83%	6.76%	6.74%	6.63%	6.57%	6.47%	6.85%
Consumption											
Baseline	7,182	7,203	7,366	7,520	7,692	7,877	8,056	8,228	8,404	8,577	
Change	70.7	124.5	124.8	141.9	126.1	111.1	94.9	88.3	79.2	65.5	102.71
% chg	0.98%	1.73%	1.69%	1.89%	1.64%	1.41%	1.18%	1.07%	0.94%	0.76%	1.33%
India											
Production											
Baseline	2,793	2,816	2,837	2,867	2,900	2,935	2,971	3,007	3,044	3,083	
Change	17.5	53.6	51.5	65.7	74.4	83.5	89.8	100.3	109.7	121.2	76.73
% chg	0.63%	1.90%	1.81%	2.29%	2.57%	2.84%	3.02%	3.34%	3.60%	3.93%	2.59%
Consumption											
Baseline	2,744	2,714	2,767	2,793	2,813	2,835	2,867	2,900	2,933	2,962	
Change	149.2	228.5	253.4	285.1	294.3	297.6	293.6	292.3	287.9	280.5	266.24
% chg	5.44%	8.42%	9.16%	10.21%	10.46%	10.50%	10.24%	10.08%	9.81%	9.47%	9.38%
Japan											
Production											
Baseline	1,186	1,196	1,203	1,212	1,221	1,231	1,238	1,247	1,255	1,264	
Change	-52.6	-49.5	-49.6	-48.3	-48.2	-47.5	-47.3	-46.7	-46.3	-45.7	-48.16
% chg	-4.43%	-4.14%	-4.12%	-3.99%	-3.95%	-3.86%	-3.82%	-3.75%	-3.69%	-3.61%	-3.93%
Consumption											
Baseline	1,269	1,259	1,271	1,283	1,298	1,309	1,321	1,329	1,341	1,355	
Change	-7.8	-9.3	-14.5	-12.5	-12.6	-12.8	-14.7	-17.8	-21.4	-23.4	-14.67
% chg	-0.62%	-0.74%	-1.14%	-0.98%	-0.97%	-0.97%	-1.12%	-1.34%	-1.59%	-1.72%	-1.12%

Table A.19. Rapeseed Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price (U.S. Dollars per Metric Ton)											
Baseline	438	462	475	484	494	506	515	525	534	545	
Change	54.1	45.4	50.6	47.3	52.1	52.7	57.4	59.5	63.9	66.7	54.96
% chg	12.35%	9.81%	10.66%	9.78%	10.56%	10.42%	11.14%	11.34%	11.98%	12.24%	11.03%
Total Trade (Thousand Metric Tons)											
Baseline	1,346	1,329	1,335	1,380	1,442	1,508	1,561	1,596	1,630	1,659	
Change	-32.4	-4.5	-11.4	2.6	-1.8	0.5	-3.9	-4.6	-8.2	-10.2	-7.40
% chg	-2.41%	-0.34%	-0.85%	0.19%	-0.13%	0.03%	-0.25%	-0.29%	-0.50%	-0.62%	-0.52%
Exports of Selected Countries											
Australia											
Baseline	59	60	61	66	69	70	72	74	77	79	
Change	1.1	1.2	0.9	1.3	1.3	1.2	1.2	1.3	1.4	1.4	1.25
% chg	1.96%	2.06%	1.52%	2.01%	1.93%	1.79%	1.70%	1.76%	1.79%	1.74%	1.83%
Canada											
Baseline	771	767	767	775	784	800	816	827	839	849	
Change	10.3	27.9	24.0	30.7	26.1	25.9	21.3	19.8	16.2	13.6	21.58
% chg	1.33%	3.64%	3.13%	3.97%	3.33%	3.24%	2.61%	2.39%	1.93%	1.60%	2.72%
Eastern Europe											
Baseline	74	84	82	89	94	95	97	98	99	100	
Change	24.7	31.7	28.7	30.8	29.0	29.0	27.3	26.8	25.6	25.3	27.89
% chg	33.54%	37.60%	35.13%	34.76%	30.78%	30.46%	27.98%	27.41%	25.78%	25.31%	30.88%
European Union											
Baseline	443	418	425	451	494	543	576	596	615	630	0
WTO	374	352	360	391	436	487	522	544	563	580	0
Change	68.6	65.4	65.1	60.3	58.3	55.7	53.7	52.5	51.4	50.5	58.13
% chg	15.5%	15.6%	15.3%	13.4%	11.8%	10.3%	9.3%	8.8%	8.4%	8.0%	11.64%
Imports of Selected Countries											
China											
Baseline	135	191	148	183	251	330	375	390	406	418	
Change	-57.1	-31.0	-35.4	-23.4	-29.1	-27.9	-33.4	-35.3	-39.4	-41.8	-35.37
% chg	-42.28%	-16.23%	-23.87%	-12.83%	-11.59%	-8.43%	-8.90%	-9.05%	-9.70%	-9.98%	-15.29%
Former Soviet Union											
Baseline	120	121	127	133	139	146	154	162	171	181	0
WTO	133	134	140	146	152	159	166	174	183	193	0
Change	-12.8	-13.2	-13.5	-13.3	-13.1	-12.8	-12.4	-12.0	-11.7	-11.3	-12.61
% chg	-10.69%	-10.91%	-10.64%	-9.99%	-9.42%	-8.78%	-8.09%	-7.41%	-6.81%	-6.25%	-8.90%
India											
Baseline	48	16	37	48	56	63	75	89	103	115	
Change	150.2	172.4	169.9	176.9	178.3	182.7	183.1	184.7	184.8	186.1	176.91
% chg	311.2%	1095.5%	455.4%	371.8%	320.2%	291.6%	243.2%	208.7%	179.3%	161.5%	363.8%
Japan											
Baseline	31	16	20	24	26	28	33	36	39	39	
Change	59.4	59.9	56.2	58.3	54.8	53.9	50.8	49.4	46.7	44.9	53.43
% chg	193.5%	366.1%	282.2%	246.1%	211.1%	192.7%	153.9%	135.7%	120.1%	115.6%	201.7%
Rest of World											
Baseline	802	775	793	784	760	732	714	708	701	695	
Change	-197.8	-219.1	-215.6	-222.5	-218.9	-221.1	-216.9	-215.4	-211.9	-210.8	-214.98
% chg	-24.65%	-28.27%	-27.19%	-28.39%	-28.82%	-30.22%	-30.36%	-30.40%	-30.25%	-30.33%	-28.89%

Table A.20. Rapeseed Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	165	169	172	178	182	186	191	195	199	203	
Change	1.2	1.2	1.3	1.4	1.4	1.2	1.1	1.0	0.9	0.9	1.14
% chg	0.72%	0.72%	0.74%	0.77%	0.75%	0.63%	0.57%	0.50%	0.46%	0.43%	0.63%
Consumption											
Baseline	107	109	111	112	114	116	118	121	122	124	
Change	0.0	0.0	0.3	0.0	0.0	-0.1	-0.1	-0.3	-0.5	-0.5	-0.11
% chg	0.04%	-0.02%	0.31%	0.04%	0.03%	-0.06%	-0.12%	-0.28%	-0.39%	-0.40%	-0.08%
Canada											
Production											
Baseline	1,307	1,308	1,316	1,334	1,353	1,376	1,400	1,421	1,442	1,461	
Change	0.7	21.3	16.3	23.9	18.3	17.9	12.3	10.4	6.1	3.0	13.01
% chg	0.06%	1.63%	1.24%	1.79%	1.35%	1.30%	0.88%	0.73%	0.42%	0.20%	0.96%
Consumption											
Baseline	536	541	549	559	568	576	585	593	602	611	
Change	-8.7	-6.8	-7.7	-6.9	-7.8	-8.0	-8.9	-9.3	-10.1	-10.6	-8.49
% chg	-1.62%	-1.26%	-1.40%	-1.24%	-1.37%	-1.39%	-1.52%	-1.58%	-1.68%	-1.74%	-1.48%
Eastern Europe											
Production											
Baseline	724	729	729	739	748	754	761	767	773	778	
Change	22.6	30.4	28.1	30.2	28.1	27.5	25.1	24.0	22.2	21.3	25.95
% chg	3.12%	4.17%	3.85%	4.09%	3.76%	3.65%	3.30%	3.13%	2.87%	2.73%	3.47%
Consumption											
Baseline	650	645	647	650	654	659	664	669	674	678	
Change	-2.1	-1.6	-0.5	-0.7	-0.8	-1.5	-2.0	-2.8	-3.3	-4.0	-1.94
% chg	-0.33%	-0.25%	-0.08%	-0.11%	-0.12%	-0.23%	-0.31%	-0.42%	-0.49%	-0.59%	-0.29%
China											
Production											
Baseline	4,142	4,150	4,331	4,385	4,415	4,441	4,495	4,572	4,652	4,735	
Change	43.4	33.3	37.6	32.1	35.3	33.9	36.7	37.0	39.3	40.4	36.91
% chg	1.05%	0.80%	0.87%	0.73%	0.80%	0.76%	0.82%	0.81%	0.85%	0.85%	0.83%
Consumption											
Baseline	4,277	4,341	4,479	4,568	4,666	4,771	4,870	4,963	5,059	5,153	
Change	-13.7	2.3	2.2	8.7	6.2	6.0	3.3	1.7	-0.1	-1.4	1.53
% chg	-0.32%	0.05%	0.05%	0.19%	0.13%	0.13%	0.07%	0.03%	0.00%	-0.03%	0.03%
India											
Production											
Baseline	1,376	1,387	1,397	1,412	1,428	1,446	1,463	1,481	1,499	1,518	
Change	2.7	5.8	4.9	5.1	3.8	3.4	2.1	1.4	0.4	-0.2	2.94
% chg	0.19%	0.41%	0.35%	0.36%	0.27%	0.24%	0.14%	0.10%	0.02%	-0.01%	0.21%
Consumption											
Baseline	1,424	1,403	1,435	1,460	1,484	1,508	1,539	1,569	1,602	1,634	
Change	152.8	178.2	174.8	182.1	182.1	186.2	185.2	186.1	185.1	186.0	179.85
% chg	10.73%	12.70%	12.18%	12.47%	12.27%	12.34%	12.04%	11.86%	11.55%	11.38%	11.95%
Japan											
Production											
Baseline	884	892	897	903	910	917	923	929	936	942	
Change	-39.2	-36.9	-37.0	-36.0	-35.9	-35.4	-35.2	-34.8	-34.5	-34.1	-35.90
% chg	-4.43%	-4.14%	-4.12%	-3.99%	-3.95%	-3.86%	-3.82%	-3.75%	-3.69%	-3.61%	-3.93%
Consumption											
Baseline	913	909	916	926	936	945	955	965	974	981	
Change	15.6	22.2	19.7	22.0	19.2	18.5	15.9	14.7	12.4	11.0	17.11
% chg	1.71%	2.44%	2.15%	2.37%	2.05%	1.96%	1.66%	1.52%	1.28%	1.12%	1.83%

Table A.21. Sunflower Seed Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	257	254	258	260	263	266	268	271	273	276	
Change	20.5	2.8	14.0	5.5	12.0	8.2	12.6	10.4	13.9	13.1	11.30
% chg	7.99%	1.10%	5.41%	2.11%	4.55%	3.10%	4.69%	3.86%	5.10%	4.74%	4.26%
Total Trade	(Thousand Metric Tons)										
Baseline	1,889	1,932	1,906	1,911	1,914	1,922	1,930	1,937	1,942	1,952	
Change	216.7	519.3	363.4	437.8	363.8	442.1	413.9	468.1	455.5	498.7	417.92
% chg	11.47%	26.88%	19.07%	22.91%	19.00%	23.00%	21.44%	24.17%	23.46%	25.55%	21.70%
Exports of Selected Countries											
Argentina											
Baseline	478	411	359	361	330	312	299	281	257	240	
Change	117.5	448.0	240.2	371.6	268.0	356.0	305.5	368.0	338.6	387.4	320.07
% chg	24.56%	108.88%	66.89%	102.91%	81.14%	113.94%	102.22%	131.06%	131.65%	161.35%	102.46%
China											
Baseline	46	38	32	28	32	26	24	24	24	22	
Change	-9.1	-30.0	-38.1	-35.2	-40.4	-37.8	-39.7	-40.0	-40.8	-40.1	-35.13
% chg	-19.90%	-78.92%	-119.3%	-125.2%	-125.7%	-144.9%	-166.3%	-166.6%	-171.4%	-178.2%	-129.64%
Eastern Europe											
Baseline	528	528	544	543	566	597	617	638	661	688	
Change	-536.1	-561.7	-508.2	-542.2	-508.1	-510.3	-483.1	-480.8	-459.6	-459.8	-504.99
% chg	-101.6%	-106.3%	-93.5%	-99.9%	-89.8%	-85.4%	-78.3%	-75.3%	-69.5%	-66.8%	-86.65%
Former Soviet Union											
Baseline	837	954	971	979	986	986	991	994	1,000	1,001	
Change	644.4	662.9	669.6	643.6	644.4	634.1	631.3	620.9	617.3	611.1	637.95
% chg	77.00%	69.51%	68.95%	65.75%	65.36%	64.29%	63.73%	62.47%	61.74%	61.03%	65.98%
Imports of Selected Countries											
European Union											
Baseline	1,199	1,130	1,108	1,091	1,068	1,047	1,029	1,005	982	968	
Change	-753.1	-607.4	-648.9	-652.8	-654.6	-606.9	-582.8	-534.3	-504.9	-464.4	-601.01
% chg	-62.83%	-53.76%	-58.58%	-59.86%	-61.30%	-57.97%	-56.62%	-53.17%	-51.39%	-47.99%	-56.35%
Rest of World											
Baseline	692	804	800	822	848	877	903	934	961	986	
Change	969.8	1,126.7	1,012.3	1,090.5	1,018.4	1,049.0	996.8	1,002.4	960.4	963.0	1,018.92
% chg	140.12%	140.21%	126.57%	132.62%	120.05%	119.56%	110.39%	107.32%	99.89%	97.65%	119.44%

Table A.22. Sunflower Seed Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	4,435	4,405	4,429	4,515	4,567	4,638	4,711	4,780	4,844	4,917	
Change	-1.1	318.1	91.9	233.2	120.9	215.1	161.7	227.9	196.2	248.5	181.25
% chg	-0.02%	7.22%	2.07%	5.17%	2.65%	4.64%	3.43%	4.77%	4.05%	5.05%	3.90%
Consumption											
Baseline	3,954	3,993	4,074	4,155	4,240	4,329	4,415	4,502	4,590	4,680	
Change	-92.7	-146.1	-137.8	-146.2	-140.9	-144.3	-139.6	-141.9	-139.0	-139.5	-136.81
% chg	-2.35%	-3.66%	-3.38%	-3.52%	-3.32%	-3.33%	-3.16%	-3.15%	-3.03%	-2.98%	-3.19%
China											
Production											
Baseline	1,982	1,981	1,986	2,002	2,042	2,053	2,074	2,099	2,122	2,142	
Change	-0.2	-24.4	-40.9	-33.3	-42.9	-36.4	-40.4	-39.2	-41.5	-39.4	-33.85
% chg	-0.01%	-1.23%	-2.06%	-1.66%	-2.10%	-1.77%	-1.95%	-1.87%	-1.96%	-1.84%	-1.64%
Consumption											
Baseline	1,936	1,943	1,954	1,974	2,009	2,027	2,050	2,075	2,098	2,119	
Change	8.9	5.6	-2.8	1.9	-2.4	1.4	-0.7	0.8	-0.7	0.7	1.27
% chg	0.46%	0.29%	-0.14%	0.10%	-0.12%	0.07%	-0.03%	0.04%	-0.03%	0.03%	0.07%
Eastern Europe											
Production											
Baseline	2,343	2,350	2,412	2,493	2,576	2,654	2,728	2,809	2,894	2,981	
Change	0.0	10.2	-36.4	-8.6	-32.8	-14.9	-25.1	-13.9	-19.7	-11.7	-15.30
% chg	0.00%	0.43%	-1.51%	-0.35%	-1.27%	-0.56%	-0.92%	-0.50%	-0.68%	-0.39%	-0.57%
Consumption											
Baseline	1,808	1,819	1,868	1,949	2,008	2,054	2,110	2,170	2,232	2,292	
Change	531.4	567.5	474.7	531.6	477.0	494.8	459.1	466.5	440.7	448.0	489.12
% chg	29.39%	31.20%	25.42%	27.28%	23.75%	24.08%	21.76%	21.50%	19.74%	19.54%	24.37%
Former Soviet Union											
Production											
Baseline	6,140	6,260	6,311	6,411	6,510	6,598	6,699	6,793	6,887	6,973	
Change	0.0	600.1	400.1	514.4	417.7	497.4	452.7	506.0	478.2	517.5	438.41
% chg	0.00%	9.59%	6.34%	8.02%	6.42%	7.54%	6.76%	7.45%	6.94%	7.42%	6.65%
Consumption											
Baseline	5,304	5,305	5,340	5,432	5,524	5,611	5,708	5,798	5,887	5,971	
Change	-636.9	-65.8	-267.8	-130.6	-225.8	-137.3	-178.0	-115.3	-138.7	-93.8	-199.00
% chg	-12.01%	-1.24%	-5.02%	-2.40%	-4.09%	-2.45%	-3.12%	-1.99%	-2.36%	-1.57%	-3.62%
European Union											
Production											
Baseline	3,435	3,412	3,424	3,480	3,528	3,580	3,626	3,680	3,730	3,770	
Change	-41.3	-85.6	-157.5	-70.3	-123.6	-133.3	-187.5	-216.0	-269.8	-296.0	-158.08
% chg	-1.20%	-2.51%	-4.60%	-2.02%	-3.50%	-3.72%	-5.17%	-5.87%	-7.23%	-7.85%	-4.37%
Consumption											
Baseline	4,595	4,517	4,533	4,566	4,594	4,625	4,652	4,682	4,710	4,735	
Change	-765.9	-717.9	-792.1	-734.1	-770.3	-745.0	-765.3	-753.1	-770.8	-761.6	-757.60
% chg	-16.67%	-15.89%	-17.47%	-16.08%	-16.77%	-16.11%	-16.45%	-16.08%	-16.36%	-16.09%	-16.40%
Rest of World											
Production											
Baseline	5,497	5,449	5,476	5,524	5,568	5,610	5,656	5,702	5,748	5,792	
Change	0.0	-82.4	-149.2	-111.2	-144.4	-117.3	-133.2	-115.2	-124.3	-111.3	-108.85
% chg	0.00%	-1.51%	-2.72%	-2.01%	-2.59%	-2.09%	-2.36%	-2.02%	-2.16%	-1.92%	-1.94%
Consumption											
Baseline	6,258	6,221	6,265	6,344	6,410	6,484	6,555	6,632	6,705	6,776	
Change	925.2	1,022.9	877.8	969.7	882.5	927.7	869.2	885.2	840.4	851.1	905.18
% chg	14.78%	16.44%	14.01%	15.29%	13.77%	14.31%	13.26%	13.35%	12.53%	12.56%	14.03%

Table A.23. Sunflower Seed Meal Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	113	122	127	129	133	136	139	141	144	147	
Change	-6.3	-15.9	-12.9	-17.2	-14.8	-15.1	-12.6	-12.8	-11.0	-9.9	-12.86
% chg	-5.61%	-13.00%	-10.21%	-13.30%	-11.13%	-11.10%	-9.09%	-9.10%	-7.65%	-6.75%	-9.69%
Total Trade	(Thousand Metric Tons)										
Baseline	1,732	1,796	1,830	1,899	1,958	2,007	2,065	2,124	2,184	2,246	
Change	15.1	146.8	88.7	98.4	76.2	100.3	98.0	112.1	98.2	100.8	93.47
% chg	0.87%	8.18%	4.85%	5.18%	3.89%	5.00%	4.74%	5.28%	4.49%	4.49%	4.70%
Exports of Selected Countries											
Argentina											
Baseline	1,452	1,491	1,514	1,543	1,581	1,617	1,650	1,685	1,723	1,762	
Change	-59.5	-101.8	-67.8	-91.0	-71.6	-80.0	-69.9	-77.6	-70.3	-71.3	-76.07
% chg	-4.09%	-6.83%	-4.48%	-5.89%	-4.53%	-4.95%	-4.23%	-4.61%	-4.08%	-4.05%	-4.77%
China											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	33.2	9.2	-1.3	-16.3	-20.5	-37.5	-47.6	-57.3	-65.8	-75.9	-27.98
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Eastern Europe											
Baseline	34	44	49	74	79	75	80	85	91	96	
Change	291.4	311.0	289.0	305.1	290.7	306.4	304.0	311.4	301.1	302.6	301.27
% chg	854.1%	709.9%	593.0%	411.1%	368.9%	408.5%	380.8%	367.9%	332.5%	316.1%	474.28%
Former Soviet Union											
Baseline	246	261	267	282	299	315	335	354	370	388	
Change	-250.1	-71.6	-131.2	-99.4	-122.3	-88.5	-88.6	-64.4	-66.8	-54.6	-103.75
% chg	-101.8%	-27.4%	-49.1%	-35.2%	-41.0%	-28.1%	-26.4%	-18.2%	-18.0%	-14.1%	-35.9%
Imports of Selected Countries											
European Union											
Baseline	1,420	1,425	1,408	1,427	1,429	1,425	1,429	1,436	1,446	1,459	
Change	469.1	566.3	476.6	494.5	459.3	497.5	490.6	509.3	491.9	503.2	495.84
% chg	33.03%	39.73%	33.85%	34.66%	32.14%	34.90%	34.34%	35.47%	34.01%	34.49%	34.66%
Rest of World											
Baseline	322	381	432	482	539	592	646	697	748	797	
Change	-454.0	-419.5	-387.9	-396.1	-383.1	-397.1	-392.6	-397.2	-393.7	-402.4	-402.36
% chg	-141.2%	-110.2%	-89.7%	-82.1%	-71.1%	-67.1%	-60.7%	-56.9%	-52.6%	-50.5%	-78.2%

Table A.24. Sunflower Seed Meal Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	1,636	1,653	1,687	1,721	1,757	1,794	1,830	1,867	1,904	1,941	
Change	-38.7	-62.3	-58.0	-62.0	-59.4	-61.2	-59.0	-60.2	-58.8	-59.2	-57.88
% chg	-2.37%	-3.77%	-3.44%	-3.60%	-3.38%	-3.41%	-3.22%	-3.22%	-3.09%	-3.05%	-3.26%
Consumption											
Baseline	189	183	182	184	184	184	186	187	180	183	
Change	7.8	19.6	15.9	20.1	17.2	18.1	16.0	16.9	15.3	14.3	16.11
% chg	4.12%	10.73%	8.71%	10.94%	9.33%	9.80%	8.61%	9.04%	8.49%	7.82%	8.76%
China											
Production											
Baseline	595	598	601	608	622	626	634	644	653	662	
Change	0.1	-6.8	-7.7	-7.8	-8.2	-7.4	-7.3	-7.3	-7.1	-6.7	-6.63
% chg	0.01%	-1.13%	-1.29%	-1.28%	-1.32%	-1.18%	-1.16%	-1.13%	-1.09%	-1.02%	-1.06%
Consumption											
Baseline	595	598	601	608	622	626	634	644	653	662	
Change	-33.2	-15.9	-6.5	8.6	12.3	30.1	40.3	50.0	58.6	69.2	21.35
% chg	-5.57%	-2.67%	-1.08%	1.41%	1.97%	4.82%	6.36%	7.77%	8.97%	10.46%	3.24%
Eastern Europe											
Production											
Baseline	872	876	900	940	968	990	1,016	1,045	1,075	1,104	
Change	264.5	281.4	236.2	263.8	237.3	245.8	228.3	231.8	219.2	222.7	243.09
% chg	30.34%	32.10%	26.25%	28.08%	24.51%	24.83%	22.47%	22.18%	20.38%	20.17%	25.13%
Consumption											
Baseline	837	833	851	865	889	914	936	960	984	1,008	
Change	-27.7	-30.7	-52.4	-41.7	-53.1	-60.6	-75.4	-79.6	-81.8	-79.8	-58.26
% chg	-3.31%	-3.68%	-6.15%	-4.82%	-5.97%	-6.62%	-8.05%	-8.29%	-8.31%	-7.91%	-6.31%
Former Soviet Union											
Production											
Baseline	2,045	2,042	2,054	2,089	2,123	2,155	2,191	2,224	2,256	2,286	
Change	-255.3	-37.2	-114.0	-61.1	-97.2	-62.9	-78.1	-53.6	-62.1	-44.5	-86.61
% chg	-12.48%	-1.82%	-5.55%	-2.93%	-4.58%	-2.92%	-3.56%	-2.41%	-2.75%	-1.95%	-4.10%
Consumption											
Baseline	1,799	1,781	1,787	1,807	1,824	1,840	1,856	1,870	1,886	1,898	
Change	-6.0	33.4	17.5	37.8	25.4	25.6	10.8	10.8	4.9	10.2	17.05
% chg	-0.33%	1.87%	0.98%	2.09%	1.39%	1.39%	0.58%	0.58%	0.26%	0.54%	0.94%
European Union											
Production											
Baseline	2,152	2,108	2,118	2,132	2,145	2,159	2,171	2,184	2,197	2,208	
Change	-398.6	-378.0	-407.3	-387.3	-400.0	-387.8	-393.2	-386.1	-391.0	-385.3	-391.46
% chg	-18.52%	-17.93%	-19.23%	-18.16%	-18.65%	-17.96%	-18.11%	-17.68%	-17.80%	-17.45%	-18.15%
Consumption											
Baseline	3,560	3,535	3,530	3,560	3,576	3,585	3,600	3,620	3,643	3,668	
Change	60.3	174.6	74.0	101.3	63.1	109.6	101.2	123.2	103.6	119.6	103.06
% chg	1.70%	4.94%	2.10%	2.85%	1.77%	3.06%	2.81%	3.40%	2.84%	3.26%	2.87%
Rest of World											
Production											
Baseline	2,396	2,368	2,381	2,412	2,437	2,465	2,493	2,523	2,551	2,578	
Change	482.2	525.1	469.1	509.0	475.1	495.7	473.3	481.8	465.3	472.0	484.86
% chg	20.13%	22.18%	19.70%	21.10%	19.50%	20.11%	18.99%	19.10%	18.24%	18.30%	19.73%
Consumption											
Baseline	2,717	2,749	2,814	2,894	2,976	3,057	3,139	3,220	3,299	3,375	
Change	27.5	104.9	81.4	112.6	92.2	98.6	80.9	84.6	71.7	69.7	82.42
% chg	1.01%	3.82%	2.89%	3.89%	3.10%	3.22%	2.58%	2.63%	2.17%	2.06%	2.74%

Table A.25. Sunflower Seed Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	546	529	535	539	544	551	557	563	569	576	
Change	54.3	23.3	43.0	30.4	41.2	34.3	40.8	36.9	42.3	39.8	38.61
% chg	9.94%	4.41%	8.03%	5.64%	7.56%	6.22%	7.32%	6.55%	7.43%	6.91%	7.00%
Total Trade	(Thousand Metric Tons)										
Baseline	1,210	1,160	1,187	1,225	1,267	1,307	1,347	1,383	1,417	1,451	
Change	-169.0	-55.1	-76.9	-60.7	-67.0	-50.5	-46.9	-32.4	-27.3	-16.5	-60.24
% chg	-13.96%	-4.75%	-6.48%	-4.95%	-5.29%	-3.87%	-3.48%	-2.35%	-1.93%	-1.14%	-4.82%
Exports of Selected Countries											
Argentina											
Baseline	1,021	1,019	1,049	1,075	1,103	1,133	1,161	1,189	1,218	1,249	
Change	-5.1	-60.0	-34.8	-51.9	-37.6	-46.0	-36.4	-41.0	-34.0	-37.1	-38.40
% chg	-0.50%	-5.89%	-3.31%	-4.83%	-3.41%	-4.06%	-3.13%	-3.45%	-2.79%	-2.97%	-3.44%
China											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	-1.4	-13.7	-20.0	-27.6	-31.2	-39.7	-46.5	-53.4	-60.5	-68.4	-36.25
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Eastern Europe											
Baseline	-121	-139	-132	-113	-104	-103	-96	-88	-79	-71	
Change	205.0	204.6	180.7	195.6	180.5	183.9	173.3	174.1	166.3	167.7	183.16
% chg	-169.3%	-146.9%	-136.9%	-173.3%	-173.3%	-179.1%	-180.9%	-198.9%	-211.0%	-235.2%	-180.49%
Former Soviet Union											
Baseline	189	142	138	151	164	174	186	194	199	202	
Change	-163.8	5.0	-42.1	-8.8	-29.4	-4.5	-10.6	8.5	6.7	20.6	-21.84
% chg	-86.70%	3.50%	-30.63%	-5.81%	-17.91%	-2.58%	-5.68%	4.42%	3.35%	10.22%	-12.78%
Imports of Selected Countries											
European Union											
Baseline	98	204	188	194	196	197	200	202	205	208	
Change	226.6	268.7	244.8	255.4	241.6	245.2	235.2	236.4	229.1	228.8	241.18
% chg	232.3%	131.8%	130.0%	131.9%	123.3%	124.6%	117.8%	117.1%	111.9%	110.0%	133.1%
Rest of World											
Baseline	981	806	855	908	956	997	1,041	1,083	1,122	1,161	
Change	-192.1	-132.8	-161.1	-148.1	-159.3	-151.6	-155.3	-148.2	-150.7	-146.0	-154.51
% chg	-19.58%	-16.48%	-18.83%	-16.31%	-16.66%	-15.20%	-14.92%	-13.69%	-13.43%	-12.58%	-15.77%

Table A.26. Sunflower Seed Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	1,558	1,574	1,607	1,639	1,673	1,709	1,743	1,778	1,813	1,849	
Change	-36.9	-59.4	-55.2	-59.1	-56.6	-58.2	-56.2	-57.3	-56.0	-56.4	-55.12
% chg	-2.37%	-3.77%	-3.44%	-3.60%	-3.38%	-3.41%	-3.22%	-3.22%	-3.09%	-3.05%	-3.26%
Consumption											
Baseline	539	554	559	565	571	577	583	590	596	601	
Change	-23.6	-4.6	-17.1	-9.4	-17.1	-13.4	-18.7	-17.0	-21.0	-19.7	-16.16
% chg	-4.39%	-0.84%	-3.05%	-1.66%	-2.99%	-2.33%	-3.20%	-2.88%	-3.53%	-3.27%	-2.81%
China											
Production											
Baseline	226	227	228	231	236	237	240	244	248	251	
Change	0.0	-2.6	-2.9	-2.9	-3.1	-2.8	-2.8	-2.8	-2.7	-2.5	-2.51
% chg	0.01%	-1.13%	-1.29%	-1.28%	-1.32%	-1.18%	-1.16%	-1.13%	-1.09%	-1.02%	-1.06%
Consumption											
Baseline	226	227	228	231	236	237	240	244	248	251	
Change	1.5	11.2	17.1	24.7	28.1	36.9	43.7	50.6	57.8	65.8	33.74
% chg	0.65%	4.93%	7.50%	10.70%	11.90%	15.53%	18.18%	20.74%	23.33%	26.24%	13.97%
Eastern Europe											
Production											
Baseline	697	701	720	752	775	792	813	836	860	883	
Change	211.6	225.1	189.0	211.1	189.8	196.6	182.7	185.5	175.3	178.2	194.47
% chg	30.34%	32.10%	26.25%	28.08%	24.51%	24.83%	22.47%	22.18%	20.38%	20.17%	25.13%
Consumption											
Baseline	816	838	851	864	878	893	908	923	938	954	
Change	6.0	18.8	9.4	14.8	9.9	12.4	9.7	11.2	9.3	10.4	11.18
% chg	0.73%	2.24%	1.10%	1.71%	1.13%	1.39%	1.07%	1.22%	0.99%	1.09%	1.27%
Former Soviet Union											
Production											
Baseline	2,095	2,092	2,105	2,140	2,175	2,208	2,244	2,278	2,311	2,342	
Change	-261.6	-38.1	-116.8	-62.6	-99.6	-64.4	-80.0	-54.9	-63.7	-45.6	-88.72
% chg	-12.48%	-1.82%	-5.55%	-2.93%	-4.58%	-2.92%	-3.56%	-2.41%	-2.75%	-1.95%	-4.10%
Consumption											
Baseline	1,902	1,947	1,966	1,988	2,010	2,033	2,058	2,084	2,111	2,140	
Change	-91.5	-46.7	-72.6	-55.3	-69.1	-60.7	-68.9	-63.9	-69.9	-66.5	-66.51
% chg	-4.81%	-2.40%	-3.69%	-2.78%	-3.44%	-2.99%	-3.35%	-3.07%	-3.31%	-3.11%	-3.29%
European Union											
Production											
Baseline	1,739	1,702	1,710	1,722	1,732	1,744	1,754	1,764	1,774	1,783	
Change	-321.9	-305.3	-329.0	-312.8	-323.1	-313.2	-317.6	-311.9	-315.8	-311.2	-316.18
% chg	-18.52%	-17.93%	-19.23%	-18.16%	-18.65%	-17.96%	-18.11%	-17.68%	-17.80%	-17.45%	-18.15%
Consumption											
Baseline	1,819	1,887	1,899	1,914	1,927	1,939	1,952	1,965	1,978	1,990	
Change	-88.0	-47.6	-77.4	-61.9	-78.0	-70.4	-80.4	-76.9	-85.1	-83.4	-74.91
% chg	-4.84%	-2.52%	-4.08%	-3.23%	-4.05%	-3.63%	-4.12%	-3.91%	-4.30%	-4.19%	-3.89%
Rest of World											
Production											
Baseline	2,183	2,157	2,170	2,198	2,220	2,246	2,271	2,298	2,324	2,349	
Change	366.9	402.5	348.2	382.5	349.7	366.6	344.5	350.2	333.2	337.1	358.15
% chg	16.81%	18.66%	16.05%	17.40%	15.75%	16.32%	15.17%	15.24%	14.33%	14.35%	16.01%
Consumption											
Baseline	3,156	2,957	3,024	3,104	3,175	3,242	3,311	3,380	3,446	3,510	
Change	165.4	264.0	191.3	232.1	192.7	213.8	190.5	201.4	183.4	190.7	202.52
% chg	5.24%	8.93%	6.33%	7.48%	6.07%	6.60%	5.75%	5.96%	5.32%	5.43%	6.31%

Table A.27. Peanut Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Total Trade	(Thousand Metric Tons)										
Baseline	1,039	1,063	1,068	1,076	1,079	1,077	1,082	1,087	1,091	1,091	
Change	-89.0	-234.3	-275.4	-249.6	-267.9	-243.8	-264.1	-250.2	-266.3	-254.2	-239.47
% chg	-8.57%	-22.05%	-25.79%	-23.20%	-24.84%	-22.64%	-24.42%	-23.00%	-24.42%	-23.29%	-22.22%
Exports of Selected Countries											
Argentina											
Baseline	192	218	221	226	231	236	242	247	251	255	
Change	2.9	38.7	35.3	40.4	36.1	40.2	36.1	40.3	36.5	39.8	34.63
% chg	1.49%	17.78%	15.92%	17.87%	15.62%	17.02%	14.91%	16.33%	14.54%	15.59%	14.71%
China											
Baseline	529	484	482	480	475	464	460	459	456	451	
Change	-92.5	-104.2	-91.4	-110.1	-104.5	-118.0	-115.0	-130.5	-127.6	-139.8	-113.35
% chg	-17.46%	-21.53%	-18.95%	-22.93%	-22.01%	-25.42%	-24.97%	-28.40%	-27.98%	-31.00%	-24.07%
India											
Baseline	116	145	150	155	159	163	167	170	173	176	
Change	173.7	40.8	-18.9	-1.7	-42.6	-35.4	-77.9	-76.8	-114.5	-120.0	-27.32
% chg	149.81%	28.14%	-12.65%	-1.11%	-26.85%	-21.67%	-46.66%	-45.17%	-66.27%	-68.13%	-11.06%
United States											
Baseline	202	216	214	214	214	213	212	211	210	209	
Change	-173.1	-209.6	-200.3	-178.2	-157.0	-130.7	-107.3	-83.2	-60.6	-34.2	-133.43
% chg	-85.90%	-97.04%	-93.44%	-83.26%	-73.28%	-61.31%	-50.60%	-39.40%	-28.78%	-16.38%	-62.94%
Imports of Selected Countries											
Canada											
Baseline	122	123	124	125	126	127	128	129	130	131	
Change	-11.6	-7.8	-10.8	-8.8	-10.9	-9.6	-11.6	-10.6	-12.2	-11.5	-10.55
% chg	-9.58%	-6.29%	-8.70%	-7.07%	-8.68%	-7.59%	-9.05%	-8.21%	-9.40%	-8.81%	-8.34%
European Union											
Baseline	454	470	471	475	478	481	485	490	494	498	
Change	-32.3	-17.3	-27.8	-20.8	-27.8	-22.8	-28.8	-25.0	-30.0	-27.1	-25.95
% chg	-7.1%	-3.7%	-5.9%	-4.4%	-5.8%	-4.7%	-5.9%	-5.1%	-6.1%	-5.4%	-5.41%
Mexico											
Baseline	104	107	111	114	116	119	122	125	128	130	
Change	-32.8	-27.9	-36.2	-31.8	-37.7	-34.8	-40.1	-38.3	-43.0	-41.9	-36.45
% chg	-31.47%	-26.03%	-32.60%	-27.82%	-32.42%	-29.27%	-32.94%	-30.67%	-33.67%	-32.31%	-30.92%
Rest of World											
Baseline	273	276	275	275	272	264	261	258	253	246	
Change	-12.3	-181.3	-200.6	-188.1	-191.6	-176.7	-183.6	-176.3	-181.1	-173.6	-166.52
% chg	-4.50%	-65.66%	-72.86%	-68.39%	-70.37%	-66.94%	-70.45%	-68.29%	-71.53%	-70.47%	-62.95%

Table A.28. Peanut Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	357	389	396	403	410	417	426	434	441	449	
Change	-0.3	43.4	37.1	48.8	44.2	54.6	51.3	62.1	60.2	70.4	47.17
% chg	-0.09%	11.15%	9.38%	12.12%	10.77%	13.07%	12.04%	14.32%	13.65%	15.70%	11.21%
Consumption											
Baseline	168	172	174	177	179	181	184	187	190	194	
Change	0.3	4.0	2.8	7.9	8.7	14.0	15.9	21.6	24.4	30.5	13.02
% chg	0.18%	2.32%	1.60%	4.49%	4.88%	7.74%	8.61%	11.55%	12.79%	15.77%	6.99%
China											
Production											
Baseline	13,628	13,725	13,775	13,774	13,775	13,748	13,806	13,901	13,981	14,031	
Change	-1.3	127.7	69.2	174.2	118.1	203.8	137.7	195.6	164.7	233.6	142.34
% chg	-0.01%	0.93%	0.50%	1.26%	0.86%	1.48%	1.00%	1.41%	1.18%	1.66%	1.03%
Consumption											
Baseline	13,098	13,241	13,292	13,294	13,301	13,284	13,345	13,441	13,525	13,580	
Change	91.2	231.9	160.6	284.3	222.6	321.8	252.7	326.1	292.3	373.4	255.69
% chg	0.70%	1.75%	1.21%	2.14%	1.67%	2.42%	1.89%	2.43%	2.16%	2.75%	1.91%
India											
Production											
Baseline	7,575	7,824	7,916	7,977	8,055	8,140	8,226	8,313	8,396	8,481	
Change	0.0	-183.7	-223.7	-157.8	-183.1	-137.3	-157.7	-116.9	-128.9	-93.4	-138.26
% chg	0.00%	-2.35%	-2.83%	-1.98%	-2.27%	-1.69%	-1.92%	-1.41%	-1.54%	-1.10%	-1.71%
Consumption											
Baseline	7,459	7,679	7,767	7,822	7,896	7,977	8,060	8,143	8,223	8,304	
Change	-173.7	-224.5	-204.8	-156.1	-140.5	-101.9	-79.8	-40.1	-14.4	26.5	-110.94
% chg	-2.33%	-2.92%	-2.64%	-2.00%	-1.78%	-1.28%	-0.99%	-0.49%	-0.18%	0.32%	-1.43%
United States											
Production											
Baseline	1,598	1,694	1,690	1,695	1,702	1,703	1,707	1,712	1,717	1,719	
Change	0.5	-30.1	-57.7	-1.3	-18.3	28.8	24.1	63.8	61.3	100.5	17.16
% chg	0.03%	-1.77%	-3.41%	-0.08%	-1.08%	1.69%	1.41%	3.73%	3.57%	5.84%	0.99%
Consumption											
Baseline	1,457	1,472	1,478	1,484	1,489	1,493	1,498	1,503	1,508	1,514	
Change	176.5	180.2	158.7	165.7	148.7	151.4	137.9	140.0	127.9	128.3	151.54
% chg	12.12%	12.25%	10.74%	11.17%	9.99%	10.14%	9.21%	9.31%	8.48%	8.47%	10.19%
European Union											
Consumption											
Baseline	457	469	472	476	479	483	486	491	495	499	
Change	-27.1	-18.8	-26.4	-21.6	-26.8	-23.3	-27.9	-25.4	-29.2	-27.4	-25.37
% chg	-5.92%	-4.01%	-5.59%	-4.54%	-5.58%	-4.83%	-5.73%	-5.17%	-5.90%	-5.48%	-5.28%
Rest of World											
Production											
Baseline	8,598	8,841	8,903	8,983	9,063	9,144	9,229	9,313	9,394	9,476	
Change	0.0	341.6	241.5	349.8	284.6	369.1	325.1	403.4	374.7	444.2	313.39
% chg	0.00%	3.86%	2.71%	3.89%	3.14%	4.04%	3.52%	4.33%	3.99%	4.69%	3.42%
Consumption											
Baseline	8,876	9,115	9,178	9,258	9,335	9,407	9,489	9,570	9,646	9,722	
Change	-1.7	156.4	45.1	159.2	96.0	190.7	144.0	225.9	195.8	269.8	148.12
% chg	-0.02%	1.72%	0.49%	1.72%	1.03%	2.03%	1.52%	2.36%	2.03%	2.78%	1.56%

Table A.29. Palm Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	370	412	437	450	460	471	483	498	514	531	
Change	35.3	25.8	19.9	16.1	16.2	16.1	17.6	18.4	19.9	20.3	20.57
% chg	9.56%	6.27%	4.55%	3.58%	3.53%	3.41%	3.65%	3.70%	3.86%	3.82%	4.59%
Total Trade	(Thousand Metric Tons)										
Baseline	15,281	15,387	15,676	16,015	16,382	16,751	17,129	17,508	17,900	18,308	
Change	200.9	245.5	324.8	352.1	370.2	374.6	382.9	390.0	401.5	411.5	345.39
% chg	1.31%	1.60%	2.07%	2.20%	2.26%	2.24%	2.24%	2.23%	2.24%	2.25%	2.06%
Exports of Selected Countries											
Malaysia											
Baseline	10,498	10,548	10,753	10,991	11,247	11,494	11,737	11,969	12,202	12,442	
Change	94.1	98.4	151.5	168.8	179.2	180.1	184.0	187.3	194.2	200.7	163.83
% chg	0.90%	0.93%	1.41%	1.54%	1.59%	1.57%	1.57%	1.56%	1.59%	1.61%	1.43%
Indonesia											
Baseline	4,783	4,839	4,923	5,024	5,135	5,257	5,392	5,540	5,698	5,866	
Change	106.7	147.1	173.3	183.3	191.0	194.5	198.9	202.7	207.3	210.7	181.56
% chg	2.23%	3.04%	3.52%	3.65%	3.72%	3.70%	3.69%	3.66%	3.64%	3.59%	3.44%
Imports of Selected Countries											
China											
Baseline	2,148	2,183	2,241	2,316	2,394	2,476	2,562	2,653	2,747	2,842	
Change	6.7	12.7	22.0	23.8	25.6	24.4	25.0	25.0	26.2	26.7	21.81
% chg	0.31%	0.58%	0.98%	1.03%	1.07%	0.98%	0.98%	0.94%	0.95%	0.94%	0.88%
European Union											
Baseline	2,527	2,544	2,562	2,599	2,640	2,677	2,714	2,748	2,784	2,822	
Change	-25.1	-6.8	4.0	5.9	6.8	5.6	4.6	3.4	3.1	2.9	0.44
% chg	-0.99%	-0.27%	0.16%	0.23%	0.26%	0.21%	0.17%	0.12%	0.11%	0.10%	0.01%
India											
Baseline	4,082	4,142	4,287	4,425	4,583	4,744	4,909	5,077	5,254	5,442	
Change	290.3	257.3	269.1	279.4	286.8	292.8	300.1	309.5	319.3	329.0	293.35
% chg	7.11%	6.21%	6.28%	6.31%	6.26%	6.17%	6.11%	6.10%	6.08%	6.05%	6.27%
Rest of World											
Baseline	6,381	6,375	6,442	6,531	6,623	6,711	6,802	6,887	6,972	7,060	
Change	-71.0	-17.6	29.7	43.0	51.0	51.8	53.1	52.1	52.9	52.9	29.79
% chg	-1.11%	-0.28%	0.46%	0.66%	0.77%	0.77%	0.78%	0.76%	0.76%	0.75%	0.43%

Table A.30. Palm Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Malaysia											
(Thousand Metric Tons)											
Production											
Baseline	12,089	12,225	12,458	12,781	13,100	13,398	13,683	13,963	14,250	14,545	
Change	0.0	103.5	150.1	167.0	171.0	172.9	173.2	177.6	183.3	191.4	149.01
% chg	0.00%	0.85%	1.21%	1.31%	1.30%	1.29%	1.27%	1.27%	1.29%	1.32%	1.11%
Consumption											
Baseline	1,692	1,713	1,738	1,783	1,836	1,891	1,942	1,994	2,048	2,103	
Change	-30.1	-18.2	-12.5	-9.0	-8.8	-8.3	-9.1	-9.3	-9.8	-9.7	-12.48
% chg	-1.78%	-1.06%	-0.72%	-0.50%	-0.48%	-0.44%	-0.47%	-0.47%	-0.48%	-0.46%	-0.69%
Indonesia											
Production											
Baseline	8,087	8,162	8,314	8,497	8,694	8,898	9,109	9,329	9,558	9,796	
Change	0.0	73.9	113.1	131.3	139.8	145.2	148.3	152.4	156.2	160.7	122.09
% chg	0.00%	0.91%	1.36%	1.54%	1.61%	1.63%	1.63%	1.63%	1.63%	1.64%	1.36%
Consumption											
Baseline	3,311	3,331	3,394	3,474	3,559	3,641	3,718	3,790	3,860	3,930	
Change	-96.7	-75.2	-61.4	-52.8	-51.3	-49.4	-50.4	-50.2	-50.8	-50.0	-58.83
% chg	-2.92%	-2.26%	-1.81%	-1.52%	-1.44%	-1.36%	-1.36%	-1.33%	-1.32%	-1.27%	-1.66%
China											
Consumption											
Baseline	2,148	2,183	2,241	2,316	2,394	2,476	2,562	2,653	2,747	2,842	
Change	6.7	12.7	22.0	23.8	25.6	24.4	25.0	25.0	26.2	26.7	21.81
% chg	0.31%	0.58%	0.98%	1.03%	1.07%	0.98%	0.98%	0.94%	0.95%	0.94%	0.88%
European Union											
Consumption											
Baseline	2,539	2,548	2,567	2,601	2,640	2,678	2,715	2,750	2,786	2,823	
Change	-19.5	-9.9	2.3	4.9	6.8	5.5	4.9	3.5	3.3	2.8	0.45
% chg	-0.77%	-0.39%	0.09%	0.19%	0.26%	0.21%	0.18%	0.13%	0.12%	0.10%	0.01%
India											
Production											
Baseline	39	38	41	44	47	51	53	56	58	61	
Change	0.0	0.0	0.0	0.0	-3.4	-4.0	-4.3	-4.4	-4.4	-4.4	-2.49
% chg	0.00%	0.00%	0.00%	0.00%	-7.12%	-7.96%	-8.00%	-7.86%	-7.54%	-7.23%	-4.57%
Consumption											
Baseline	4,168	4,220	4,337	4,474	4,630	4,795	4,964	5,136	5,316	5,506	
Change	189.9	237.2	262.4	275.5	283.2	288.3	295.7	303.9	314.0	323.3	277.34
% chg	4.56%	5.62%	6.05%	6.16%	6.12%	6.01%	5.96%	5.92%	5.91%	5.87%	5.82%
Rest of World											
Production											
Baseline	4,350	4,342	4,361	4,413	4,480	4,548	4,613	4,676	4,741	4,808	
Change	0.0	2.2	1.4	-3.8	-7.4	-12.7	-17.1	-20.0	-21.3	-21.9	-10.07
% chg	0.00%	0.05%	0.03%	-0.09%	-0.17%	-0.28%	-0.37%	-0.43%	-0.45%	-0.46%	-0.22%
Consumption											
Baseline	10,763	10,738	10,813	10,945	11,101	11,259	11,415	11,566	11,716	11,870	
Change	-66.0	-23.5	26.2	36.6	43.6	38.8	36.6	32.1	31.9	30.8	18.70
% chg	-0.61%	-0.22%	0.24%	0.33%	0.39%	0.34%	0.32%	0.28%	0.27%	0.26%	0.16%

Table A.31. Cotton Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	837	911	983	1,041	1,091	1,143	1,200	1,258	1,317	1,378	
Change	10.42	154.37	175.19	169.88	159.59	146.75	133.15	118.33	102.80	87.21	125.77
% chg	1.25%	16.95%	17.83%	16.32%	14.63%	12.84%	11.09%	9.40%	7.80%	6.33%	11.44%
Total Trade	(Thousand Metric Tons)										
Baseline	4,363	4,368	4,367	4,397	4,439	4,488	4,540	4,588	4,635	4,683	
Change	134	173	240	248	264	277	290	306	320	342	259
% chg	3.06%	3.95%	5.51%	5.63%	5.95%	6.17%	6.39%	6.67%	6.91%	7.29%	5.75%
Exports of Selected Countries											
Africa											
Baseline	1,198	1,211	1,224	1,238	1,251	1,262	1,273	1,282	1,291	1,298	
Change	33.1	146.0	201.1	186.7	181.6	176.9	171.9	167.7	162.6	159.3	158.68
% chg	2.76%	12.06%	16.43%	15.07%	14.52%	14.01%	13.50%	13.07%	12.60%	12.27%	12.63%
Australia											
Baseline	650	644	649	663	683	709	737	766	795	825	
Change	13.3	25.1	19.9	20.0	18.8	18.8	18.8	17.9	17.4	17.0	18.70
% chg	2.04%	3.89%	3.07%	3.01%	2.76%	2.66%	2.55%	2.34%	2.18%	2.06%	2.66%
Pakistan											
Baseline	8	27	28	31	34	37	40	44	48	54	
Change	-32.4	-13.9	-7.3	-13.1	-16.1	-19.4	-22.7	-26.3	-29.8	-32.3	-21.35
% chg	-410%	-51%	-26%	-43%	-48%	-52%	-57%	-60%	-62%	-60%	-86.74%
United States											
Baseline	2,275	2,299	2,286	2,283	2,296	2,320	2,347	2,371	2,394	2,418	
Change	33.8	-193.5	-193.1	-151.2	-119.0	-92.9	-66.7	-36.6	-7.9	22.0	-80.51
% chg	1.5%	-8.4%	-8.4%	-6.6%	-5.2%	-4.0%	-2.8%	-1.5%	-0.3%	0.9%	-3.50%
Uzbekistan											
Baseline	735	722	717	714	713	712	712	711	711	711	
Change	11.8	39.1	52.0	49.3	48.6	47.6	46.6	45.7	44.8	44.0	42.95
% chg	1.61%	5.41%	7.26%	6.91%	6.81%	6.68%	6.54%	6.43%	6.30%	6.20%	6.01%
Imports of Selected Countries											
China											
Baseline	507	538	537	576	613	650	687	710	730	751	
Change	-90.9	-206.1	-212.9	-205.2	-204.3	-203.0	-202.5	-201.4	-200.2	-189.3	-191.58
% chg	-17.9%	-38.3%	-39.7%	-35.7%	-33.3%	-31.2%	-29.5%	-28.4%	-27.4%	-25.2%	-30.66%
European Union											
Baseline	543	514	512	496	482	466	447	428	410	390	
Change	264.4	471.4	510.0	506.7	518.0	524.6	532.4	542.3	550.9	558.8	497.97
% chg	48.7%	91.7%	99.6%	102.2%	107.5%	112.7%	119.2%	126.6%	134.4%	143.4%	108.60%
India											
Baseline	385	393	400	410	421	433	445	459	473	488	
Change	-29.5	-81.5	-79.8	-76.7	-75.1	-73.2	-71.3	-69.4	-67.5	-66.9	-69.09
% chg	-7.7%	-20.7%	-20.0%	-18.7%	-17.9%	-16.9%	-16.0%	-15.1%	-14.3%	-13.71%	-16.10%
Japan											
Baseline	237	228	220	214	209	204	200	196	193	189	
Change	-8.2	-9.7	-6.7	-6.6	-6.3	-5.9	-5.6	-5.3	-5.0	-4.9	-6.44
% chg	-3.45%	-4.27%	-3.05%	-3.10%	-3.02%	-2.91%	-2.81%	-2.71%	-2.61%	-2.56%	-3.05%
Mexico											
Baseline	353	348	346	346	347	348	347	347	347	347	
Change	13.6	5.0	8.3	8.4	8.7	9.0	9.3	9.6	9.9	10.0	9.18
% chg	3.86%	1.43%	2.40%	2.43%	2.52%	2.59%	2.67%	2.76%	2.85%	2.90%	2.64%
Turkey											
Baseline	424	423	411	394	388	388	389	389	390	393	
Change	-28.8	-45.2	-48.1	-41.3	-38.6	-38.1	-37.9	-36.9	-36.2	-36.0	-38.72
% chg	-6.79%	-10.69%	-11.71%	-10.48%	-9.95%	-9.82%	-9.77%	-9.49%	-9.27%	-9.18%	-9.71%

Table A.32. Cotton Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Africa											
Production											
Baseline	1,800	1,803	1,820	1,837	1,852	1,864	1,877	1,890	1,903	1,915	
Change	-9.6	80.5	151.5	138.1	134.6	131.7	128.6	126.5	123.2	120.7	112.58
% chg	-0.53%	4.46%	8.32%	7.52%	7.27%	7.06%	6.85%	6.69%	6.48%	6.30%	6.04%
Consumption											
Baseline	596	590	588	586	587	588	590	593	597	602	
Change	-31.9	-57.8	-51.4	-49.1	-47.4	-45.6	-43.7	-41.7	-39.8	-38.8	-44.72
% chg	-5.3%	-9.8%	-8.7%	-8.4%	-8.1%	-7.8%	-7.4%	-7.0%	-6.7%	-6.4%	-7.56%
India											
Production											
Baseline	2,525	2,543	2,597	2,668	2,725	2,775	2,822	2,870	2,917	2,963	
Change	0.0	11.9	31.4	27.6	26.9	26.2	25.3	24.6	23.7	22.8	22.04
% chg	0.00%	0.47%	1.21%	1.03%	0.99%	0.94%	0.90%	0.86%	0.81%	0.77%	0.80%
Consumption											
Baseline	2,904	2,931	2,984	3,058	3,128	3,192	3,253	3,314	3,375	3,436	
Change	-23.0	-59.1	-51.0	-49.7	-48.8	-47.6	-46.6	-45.4	-44.4	-44.3	-45.98
% chg	-0.79%	-2.01%	-1.71%	-1.62%	-1.56%	-1.49%	-1.43%	-1.37%	-1.32%	-1.29%	-1.46%
United States											
Production											
Baseline	3,908	3,815	3,772	3,784	3,802	3,811	3,816	3,824	3,831	3,840	
Change	-96.5	-696.8	-403.1	-300.4	-257.3	-224.7	-195.2	-156.6	-121.8	-89.8	-254.22
% chg	-2.5%	-18.3%	-10.7%	-7.9%	-6.8%	-5.9%	-5.1%	-4.1%	-3.2%	-2.3%	-6.68%
Consumption											
Baseline	1,681	1,649	1,626	1,609	1,595	1,580	1,566	1,553	1,539	1,524	
Change	-47.1	-96.8	-102.0	-100.6	-96.4	-91.8	-88.3	-85.8	-80.8	-76.6	-86.63
% chg	-2.80%	-5.87%	-6.27%	-6.26%	-6.05%	-5.81%	-5.64%	-5.53%	-5.25%	-5.03%	-5.45%
Uzbekistan											
Production											
Baseline	1,022	1,011	1,007	1,006	1,006	1,007	1,008	1,009	1,010	1,011	
Change	0.0	30.9	51.5	47.7	46.9	46.0	45.1	44.3	43.3	42.5	39.80
% chg	0.00%	3.05%	5.11%	4.74%	4.66%	4.57%	4.47%	4.39%	4.29%	4.20%	3.95%
Consumption											
Baseline	287	289	290	292	293	295	296	297	299	300	
Change	-1.4	-2.3	-2.1	-2.1	-2.0	-2.0	-1.9	-1.9	-1.8	-1.8	-1.95
% chg	-0.50%	-0.81%	-0.73%	-0.71%	-0.70%	-0.67%	-0.65%	-0.63%	-0.61%	-0.60%	-0.66%
China											
Production											
Baseline	4,769	4,820	4,864	4,912	4,957	4,999	5,042	5,083	5,124	5,166	
Change	0.0	44.4	96.8	87.1	86.9	86.5	85.8	85.5	84.5	82.9	74.05
% chg	0.00%	0.92%	1.99%	1.77%	1.75%	1.73%	1.70%	1.68%	1.65%	1.61%	1.48%
Consumption											
Baseline	5,350	5,396	5,439	5,520	5,611	5,661	5,722	5,783	5,859	5,930	
Change	-68.1	-136.4	-121.0	-118.9	-118.2	-117.5	-117.5	-117.0	-116.7	-108.9	-114.02
% chg	-1.27%	-2.53%	-2.22%	-2.15%	-2.11%	-2.08%	-2.05%	-2.02%	-1.99%	-1.84%	-2.03%
European Union											
Production											
Baseline	545	556	564	572	580	589	598	607	617	627	
Change	0.0	-430.0	-442.1	-444.4	-454.2	-461.0	-469.1	-478.4	-486.9	-495.2	-416.14
% chg	0.0%	-77.4%	-78.4%	-77.7%	-78.2%	-78.3%	-78.4%	-78.8%	-78.9%	-79.0%	-70.51%
Consumption											
Baseline	1,073	1,056	1,062	1,054	1,048	1,041	1,031	1,022	1,013	1,002	
Change	67.0	63.3	64.2	64.4	64.5	64.7	64.9	65.0	65.2	65.3	64.85
% chg	6.24%	6.00%	6.05%	6.11%	6.16%	6.22%	6.29%	6.37%	6.44%	6.51%	6.24%

Table A.33. Butter Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,393	1,456	1,498	1,559	1,585	1,629	1,690	1,765	1,836	1,911	
Change	736.6	643.0	613.2	588.3	613.1	626.3	633.9	640.5	636.9	654.0	638.59
% chg	52.90%	44.16%	40.94%	37.73%	38.67%	38.45%	37.51%	36.28%	34.69%	34.22%	39.56%
Total Trade	(Thousand Metric Tons)										
Baseline	630	628	638	650	668	683	691	700	709	721	
Change	131.8	86.6	80.9	52.2	58.7	43.6	37.7	30.2	18.5	30.4	57.07
% chg	20.92%	13.80%	12.68%	8.04%	8.79%	6.37%	5.46%	4.32%	2.61%	4.22%	8.72%
Exports of Selected Countries											
Argentina											
Baseline	5	6	6	6	6	6	6	6	6	6	
Change	5.3	7.2	7.5	7.3	7.6	7.7	7.7	7.7	7.6	7.6	7.30
% chg	112%	128%	135%	127%	135%	139%	134%	130%	125%	123%	129%
Australia											
Baseline	119	121	119	118	121	122	121	122	122	124	
Change	20.4	24.0	32.3	34.6	38.3	39.9	40.2	40.6	33.2	30.8	33.43
% chg	17.08%	19.79%	27.03%	29.43%	31.63%	32.63%	33.13%	33.26%	27.09%	24.92%	27.60%
European Union											
Baseline	76	87	95	103	111	122	128	137	146	155	
Change	-29.9	-132.1	-133.1	-118.7	-133.7	-128.3	-118.9	-111.5	-96.2	-77.0	-107.94
% chg	-39%	-153%	-140%	-115%	-121%	-105%	-93%	-82%	-66%	-50%	-96%
New Zealand											
Baseline	341	323	326	330	334	337	340	342	344	346	
Change	20.5	30.8	32.3	31.3	31.7	32.2	32.0	31.8	31.3	31.2	30.51
% chg	6.02%	9.54%	9.91%	9.48%	9.52%	9.54%	9.39%	9.28%	9.10%	9.01%	9.08%
Imports of Selected Countries											
Brazil											
Baseline	6	6	6	4	4	3	3	2	1	0	
Change	-5.6	-6.6	-6.4	-5.6	-6.3	-7.0	-7.5	-7.9	-8.0	-8.6	-6.95
% chg	-96%	-116%	-115%	-127%	-160%	-201%	-279%	-453%	-792%	-2832%	-517%
Canada											
Baseline	3	1	-1	-1	0	1	1	2	2	2	
Change	27.7	45.3	47.4	46.5	44.7	42.8	42.6	41.2	40.1	38.9	41.71
% chg	1051%	4413%	-4325%	-4546%	10585%	2867%	4101%	2550%	2002%	1637%	2033%
India											
Baseline	19	20	22	22	20	17	12	14	14	17	
Change	-135.5	-113.1	-101.5	-75.4	-83.6	-73.9	-59.6	-44.1	-23.1	-10.5	-72.04
% chg	-732%	-580%	-463%	-341%	-409%	-427%	-491%	-322%	-167%	-61%	-399%
Indonesia											
Baseline	14	14	15	15	15	16	16	16	16	17	
Change	1.9	2.0	2.1	2.2	2.2	2.2	2.3	2.4	2.4	2.5	2.22
% chg	13.75%	14.25%	14.33%	14.57%	14.46%	14.45%	14.50%	14.57%	14.68%	14.69%	14.42%
Japan											
Baseline	3	1	1	1	1	3	3	4	4	4	
Change	12.3	15.2	16.4	16.8	17.3	15.6	14.6	13.2	12.2	11.4	14.50
% chg	415%	1523%	1641%	1680%	1664%	562%	454%	349%	297%	277%	886%
Russia											
Baseline	112	118	125	132	141	150	158	166	174	183	
Change	-16.2	-17.2	-19.2	-16.3	-15.3	-13.3	-10.3	-6.4	-2.2	1.6	-11.48
% chg	-14.49%	-14.63%	-15.28%	-12.32%	-10.85%	-8.85%	-6.52%	-3.87%	-1.26%	0.85%	-8.72%
United States											
Baseline	9	9	9	9	9	9	9	9	9	9	
Change	178.6	67.9	66.9	48.0	45.0	41.9	30.7	15.4	-7.8	-8.6	47.80
% chg	2072%	787%	776%	557%	522%	486%	356%	179%	-90%	-100%	555%

Table A.34. Butter Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Australia											
(Thousand Metric Tons)											
Production											
Baseline	182	182	180	179	182	184	183	184	184	186	
WTO	196	212	214	214	220	224	223	224	214	216	
Change	13.6	29.6	33.3	35.0	37.9	39.6	39.7	40.0	29.3	30.2	32.82
% chg	7.47%	16.26%	18.48%	19.59%	20.81%	21.49%	21.68%	21.77%	15.93%	16.30%	17.98%
Consumption											
Baseline	60	61	61	61	62	62	62	62	62	62	
WTO	59	60	60	61	61	61	61	61	62	62	
Change	-1.2	-1.0	-0.9	-0.8	-0.9	-0.9	-0.8	-0.8	-0.8	-0.8	-0.90
% chg	-1.99%	-1.63%	-1.47%	-1.34%	-1.42%	-1.42%	-1.36%	-1.33%	-1.29%	-1.31%	-1.46%
European Union											
Production											
Baseline	1,706	1,704	1,702	1,703	1,704	1,705	1,705	1,703	1,702	1,700	
WTO	1,617	1,643	1,650	1,649	1,622	1,612	1,606	1,599	1,603	1,608	
Change	-88.5	-60.8	-52.4	-53.9	-81.5	-93.5	-99.6	-104.9	-98.8	-92.4	-82.62
% chg	-5.19%	-3.56%	-3.08%	-3.17%	-4.78%	-5.49%	-5.84%	-6.16%	-5.81%	-5.43%	-4.85%
Consumption											
Baseline	1,617	1,614	1,604	1,605	1,603	1,594	1,579	1,566	1,554	1,542	
WTO	1,687	1,685	1,682	1,664	1,646	1,619	1,598	1,575	1,554	1,531	
Change	70.4	71.9	78.5	59.0	42.9	25.1	18.5	8.6	0.0	-11.5	36.33
% chg	4.35%	4.46%	4.90%	3.67%	2.67%	1.57%	1.17%	0.55%	0.00%	-0.75%	2.26%
New Zealand											
Production											
Baseline	347	351	354	358	362	366	369	371	373	375	
WTO	364	378	384	387	391	395	398	400	402	403	
Change	16.8	27.7	29.4	28.6	28.9	29.3	29.1	29.0	28.6	28.4	27.58
% chg	4.83%	7.89%	8.30%	7.97%	7.99%	8.02%	7.90%	7.80%	7.66%	7.58%	7.59%
Consumption											
Baseline	27	28	28	28	29	29	29	29	29	29	
WTO	24	25	25	26	26	26	26	26	26	27	
Change	-3.8	-3.2	-2.9	-2.7	-2.8	-2.8	-2.8	-2.8	-2.7	-2.7	-2.93
% chg	-13.76%	-11.43%	-10.40%	-9.66%	-9.85%	-9.82%	-9.70%	-9.60%	-9.34%	-9.38%	-10.29%
United States											
Production											
Baseline	546	547	549	553	555	559	560	562	564	567	
WTO	408	504	510	525	534	542	554	568	587	593	
Change	-137.2	-42.3	-39.6	-27.9	-21.5	-17.4	-6.7	5.3	22.6	26.7	-23.81
% chg	-25.1%	-7.7%	-7.2%	-5.0%	-3.9%	-3.1%	-1.2%	0.9%	4.0%	4.7%	-4.37%
Consumption											
Baseline	553	555	558	562	564	568	569	571	573	575	
WTO	592	582	585	582	587	592	593	592	588	593	
Change	38.4	26.5	27.3	20.6	23.2	24.4	24.0	21.0	15.3	17.9	23.87
% chg	6.9%	4.8%	4.9%	3.7%	4.1%	4.3%	4.2%	3.7%	2.7%	3.1%	4.24%

Table A.35. Cheese Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price											
	(U.S. Dollars per Metric Ton)										
Baseline	2,051	2,108	2,165	2,202	2,221	2,266	2,334	2,392	2,445	2,497	
Change	510.8	579.0	479.0	472.3	507.4	514.7	495.4	492.5	495.0	496.3	504.24
% chg	24.91%	27.47%	22.13%	21.45%	22.85%	22.71%	21.22%	20.59%	20.25%	19.88%	22.34%
Total Trade											
	(Thousand Metric Tons)										
Baseline	863	887	891	914	946	976	995	1,016	1,034	1,057	
Change	53.4	51.7	68.7	78.4	43.8	38.7	36.7	46.0	50.5	62.6	53.05
% chg	6.19%	5.83%	7.71%	8.58%	4.63%	3.96%	3.69%	4.52%	4.89%	5.93%	5.59%
Exports of Selected Countries											
Argentina											
Baseline	12	24	18	16	12	9	9	8	6	4	
Change	7.1	25.5	24.3	24.0	27.4	28.4	26.8	25.9	24.9	24.0	23.82
% chg	59%	104%	139%	154%	228%	300%	292%	325%	402%	579%	258%
Australia											
Baseline	185	181	191	195	206	213	217	225	232	240	
Change	34.2	22.6	19.3	26.3	27.0	28.3	27.9	28.7	29.0	29.4	27.26
% chg	18.43%	12.46%	10.12%	13.47%	13.07%	13.32%	12.86%	12.74%	12.49%	12.24%	13.12%
European Union											
Baseline	281	288	277	287	301	316	321	327	334	343	
Change	-56.5	-72.9	-84.8	-107.5	-161.5	-175.8	-166.6	-150.8	-140.3	-132.7	-124.94
% chg	-20.12%	-25.32%	-30.63%	-37.45%	-53.61%	-55.63%	-51.90%	-46.06%	-42.00%	-38.73%	-40.14%
New Zealand											
Baseline	271	277	293	305	315	327	336	342	346	349	
Change	13.9	2.3	2.1	6.1	10.1	12.4	12.8	13.1	12.8	12.5	9.81
% chg	5.15%	0.83%	0.70%	2.00%	3.20%	3.80%	3.82%	3.84%	3.69%	3.57%	3.06%
Switzerland											
Baseline	60	57	52	46	43	41	40	40	39	39	
Change	7.6	14.1	19.0	19.5	20.4	20.7	20.3	19.8	19.3	18.7	17.94
% chg	12.67%	24.69%	36.39%	42.24%	47.57%	50.43%	51.11%	50.06%	49.03%	47.71%	41.19%
Imports of Selected Countries											
Brazil											
Baseline	5	-3	-7	-6	-2	0	1	3	6	9	
Change	22.8	47.3	57.3	55.0	51.8	51.4	53.4	54.3	55.1	55.9	50.42
% chg	506%	-1653%	-809%	-982%	-3010%	110667%	4859%	1937%	944%	600%	11306%
Canada											
Baseline	11	11	10	10	8	8	8	8	8	8	
Change	68.3	62.3	66.9	67.5	66.6	65.2	63.9	62.5	61.0	59.7	64.39
% chg	649%	587%	646%	680%	820%	811%	799%	783%	764%	746%	728%
Japan											
Baseline	200	206	210	216	222	228	234	239	244	249	
Change	46.0	36.7	30.1	22.4	14.6	6.5	-0.8	-8.0	-15.1	-22.4	11.02
% chg	22.97%	17.77%	14.33%	10.39%	6.58%	2.87%	-0.32%	-3.36%	-6.20%	-8.97%	5.61%
Mexico											
Baseline	60	58	57	57	56	51	49	45	39	31	
Change	-21.0	-41.1	-52.7	-57.8	-62.7	-65.9	-67.0	-67.0	-66.6	-66.1	-56.80
% chg	-35%	-71%	-92%	-102%	-112%	-129%	-137%	-150%	-170%	-210%	-121%
Russia											
Baseline	108	113	118	125	133	140	147	153	161	169	
Change	-31.3	-54.5	-56.8	-51.8	-49.3	-45.7	-41.2	-36.2	-31.5	-26.6	-42.49
% chg	-28.92%	-48.25%	-48.02%	-41.29%	-37.08%	-32.68%	-28.09%	-23.57%	-19.56%	-15.80%	-32.33%
United States											
Baseline	138	138	137	137	137	137	137	137	137	137	
Change	-88.7	-66.6	-51.8	-53.8	-60.6	-66.7	-69.3	-72.1	-72.3	-79.2	-68.11
% chg	-64.10%	-48%	-38%	-39%	-44%	-49%	-50%	-52%	-53%	-58%	-49.50%

Table A.37. Nonfat Dry Milk Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,739	1,772	1,788	1,813	1,843	1,880	1,932	1,963	1,993	2,021	
Change	289.9	693.9	635.4	598.8	602.6	595.7	575.6	569.0	575.3	571.1	570.72
% chg	16.67%	39.17%	35.53%	33.02%	32.69%	31.68%	29.79%	29.00%	28.86%	28.26%	30.47%
Total Trade	(Thousand Metric Tons)										
Baseline	965	954	959	971	986	997	1,001	1,010	1,021	1,033	
Change	106.0	32.4	45.7	51.2	59.6	63.3	66.7	68.6	66.7	69.5	62.96
% chg	10.99%	3.39%	4.76%	5.27%	6.04%	6.35%	6.66%	6.79%	6.53%	6.73%	6.35%
Exports of Selected Countries											
Argentina											
Baseline	21	22	22	23	23	23	24	24	25	25	
Change	3.3	8.1	8.3	7.9	8.1	8.1	7.9	7.8	7.8	7.7	7.50
% chg	15.17%	36.50%	37.37%	34.94%	34.99%	34.62%	33.06%	32.16%	31.33%	30.64%	32.08%
Australia											
Baseline	222	227	222	217	222	224	221	220	219	220	
Change	25.0	58.3	62.6	66.5	72.8	75.9	76.0	76.7	60.7	57.9	63.24
% chg	11.28%	25.71%	28.21%	30.66%	32.74%	33.85%	34.40%	34.88%	27.70%	26.32%	28.57%
Canada											
Baseline	36	35	37	37	35	32	32	31	30	29	
Change	-37.4	-71.9	-81.0	-81.1	-78.9	-76.8	-77.2	-76.4	-75.4	-74.7	-73.08
% chg	-105%	-206%	-216%	-219%	-229%	-240%	-241%	-247%	-255%	-262%	-222%
European Union											
Baseline	95	106	101	104	107	111	112	112	113	113	
Change	-35.9	-107.5	-121.5	-121.4	-126.9	-129.2	-120.5	-116.5	-106.9	-99.0	-108.53
% chg	-38%	-102%	-121%	-116%	-118%	-117%	-108%	-104%	-95%	-87%	-101%
New Zealand											
Baseline	198	192	196	202	208	213	218	221	224	227	
Change	12.3	35.9	39.0	36.7	36.9	37.3	36.8	36.4	35.7	35.4	34.26
% chg	6.23%	18.72%	19.92%	18.19%	17.77%	17.52%	16.91%	16.46%	15.94%	15.61%	16.33%
United States											
Baseline	178	135	130	124	115	106	97	97	97	97	
Change	154.7	41.5	36.7	42.4	47.4	51.2	58.5	59.3	65.3	60.1	61.71
% chg	86.76%	30.71%	28.29%	34.23%	41.33%	48.41%	60.56%	61.36%	67.63%	62.19%	52.15%
Imports of Selected Countries											
Brazil											
Baseline	12	12	13	13	12	12	12	12	13	13	
Change	-5.1	-15.2	-15.9	-15.3	-15.4	-15.7	-15.9	-16.2	-16.6	-17.0	-14.83
% chg	-43%	-125%	-123%	-122%	-128%	-131%	-135%	-133%	-132%	-129%	-120%
Indonesia											
Baseline	101	104	107	110	113	115	118	121	124	126	
Change	13.3	11.3	11.8	12.4	12.7	13.1	13.7	14.1	14.4	14.8	13.16
% chg	13.22%	10.82%	11.02%	11.25%	11.28%	11.38%	11.55%	11.63%	11.64%	11.70%	11.55%
Japan											
Baseline	42	30	28	31	41	46	50	53	55	57	
Change	-22.3	-16.5	-12.0	-13.0	-15.2	-19.9	-25.0	-30.6	-35.2	-39.0	-22.86
% chg	-53.02%	-54.34%	-43.13%	-42.07%	-36.97%	-42.72%	-50.30%	-57.85%	-63.48%	-67.87%	-51.17%
Mexico											
Baseline	90	95	98	102	105	107	110	113	116	119	
Change	-6.0	-7.9	-8.3	-8.7	-9.3	-9.6	-9.7	-9.9	-10.1	-10.2	-8.97
% chg	-6.69%	-8.33%	-8.46%	-8.60%	-8.82%	-8.95%	-8.82%	-8.71%	-8.65%	-8.56%	-8.46%
Russia											
Baseline	42	43	42	39	36	33	30	26	22	18	
Change	-4.1	-20.8	-25.0	-22.2	-20.3	-17.6	-14.4	-10.5	-6.8	-2.7	-14.44
% chg	-9.62%	-48.58%	-58.97%	-56.47%	-56.51%	-53.98%	-48.88%	-40.56%	-30.26%	-14.66%	-41.85%

Table A.38. Nonfat Dry Milk Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	264	262	256	251	256	258	255	254	253	254	
Change	23.4	55.2	62.6	65.5	71.0	74.0	74.2	74.6	54.0	55.7	61.02
% chg	8.88%	21.06%	24.40%	26.10%	27.69%	28.67%	29.13%	29.41%	21.35%	21.94%	23.86%
Consumption											
Baseline	33	34	34	34	34	34	34	34	34	33	
Change	-1.6	-3.7	-3.2	-2.9	-2.9	-2.9	-2.6	-2.5	-2.5	-2.4	-2.73
% chg	-4.88%	-10.94%	-9.40%	-8.40%	-8.72%	-8.53%	-7.80%	-7.53%	-7.45%	-7.35%	-8.10%
European Union											
Production											
Baseline	972	961	946	931	922	911	907	896	884	873	
Change	-206.4	-122.3	-120.9	-105.5	-107.8	-105.3	-100.0	-91.2	-78.7	-65.1	-110.33
% chg	-21.22%	-12.74%	-12.78%	-11.33%	-11.69%	-11.55%	-11.03%	-10.18%	-8.90%	-7.46%	-11.89%
Consumption											
Baseline	861	853	845	838	828	818	802	789	776	763	
Change	65.3	-13.0	1.2	5.2	4.9	7.1	13.6	20.4	24.2	30.6	15.94
% chg	7.59%	-1.53%	0.14%	0.62%	0.59%	0.87%	1.69%	2.59%	3.12%	4.01%	1.97%
New Zealand											
Production											
Baseline	198	203	207	214	219	225	230	233	236	239	
Change	11.6	34.2	37.5	35.4	35.5	36.0	35.6	35.2	34.5	34.2	32.97
% chg	5.86%	16.85%	18.10%	16.56%	16.20%	16.01%	15.49%	15.10%	14.61%	14.32%	14.91%
Consumption											
Baseline	11	11	11	12	12	12	12	12	12	12	
Change	-0.7	-1.7	-1.5	-1.4	-1.4	-1.3	-1.3	-1.2	-1.2	-1.2	-1.28
% chg	-6.61%	-14.98%	-13.02%	-11.83%	-11.65%	-11.24%	-10.61%	-10.22%	-10.05%	-9.71%	-10.99%
United States											
Production											
Baseline	623	608	592	576	555	539	515	494	472	454	
Change	-254.4	-66.8	-58.6	-39.6	-23.2	-13.7	8.8	31.8	63.3	74.3	-27.80
% chg	-41%	-11%	-10%	-7%	-4%	-3%	2%	6%	13%	16%	-3.74%
Consumption											
Baseline	403	406	409	399	402	402	406	408	410	410	
Change	-15.0	-40.4	-42.9	-30.0	-34.1	-35.3	-38.2	-38.8	-38.4	-40.1	-35.33
% chg	-3.7%	-10.0%	-10.5%	-7.5%	-8.5%	-8.8%	-9.4%	-9.5%	-9.4%	-9.8%	-8.70%

Table A.39. Whole Milk Powder Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,788	1,826	1,847	1,870	1,892	1,924	1,964	1,998	2,030	2,064	
Change	458.2	577.3	512.1	495.5	492.6	480.3	470.6	466.4	473.8	469.7	489.64
% chg	25.63%	31.61%	27.73%	26.50%	26.04%	24.96%	23.96%	23.34%	23.33%	22.76%	25.59%
Total Trade	(Thousand Metric Tons)										
Baseline	1,277	1,293	1,304	1,326	1,345	1,356	1,368	1,377	1,385	1,393	
Change	76.3	35.8	69.5	75.3	83.5	94.1	99.1	106.4	108.6	118.7	86.72
% chg	5.98%	2.77%	5.33%	5.68%	6.21%	6.94%	7.24%	7.73%	7.84%	8.52%	6.42%
Exports of Selected Countries											
Argentina											
Baseline	100	104	107	108	109	111	113	116	118	120	
Change	20.8	18.3	16.7	17.9	17.6	16.9	16.9	16.7	17.1	16.5	17.56
% chg	20.92%	17.58%	15.68%	16.53%	16.18%	15.17%	14.90%	14.45%	14.54%	13.74%	15.97%
Australia											
Baseline	193	197	200	201	202	203	205	206	206	207	
Change	12.3	18.9	24.5	28.5	33.2	35.9	36.7	37.7	23.9	25.7	27.74
% chg	6.36%	9.58%	12.25%	14.14%	16.46%	17.64%	17.92%	18.35%	11.58%	12.44%	13.67%
European Union											
Baseline	476	478	471	478	484	480	479	478	478	478	
Change	9.2	-53.8	-48.9	-72.7	-84.1	-82.5	-78.8	-75.4	-68.4	-65.6	-62.10
% chg	1.94%	-11.26%	-10.38%	-15.23%	-17.39%	-17.20%	-16.47%	-15.76%	-14.31%	-13.73%	-12.98%
New Zealand											
Baseline	508	513	526	539	550	562	571	577	583	588	
Change	34.0	16.3	10.6	15.1	15.8	15.5	16.3	16.5	17.2	15.9	17.33
% chg	6.69%	3.17%	2.02%	2.81%	2.88%	2.75%	2.86%	2.86%	2.95%	2.71%	3.17%
Imports of Selected Countries											
Brazil											
Baseline	23	21	21	23	24	24	26	30	33	37	
Change	-0.7	6.6	12.1	10.4	12.9	15.7	16.5	17.2	16.3	18.1	12.50
% chg	-3.11%	30.72%	56.39%	44.63%	54.86%	64.70%	62.45%	58.36%	49.18%	48.50%	46.67%
China											
Baseline	25	12	8	21	29	39	52	59	63	64	
Change	7.8	-47.6	-74.4	-107.2	-130.0	-147.1	-160.0	-170.1	-181.4	-190.5	-120.06
% chg	31%	-413%	-947%	-519%	-446%	-380%	-307%	-287%	-290%	-296%	-385%
Indonesia											
Baseline	12	12	13	13	13	14	14	14	15	15	
Change	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.4	3.5	3.13
% chg	23.71%	22.93%	23.09%	23.24%	23.23%	23.31%	23.43%	23.49%	23.48%	23.52%	23.34%
Malaysia											
Baseline	47	48	50	51	53	55	57	59	61	63	
Change	-0.5	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.60
% chg	-1.13%	-1.36%	-1.18%	-1.11%	-1.12%	-1.08%	-1.03%	-1.01%	-1.01%	-1.00%	-1.10%
Mexico											
Baseline	23	25	26	27	30	31	31	32	33	34	
Change	4.9	4.0	1.4	0.6	0.2	0.0	0.0	0.3	0.7	1.2	1.33
% chg	21.10%	15.89%	5.49%	2.12%	0.64%	0.16%	0.10%	1.04%	2.17%	3.55%	5.23%
Russia											
Baseline	23	23	22	21	20	19	17	15	13	12	
Change	-0.4	-7.1	-7.7	-6.2	-6.1	-5.5	-4.2	-2.8	-1.4	-0.2	-4.15
% chg	-1.72%	-30.83%	-34.41%	-29.60%	-30.52%	-29.47%	-24.54%	-18.53%	-10.40%	-1.65%	-21.17%
South Korea											
Baseline	0	0	0	0	1	1	1	1	1	1	
Change	2.7	3.0	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.01
% chg	559%	646%	720%	831%	530%	471%	523%	501%	473%	426%	568%

Table A.40. Whole Milk Powder Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Australia											
	(Thousand Metric Tons)										
Production											
Baseline	218	224	227	229	230	232	234	235	236	237	
Change	11.6	18.2	23.9	27.9	32.6	35.3	36.2	37.2	23.4	25.2	27.16
% chg	5.32%	8.12%	10.52%	12.20%	14.21%	15.24%	15.49%	15.85%	9.91%	10.65%	11.75%
Consumption											
Baseline	26	26	27	27	28	28	29	29	30	30	
Change	-0.6	-0.7	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.57
% chg	-2.42%	-2.82%	-2.33%	-2.11%	-2.10%	-1.99%	-1.82%	-1.73%	-1.69%	-1.63%	-2.06%
European Union											
Production											
Baseline	975	977	969	977	983	979	975	972	970	967	
Change	44.3	-24.1	-13.5	-40.0	-53.8	-55.3	-52.1	-49.5	-43.8	-42.1	-33.01
% chg	4.54%	-2.47%	-1.40%	-4.10%	-5.47%	-5.65%	-5.34%	-5.09%	-4.52%	-4.35%	-3.39%
Consumption											
Baseline	499	499	499	499	499	499	497	494	492	489	
Change	35.1	29.7	35.3	32.7	30.3	27.2	26.7	25.9	24.5	23.5	29.09
% chg	7.02%	5.95%	7.08%	6.55%	6.07%	5.44%	5.38%	5.24%	4.99%	4.81%	5.85%
New Zealand											
Production											
Baseline	536	550	564	576	587	600	608	616	622	627	
Change	18.1	12.0	12.3	15.2	15.3	15.3	16.1	16.1	16.5	15.5	15.24
% chg	3.38%	2.19%	2.18%	2.63%	2.60%	2.54%	2.65%	2.62%	2.66%	2.48%	2.59%
Consumption											
Baseline	34	35	35	36	36	37	37	38	38	39	
Change	-1.0	-1.2	-1.0	-1.0	-0.9	-0.9	-0.9	-0.8	-0.8	-0.8	-0.93
% chg	-2.85%	-3.48%	-2.89%	-2.67%	-2.58%	-2.43%	-2.30%	-2.20%	-2.17%	-2.07%	-2.56%

Table A.41. Beef Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,641	1,684	1,730	1,681	1,613	1,545	1,506	1,481	1,507	1,543	
Change	145.6	162.5	183.5	126.6	36.4	-16.2	-34.1	-19.3	8.0	43.8	63.68
% chg	8.87%	9.65%	10.61%	7.54%	2.26%	-1.05%	-2.26%	-1.30%	0.53%	2.84%	3.77%
Total Trade	(Thousand Metric Tons)										
Baseline	2,906	3,218	3,484	3,726	3,990	4,123	4,171	4,233	4,171	4,158	
Change	361	432	387	385	381	323	278	254	270	309	337.95
% chg	12.42%	13.42%	11.10%	10.35%	9.54%	7.84%	6.67%	6.00%	6.47%	7.44%	9.12%
Exports of Selected Countries											
Argentina											
Baseline	194	280	330	322	323	326	347	362	408	438	
Change	115.5	77.4	89.5	76.0	78.0	115.5	159.6	198.8	218.7	223.0	135.20
% chg	59.62%	27.62%	27.15%	23.59%	24.17%	35.37%	45.96%	55.01%	53.66%	50.86%	40.30%
Australia											
Baseline	1,370	1,421	1,478	1,484	1,539	1,526	1,478	1,450	1,433	1,404	
Change	62.3	25.9	51.5	84.5	126.5	178.3	204.3	216.5	219.2	214.2	138.31
% chg	4.55%	1.82%	3.48%	5.69%	8.22%	11.68%	13.82%	14.93%	15.30%	15.26%	9.47%
Brazil											
Baseline	510	575	607	752	825	841	839	820	838	854	
Change	94.4	111.7	155.3	135.6	72.4	24.1	-2.2	4.1	24.4	54.7	67.43
% chg	18.51%	19.44%	25.57%	18.04%	8.78%	2.86%	-0.26%	0.50%	2.91%	6.40%	10.27%
Canada											
Baseline	250	274	310	332	376	411	451	478	499	504	
Change	55.1	28.3	25.2	22.0	26.9	43.6	52.4	49.4	34.5	15.2	35.25
% chg	22.05%	10.32%	8.13%	6.62%	7.16%	10.61%	11.63%	10.33%	6.91%	3.01%	9.68%
European Union *											
Baseline	369	370	420	418	413	411	410	409	410	411	
Change	18.4	-153.3	-511.6	-525.4	-461.5	-550.6	-603.4	-636.7	-633.9	-614.7	-467.29
% chg	5%	-41%	-122%	-126%	-112%	-134%	-147%	-156%	-155%	-150%	-114%
New Zealand											
Baseline	538	570	600	591	584	570	568	570	593	612	
Change	50.7	33.0	40.4	30.9	16.3	12.7	14.1	24.6	35.6	45.2	30.35
% chg	9.41%	5.79%	6.74%	5.23%	2.79%	2.23%	2.48%	4.32%	5.99%	7.38%	5.24%
United States											
Baseline	-497	-495	-507	-348	-151	30	127	239	67	-3	
Change	341.1	507.4	623.4	709.7	725.0	744.1	720.8	670.4	623.4	595.3	626.06
% chg	-69%	-102%	-123%	-204%	-479%	2479%	569%	280%	931%	-18673%	-1539%
Imports of Selected Countries											
Japan											
Baseline	912	919	930	961	997	1,031	1,059	1,082	1,096	1,104	
Change	213.5	201.4	189.8	200.4	222.0	225.7	217.9	200.3	185.8	172.0	202.87
% chg	23.40%	21.92%	20.42%	20.86%	22.26%	21.90%	20.58%	18.51%	16.95%	15.57%	20.24%
Mexico											
Baseline	473	593	645	693	742	681	595	546	511	539	
Change	-102.1	53.7	62.8	44.9	-40.0	-164.1	-238.2	-251.5	-210.4	-147.3	-99.22
% chg	-21.58%	9.06%	9.74%	6.47%	-5.39%	-24.08%	-40.00%	-46.03%	-41.18%	-27.36%	-18.03%
Philippines											
Baseline	90	99	102	113	125	136	143	148	144	138	
Change	80.5	57.7	47.9	62.7	86.9	107.4	119.2	120.9	115.0	107.5	90.58
% chg	89.58%	58.06%	47.13%	55.54%	69.77%	79.05%	83.37%	81.46%	80.05%	77.66%	72.17%
South Korea											
Baseline	232	250	265	284	303	321	336	349	356	361	
Change	48.5	47.9	43.3	45.5	52.5	60.0	66.3	70.4	72.7	74.0	58.11
% chg	20.89%	19.20%	16.32%	16.04%	17.33%	18.70%	19.72%	20.19%	20.42%	20.50%	18.93%

* Includes meat and meat equivalent of live cattle trade.

Table A.42. Beef Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	2,902	2,946	3,010	3,045	3,096	3,152	3,221	3,280	3,356	3,416	
Change	77.3	40.0	49.8	46.5	66.9	117.9	167.8	204.3	217.1	212.3	119.97
% chg	2.7%	1.4%	1.7%	1.5%	2.2%	3.7%	5.2%	6.2%	6.5%	6.2%	3.72%
Consumption											
Baseline	2,709	2,665	2,680	2,723	2,773	2,826	2,873	2,918	2,949	2,977	
Change	-38.1	-37.4	-39.8	-29.5	-11.1	2.4	8.2	5.5	-1.7	-10.7	-15.23
% chg	-1.4%	-1.4%	-1.5%	-1.1%	-0.4%	0.1%	0.3%	0.2%	-0.1%	-0.4%	-0.56%
Australia											
Production											
Baseline	2,038	2,099	2,165	2,188	2,255	2,260	2,233	2,221	2,208	2,179	
Change	54.3	16.1	40.0	75.3	124.7	182.7	212.5	223.1	221.3	211.2	136.11
% chg	2.7%	0.8%	1.8%	3.4%	5.5%	8.1%	9.5%	10.0%	10.0%	9.7%	6.16%
Consumption											
Baseline	668	678	687	704	716	733	755	770	775	775	
Change	-7.7	-9.8	-11.5	-9.3	-2.0	4.3	8.1	6.7	2.2	-2.8	-2.18
% chg	-1.2%	-1.4%	-1.7%	-1.3%	-0.3%	0.6%	1.1%	0.9%	0.3%	-0.4%	-0.34%
Brazil											
Production											
Baseline	6,883	7,089	7,220	7,520	7,767	7,966	8,134	8,278	8,417	8,545	
Change	61.2	66.5	99.7	106.8	94.9	87.7	80.5	79.7	78.6	81.5	83.72
% chg	0.9%	0.9%	1.4%	1.4%	1.2%	1.1%	1.0%	1.0%	0.9%	1.0%	1.08%
Consumption											
Baseline	6,373	6,515	6,613	6,768	6,942	7,125	7,296	7,458	7,578	7,691	
Change	-33.1	-45.2	-55.6	-28.9	22.5	63.6	82.7	75.6	54.3	26.9	16.29
% chg	-0.5%	-0.7%	-0.8%	-0.4%	0.3%	0.9%	1.1%	1.0%	0.7%	0.3%	0.20%
China - Mainland											
Production											
Baseline	5,847	6,103	6,374	6,650	6,963	7,276	7,613	8,000	8,432	8,899	
Change	-158.0	-70.2	-45.0	-91.5	-116.7	-119.2	-114.9	-109.5	-106.7	-101.4	-103.32
% chg	-2.7%	-1.2%	-0.7%	-1.4%	-1.7%	-1.6%	-1.5%	-1.4%	-1.3%	-1.1%	-1.45%
Consumption											
Baseline	5,819	6,071	6,348	6,642	6,979	7,322	7,693	8,115	8,574	9,067	
Change	168.8	107.0	32.8	37.5	46.6	50.7	49.9	45.8	41.2	35.2	61.53
% chg	2.9%	1.8%	0.5%	0.6%	0.7%	0.7%	0.6%	0.6%	0.5%	0.4%	0.92%
European Union *											
Production											
Baseline	7,271	7,492	7,438	7,397	7,377	7,322	7,281	7,254	7,231	7,205	
Change	-206.6	-157.4	-202.7	-258.1	-303.9	-331.7	-355.6	-389.1	-414.5	-431.0	-305.05
% chg	-2.8%	-2.1%	-2.7%	-3.5%	-4.1%	-4.5%	-4.9%	-5.4%	-5.7%	-6.0%	-4.18%
Consumption											
Baseline	6,827	7,099	7,340	7,258	7,014	6,961	6,921	6,895	6,870	6,844	
Change	150.3	19.3	-12.8	-11.6	107.6	169.1	198.2	197.9	169.6	133.7	112.13
% chg	2.2%	0.3%	-0.2%	-0.2%	1.5%	2.4%	2.9%	2.9%	2.5%	2.0%	1.63%
Mexico											
Production											
Baseline	1,887	1,776	1,756	1,773	1,797	1,917	2,057	2,154	2,227	2,234	
Change	48.4	-87.6	-102.3	-69.9	43.3	190.3	276.0	287.0	234.5	155.7	97.53
% chg	3%	-5%	-6%	-4%	2%	10%	13%	13%	11%	7%	4.44%
Consumption											
Baseline	2,360	2,369	2,401	2,467	2,539	2,598	2,653	2,701	2,738	2,773	
Change	-53.8	-33.9	-39.5	-25.1	3.4	26.2	37.8	35.4	24.1	8.3	-1.69
% chg	-2%	-1%	-2%	-1%	0%	1%	1%	1%	1%	0%	-0.13%

* Includes meat and meat equivalent of live cattle trade.

Table A.43. Pork Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	984	892	950	987	1,012	957	915	879	929	997	
Change	112.7	109.6	109.7	95.0	73.8	73.3	84.5	100.9	107.4	108.4	97.54
% chg	11.46%	12.28%	11.55%	9.63%	7.29%	7.66%	9.23%	11.47%	11.56%	10.88%	10.30%
Total Trade	(Thousand Metric Tons)										
Baseline	2,551	2,735	2,831	2,949	3,038	3,139	3,273	3,414	3,537	3,644	
Change	496.9	443.1	685	883	1,055	1,067	1,037	986	1,081	1,252.9	898.68
% chg	19.47%	16.20%	24.19%	29.95%	34.72%	33.98%	31.69%	28.88%	30.58%	34.39%	28.40%
Exports of Selected Countries											
Brazil											
Baseline	284	331	367	380	410	434	460	486	488	487	
Change	145.6	156.1	197.5	224.9	238.6	266.1	296.8	327.8	342.6	351.8	254.77
% chg	51.20%	47.19%	53.82%	59.17%	58.22%	61.31%	64.46%	67.46%	70.16%	72.28%	60.53%
Canada											
Baseline	649	612	658	714	796	817	825	817	872	966	
Change	173.5	198.8	249.6	287.0	311.7	343.8	377.7	417.6	435.8	451.4	324.67
% chg	26.72%	32.48%	37.90%	40.19%	39.16%	42.10%	45.77%	51.08%	49.96%	46.75%	41.21%
European Union											
Baseline	1,230	1,329	1,298	1,295	1,229	1,231	1,270	1,340	1,385	1,412	
Change	204.1	-123.3	-64.7	-16.9	70.7	-50.2	-215.3	-412.2	-363.3	-205.6	-117.66
% chg	16.59%	-9.27%	-4.98%	-1.30%	5.75%	-4.08%	-16.95%	-30.77%	-26.23%	-14.56%	-8.58%
Poland											
Baseline	50	76	105	146	181	216	247	277	284	286	
Change	-73.5	-71.6	-92.4	-114.2	-132.9	-123.4	-106.4	-87.0	-95.0	-112.9	-100.93
% chg	-146%	-94.57%	-88.07%	-78.03%	-73.36%	-57.24%	-43.02%	-31.43%	-33.42%	-39.48%	-68.45%
United States											
Baseline	228	260	268	275	278	295	327	351	376	376	
Change	149.2	328.3	449.1	559.3	626.0	681.2	722.9	764.6	788.9	808.5	587.78
% chg	66%	126%	168%	203%	225%	231%	221%	218%	210%	215%	188%
Imports of Selected Countries											
China - Mainland											
Baseline	79	87	127	144	159	178	198	209	219	229	
Change	98.8	136.1	260.1	345.1	423.2	404.4	360.9	303.3	342.0	436.6	311.04
% chg	125%	157%	204%	240%	267%	228%	182%	145%	156%	191%	190%
Japan											
Baseline	945	1,001	1,019	1,041	1,059	1,099	1,140	1,181	1,201	1,210	
Change	176.9	161.9	195.8	220.1	239.5	286.7	342.7	403.6	436.7	452.8	291.66
% chg	18.72%	16.18%	19.21%	21.15%	22.60%	26.08%	30.07%	34.16%	36.37%	37.43%	26.20%
Mexico											
Baseline	274	331	357	372	376	394	433	485	514	519	
Change	45.4	-15.9	-26.2	-43.0	-57.7	-69.3	-77.7	-83.9	-84.8	-82.8	-49.57
% chg	16.58%	-4.80%	-7.33%	-11.54%	-15.35%	-17.59%	-17.93%	-17.30%	-16.48%	-15.94%	-10.77%
Philippines											
Baseline	32	37	35	47	51	59	67	76	94	116	
Change	-2.7	-2.7	17.9	30.1	39.7	35.7	31.6	26.9	32.7	41.8	25.11
% chg	-8.36%	-7.36%	50.88%	63.96%	77.74%	60.64%	47.44%	35.55%	34.83%	36.14%	39.15%
South Korea											
Baseline	66	96	97	96	92	97	101	105	102	99	
Change	39.4	36.3	51.7	71.1	90.7	95.1	92.0	84.1	86.1	93.8	74.02
% chg	59.66%	37.76%	53.03%	74.43%	98.18%	98.21%	90.88%	79.82%	84.17%	94.30%	77.04%
Taiwan											
Baseline	44	60	68	78	81	90	100	109	111	110	
Change	3.8	8.9	14.5	24.2	32.3	37.3	40.0	40.3	42.4	45.5	28.93
% chg	8.75%	14.81%	21.39%	31.06%	40.07%	41.38%	40.18%	36.87%	38.16%	41.39%	31.41%

Table A.44. Pork Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Brazil											
	(Thousand Metric Tons)										
Production											
Baseline	2,235	2,337	2,425	2,488	2,561	2,630	2,707	2,786	2,857	2,929	
Change	123.9	137.2	181.9	208.5	218.8	236.9	257.3	282.0	298.0	312.9	225.72
% chg	5.5%	5.9%	7.5%	8.4%	8.5%	9.0%	9.5%	10.1%	10.4%	10.7%	8.56%
Consumption											
Baseline	1,951	2,006	2,058	2,108	2,151	2,196	2,246	2,300	2,369	2,442	
Change	-21.7	-18.9	-15.6	-16.3	-19.8	-29.2	-39.5	-45.8	-44.7	-38.9	-29.05
% chg	-1.1%	-0.9%	-0.8%	-0.8%	-0.9%	-1.3%	-1.8%	-2.0%	-1.9%	-1.6%	-1.31%
Canada											
Production											
Baseline	1,762	1,783	1,837	1,900	1,987	2,041	2,082	2,106	2,163	2,254	
Change	114.2	127.3	180.2	222.1	253.0	276.1	297.1	321.9	342.2	364.8	249.87
% chg	6.5%	7.1%	9.8%	11.7%	12.7%	13.5%	14.3%	15.3%	15.8%	16.2%	12.29%
Consumption											
Baseline	1,113	1,171	1,178	1,186	1,191	1,224	1,256	1,289	1,291	1,288	
Change	-59.3	-71.5	-69.4	-64.9	-58.7	-67.7	-80.6	-95.7	-93.6	-86.7	-74.80
% chg	-5.3%	-6.1%	-5.9%	-5.5%	-4.9%	-5.5%	-6.4%	-7.4%	-7.3%	-6.7%	-6.11%
European Union											
Production											
Baseline	17,804	17,964	18,009	18,060	18,121	18,196	18,294	18,414	18,533	18,635	
Change	20.5	-6.3	-59.2	-93.2	-98.5	-130.8	-213.6	-330.4	-410.3	-407.0	-172.88
% chg	0.1%	0.0%	-0.3%	-0.5%	-0.5%	-0.7%	-1.2%	-1.8%	-2.2%	-2.2%	-0.94%
Consumption											
Baseline	16,569	16,635	16,709	16,765	16,892	16,965	17,024	17,074	17,148	17,223	
Change	-182.4	112.2	6.5	-75.4	-169.3	-82.8	0.1	80.6	-44.8	-198.8	-55.41
% chg	-1.1%	0.7%	0.0%	-0.4%	-1.0%	-0.5%	0.0%	0.5%	-0.3%	-1.2%	-0.33%
China - Mainland											
Production											
Baseline	29,880	30,550	31,189	31,897	32,696	33,512	34,309	35,088	35,838	36,556	
Change	-192.6	-253.2	-305.6	-353.0	-404.4	-421.1	-412.4	-382.6	-373.3	-388.4	-348.65
% chg	-0.6%	-0.8%	-1.0%	-1.1%	-1.2%	-1%	-1.2%	-1.1%	-1.0%	-1%	-1.04%
Consumption											
Baseline	29,959	30,636	31,316	32,040	32,854	33,690	34,506	35,297	36,057	36,785	
Change	-93.8	-117.1	-45.5	-7.9	18.8	-16.7	-51.6	-79.3	-31.3	48.2	-37.61
% chg	-0.3%	-0.4%	-0.1%	0.0%	0.1%	0%	-0.1%	-0.2%	-0.1%	0%	-0.12%
Japan											
Production											
Baseline	1,248	1,228	1,221	1,216	1,217	1,214	1,207	1,198	1,198	1,204	
Change	-100.9	-98.6	-120.8	-138.5	-151.7	-165.2	-176.6	-187.0	-193.8	-198.5	-153.16
% chg	-8.1%	-8.0%	-9.9%	-11.4%	-12.5%	-13.6%	-14.6%	-15.6%	-16.2%	-16.5%	-12.64%
Consumption											
Baseline	2,193	2,228	2,240	2,256	2,277	2,312	2,346	2,379	2,398	2,414	
Change	68.4	62.6	74.6	81.3	87.2	120.4	165.1	215.8	242.8	254.6	137.29
% chg	3.1%	2.8%	3.3%	3.6%	3.8%	5.2%	7.0%	9.1%	10.1%	10.5%	5.87%

Table A.45. Broiler Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,306	1,315	1,323	1,325	1,320	1,317	1,330	1,339	1,353	1,365	
Change	104.5	102.1	105.5	101.1	88.4	86.8	89.5	97.0	104.3	112.8	99.22
% chg	8.00%	7.76%	7.98%	7.64%	6.69%	6.59%	6.73%	7.25%	7.71%	8.27%	7.46%
Total Trade	(Thousand Metric Tons)										
Baseline	5,165	5,435	5,683	5,929	6,176	6,419	6,614	6,797	6,991	7,220	
Change	985	1,196	1,170	1,176	1,172	1,172	1,190	1,215	1,229	1,239.5	1,174.47
% chg	19.06%	22.01%	20.59%	19.84%	18.97%	18.26%	17.99%	17.87%	17.58%	17.17%	18.93%
Exports of Selected Countries											
Brazil											
Baseline	1,300	1,524	1,683	1,842	1,951	2,045	2,186	2,297	2,393	2,464	
Change	442.8	485.5	492.9	477.3	454.4	454.3	443.8	439	437.1	440.3	456.76
% chg	34.06%	31.85%	29.29%	25.92%	23.29%	22.21%	20.30%	19.12%	18.26%	17.87%	24.22%
European Union											
Baseline	552	559	556	564	570	577	587	596	606	615	
Change	41.6	17.0	-182.4	-257.0	-317.2	-357.3	-373.8	-387.1	-419.8	-458.9	-269.49
% chg	7.53%	3.04%	-32.81%	-45.53%	-55.62%	-61.88%	-63.67%	-64.91%	-69.28%	-74.67%	-45.78%
Thailand											
Baseline	409	416	419	429	430	428	419	413	402	399	
Change	142.1	148.8	158.7	164.8	170.5	176.6	185.4	194.6	203.3	210.1	175.49
% chg	34.77%	35.74%	37.88%	38.37%	39.66%	41.27%	44.23%	47.16%	50.64%	52.68%	42.24%
United States											
Baseline	2,869	2,919	3,029	3,098	3,226	3,371	3,423	3,489	3,583	3,731	
Change	385.7	573.5	728.9	820.6	893.1	927.1	963.3	998.4	1,040.9	1,082.2	841.38
% chg	13.44%	19.65%	24.06%	26.49%	27.69%	27.51%	28.14%	28.62%	29.05%	29.00%	25.37%
Imports of Selected Countries											
Canada											
Baseline	10	11	14	16	17	19	20	21	22	25	
Change	108.1	145.7	171.4	192.7	205.2	221.4	235.0	248.8	260.8	272.8	206.19
% chg	1081%	1296%	1224%	1182%	1207%	1188%	1202%	1191%	1177%	1102%	1185%
China - Mainland											
Baseline	505	512	569	640	727	838	951	1,041	1,106	1,172	
Change	365.2	390.7	313.8	286.8	271.7	264.0	263.0	262.0	253.8	243.9	291.49
% chg	72.36%	76.32%	55.12%	44.80%	37.37%	31.51%	27.65%	25.16%	22.95%	20.80%	41.40%
Japan											
Baseline	680	699	716	733	753	772	787	803	818	833	
Change	-83.3	-88.8	-92.6	-91.1	-90.6	-90.6	-89.9	-88.8	-87.4	-85.6	-88.86
% chg	-12.24%	-12.71%	-12.92%	-12.42%	-12.04%	-11.73%	-11.42%	-11.06%	-10.67%	-10.28%	-11.75%
Mexico											
Baseline	245	262	296	323	350	345	338	327	337	352	
Change	-52.6	-44.9	-54.3	-64.0	-74.3	-81.0	-83.4	-82.9	-85.6	-90.0	-71.31
% chg	-21.45%	-17.16%	-18.37%	-19.81%	-21.23%	-23.49%	-24.69%	-25.34%	-25.42%	-25.57%	-22.25%
Philippines											
Baseline	11	19	23	26	34	45	53	62	73	86	
Change	98.7	127.0	137.2	135.8	132.6	129.3	128.2	128.8	129.5	129.6	127.68
% chg	935%	654%	594%	530%	394%	290%	242%	206%	177%	151%	417%
Saudi Arabia											
Baseline	386	406	432	453	477	502	525	549	574	600	
Change	77.0	84.8	93.9	99.2	101.1	95.0	90.0	86.9	94.8	104.9	92.76
% chg	19.95%	20.86%	21.73%	21.90%	21.21%	18.90%	17.13%	15.84%	16.53%	17.48%	19.15%
South Korea											
Baseline	82	91	97	102	107	111	114	117	120	123	
Change	34.8	48.5	52.0	54.5	57.6	60.3	63.5	65.6	65.7	64.5	56.71
% chg	42.29%	53.34%	53.30%	53.36%	53.97%	54.22%	55.60%	56.06%	54.82%	52.36%	52.93%

Table A.46. Broiler Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Brazil											
	(Thousand Metric Tons)										
Production											
Baseline	6,693	7,062	7,370	7,641	7,884	8,119	8,402	8,680	8,965	9,243	
Change	383.3	442.9	455.2	425.3	377.9	358.4	344.2	347	354.2	365.6	385.37
% chg	6%	6%	6%	6%	5%	4%	4%	4%	4%	4%	4.89%
Consumption											
Baseline	5,397	5,539	5,688	5,800	5,933	6,074	6,216	6,383	6,573	6,779	
Change	-58.1	-42.7	-37.7	-52.2	-76.7	-96.0	-99.7	-92	-82.8	-74.7	-71.29
% chg	-1%	-1%	-1%	-1%	-1%	-2%	-2%	-1%	-1%	-1%	-1.17%
European Union											
Production											
Baseline	6,815	6,923	6,988	7,065	7,161	7,226	7,292	7,360	7,426	7,484	
Change	1.3	-21.5	-153.2	-216.6	-301.7	-372.2	-412.6	-436.6	-450.8	-462.9	-282.68
% chg	0%	0%	-2%	-3%	-4%	-5%	-6%	-6%	-6%	-6%	-3.88%
Consumption											
Baseline	6,262	6,363	6,432	6,500	6,591	6,648	6,705	6,764	6,820	6,869	
Change	-40.4	-38.8	28.2	40.1	15.0	-15.1	-38.9	-49.4	-30.9	-4.0	-13.42
% chg	-1%	-1%	0%	1%	0%	0%	-1%	-1%	0%	0%	-0.20%
Thailand											
Production											
Baseline	1,264	1,296	1,327	1,356	1,378	1,395	1,407	1,423	1,444	1,479	
Change	52.8	63.5	71.4	68.0	61.0	56.9	55.9	58.2	61.7	66.1	61.55
% chg	4%	5%	5%	5%	4%	4%	4%	4%	4%	4%	4.48%
Consumption											
Baseline	855	880	908	927	948	968	988	1,011	1,043	1,080	
Change	-89.3	-85.3	-87.3	-96.8	-109.5	-119.7	-129.5	-136.4	-141.7	-144.0	-113.94
% chg	-10%	-10%	-10%	-10%	-12%	-12%	-13%	-13%	-14%	-13%	-11.76%
Canada											
Production											
Baseline	924	928	945	956	973	976	983	992	1,013	1,036	
Change	-60.5	-89.9	-109.0	-126.6	-139.2	-152.6	-163.3	-172.8	-181.3	-189.8	-138.51
% chg	-7%	-10%	-12%	-13%	-14%	-16%	-17%	-17%	-18%	-18%	-14.12%
Consumption											
Baseline	934	939	959	972	990	994	1,003	1,012	1,035	1,061	
Change	47.6	55.8	62.4	66.1	65.9	68.8	71.7	76.0	79.5	83.0	67.68
% chg	5%	6%	7%	7%	7%	7%	7%	8%	8%	8%	6.81%
China - Mainland											
Production											
Baseline	4,687	4,774	4,852	4,951	5,075	5,188	5,293	5,403	5,512	5,612	
Change	-274.2	-295.0	-253.7	-244.9	-247.7	-244.1	-237.9	-231.0	-225.0	-218.9	-247.23
% chg	-6%	-6%	-5%	-5%	-5%	-5%	-4%	-4%	-4%	-4%	-4.85%
Consumption											
Baseline	5,192	5,286	5,422	5,591	5,802	6,026	6,244	6,444	6,618	6,784	
Change	-362.9	-388.2	-330.8	-312.5	-305.1	-286.7	-264.6	-249.0	-239.8	-230.7	-297.04
% chg	-7%	-7%	-6%	-6%	-5%	-5%	-4%	-4%	-4%	-3%	-5.12%

Appendix B

Impacts of the Trade-Only Liberalization Scenario

Tables B.1 through B.44 present the impacts of the trade-only liberalization scenario on price, trade, production, and consumption.

Table B.1. Wheat Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	130.98	133.09	137.41	138.10	142.66	144.79	148.05	150.12	154.39	156.22	
Change	10.3	13.1	12.2	12.0	10.4	11.1	9.6	10.0	9.3	10.2	10.82
% chg	7.88%	9.87%	8.90%	8.71%	7.29%	7.63%	6.47%	6.66%	6.01%	6.54%	7.60%
Total Trade	(Thousand Metric Tons)										
Baseline	89,345	91,166	94,140	97,724	100,537	103,208	105,882	108,856	112,441	115,312	
Change	3,207.7	5,522.4	4,950.3	4,712.6	5,073.1	5,190.7	5,559.9	5,633.5	5,763.6	5,655.4	5,126.91
% chg	3.59%	6.06%	5.26%	4.82%	5.05%	5.03%	5.25%	5.18%	5.13%	4.90%	5.03%
Exports of Selected Countries											
Argentina											
Baseline	13,619	14,507	15,048	15,608	15,937	16,503	16,903	17,400	17,808	18,354	
Change	42.5	479.5	671.3	619.6	631.6	544.3	602.7	515.0	551.2	497.1	515.47
% chg	0.31%	3.31%	4.46%	3.97%	3.96%	3.30%	3.57%	2.96%	3.10%	2.71%	3.16%
Australia											
Baseline	16,743	16,812	17,108	17,528	17,954	18,342	18,703	19,103	19,518	19,954	
Change	129.4	190.6	233.6	224.3	220.6	203.1	202.8	182.1	178.8	164.5	192.97
% chg	0.77%	1.13%	1.37%	1.28%	1.23%	1.11%	1.08%	0.95%	0.92%	0.82%	1.07%
Canada											
Baseline	17,595	17,645	17,968	18,135	18,348	18,490	18,663	18,753	18,854	18,906	
Change	393.5	648.9	701.6	697.6	616.7	597.7	511.3	492.9	443.3	445.3	554.88
% chg	2.24%	3.68%	3.90%	3.85%	3.36%	3.23%	2.74%	2.63%	2.35%	2.36%	3.03%
European Union											
Baseline	11,525	12,727	13,691	15,749	16,586	17,574	18,478	19,944	21,519	22,756	
Change	910.9	1,760.6	771.1	778.6	1,638.2	1,930.1	2,639.5	2,825.7	3,119.2	3,208.5	1,958.23
% chg	7.90%	13.83%	5.63%	4.94%	9.88%	10.98%	14.28%	14.17%	14.49%	14.10%	11.02%
Hungary											
Baseline	2,035	2,006	1,991	2,013	2,041	2,072	2,099	2,126	2,157	2,189	
Change	33.5	106.2	96.0	73.1	65.0	51.1	39.1	30.1	30.8	31.5	55.64
% chg	1.65%	5.29%	4.82%	3.63%	3.18%	2.47%	1.86%	1.42%	1.43%	1.44%	2.72%
Russia											
Baseline	763	695	964	990	1,184	1,291	1,451	1,527	1,693	1,742	
Change	551.1	803.9	892.0	830.7	701.1	629.8	568.0	548.9	541.8	560.5	662.78
% chg	72.27%	115.65%	92.49%	83.94%	59.23%	48.80%	39.14%	35.95%	32.00%	32.17%	61.16%
Ukraine											
Baseline	2,570	2,551	2,822	3,019	3,120	3,191	3,242	3,282	3,376	3,479	
Change	43.5	122.2	104.0	33.2	20.4	-5.9	-20.0	-35.8	-32.9	-167.4	6.13
% chg	1.69%	4.79%	3.69%	1.10%	0.65%	-0.19%	-0.62%	-1.09%	-0.97%	-4.81%	0.42%
United States											
Baseline	23,840	23,613	23,983	24,122	24,830	25,226	25,843	26,241	27,041	27,472	
Change	1,164.9	1,435.7	1,485.3	1,460.6	1,187.2	1,253.5	1,039.7	1,097.9	952.1	931.7	1,200.87
% chg	4.89%	6.08%	6.19%	6.05%	4.78%	4.97%	4.02%	4.18%	3.52%	3.39%	4.81%
Imports of Selected Countries											
Japan											
Baseline	5,326	5,327	5,326	5,323	5,319	5,313	5,305	5,295	5,283	5,268	
Change	-85.5	-89.1	-93.6	-86.3	-83.7	-78.4	-73.1	-67.3	-67.5	-68.0	-79.24
% chg	-1.60%	-1.67%	-1.76%	-1.62%	-1.57%	-1.48%	-1.38%	-1.27%	-1.28%	-1.29%	-1.49%
China											
Baseline	1,343	2,303	4,478	5,336	5,700	5,465	5,413	5,084	5,851	5,340	
Change	-404.4	-828.5	-1,104.5	-1,187.4	-1,085.9	-1,004.3	-873.0	-803.4	-731.8	-725.2	-874.84
% chg	-30.11%	-35.97%	-24.66%	-22.25%	-19.05%	-18.38%	-16.13%	-15.80%	-12.51%	-13.58%	-20.84%
India											
Baseline	-3,093	-2,724	-2,449	-2,245	-1,531	-1,087	-513	122	707	1,295	
Change	1,951.8	3,576.5	3,341.1	3,142.1	3,077.1	2,992.0	2,864.3	2,776.0	2,649.7	2,520.5	2,889.10
% chg	-63.10%	-131.3%	-136.5%	-140.0%	-201.0%	-275.2%	-558.9%	2266.2%	374.9%	194.60%	132.98%

Table B.2. Wheat Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina	(Thousand Metric Tons)										
Production											
Baseline	17,512	18,311	18,809	19,365	19,696	20,270	20,678	21,184	21,591	22,141	
Change	0.0	402.5	578.1	521.9	540.7	455.1	519.0	430.7	467.8	409.2	432.51
% chg	0.00%	2.20%	3.07%	2.69%	2.75%	2.25%	2.51%	2.03%	2.17%	1.85%	2.15%
Consumption											
Baseline	3,950	3,820	3,775	3,762	3,773	3,776	3,786	3,792	3,797	3,795	
Change	-13.7	-65.2	-94.1	-98.3	-95.5	-87.8	-87.6	-83.5	-85.3	-85.4	-79.66
% chg	-0.35%	-1.71%	-2.49%	-2.61%	-2.53%	-2.33%	-2.31%	-2.20%	-2.25%	-2.25%	-2.10%
Canada											
Production											
Baseline	25,745	26,338	26,933	27,402	27,535	27,862	28,068	28,323	28,491	28,823	
Change	0.0	412.6	728.7	742.5	750.9	667.8	664.3	589.9	582.7	542.5	568.19
% chg	0.00%	1.57%	2.71%	2.71%	2.73%	2.40%	2.37%	2.08%	2.05%	1.88%	2.05%
Consumption											
Baseline	8,359	8,547	8,710	8,949	9,098	9,250	9,337	9,480	9,630	9,828	
Change	-38.6	-74.4	-18.6	3.3	54.0	67.3	103.6	102.5	120.6	125.8	44.55
% chg	-0.46%	-0.87%	-0.21%	0.04%	0.59%	0.73%	1.11%	1.08%	1.25%	1.28%	0.45%
European Union											
Production											
Baseline	105,143	107,010	108,194	109,563	111,227	112,780	114,131	115,434	117,126	118,560	
Change	277.8	583.7	-18.5	224.2	342.5	404.8	512.3	610.1	575.2	633.0	414.50
% chg	0.26%	0.55%	-0.02%	0.20%	0.31%	0.36%	0.45%	0.53%	0.49%	0.53%	0.37%
Consumption											
Baseline	92,729	93,049	94,613	94,341	94,588	94,758	95,336	95,424	95,479	95,579	
Change	-525.5	-917.5	-953.6	-661.8	-1,143.5	-1,409.9	-1,948.7	-2,126.9	-2,464.0	-2,566.7	-1,471.79
% chg	-0.57%	-0.99%	-1.01%	-0.70%	-1.21%	-1.49%	-2.04%	-2.23%	-2.58%	-2.69%	-1.55%
China											
Production											
Baseline	105,357	105,436	107,919	110,447	111,415	112,953	113,467	114,454	115,317	116,813	
Change	0.0	477.8	758.7	671.8	666.0	508.4	541.2	414.2	451.6	387.4	487.70
% chg	0.00%	0.45%	0.70%	0.61%	0.60%	0.45%	0.48%	0.36%	0.39%	0.33%	0.44%
Consumption											
Baseline	113,439	114,043	114,464	115,570	116,217	117,270	118,063	118,967	119,530	120,443	
Change	-420.8	-623.9	-557.7	-538.5	-399.6	-420.9	-306.7	-327.0	-268.7	-313.5	-417.74
% chg	-0.37%	-0.55%	-0.49%	-0.47%	-0.34%	-0.36%	-0.26%	-0.27%	-0.22%	-0.26%	-0.36%
India											
Production											
Baseline	67,635	68,744	69,509	70,876	71,018	71,878	72,378	73,062	73,510	74,309	
Change	0.0	-2,287.6	-1,989.2	-1,933.6	-1,767.6	-1,883.5	-1,670.7	-1,751.0	-1,574.8	-1,596.1	-1,645.41
% chg	0.00%	-3.33%	-2.86%	-2.73%	-2.49%	-2.62%	-2.31%	-2.40%	-2.14%	-2.15%	-2.30%
Consumption											
Baseline	66,049	67,193	67,919	69,254	70,187	71,415	72,465	73,734	74,775	76,095	
Change	1,737.6	1,370.4	1,361.5	1,223.8	1,294.3	1,136.2	1,179.9	1,046.2	1,074.2	952.1	1,237.62
% chg	2.63%	2.04%	2.00%	1.77%	1.84%	1.59%	1.63%	1.42%	1.44%	1.25%	1.76%
United States											
Production											
Baseline	58,157	59,107	59,362	60,417	60,941	62,007	62,693	63,706	64,385	65,409	
Change	0.0	461.1	949.9	758.0	811.8	577.5	717.2	541.4	634.2	400.3	585.14
% chg	0.00%	0.78%	1.60%	1.25%	1.33%	0.93%	1.14%	0.85%	0.99%	0.61%	0.95%
Consumption											
Baseline	34,997	35,664	35,687	36,300	36,334	36,828	36,990	37,502	37,524	37,969	
Change	-706.3	-859.2	-661.4	-697.7	-460.8	-619.2	-405.0	-520.9	-363.1	-454.6	-574.83
% chg	-2.02%	-2.41%	-1.85%	-1.92%	-1.27%	-1.68%	-1.09%	-1.39%	-0.97%	-1.20%	-1.58%

Table B.3. Corn Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	99	101	103	104	105	107	108	110	111	113	
Change	7.3	6.9	7.2	6.6	6.6	6.4	6.2	5.9	6.2	6.5	6.59
% chg	7.35%	6.85%	7.06%	6.39%	6.29%	5.95%	5.71%	5.35%	5.59%	5.78%	6.23%
Total Trade	(Thousand Metric Tons)										
Baseline	64,307	66,829	68,934	71,488	74,091	76,597	78,123	80,264	82,067	83,735	
Change	1,410.0	2,805.7	2,477.4	1,702.4	1,258.9	588.3	-76.4	-688	-844	-868	776.61
% chg	2.19%	4.20%	3.59%	2.38%	1.70%	0.77%	-0.10%	-0.86%	-1.03%	-1.04%	1.18%
Exports of Selected Countries											
Argentina											
Baseline	7,496	8,814	9,433	9,958	10,431	10,554	10,754	10,825	10,929	11,052	
Change	59.8	491.5	525.4	490.0	392.9	348.7	322.1	321.1	337.0	402.7	369.11
% chg	0.80%	5.58%	5.57%	4.92%	3.77%	3.30%	3.00%	2.97%	3.08%	3.64%	3.66%
Hungary											
Baseline	2,112	2,224	2,217	2,212	2,196	2,163	2,129	2,086	2,056	2,031	
Change	-175.9	-473.3	-718.5	-872.5	-966.9	-1,028.5	-1,079.1	-1,100.3	-1,094.5	-1,073.5	-858.31
% chg	-8.33%	-21.29%	-32.40%	-39.44%	-44.03%	-47.55%	-50.69%	-52.76%	-53.23%	-52.86%	-40.26%
South Africa											
Baseline	1,373	1,377	1,524	1,737	1,996	2,287	2,541	2,791	3,027	3,255	
Change	239.9	203.0	238.5	229.4	242.0	238.9	237.7	229.2	244.1	253.5	235.62
% chg	17.48%	14.74%	15.65%	13.21%	12.12%	10.44%	9.36%	8.21%	8.06%	7.79%	11.71%
United States											
Baseline	51,856	52,695	53,973	55,859	57,817	60,063	61,285	63,247	64,781	66,169	
Change	771.7	1,980.7	1,732.3	979.2	581.8	-37.5	-620.6	-1,237	-1,497	-1,630	102.39
% chg	1.49%	3.76%	3.21%	1.75%	1.01%	-0.06%	-1.01%	-1.96%	-2.31%	-2.46%	0.34%
Imports of Selected Countries											
Canada											
Baseline	1,918	1,886	2,056	2,332	2,549	2,752	2,867	3,082	3,359	3,627	
Change	-75.9	-85.0	-23.9	60.5	134.7	191.6	240.4	266.3	281.1	300.4	129.01
% chg	-3.96%	-4.50%	-1.16%	2.59%	5.28%	6.96%	8.38%	8.64%	8.37%	8.28%	3.89%
European Union											
Baseline	2,127	2,176	2,212	2,184	2,183	2,149	2,131	2,104	2,110	2,114	
Change	2,194.8	3,028.0	2,765.1	2,281.2	2,204.2	1,919.6	1,466.7	970.6	846.3	961.5	1,863.79
% chg	103.2%	139.1%	125.0%	104.5%	101.0%	89.3%	68.8%	46.1%	40.1%	45.5%	86.26%
Japan											
Baseline	15,162	15,183	15,040	15,026	15,076	15,196	15,271	15,301	15,284	15,315	
Change	573.4	410.6	221.7	122.0	70.4	92.4	117.6	128.8	86.4	34.4	185.77
% chg	3.78%	2.70%	1.47%	0.81%	0.47%	0.61%	0.77%	0.84%	0.57%	0.22%	1.22%
Brazil											
Baseline	-1,605	-1,383	-1,331	-1,184	-1,033	-926	-667	-581	-419	-383	
Change	-445.8	-389.1	-190.5	-84.1	-15.0	-1.8	57.1	60.5	34.0	-37.6	-101.21
% chg	27.77%	28.13%	14.31%	7.10%	1.45%	0.19%	-8.6%	-10.41%	-8.12%	9.81%	6.17%
Mexico											
Baseline	5,652	5,658	5,780	5,950	6,087	6,263	6,461	6,707	6,911	7,153	
Change	1,078.8	2,080.2	1,773.7	1,419.5	1,056.5	688.2	324.1	122.0	147.9	152.1	884.30
% chg	19.09%	36.76%	30.69%	23.86%	17.36%	10.99%	5.02%	1.82%	2.14%	2.13%	14.98%
China											
Baseline	1,105	2,474	3,317	4,125	5,574	6,627	6,708	7,171	7,278	7,462	
Change	-1,323.8	-959.1	-768.1	-876.0	-945.9	-977.2	-942.5	-911.7	-890.8	-858.9	-945.40
% chg	-119.8%	-38.77%	-23.16%	-21.24%	-16.97%	-14.7%	-14.05%	-12.71%	-12.24%	-11.51%	-28.52%
Taiwan											
Baseline	4,748	4,811	4,791	4,803	4,837	4,900	4,969	5,000	5,017	5,036	
Change	-189.9	-111.3	-127.3	-137.8	-164.0	-190.8	-212.9	-224.8	-227.8	-218.8	-180.55
% chg	-4.00%	-2.31%	-2.66%	-2.87%	-3.39%	-3.89%	-4.28%	-4.50%	-4.54%	-4.34%	-3.68%

Table B.4. Corn Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	11,770	13,086	13,775	14,388	14,957	15,168	15,457	15,582	15,728	15,879	
Change	-25.5	440.9	564.6	616.7	587.3	580.3	559.4	538.6	516.3	546.8	492.54
% chg	-0.22%	3.37%	4.10%	4.29%	3.93%	3.83%	3.62%	3.46%	3.28%	3.44%	3.31%
Consumption											
Baseline	4,329	4,305	4,358	4,442	4,539	4,629	4,711	4,769	4,811	4,840	
Change	-49.2	-41.3	43.3	125.0	194.0	230.3	235.9	215.7	180.5	146.1	128.04
% chg	-1.14%	-0.96%	0.99%	2.82%	4.27%	4.98%	5.01%	4.52%	3.75%	3.02%	2.73%
Hungary											
Production											
Baseline	7,571	7,735	7,804	7,817	7,823	7,824	7,828	7,831	7,841	7,849	
Change	0.0	-447.8	-703.6	-826.8	-897.5	-930.0	-947.7	-950.9	-950.5	-940.8	-759.56
% chg	0.00%	-5.79%	-9.02%	-10.58%	-11.47%	-11.89%	-12.11%	-12.14%	-12.12%	-11.99%	-9.71%
Consumption											
Baseline	5,321	5,452	5,554	5,589	5,616	5,653	5,692	5,740	5,779	5,813	
Change	91.2	3.5	14.8	45.8	71.4	100.1	133.4	150.8	146.1	135.1	89.23
% chg	1.71%	0.06%	0.27%	0.82%	1.27%	1.77%	2.34%	2.63%	2.53%	2.32%	1.57%
Mexico											
Production											
Baseline	18,860	19,374	19,739	20,029	20,340	20,674	21,019	21,313	21,660	21,981	
Change	0.0	-1,294.3	-1,126.8	-900.7	-666.6	-415.4	-158.5	106.5	100.6	107.8	-424.75
% chg	0.00%	-6.68%	-5.71%	-4.50%	-3.28%	-2.01%	-0.75%	0.50%	0.46%	0.49%	-2.15%
Consumption											
Baseline	24,560	25,038	25,508	25,971	26,423	26,935	27,468	28,016	28,563	29,129	
Change	890.6	817.2	685.0	554.3	425.5	306.9	198.7	227.2	249.2	260.5	461.52
% chg	3.63%	3.26%	2.69%	2.13%	1.61%	1.14%	0.72%	0.81%	0.87%	0.89%	1.78%
European Union											
Production											
Baseline	39,183	40,200	40,353	40,567	40,878	41,652	41,930	42,167	42,364	42,959	
Change	-36.3	-1,934.8	-1,288.7	-1,434.6	-1,251.5	-1,522.7	-1,250.9	-1,132.4	-880.8	-1,016.1	-1,174.90
% chg	-0.09%	-4.81%	-3.19%	-3.54%	-3.06%	-3.66%	-2.98%	-2.69%	-2.08%	-2.37%	-2.85%
Consumption											
Baseline	41,351	42,085	42,505	42,859	42,856	43,396	43,774	44,184	44,231	44,325	
Change	1,817.3	1,250.3	1,386.3	918.0	949.2	493.0	266.1	-88.3	-50.9	-62.6	687.86
% chg	4.39%	2.97%	3.26%	2.14%	2.21%	1.14%	0.61%	-0.20%	-0.11%	-0.14%	1.63%
China											
Production											
Baseline	119,443	122,440	124,984	129,403	131,434	133,640	136,490	138,636	141,102	143,410	
Change	0.0	127.0	-118.1	-30.0	-86.3	45.0	-23.8	55.5	-39.9	14.2	-5.63
% chg	0.00%	0.10%	-0.09%	-0.02%	-0.07%	0.03%	-0.02%	0.04%	-0.03%	0.01%	0.00%
Consumption											
Baseline	126,464	129,060	131,772	134,420	137,372	140,101	143,028	145,718	148,301	150,769	
Change	-1,167.3	-833.8	-879.7	-926.6	-1,039.0	-946.6	-977.9	-872.4	-932.6	-852.5	-942.83
% chg	-0.92%	-0.65%	-0.67%	-0.69%	-0.76%	-0.68%	-0.68%	-0.60%	-0.63%	-0.57%	-0.68%
United States											
Production											
Baseline	250,384	256,021	261,505	265,741	270,455	275,225	280,369	284,217	289,264	292,933	
Change	0.0	6,365.1	5,720.8	6,091.1	5,523.0	5,695.5	5,420.4	5,340.2	4,564.4	4,644.6	4,936.51
% chg	0.00%	2.49%	2.19%	2.29%	2.04%	2.07%	1.93%	1.88%	1.58%	1.59%	1.81%
Consumption											
Baseline	201,851	204,158	207,492	209,939	212,785	215,397	218,875	221,254	224,502	227,044	
Change	1,737.4	3,699.9	4,074.8	4,859.4	4,976.5	5,619.4	5,987.8	6,474.6	6,266.7	6,384.4	5,008.08
% chg	0.86%	1.81%	1.96%	2.31%	2.34%	2.61%	2.74%	2.93%	2.79%	2.81%	2.32%

Table B.5. Rice Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	180.64	185.84	191.30	196.88	202.25	207.69	213.35	219.10	225.17	231.57	
Change	19.0	23.3	22.2	22.4	21.4	22.1	21.2	21.6	21.6	22.8	21.75
% chg	10.51%	12.56%	11.62%	11.36%	10.57%	10.64%	9.93%	9.87%	9.57%	9.84%	10.65%
Total Trade	(Thousand Metric Tons)										
Baseline	19,307	18,526	18,620	19,010	19,437	19,974	20,585	21,658	22,525	23,849	
Change	4,345.2	5,544.3	5,446.2	5,509.7	5,514.9	5,591.3	5,559.8	5,617.1	5,655.5	5,752.2	5,453.61
% chg	22.51%	29.93%	29.25%	28.98%	28.37%	27.99%	27.01%	25.94%	25.11%	24.12%	26.92%
Exports of Selected Countries											
China											
Baseline	1,493	1,348	1,303	1,339	1,387	1,352	1,463	1,815	2,183	2,699	
Change	3,345.1	3,605.9	3,071.9	3,146.3	2,958.8	2,995.7	2,784.5	2,868.4	2,841.2	3,001.2	3,061.89
% chg	223.99%	267%	235.8%	235.1%	213.4%	221.6%	190.3%	158%	130.13%	111.2%	198.69%
India											
Baseline	1,999	1,331	1,064	1,073	1,052	1,204	1,355	1,657	1,709	2,027	
Change	293.4	449.6	613.9	600.9	803.4	851.0	1,040.7	1,036.5	1,094.3	1,011.3	779.51
% chg	14.68%	33.79%	57.69%	55.98%	76.38%	70.67%	76.81%	62.56%	64.04%	49.9%	56.25%
Myanmar (Burma)											
Baseline	756	751	755	762	770	780	790	801	814	829	
Change	0.0	40.6	67.0	77.4	83.5	85.0	86.6	84.9	83.7	81.6	69.04
% chg	0.00%	5.41%	8.87%	10.17%	10.84%	10.90%	10.97%	10.61%	10.29%	9.8%	8.79%
Thailand											
Baseline	7,226	7,317	7,571	7,885	8,136	8,385	8,642	8,983	9,315	9,663	
Change	197.9	484.1	621.4	622.7	635.7	630.1	644.5	640.9	657.8	664.9	580.01
% chg	2.74%	6.62%	8.21%	7.90%	7.81%	7.51%	7.46%	7.13%	7.06%	6.9%	6.93%
United States											
Baseline	3,156	3,117	3,050	2,980	2,921	2,839	2,753	2,666	2,578	2,479	
Change	104.1	-6.8	-55.9	-59.2	-62.0	-49.4	-54.9	-43.1	-45.5	-51.1	-32.37
% chg	3.3%	-0.2%	-1.8%	-2.0%	-2.1%	-1.7%	-2.0%	-1.6%	-1.8%	-2.1%	-1.20%
Vietnam											
Baseline	3,873	3,877	4,075	4,145	4,316	4,529	4,659	4,778	4,921	5,106	
Change	516.0	1,096.6	1,251.1	1,252.6	1,231.4	1,222.1	1,202.4	1,179.6	1,175.8	1,195.2	1,132.28
% chg	13.32%	28.29%	30.70%	30.22%	28.53%	26.98%	25.81%	24.69%	23.89%	23.4%	25.58%
Imports of Selected Countries											
Brazil											
Baseline	386	278	237	209	190	176	166	158	151	143	
Change	-169.5	-314.2	-366.2	-381.4	-375.8	-377.0	-368.9	-367.6	-366.0	-376.0	-346.25
% chg	-43.9%	-112.9%	-154.7%	-182.5%	-198.0%	-214%	-223%	-233%	-243%	-264%	-186.84%
European Union											
Baseline	474	509	562	569	581	596	605	619	636	653	
Change	1,215.9	836.7	696.3	639.1	623.1	611.4	609.7	603.3	597.8	587.1	702.05
% chg	256.66%	164.23%	123.90%	112.40%	107.17%	102.67%	100.82%	97.41%	93.98%	89.9%	124.91%
Japan											
Baseline	805	651	575	504	437	372	306	237	160	68	
Change	244.6	408.0	451.1	476.7	498.8	507.8	518.2	523.6	528.0	526.7	468.35
% chg	30.39%	62.6%	78.5%	94.7%	114.2%	136.5%	169.5%	221.2%	330.7%	771%	200.97%
Philippines											
Baseline	688	727	765	803	840	877	914	950	985	1,020	
Change	594.1	783.4	837.1	865.0	901.1	925.6	958.7	984.7	1,012.8	1,031.7	889.43
% chg	86.30%	107.77%	109.41%	108%	107%	106%	105%	104%	103%	101.1%	103.65%
South Korea											
Baseline	64	41	85	135	155	174	177	192	195	205	
Change	579.6	858.3	875.8	871.4	866.0	869.8	865.5	868.5	867.4	871.3	839.35
% chg	912.25%	2085.8%	1033.1%	645.5%	557.6%	498.5%	488.3%	451.27%	444.06%	425.2%	754.16%

Table B.6. Rice Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
China	(Thousand Metric Tons)										
Production											
Baseline	130,044	131,879	133,046	134,103	134,763	135,350	135,993	136,801	137,597	138,444	
Change	1,122.7	1,370.1	1,247.9	1,275.3	1,223.7	1,247.4	1,195.4	1,224.2	1,218.1	1,282.6	1,112.48
% chg	0.86%	1.04%	0.94%	0.95%	0.91%	0.92%	0.88%	0.89%	0.89%	0.93%	0.83%
Consumption											
Baseline	132,443	131,393	132,018	132,734	133,779	134,680	135,297	135,431	135,413	135,161	
Change	-1,430	-1,951	-1,870	-1,901	-1,825	-1,778	-1,676	-1,662	-1,652	-1,701	-1,575
% chg	-1.08%	-1.48%	-1.42%	-1.43%	-1.36%	-1.32%	-1.24%	-1.23%	-1.22%	-1.26%	-1.18%
Thailand											
Production											
Baseline	17,241	17,425	17,711	18,037	18,288	18,533	18,781	19,109	19,419	19,735	
Change	0.0	252.5	407.7	409.4	433.9	422.4	448.8	443.1	464.0	462.6	328.18
% chg	0.00%	1.45%	2.30%	2.27%	2.37%	2.28%	2.39%	2.32%	2.39%	2.34%	1.78%
Consumption											
Baseline	10,115	10,132	10,147	10,156	10,155	10,150	10,140	10,127	10,104	10,072	
Change	-182.5	-224.8	-213.4	-213.4	-202.8	-207.7	-196.7	-198.0	-194.2	-201.8	-183.36
% chg	-1.80%	-2.22%	-2.10%	-2.10%	-2.00%	-2.05%	-1.94%	-1.96%	-1.92%	-2.00%	-1.81%
Vietnam											
Production											
Baseline	20,925	21,253	21,582	21,869	22,214	22,600	22,969	23,308	23,649	24,008	
Change	0.0	431.6	636.4	647.2	651.6	628.0	639.5	613.6	615.7	608.1	486.36
% chg	0.00%	2.03%	2.95%	2.96%	2.93%	2.78%	2.78%	2.63%	2.60%	2.53%	2.17%
Consumption											
Baseline	17,191	17,308	17,487	17,702	17,875	18,074	18,311	18,530	18,728	18,904	
Change	-516.0	-641.5	-609.4	-607.3	-580.3	-595.6	-562.6	-567.7	-560.1	-587.7	-524.04
% chg	-3.00%	-3.71%	-3.49%	-3.43%	-3.25%	-3.30%	-3.07%	-3.06%	-2.99%	-3.11%	-2.93%
India											
Production											
Baseline	89,078	89,738	90,927	91,998	93,218	94,402	95,518	96,760	97,902	99,029	
Change	0.0	323.0	647.3	519.8	650.2	635.1	760.8	696.2	737.2	649.7	496.96
% chg	0.00%	0.36%	0.71%	0.56%	0.70%	0.67%	0.80%	0.72%	0.75%	0.66%	0.53%
Consumption											
Baseline	87,370	88,739	90,260	90,903	92,211	93,229	94,183	95,127	96,218	97,030	
Change	131.2	-27.2	17.1	-95.0	-182.4	-209.8	-309.4	-340.4	-368.1	-347.1	-138.39
% chg	0.15%	-0.03%	0.02%	-0.10%	-0.20%	-0.22%	-0.33%	-0.36%	-0.38%	-0.36%	-0.15%
United States											
Production											
Baseline	5,855	6,001	6,034	6,073	6,119	6,141	6,166	6,192	6,215	6,229	
Change	0	-68	-63	-60	-56	-51	-52	-45	-49	-59	-44
% chg	0.0%	-1.1%	-1.0%	-1.0%	-0.9%	-0.8%	-0.8%	-0.7%	-0.8%	-0.9%	-0.72%
Consumption											
Baseline	3,802	3,886	3,968	4,051	4,132	4,213	4,296	4,379	4,461	4,544	
Change	-18.1	-21.4	-20.2	-19.9	-18.7	-19.0	-17.9	-18.1	-18.2	-19.1	-17.15
% chg	-0.47%	-0.55%	-0.51%	-0.49%	-0.45%	-0.45%	-0.42%	-0.41%	-0.41%	-0.42%	-0.42%

Table B.7. Soybean Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	160	163	169	174	181	188	194	199	206	211	
Change	5.9	3.9	5.8	5.7	5.5	5.5	5.6	5.2	4.5	3.9	5.15
% chg	3.71%	2.38%	3.46%	3.28%	3.07%	2.91%	2.89%	2.60%	2.17%	1.84%	2.83%
Total Trade	(Thousand Metric Tons)										
Baseline	54,734	55,871	57,289	58,814	60,299	61,923	63,461	65,074	66,667	68,479	
Change	-843.2	103.7	98.3	-6.6	8.2	37.5	107.7	167.9	267.8	418.4	35.96
% chg	-1.54%	0.19%	0.17%	-0.01%	0.01%	0.06%	0.17%	0.26%	0.40%	0.61%	0.03%
Exports of Selected Countries											
Argentina											
Baseline	7,814	8,057	8,346	8,663	8,941	9,253	9,587	9,904	10,214	10,608	
Change	143.4	1,062.5	1,142.0	1,177.7	1,244.2	1,260.5	1,310.9	1,346.5	1,370.5	1,374.7	1,143.30
% chg	1.84%	13.19%	13.68%	13.60%	13.92%	13.62%	13.67%	13.60%	13.42%	12.96%	12.35%
Brazil											
Baseline	18,734	19,281	20,054	21,109	22,080	23,189	24,295	25,357	26,394	27,504	
Change	-773.1	843.0	559.8	590.9	547.5	597.4	627.5	688.8	655.3	650.9	498.79
% chg	-4.13%	4.37%	2.79%	2.80%	2.48%	2.58%	2.58%	2.72%	2.48%	2.37%	2.10%
Canada											
Baseline	687	682	719	751	787	817	852	885	919	951	
Change	-23.0	-34.4	-34.7	-30.0	-31.5	-32.7	-35.0	-35.2	-37.7	-40.7	-33.49
% chg	-3.35%	-5.04%	-4.82%	-3.99%	-4.00%	-4.00%	-4.11%	-3.97%	-4.10%	-4.28%	-4.17%
United States											
Baseline	27,499	27,851	28,169	28,291	28,490	28,663	28,727	28,927	29,140	29,416	
Change	-190.6	-1,767.5	-1,568.8	-1,745.3	-1,752.0	-1,787.8	-1,795.7	-1,832.2	-1,720.3	-1,566.5	-1,572.65
% chg	-0.69%	-6.35%	-5.57%	-6.17%	-6.15%	-6.24%	-6.25%	-6.33%	-5.90%	-5.33%	-5.50%
Imports of Selected Countries											
Eastern Europe											
Baseline	150	160	160	162	163	163	164	166	168	172	
Change	-25.7	-39.5	-39.7	-40.2	-39.7	-37.8	-36.5	-35.3	-34.4	-32.6	-36.15
% chg	-17.12%	-24.69%	-24.81%	-24.85%	-24.39%	-23.15%	-22.23%	-21.22%	-20.40%	-18.96%	-22.18%
Former Soviet Union											
Baseline	249	274	280	285	292	300	306	313	320	328	
Change	-17.4	-5.0	-6.0	-5.5	-4.8	-2.3	-1.0	0.3	1.8	4.3	-3.56
% chg	-6.97%	-1.82%	-2.13%	-1.94%	-1.65%	-0.77%	-0.33%	0.10%	0.55%	1.33%	-1.36%
Japan											
Baseline	5,108	5,127	5,115	5,114	5,115	5,114	5,113	5,111	5,102	5,100	
Change	-132.1	-106.4	-112.3	-108.7	-102.2	-96.8	-92.0	-86.8	-81.4	-75.5	-99.43
% chg	-2.59%	-2.08%	-2.20%	-2.13%	-2.00%	-1.89%	-1.80%	-1.70%	-1.60%	-1.48%	-1.94%
China											
Baseline	15,043	15,252	16,022	16,803	17,472	18,269	18,980	19,710	20,508	21,374	
Change	-101.7	146.7	194.7	195.1	218.1	222.2	245.8	247.6	287.0	317.4	197.28
% chg	-0.68%	0.96%	1.22%	1.16%	1.25%	1.22%	1.30%	1.26%	1.40%	1.48%	1.06%
India											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	-38.0	459.8	398.2	340.6	283.4	243.2	209.1	182.0	177.4	174.3	243.01
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South Korea											
Baseline	1,452	1,461	1,444	1,443	1,450	1,458	1,464	1,471	1,474	1,485	
Change	-49.0	-35.5	-34.4	-35.5	-28.2	-23.2	-17.7	-13.6	-9.4	-3.7	-25.02
% chg	-3.38%	-2.43%	-2.38%	-2.46%	-1.95%	-1.59%	-1.21%	-0.93%	-0.64%	-0.25%	-1.72%
Taiwan											
Baseline	2,312	2,348	2,323	2,311	2,306	2,301	2,296	2,296	2,286	2,293	
Change	-19.4	9.4	4.7	4.3	17.1	25.9	34.4	42.3	51.4	61.9	23.21
% chg	-0.84%	0.40%	0.20%	0.19%	0.74%	1.13%	1.50%	1.84%	2.25%	2.70%	1.01%

Table B.8. Soybean Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	29,406	29,899	30,368	30,889	31,399	31,939	32,484	33,012	33,536	34,073	
Change	0.0	969.6	1,064.7	1,105.4	1,192.5	1,228.8	1,297.1	1,340.6	1,376.2	1,389.0	1,096.38
% chg	0.00%	3.24%	3.51%	3.58%	3.80%	3.85%	3.99%	4.06%	4.10%	4.08%	3.42%
Consumption											
Baseline	21,596	21,844	22,024	22,228	22,460	22,688	22,899	23,111	23,324	23,466	
Change	-140.9	-92.8	-77.0	-72.3	-51.7	-31.6	-13.8	-6.0	5.6	14.2	-46.64
% chg	-0.65%	-0.42%	-0.35%	-0.33%	-0.23%	-0.14%	-0.06%	-0.03%	0.02%	0.06%	-0.21%
Brazil											
Production											
Baseline	44,756	45,959	47,376	49,104	50,752	52,544	54,330	56,064	57,774	59,548	
Change	0.0	1,722.1	1,452.1	1,514.4	1,505.7	1,594.6	1,658.7	1,752.9	1,748.2	1,752.1	1,470.07
% chg	0.00%	3.75%	3.06%	3.08%	2.97%	3.03%	3.05%	3.13%	3.03%	2.94%	2.80%
Consumption											
Baseline	26,030	26,690	27,339	28,011	28,690	29,373	30,050	30,723	31,396	32,048	
Change	780.1	878.8	895.5	922.8	957.7	997.2	1,030.6	1,062.0	1,090.5	1,100.2	971.53
% chg	3.00%	3.29%	3.28%	3.29%	3.34%	3.39%	3.43%	3.46%	3.47%	3.43%	3.34%
United States											
Production											
Baseline	79,698	80,341	81,105	82,191	83,270	84,273	85,250	86,402	87,407	88,771	
Change	0.0	-1,109.7	-1,105.2	-1,157.5	-1,071.3	-1,067.5	-1,033.7	-978.9	-758.7	-604.9	-888.74
% chg	0.00%	-1.38%	-1.36%	-1.41%	-1.29%	-1.27%	-1.21%	-1.13%	-0.87%	-0.68%	-1.06%
Consumption											
Baseline	51,418	52,548	53,332	54,241	55,161	56,037	56,884	57,762	58,645	59,610	
Change	658.9	581.9	610.3	585.9	659.1	707.5	765.3	814.4	888.3	959.9	723.15
% chg	1.28%	1.11%	1.14%	1.08%	1.19%	1.26%	1.35%	1.41%	1.51%	1.61%	1.30%
European Union											
Production											
Baseline	1,012	969	964	971	979	984	992	1,000	1,006	1,011	
Change	0.0	11.8	8.5	11.5	10.2	10.1	7.7	6.2	3.9	3.5	7.35
% chg	0.00%	1.21%	0.89%	1.18%	1.05%	1.03%	0.78%	0.62%	0.39%	0.34%	0.75%
Consumption											
Baseline	19,684	19,785	19,744	19,748	19,802	19,855	19,919	20,021	20,062	20,200	
Change	-174.0	-60.1	-80.6	-90.0	-31.1	7.5	44.1	79.8	124.3	175.8	-0.44
% chg	-0.88%	-0.30%	-0.41%	-0.46%	-0.16%	0.04%	0.22%	0.40%	0.62%	0.87%	-0.01%
China											
Production											
Baseline	15,024	15,515	15,438	15,387	15,450	15,398	15,444	15,543	15,598	15,635	
Change	12.2	-184.2	-289.8	-266.9	-279.1	-276.6	-298.2	-287.6	-314.2	-336.4	-252.09
% chg	0.08%	-1.19%	-1.88%	-1.73%	-1.81%	-1.80%	-1.93%	-1.85%	-2.01%	-2.15%	-1.63%
Consumption											
Baseline	30,159	30,822	31,461	32,171	32,868	33,600	34,388	35,233	36,094	36,984	
Change	-77.8	-59.9	-76.7	-75.0	-64.5	-57.1	-52.6	-44.5	-33.8	-24.0	-56.58
% chg	-0.26%	-0.19%	-0.24%	-0.23%	-0.20%	-0.17%	-0.15%	-0.13%	-0.09%	-0.06%	-0.17%
India											
Production											
Baseline	5,827	5,931	6,103	6,261	6,450	6,628	6,806	6,977	7,132	7,299	
Change	0.0	-539.8	-570.6	-577.8	-602.9	-628.3	-653.8	-673.5	-694.9	-722.8	-566.45
% chg	0.00%	-9.10%	-9.35%	-9.23%	-9.35%	-9.48%	-9.61%	-9.65%	-9.74%	-9.90%	-8.54%
Consumption											
Baseline	5,827	5,931	6,102	6,262	6,450	6,628	6,806	6,977	7,132	7,299	
Change	-46.4	-80.5	-172.1	-237.3	-319.6	-385.1	-444.7	-491.6	-517.6	-548.5	-324.32
% chg	-0.80%	-1.36%	-2.82%	-3.79%	-4.96%	-5.81%	-6.53%	-7.05%	-7.26%	-7.51%	-4.79%

Table B.9. Soybean Meal Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	170	176	182	187	194	201	206	211	216	220	
Change	6.1	5.3	7.7	7.5	8.1	8.8	9.7	9.8	9.6	9.8	8.23
% chg	3.56%	3.00%	4.26%	4.00%	4.17%	4.37%	4.70%	4.64%	4.43%	4.44%	4.16%
Total Trade	(Thousand Metric Tons)										
Baseline	36,608	37,301	37,830	38,363	38,960	39,431	39,876	40,311	40,790	41,378	
Change	-5.1	-483.3	-757.5	-1,039.5	-1,193.6	-1,326.8	-1,477.8	-1,640.5	-1,789.4	-1,922.2	-1,163.57
% chg	-0.01%	-1.30%	-2.00%	-2.71%	-3.06%	-3.36%	-3.71%	-4.07%	-4.39%	-4.65%	-2.93%
Exports of Selected Countries											
Argentina											
Baseline	16,445	16,632	16,770	16,928	17,110	17,287	17,449	17,612	17,777	17,880	
Change	-108.5	-93.5	-82.4	-78.2	-63.1	-46.8	-34.9	-30.1	-21.4	-13.9	-57.27
% chg	-0.66%	-0.56%	-0.49%	-0.46%	-0.37%	-0.27%	-0.20%	-0.17%	-0.12%	-0.08%	-0.34%
Brazil											
Baseline	10,911	10,892	10,930	10,932	10,956	10,916	10,820	10,738	10,636	10,783	
Change	328.2	191.1	96.6	19.5	-66.2	-161.0	-283.8	-380.6	-463.9	-531.5	-125.16
% chg	3.01%	1.75%	0.88%	0.18%	-0.60%	-1.48%	-2.62%	-3.54%	-4.36%	-4.93%	-1.17%
India											
Baseline	2,369	2,434	2,555	2,668	2,802	2,928	3,054	3,172	3,280	3,393	0
Change	71.3	72.8	12.0	-33.1	-94.6	-143.1	-186.0	-219.6	-237.4	-257.7	-101.53
% chg	3.01%	2.99%	0.47%	-1.24%	-3.38%	-4.89%	-6.09%	-6.92%	-7.24%	-7.60%	-3.09%
United States											
Baseline	6,883	7,343	7,575	7,835	8,091	8,299	8,554	8,789	9,098	9,322	
Change	-296.3	-653.8	-783.7	-947.6	-969.7	-975.8	-973.1	-1,010.3	-1,066.8	-1,119.0	-879.60
% chg	-4.30%	-8.90%	-10.35%	-12.09%	-11.98%	-11.76%	-11.38%	-11.49%	-11.73%	-12.00%	-10.60%
Imports of Selected Countries											
Eastern Europe											
Baseline	3,037	3,079	3,120	3,137	3,178	3,214	3,245	3,288	3,333	3,387	
Change	-81.3	-194.0	-220.8	-241.9	-251.3	-276.8	-294.7	-308.1	-297.9	-290.2	-245.71
% chg	-2.68%	-6.30%	-7.08%	-7.71%	-7.91%	-8.61%	-9.08%	-9.37%	-8.94%	-8.57%	-7.62%
Former Soviet Union											
Baseline	523	513	510	508	503	495	490	486	484	482	
Change	16.6	1.6	-1.5	-4.7	-7.6	-13.9	-19.3	-22.3	-21.0	-17.1	-8.92
% chg	3.17%	0.31%	-0.29%	-0.92%	-1.52%	-2.81%	-3.93%	-4.59%	-4.33%	-3.55%	-1.85%
Japan											
Baseline	811	747	723	723	733	730	729	718	714	734	
Change	11.1	-30.2	-70.5	-81.0	-84.4	-85.4	-92.8	-105.1	-119.2	-128.4	-78.58
% chg	1.37%	-4.04%	-9.75%	-11.20%	-11.51%	-11.71%	-12.74%	-14.65%	-16.69%	-17.48%	-10.84%
China											
Baseline	99	205	357	473	667	839	942	1,008	1,067	1,117	
Change	79.5	99.2	95.8	89.9	81.6	86.1	82.9	84.7	77.9	66.6	84.42
% chg	80.04%	48.37%	26.85%	19.03%	12.23%	10.26%	8.80%	8.40%	7.30%	5.96%	22.73%
Canada											
Baseline	1,051	1,157	1,176	1,200	1,230	1,301	1,355	1,398	1,401	1,427	0
Change	-34.2	-17.1	43.8	120.9	166.2	178.0	165.9	152.7	164.7	190.3	113.13
% chg	-3.25%	-1.48%	3.72%	10.07%	13.51%	13.68%	12.25%	10.92%	11.76%	13.34%	8.45%
South Korea											
Baseline	1,320	1,255	1,283	1,343	1,403	1,469	1,528	1,583	1,626	1,670	
Change	74.0	46.2	13.6	11.2	-7.0	-33.3	-57.9	-70.4	-66.5	-62.1	-15.23
% chg	5.60%	3.68%	1.06%	0.83%	-0.50%	-2.27%	-3.79%	-4.45%	-4.09%	-3.72%	-0.76%
Taiwan											
Baseline	83	17	23	37	48	58	58	45	41	50	
Change	-12.2	-34.7	-47.7	-55.3	-79.7	-98.8	-112.3	-114.2	-113.7	-119.7	-78.83
% chg	-14.6%	-205.2%	-209.7%	-151.4%	-166.4%	-171.2%	-192.3%	-253.8%	-278.0%	-241.1%	-188.36%

Table B.10. Soybean Meal Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	16,655	16,849	16,989	17,147	17,328	17,505	17,668	17,832	17,998	18,106	
Change	-114.1	-100.6	-90.1	-87.2	-72.6	-57.0	-44.1	-38.8	-30.1	-23.2	-65.77
% chg	-0.69%	-0.60%	-0.53%	-0.51%	-0.42%	-0.33%	-0.25%	-0.22%	-0.17%	-0.13%	-0.38%
Consumption											
Baseline	221	223	225	225	224	224	225	225	226	228	
Change	-3.1	-6.3	-6.6	-8.8	-8.9	-9.4	-8.8	-8.7	-8.7	-9.2	-7.85
% chg	-1.40%	-2.84%	-2.95%	-3.90%	-3.96%	-4.22%	-3.91%	-3.88%	-3.85%	-4.03%	-3.49%
Brazil											
Production											
Baseline	19,125	19,621	20,101	20,589	21,087	21,583	22,076	22,567	23,060	23,535	
Change	617.3	631.9	656.0	675.7	704.1	732.7	757.3	779.1	802.0	809.9	716.59
% chg	3.23%	3.22%	3.26%	3.28%	3.34%	3.39%	3.43%	3.45%	3.48%	3.44%	3.35%
Consumption											
Baseline	8,216	8,732	9,174	9,661	10,135	10,671	11,259	11,832	12,427	12,752	
Change	291.1	441.4	560.2	656.4	770.7	894.2	1,041.5	1,159.6	1,265.8	1,341.4	842.22
% chg	3.54%	5.05%	6.11%	6.79%	7.60%	8.38%	9.25%	9.80%	10.19%	10.52%	7.72%
United States											
Production											
Baseline	37,122	37,937	38,497	39,152	39,836	40,527	41,205	41,911	42,589	43,334	
Change	546.6	505.7	529.2	508.8	565.3	602.9	647.1	680.8	732.5	788.8	610.77
% chg	1.47%	1.33%	1.37%	1.30%	1.42%	1.49%	1.57%	1.62%	1.72%	1.82%	1.51%
Consumption											
Baseline	30,207	30,599	30,924	31,318	31,748	32,230	32,652	33,122	33,492	34,011	
Change	844.2	1,159.4	1,314.9	1,456.2	1,535.9	1,579.7	1,621.4	1,691.4	1,799.6	1,907.9	1,491.05
% chg	2.79%	3.79%	4.25%	4.65%	4.84%	4.90%	4.97%	5.11%	5.37%	5.61%	4.63%
European Union											
Production											
Baseline	14,704	14,787	14,763	14,769	14,815	14,862	14,916	15,000	15,035	15,147	
Change	-130.9	-46.5	-59.5	-68.1	-21.0	9.8	39.8	68.2	103.5	144.0	3.93
% chg	-0.89%	-0.31%	-0.40%	-0.46%	-0.14%	0.07%	0.27%	0.45%	0.69%	0.95%	0.02%
Consumption											
Baseline	29,816	30,200	30,260	30,331	30,378	30,329	30,329	30,400	30,510	30,706	
Change	-478.4	-507.7	-741.2	-970.5	-1,051.3	-1,054.3	-1,077.6	-1,140.4	-1,269.8	-1,363.9	-965.51
% chg	-1.60%	-1.68%	-2.45%	-3.20%	-3.46%	-3.48%	-3.55%	-3.75%	-4.16%	-4.44%	-3.18%
China											
Production											
Baseline	17,599	17,977	18,317	18,706	19,065	19,442	19,888	20,393	20,918	21,455	
Change	-56.0	-51.3	-52.3	-52.2	-45.6	-41.2	-37.6	-34.4	-30.7	-26.6	-42.80
% chg	-0.32%	-0.29%	-0.29%	-0.28%	-0.24%	-0.21%	-0.19%	-0.17%	-0.15%	-0.12%	-0.22%
Consumption											
Baseline	17,699	18,182	18,673	19,179	19,732	20,281	20,830	21,401	21,985	22,572	
Change	23.6	47.9	43.4	37.7	36.0	44.8	45.3	50.3	47.2	39.9	41.62
% chg	0.13%	0.26%	0.23%	0.20%	0.18%	0.22%	0.22%	0.23%	0.21%	0.18%	0.21%
India											
Production											
Baseline	3,893	3,962	4,084	4,200	4,337	4,467	4,596	4,720	4,833	4,955	
Change	-52.3	-51.5	-110.5	-156.7	-218.4	-267.8	-312.8	-348.5	-368.1	-391.3	-227.79
% chg	-1.34%	-1.30%	-2.71%	-3.73%	-5.04%	-6.00%	-6.81%	-7.38%	-7.62%	-7.90%	-4.98%
Consumption											
Baseline	1,524	1,528	1,529	1,532	1,535	1,538	1,542	1,548	1,553	1,562	
Change	-123.6	-124.3	-122.5	-123.6	-123.8	-124.7	-126.8	-129.0	-130.8	-133.6	-126.26
% chg	-8.11%	-8.14%	-8.01%	-8.07%	-8.07%	-8.10%	-8.22%	-8.33%	-8.42%	-8.55%	-8.20%

Table B.11. Soybean Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	347	348	356	364	373	383	396	408	422	437	
Change	28.0	22.7	24.4	24.7	24.2	23.1	22.7	22.2	21.6	20.6	23.42
% chg	8.07%	6.54%	6.84%	6.79%	6.48%	6.03%	5.73%	5.44%	5.11%	4.71%	6.17%
Total Trade	(Thousand Metric Tons)										
Baseline	7,118	7,253	7,376	7,508	7,647	7,781	7,903	8,027	8,157	8,287	
Change	362.8	330.2	347.8	350.5	372.9	390.5	409.9	426.4	445.1	461.2	389.74
% chg	5.10%	4.55%	4.71%	4.67%	4.88%	5.02%	5.19%	5.31%	5.46%	5.56%	5.04%
Exports of Selected Countries											
Argentina											
Baseline	3,549	3,590	3,620	3,654	3,694	3,732	3,768	3,804	3,841	3,863	
Change	-25.7	-22.2	-20.4	-19.4	-16.6	-13.1	-10.5	-9.3	-7.7	-6.1	-15.11
% chg	-0.73%	-0.62%	-0.56%	-0.53%	-0.45%	-0.35%	-0.28%	-0.24%	-0.20%	-0.16%	-0.41%
Brazil											
Baseline	1,366	1,430	1,502	1,571	1,643	1,716	1,786	1,856	1,926	1,974	
Change	168.5	159.6	168.2	171.4	175.9	180.8	185.2	188.6	191.6	192.5	178.23
% chg	12.34%	11.16%	11.20%	10.91%	10.70%	10.53%	10.37%	10.16%	9.95%	9.75%	10.71%
United States											
Baseline	1,032	1,094	1,138	1,187	1,224	1,253	1,274	1,289	1,321	1,371	
Change	251.8	206.0	218.7	216.7	224.4	228.0	236.0	242.6	251.3	257.9	233.35
% chg	24.39%	18.83%	19.22%	18.26%	18.33%	18.19%	18.53%	18.82%	19.03%	18.81%	19.24%
Imports of Selected Countries											
Eastern Europe											
Baseline	188	191	195	199	203	208	213	217	222	227	
Change	4.5	4.0	4.3	4.1	4.2	4.1	4.1	4.0	4.1	4.0	4.14
% chg	2.42%	2.12%	2.19%	2.08%	2.06%	1.95%	1.91%	1.84%	1.84%	1.78%	2.02%
Former Soviet Union											
Baseline	360	365	371	378	385	393	401	409	419	428	
Change	10.7	7.9	8.4	7.8	8.2	8.0	8.2	8.1	8.4	8.4	8.42
% chg	2.98%	2.16%	2.27%	2.07%	2.12%	2.04%	2.05%	1.98%	2.00%	1.96%	2.16%
Japan											
Baseline	1	0	2	3	4	4	4	4	3	5	
Change	50.9	41.4	40.9	40.2	39.6	39.3	38.4	37.9	37.6	37.0	40.31
% chg	3685%	15697%	1855%	1194%	1036%	1089%	859%	1003%	1108%	750%	2827.61%
China											
Baseline	451	500	566	637	720	802	869	931	997	1,061	
Change	39.6	42.1	46.2	45.5	49.7	52.6	56.4	59.9	64.6	69.1	52.56
% chg	8.78%	8.42%	8.16%	7.14%	6.91%	6.55%	6.49%	6.43%	6.48%	6.51%	7.19%
India											
Baseline	1,339	1,408	1,459	1,509	1,557	1,609	1,663	1,722	1,786	1,853	
Change	40.5	34.6	46.8	56.8	72.4	86.1	98.8	109.4	116.6	124.9	78.70
% chg	3.03%	2.46%	3.21%	3.76%	4.65%	5.35%	5.94%	6.35%	6.53%	6.74%	4.80%
South Korea											
Baseline	144	159	172	182	192	200	209	217	225	232	
Change	6.3	6.6	5.3	5.8	4.8	4.4	3.6	3.3	2.9	2.3	4.53
% chg	4.37%	4.19%	3.07%	3.18%	2.51%	2.19%	1.75%	1.50%	1.28%	0.99%	2.50%
Taiwan											
Baseline	69	68	73	81	87	91	96	99	103	105	
Change	-1.8	-0.6	-2.5	-1.7	-3.4	-4.3	-5.6	-6.6	-7.7	-9.0	-4.32
% chg	-2.60%	-0.90%	-3.44%	-2.10%	-3.87%	-4.74%	-5.90%	-6.66%	-7.43%	-8.54%	-4.62%

Table B.12. Soybean Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	3,701	3,744	3,775	3,810	3,851	3,890	3,926	3,963	4,000	4,024	
Change	-25.4	-22.4	-20.0	-19.4	-16.1	-12.7	-9.8	-8.6	-6.7	-5.2	-14.62
% chg	-0.69%	-0.60%	-0.53%	-0.51%	-0.42%	-0.33%	-0.25%	-0.22%	-0.17%	-0.13%	-0.38%
Consumption											
Baseline	153	154	155	156	157	158	159	159	159	161	
Change	0.7	-0.2	0.5	0.0	0.5	0.4	0.7	0.6	0.9	1.0	0.50
% chg	0.47%	-0.13%	0.30%	-0.02%	0.30%	0.23%	0.42%	0.40%	0.60%	0.60%	0.32%
Brazil											
Production											
Baseline	4,600	4,719	4,834	4,952	5,072	5,191	5,309	5,428	5,546	5,660	
Change	148.5	152.0	157.8	162.5	169.3	176.2	182.1	187.4	192.9	194.8	172.35
% chg	3.23%	3.22%	3.26%	3.28%	3.34%	3.39%	3.43%	3.45%	3.48%	3.44%	3.35%
Consumption											
Baseline	3,238	3,290	3,336	3,385	3,433	3,481	3,530	3,579	3,628	3,689	
Change	-12.1	-9.0	-9.9	-9.1	-7.2	-5.2	-3.5	-1.7	0.6	1.9	-5.50
% chg	-0.37%	-0.27%	-0.30%	-0.27%	-0.21%	-0.15%	-0.10%	-0.05%	0.02%	0.05%	-0.16%
United States											
Production											
Baseline	8,785	8,982	9,118	9,278	9,444	9,612	9,777	9,949	10,114	10,296	
Change	129.4	119.7	125.3	120.6	134.0	143.0	153.5	161.6	174.0	187.4	144.85
% chg	1.47%	1.33%	1.37%	1.30%	1.42%	1.49%	1.57%	1.62%	1.72%	1.82%	1.51%
Consumption											
Baseline	7,710	7,856	7,963	8,075	8,201	8,343	8,491	8,649	8,784	8,917	
Change	-107.2	-89.3	-94.8	-95.2	-92.5	-87.7	-84.9	-82.3	-78.6	-73.8	-88.63
% chg	-1.39%	-1.14%	-1.19%	-1.18%	-1.13%	-1.05%	-1.00%	-0.95%	-0.90%	-0.83%	-1.07%
European Union											
Production											
Baseline	3,308	3,327	3,322	3,323	3,333	3,344	3,356	3,375	3,383	3,408	
Change	-29.5	-10.5	-13.4	-15.3	-4.7	2.2	9.0	15.3	23.3	32.4	0.88
% chg	-0.89%	-0.31%	-0.40%	-0.46%	-0.14%	0.07%	0.27%	0.45%	0.69%	0.95%	0.02%
Consumption											
Baseline	2,137	2,187	2,206	2,227	2,248	2,265	2,282	2,298	2,313	2,329	
Change	2.6	2.3	5.4	2.9	6.0	7.3	9.8	10.8	13.3	15.3	7.57
% chg	0.12%	0.11%	0.24%	0.13%	0.27%	0.32%	0.43%	0.47%	0.58%	0.66%	0.33%
China											
Production											
Baseline	3,520	3,595	3,663	3,741	3,813	3,888	3,978	4,079	4,184	4,291	
Change	-11.2	-10.3	-10.5	-10.4	-9.1	-8.2	-7.5	-6.9	-6.1	-5.3	-8.56
% chg	-0.32%	-0.29%	-0.29%	-0.28%	-0.24%	-0.21%	-0.19%	-0.17%	-0.15%	-0.12%	-0.22%
Consumption											
Baseline	3,976	4,097	4,228	4,376	4,527	4,685	4,844	5,009	5,179	5,351	
Change	27.4	30.1	36.1	35.0	40.4	44.0	48.7	52.7	58.1	63.4	43.58
% chg	0.69%	0.73%	0.85%	0.80%	0.89%	0.94%	1.00%	1.05%	1.12%	1.18%	0.93%
India											
Production											
Baseline	898	914	943	969	1,001	1,031	1,061	1,089	1,115	1,143	
Change	-12.1	-11.9	-25.5	-36.2	-50.4	-61.8	-72.2	-80.4	-85.0	-90.3	-52.57
% chg	-1.34%	-1.30%	-2.71%	-3.73%	-5.04%	-6.00%	-6.81%	-7.38%	-7.62%	-7.90%	-4.98%
Consumption											
Baseline	2,237	2,323	2,401	2,478	2,557	2,639	2,723	2,811	2,902	2,996	
Change	28.5	22.7	21.3	20.6	22.0	24.3	26.6	28.9	31.6	34.7	26.13
% chg	1.27%	0.98%	0.89%	0.83%	0.86%	0.92%	0.98%	1.03%	1.09%	1.16%	1.00%

Table B.13. Rapeseed Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	208	220	225	227	231	235	237	240	243	246	
Change	42.1	39.5	51.5	46.6	49.5	52.7	55.7	58.5	61.7	65.1	52.30
% chg	20.29%	17.98%	22.91%	20.50%	21.43%	22.44%	23.53%	24.38%	25.45%	26.43%	22.53%
Total Trade	(Thousand Metric Tons)										
Baseline	5,968	6,074	6,338	6,497	6,656	6,800	6,937	7,096	7,255	7,420	
Change	52.6	386.0	378.2	375.1	377.2	397.8	413.4	430.7	449.0	467.0	372.70
% chg	0.88%	6.35%	5.97%	5.77%	5.67%	5.85%	5.96%	6.07%	6.19%	6.29%	5.50%
Exports of Selected Countries											
Australia											
Baseline	1,353	1,368	1,394	1,408	1,442	1,468	1,485	1,508	1,533	1,560	
Change	-3.0	78.3	76.3	72.6	77.7	83.0	82.4	85.6	87.8	92.1	73.28
% chg	-0.22%	5.72%	5.48%	5.15%	5.39%	5.66%	5.55%	5.67%	5.73%	5.90%	5.00%
Canada											
Baseline	3,606	3,670	3,829	3,928	4,005	4,072	4,143	4,223	4,302	4,384	
Change	69.3	305.4	299.2	299.5	298.0	308.0	320.5	330.5	342.2	352.0	292.46
% chg	1.92%	8.32%	7.82%	7.62%	7.44%	7.56%	7.74%	7.83%	7.96%	8.03%	7.22%
Eastern Europe											
Baseline	842	861	926	958	994	1,034	1,071	1,114	1,157	1,202	
Change	-42.6	-31.9	-32.3	-30.7	-33.2	-29.0	-26.5	-23.6	-20.9	-18.4	-28.91
% chg	-5.07%	-3.71%	-3.49%	-3.20%	-3.34%	-2.81%	-2.48%	-2.12%	-1.80%	-1.53%	-2.95%
Former Soviet Union											
Baseline	167	175	190	202	215	226	238	251	263	274	
Change	29.0	34.2	35.0	33.8	34.6	35.9	36.9	38.2	39.8	41.3	35.87
% chg	17.39%	19.55%	18.45%	16.67%	16.13%	15.88%	15.53%	15.26%	15.11%	15.08%	16.50%
Imports of Selected Countries											
China											
Baseline	1,616	1,810	2,131	2,190	2,181	2,161	2,158	2,213	2,290	2,403	
Change	149.0	190.9	309.8	281.4	301.5	294.4	296.6	290.1	298.1	299.9	271.17
% chg	9.22%	10.55%	14.54%	12.85%	13.82%	13.63%	13.74%	13.11%	13.02%	12.48%	12.70%
European Union											
Baseline	286	264	233	282	373	456	545	579	621	666	
Change	-369.8	-318.0	-275.7	-321.7	-319.9	-287.0	-273.9	-251.9	-239.2	-227.2	-288.42
% chg	-129.4%	-120.5%	-118.5%	-114.2%	-85.8%	-63.0%	-50.3%	-43.5%	-38.5%	-34.1%	-79.77%
India											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	191.0	310.1	247.7	262.6	253.4	254.0	259.0	265.7	275.3	286.1	260.50
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Japan											
Baseline	2,174	2,175	2,194	2,211	2,229	2,245	2,261	2,275	2,290	2,305	
Change	-114.1	-84.9	-97.1	-89.0	-90.3	-89.1	-87.8	-86.3	-85.3	-84.0	-90.78
% chg	-5.25%	-3.90%	-4.43%	-4.02%	-4.05%	-3.97%	-3.88%	-3.79%	-3.73%	-3.64%	-4.07%
Rest of World											
Baseline	1,738	1,672	1,627	1,661	1,720	1,786	1,820	1,877	1,901	1,893	
Change	196.4	287.8	193.6	241.9	232.4	225.4	219.5	213.1	200.1	192.2	220.23
% chg	11.30%	17.21%	11.90%	14.56%	13.51%	12.63%	12.06%	11.36%	10.52%	10.15%	12.52%

Table B.14. Rapeseed Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	1,771	1,795	1,830	1,858	1,903	1,939	1,967	2,001	2,037	2,074	
Change	0.0	81.4	79.4	76.1	81.2	86.4	85.7	88.7	91.0	95.2	76.50
% chg	0.00%	4.53%	4.34%	4.10%	4.27%	4.45%	4.36%	4.43%	4.47%	4.59%	3.95%
Consumption											
Baseline	418	427	436	449	461	472	482	493	504	514	
Change	3.0	3.1	3.1	3.5	3.5	3.3	3.3	3.2	3.1	3.1	3.22
% chg	0.72%	0.72%	0.70%	0.78%	0.77%	0.71%	0.68%	0.64%	0.62%	0.60%	0.69%
Canada											
Production											
Baseline	7,333	7,354	7,551	7,699	7,823	7,942	8,077	8,206	8,337	8,465	
Change	0.0	371.1	307.9	341.3	332.5	340.0	351.9	362.4	371.4	379.7	315.82
% chg	0.00%	5.05%	4.08%	4.43%	4.25%	4.28%	4.36%	4.42%	4.45%	4.49%	3.98%
Consumption											
Baseline	3,698	3,693	3,720	3,766	3,813	3,870	3,931	3,981	4,034	4,080	
Change	-40.4	52.4	15.6	37.6	35.0	33.0	32.1	32.1	29.8	28.2	25.54
% chg	-1.09%	1.42%	0.42%	1.00%	0.92%	0.85%	0.82%	0.81%	0.74%	0.69%	0.66%
Eastern Europe											
Production											
Baseline	2,740	2,768	2,835	2,893	2,953	3,010	3,065	3,122	3,181	3,240	
Change	0.0	39.2	24.2	32.3	27.8	28.8	28.8	29.4	29.2	29.8	26.95
% chg	0.00%	1.42%	0.86%	1.11%	0.94%	0.96%	0.94%	0.94%	0.92%	0.92%	0.90%
Consumption											
Baseline	1,896	1,908	1,910	1,935	1,959	1,975	1,994	2,007	2,023	2,038	
Change	42.8	70.3	56.9	62.7	61.1	57.9	55.4	53.0	50.1	48.2	55.84
% chg	2.26%	3.68%	2.98%	3.24%	3.12%	2.93%	2.78%	2.64%	2.48%	2.36%	2.85%
China											
Production											
Baseline	11,953	11,748	11,983	12,087	12,188	12,289	12,463	12,646	12,815	12,952	
Change	9.7	-77.6	-180.4	-165.5	-186.6	-182.2	-183.9	-177.6	-184.6	-186.1	-151.48
% chg	0.08%	-0.66%	-1.51%	-1.37%	-1.53%	-1.48%	-1.48%	-1.40%	-1.44%	-1.44%	-1.22%
Consumption											
Baseline	13,569	13,558	14,114	14,277	14,369	14,450	14,621	14,859	15,105	15,355	
Change	158.7	113.4	129.4	115.9	114.9	112.2	112.7	112.6	113.5	113.8	119.69
% chg	1.17%	0.84%	0.92%	0.81%	0.80%	0.78%	0.77%	0.76%	0.75%	0.74%	0.83%
India											
Production											
Baseline	4,818	4,786	4,967	4,979	5,054	5,102	5,151	5,191	5,235	5,277	
Change	0.0	-203.3	-286.8	-257.3	-280.9	-279.1	-277.7	-273.0	-272.6	-269.3	-239.99
% chg	0.00%	-4.25%	-5.78%	-5.17%	-5.56%	-5.47%	-5.39%	-5.26%	-5.21%	-5.10%	-4.72%
Consumption											
Baseline	4,783	4,820	4,961	4,977	5,052	5,100	5,145	5,187	5,231	5,273	
Change	92.8	82.0	-29.5	1.1	-25.9	-23.4	-16.2	-5.8	4.8	18.4	9.83
% chg	1.94%	1.70%	-0.59%	0.02%	-0.51%	-0.46%	-0.32%	-0.11%	0.09%	0.35%	0.21%
Japan											
Production											
Baseline	2	3	3	3	3	3	3	3	3	3	
Change	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.07
% chg	0.00%	4.04%	2.15%	3.12%	2.57%	2.69%	2.83%	2.94%	2.99%	3.10%	2.64%
Consumption											
Baseline	2,161	2,181	2,194	2,210	2,228	2,244	2,259	2,274	2,289	2,306	
Change	-99.3	-91.7	-93.8	-91.1	-90.0	-88.8	-87.6	-86.3	-85.1	-83.8	-89.76
% chg	-4.60%	-4.20%	-4.27%	-4.12%	-4.04%	-3.96%	-3.88%	-3.80%	-3.72%	-3.63%	-4.02%

Table B.15. Rapeseed Meal Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	129	136	136	139	143	147	149	151	154	156	
Change	3.2	-1.1	1.0	-1.1	-0.9	-0.5	-0.4	-0.8	-1.4	-1.5	-0.35
% chg	2.51%	-0.85%	0.71%	-0.78%	-0.65%	-0.35%	-0.24%	-0.53%	-0.89%	-0.99%	-0.21%
Total Trade	(Thousand Metric Tons)										
Baseline	2,438	2,473	2,607	2,580	2,499	2,387	2,332	2,319	2,320	2,326	
Change	25.7	-47.0	-10.2	-38.4	-51.8	-60.1	-53.7	-54.7	-66.7	-85.0	-44.21
% chg	1.05%	-1.90%	-0.39%	-1.49%	-2.07%	-2.52%	-2.30%	-2.36%	-2.88%	-3.66%	-1.85%
Exports of Selected Countries											
Australia											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	-2.1	-1.2	-1.5	6.4	11.8	13.1	16.3	17.9	20.1	21.1	10.18
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canada											
Baseline	1,334	1,316	1,322	1,335	1,352	1,364	1,383	1,398	1,424	1,443	
Change	-23.9	8.5	-24.5	-31.9	-43.5	-47.8	-46.5	-44.0	-48.4	-55.5	-35.74
% chg	-1.79%	0.65%	-1.85%	-2.39%	-3.22%	-3.50%	-3.36%	-3.15%	-3.40%	-3.85%	-2.59%
Eastern Europe											
Baseline	446	450	434	442	445	442	442	437	434	429	
Change	51.2	79.1	79.7	83.1	84.4	87.8	89.4	89.9	85.8	82.8	81.31
% chg	11.48%	17.57%	18.36%	18.79%	18.96%	19.84%	20.23%	20.57%	19.78%	19.30%	18.49%
Former Soviet Union											
Baseline	9	10	9	10	11	13	14	14	15	15	
Change	-14.4	-13.3	-13.7	-13.5	-13.3	-12.9	-12.5	-12.4	-12.7	-13.3	-13.19
% chg	-166.0%	-128.3%	-144.7%	-133.5%	-117.2%	-100.1%	-90.2%	-86.5%	-87.1%	-89.4%	-114.3%
Imports of Selected Countries											
China											
Baseline	-600	-595	-772	-718	-603	-466	-390	-362	-336	-319	
Change	-64.0	18.2	-20.3	8.3	3.7	-0.1	-3.5	-0.4	0.6	-0.7	-5.82
% chg	10.67%	-3.07%	2.63%	-1.16%	-0.61%	0.02%	0.89%	0.12%	-0.19%	0.23%	0.95%
European Union											
Baseline	585	622	666	629	554	458	400	368	349	333	
Change	110.6	118.2	82.4	49.8	31.5	30.2	28.9	21.9	0.6	-15.9	45.81
% chg	18.9%	19.0%	12.4%	7.9%	5.7%	6.6%	7.2%	6.0%	0.2%	-4.8%	7.90%
India											
Baseline	-49	-102	-70	-74	-88	-100	-104	-107	-111	-121	
Change	124.0	181.9	195.2	224.1	239.5	249.5	258.6	267.6	276.0	281.9	229.82
% chg	-252.5%	-178.7%	-276.8%	-302.4%	-273.6%	-248.5%	-248.9%	-251.1%	-248.6%	-233.2%	-251.4%
Japan											
Baseline	86	62	69	72	77	79	83	84	86	92	
Change	40.4	36.1	26.0	25.9	25.4	25.0	24.1	21.2	17.8	15.8	25.76
% chg	46.76%	57.97%	37.82%	35.95%	32.93%	31.65%	28.88%	25.32%	20.56%	17.24%	33.51%
Rest of World											
Baseline	1,597	1,620	1,703	1,710	1,698	1,680	1,680	1,698	1,715	1,733	
Change	-200.2	-281.3	-243.2	-264.1	-260.7	-264.4	-261.4	-258.9	-250.1	-245.9	-253.02
% chg	-12.54%	-17.36%	-14.28%	-15.44%	-15.35%	-15.74%	-15.56%	-15.25%	-14.58%	-14.19%	-15.03%

Table B.16. Rapeseed Meal Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	231	236	241	249	255	261	267	273	279	285	
Change	1.7	1.6	1.5	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.66
% chg	0.73%	0.66%	0.64%	0.73%	0.71%	0.65%	0.63%	0.59%	0.57%	0.55%	0.65%
Consumption											
Baseline	231	236	241	249	255	261	267	273	279	285	
Change	3.8	2.8	3.1	-4.6	-9.9	-11.4	-14.6	-16.2	-18.5	-19.5	-8.52
% chg	1.63%	1.19%	1.27%	-1.84%	-3.89%	-4.37%	-5.48%	-5.95%	-6.63%	-6.86%	-3.09%
Canada											
Production											
Baseline	1,836	1,837	1,849	1,874	1,900	1,933	1,967	1,996	2,025	2,052	
Change	-22.7	16.3	-2.4	9.2	8.2	6.9	6.2	5.9	4.4	3.4	3.54
% chg	-1.24%	0.89%	-0.13%	0.49%	0.43%	0.36%	0.31%	0.30%	0.22%	0.16%	0.18%
Consumption											
Baseline	502	521	527	538	548	569	585	598	601	609	
Change	1.4	7.5	22.2	41.0	51.7	54.7	52.6	49.9	52.8	58.8	39.27
% chg	0.28%	1.45%	4.20%	7.62%	9.44%	9.62%	9.00%	8.35%	8.78%	9.66%	6.84%
Eastern Europe											
Production											
Baseline	1,068	1,075	1,075	1,090	1,104	1,113	1,123	1,131	1,140	1,148	
Change	25.3	41.0	33.3	36.6	35.7	33.8	32.4	30.9	29.2	28.1	32.63
% chg	2.37%	3.81%	3.10%	3.36%	3.23%	3.04%	2.88%	2.74%	2.57%	2.45%	2.95%
Consumption											
Baseline	619	625	641	647	658	670	681	693	706	719	
Change	-25.1	-39.1	-45.9	-46.9	-48.7	-53.8	-57.0	-59.1	-56.7	-54.8	-48.71
% chg	-4.06%	-6.26%	-7.17%	-7.24%	-7.39%	-8.04%	-8.38%	-8.52%	-8.03%	-7.62%	-7.27%
China											
Production											
Baseline	7,782	7,797	8,137	8,239	8,295	8,343	8,446	8,590	8,741	8,895	
Change	99.2	71.6	87.9	77.8	78.3	76.6	77.0	76.7	77.7	77.9	80.07
% chg	1.28%	0.92%	1.08%	0.94%	0.94%	0.92%	0.91%	0.89%	0.89%	0.88%	0.96%
Consumption											
Baseline	7,182	7,203	7,366	7,520	7,692	7,877	8,056	8,228	8,404	8,577	
Change	35.2	89.8	67.5	86.1	82.0	76.5	73.6	76.3	78.3	77.2	74.25
% chg	0.49%	1.25%	0.92%	1.15%	1.07%	0.97%	0.91%	0.93%	0.93%	0.90%	0.95%
India											
Production											
Baseline	2,793	2,816	2,837	2,867	2,900	2,935	2,971	3,007	3,044	3,083	
Change	2.1	10.4	6.6	7.0	5.3	3.5	1.5	0.0	-1.9	-3.2	3.13
% chg	0.07%	0.37%	0.23%	0.24%	0.18%	0.12%	0.05%	0.00%	-0.06%	-0.10%	0.11%
Consumption											
Baseline	2,744	2,714	2,767	2,793	2,813	2,835	2,867	2,900	2,933	2,962	
Change	126.1	192.2	201.8	231.1	244.8	253.0	260.1	267.6	274.1	278.7	232.95
% chg	4.60%	7.08%	7.29%	8.28%	8.70%	8.92%	9.07%	9.23%	9.34%	9.41%	8.19%
Japan											
Production											
Baseline	1,186	1,196	1,203	1,212	1,221	1,231	1,238	1,247	1,255	1,264	
Change	-54.5	-50.5	-51.5	-50.1	-49.5	-48.9	-48.2	-47.5	-46.8	-46.1	-49.36
% chg	-4.60%	-4.22%	-4.28%	-4.14%	-4.05%	-3.97%	-3.89%	-3.81%	-3.73%	-3.65%	-4.03%
Consumption											
Baseline	1,269	1,259	1,271	1,283	1,298	1,309	1,321	1,329	1,341	1,355	
Change	-13.4	-15.3	-25.2	-24.6	-24.0	-23.7	-24.1	-26.4	-29.1	-30.3	-23.63
% chg	-1.06%	-1.22%	-1.98%	-1.92%	-1.85%	-1.81%	-1.82%	-1.99%	-2.17%	-2.24%	-1.81%

Table B.17. Rapeseed Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	438	462	475	484	494	506	515	525	534	545	
Change	62.2	49.0	58.6	55.8	58.4	60.9	63.5	65.7	68.9	71.6	61.45
% chg	14.20%	10.59%	12.35%	11.53%	11.84%	12.05%	12.33%	12.53%	12.91%	13.14%	12.35%
Total Trade	(Thousand Metric Tons)										
Baseline	1,346	1,329	1,335	1,380	1,442	1,508	1,561	1,596	1,630	1,659	
Change	-57.7	-18.7	-38.2	-22.8	-21.2	-19.1	-17.8	-15.7	-15.8	-14.9	-24.19
% chg	-4.29%	-1.40%	-2.86%	-1.65%	-1.47%	-1.27%	-1.14%	-0.98%	-0.97%	-0.90%	-1.69%
Exports of Selected Countries											
Australia											
Baseline	59	60	61	66	69	70	72	74	77	79	
Change	1.1	1.2	0.9	1.3	1.4	1.3	1.3	1.3	1.4	1.4	1.26
% chg	1.81%	2.06%	1.51%	2.03%	1.99%	1.84%	1.75%	1.78%	1.81%	1.75%	1.83%
Canada											
Baseline	771	767	767	775	784	800	816	827	839	849	
Change	-4.9	19.3	7.9	15.3	15.0	14.6	14.4	14.5	14.0	13.6	12.38
% chg	-0.64%	2.52%	1.03%	1.98%	1.92%	1.82%	1.77%	1.76%	1.67%	1.61%	1.54%
Eastern Europe											
Baseline	74	84	82	89	94	95	97	98	99	100	
Change	21.7	30.6	25.8	28.3	27.1	26.8	25.6	25.3	24.2	24.0	25.94
% chg	29.49%	36.32%	31.56%	31.92%	28.71%	28.13%	26.26%	25.81%	24.43%	23.99%	28.66%
European Union											
Baseline	443	418	425	451	494	543	576	596	615	630	0
Change	-75.6	-69.8	-72.9	-67.8	-64.7	-61.8	-59.0	-56.8	-55.5	-53.9	-63.77
% chg	-17.1%	-16.7%	-17.1%	-15.0%	-13.1%	-11.4%	-10.2%	-9.5%	-9.0%	-8.5%	-12.78%
Imports of Selected Countries											
China											
Baseline	135	191	148	183	251	330	375	390	406	418	
Change	-85.0	-46.0	-64.4	-51.3	-50.1	-49.4	-48.8	-48.2	-48.9	-48.6	-54.07
% chg	-62.97%	-24.08%	-43.43%	-28.08%	-19.92%	-14.95%	-13.03%	-12.35%	-12.03%	-11.62%	-24.25%
Former Soviet Union											
Baseline	120	121	127	133	139	146	154	162	171	181	0
Change	12.2	12.6	12.8	12.4	12.5	12.1	11.9	11.5	11.3	11.0	12.03
% chg	10.19%	10.47%	10.08%	9.33%	8.97%	8.27%	7.76%	7.12%	6.60%	6.07%	8.49%
India											
Baseline	48	16	37	48	56	63	75	89	103	115	
Change	140.9	167.7	160.0	167.7	170.5	174.5	176.6	179.2	180.2	182.7	170.00
% chg	292.0%	1065.5%	428.9%	352.3%	306.3%	278.5%	234.5%	202.5%	174.9%	158.5%	349.4%
Japan											
Baseline	31	16	20	24	26	28	33	36	39	39	
Change	54.9	56.9	50.9	53.2	51.3	49.9	48.5	47.3	45.5	43.8	50.21
% chg	178.8%	347.8%	255.3%	224.7%	197.6%	178.2%	146.9%	130.0%	117.0%	112.7%	188.9%
Rest of World											
Baseline	802	775	793	784	760	732	714	708	701	695	
Change	-180.7	-210.0	-197.4	-204.9	-205.5	-206.2	-205.9	-205.5	-203.9	-203.7	-202.37
% chg	-22.53%	-27.10%	-24.90%	-26.15%	-27.05%	-28.19%	-28.83%	-29.01%	-29.10%	-29.30%	-27.21%

Table B.18. Rapeseed Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	165	169	172	178	182	186	191	195	199	203	
Change	1.2	1.1	1.1	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.18
% chg	0.73%	0.66%	0.64%	0.73%	0.71%	0.65%	0.63%	0.59%	0.57%	0.55%	0.65%
Consumption											
Baseline	107	109	111	112	114	116	118	121	122	124	
Change	0.1	-0.1	0.2	0.0	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3	-0.08
% chg	0.14%	-0.11%	0.17%	-0.04%	-0.06%	-0.06%	-0.06%	-0.14%	-0.22%	-0.22%	-0.06%
Canada											
Production											
Baseline	1,307	1,308	1,316	1,334	1,353	1,376	1,400	1,421	1,442	1,461	
Change	-16.1	11.6	-1.7	6.5	5.9	4.9	4.4	4.2	3.2	2.4	2.52
% chg	-1.24%	0.89%	-0.13%	0.49%	0.43%	0.36%	0.31%	0.30%	0.22%	0.16%	0.18%
Consumption											
Baseline	536	541	549	559	568	576	585	593	602	611	
Change	-10.2	-8.0	-9.5	-8.8	-9.2	-9.6	-10.0	-10.3	-10.8	-11.2	-9.77
% chg	-1.91%	-1.47%	-1.74%	-1.58%	-1.61%	-1.67%	-1.71%	-1.74%	-1.80%	-1.84%	-1.71%
Eastern Europe											
Production											
Baseline	724	729	729	739	748	754	761	767	773	778	
Change	17.1	27.8	22.6	24.8	24.2	22.9	21.9	21.0	19.8	19.0	22.12
% chg	2.37%	3.81%	3.10%	3.36%	3.23%	3.04%	2.88%	2.74%	2.57%	2.45%	2.95%
Consumption											
Baseline	650	645	647	650	654	659	664	669	674	678	
Change	-4.4	-3.2	-3.0	-3.6	-2.8	-3.8	-3.6	-4.3	-4.4	-4.9	-3.80
% chg	-0.67%	-0.50%	-0.47%	-0.55%	-0.43%	-0.58%	-0.54%	-0.64%	-0.65%	-0.73%	-0.58%
China											
Production											
Baseline	4,142	4,150	4,331	4,385	4,415	4,441	4,495	4,572	4,652	4,735	
Change	52.8	38.1	46.8	41.4	41.7	40.8	41.0	40.8	41.3	41.5	42.62
% chg	1.28%	0.92%	1.08%	0.94%	0.94%	0.92%	0.91%	0.89%	0.89%	0.88%	0.96%
Consumption											
Baseline	4,277	4,341	4,479	4,568	4,666	4,771	4,870	4,963	5,059	5,153	
Change	-32.2	-7.8	-17.6	-9.8	-8.4	-8.6	-7.8	-7.4	-7.5	-7.1	-11.45
% chg	-0.75%	-0.18%	-0.39%	-0.22%	-0.18%	-0.18%	-0.16%	-0.15%	-0.15%	-0.14%	-0.25%
India											
Production											
Baseline	1,376	1,387	1,397	1,412	1,428	1,446	1,463	1,481	1,499	1,518	
Change	1.0	5.1	3.3	3.5	2.6	1.7	0.7	0.0	-0.9	-1.6	1.54
% chg	0.07%	0.37%	0.23%	0.24%	0.18%	0.12%	0.05%	0.00%	-0.06%	-0.10%	0.11%
Consumption											
Baseline	1,424	1,403	1,435	1,460	1,484	1,508	1,539	1,569	1,602	1,634	
Change	141.9	172.8	163.2	171.1	173.2	176.3	177.3	179.2	179.3	181.1	171.54
% chg	9.96%	12.32%	11.38%	11.72%	11.67%	11.69%	11.53%	11.42%	11.19%	11.09%	11.40%
Japan											
Production											
Baseline	884	892	897	903	910	917	923	929	936	942	
Change	-40.6	-37.6	-38.4	-37.4	-36.9	-36.4	-35.9	-35.4	-34.9	-34.4	-36.80
% chg	-4.60%	-4.22%	-4.28%	-4.14%	-4.05%	-3.97%	-3.89%	-3.81%	-3.73%	-3.65%	-4.03%
Consumption											
Baseline	913	909	916	926	936	945	955	965	974	981	
Change	10.4	18.0	13.2	15.5	14.5	13.5	12.7	12.0	10.7	9.6	13.03
% chg	1.14%	1.98%	1.44%	1.68%	1.55%	1.43%	1.33%	1.24%	1.10%	0.98%	1.39%

Table B.19. Sunflower Seed Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	257	254	258	260	263	266	268	271	273	276	
Change	23.9	4.2	18.1	7.8	14.1	9.7	13.2	10.4	12.7	11.1	12.53
% chg	9.32%	1.67%	6.99%	3.00%	5.37%	3.66%	4.90%	3.85%	4.66%	4.03%	4.74%
Total Trade	(Thousand Metric Tons)										
Baseline	1,889	1,932	1,906	1,911	1,914	1,922	1,930	1,937	1,942	1,952	
Change	247.6	522.7	346.4	461.2	367.6	444.8	405.1	448.2	423.5	451.5	411.86
% chg	13.11%	27.06%	18.18%	24.13%	19.20%	23.14%	20.99%	23.14%	21.81%	23.13%	21.39%
Exports of Selected Countries											
Argentina											
Baseline	478	411	359	361	330	312	299	281	257	240	
Change	115.8	451.5	215.3	385.8	269.7	358.1	304.9	359.2	327.5	365.9	315.38
% chg	24.20%	109.74%	59.96%	106.86%	81.68%	114.61%	102.01%	127.94%	127.33%	152.38%	100.67%
China											
Baseline	46	38	32	28	32	26	24	24	24	22	
Change	-7.3	-34.8	-48.3	-42.8	-51.6	-47.7	-51.6	-50.0	-53.2	-53.2	-44.05
% chg	-15.99%	-91.60%	-151.2%	-152.5%	-160.5%	-182.8%	-215.9%	-207.8%	-223.8%	-236.3%	-163.85%
Eastern Europe											
Baseline	528	528	544	543	566	597	617	638	661	688	
Change	-515.1	-562.2	-499.0	-533.6	-501.6	-502.9	-478.9	-478.1	-460.4	-460.9	-499.26
% chg	-97.6%	-106.4%	-91.8%	-98.3%	-88.6%	-84.2%	-77.6%	-74.9%	-69.7%	-67.0%	-85.61%
Former Soviet Union											
Baseline	837	954	971	979	986	986	991	994	1,000	1,001	
Change	654.3	668.2	678.4	651.8	651.0	637.3	630.8	617.0	609.6	599.6	639.79
% chg	78.19%	70.06%	69.86%	66.59%	66.04%	64.61%	63.68%	62.08%	60.97%	59.88%	66.20%
Imports of Selected Countries											
European Union											
Baseline	1,199	1,130	1,108	1,091	1,068	1,047	1,029	1,005	982	968	
Change	-675.7	-601.0	-637.0	-609.2	-633.0	-591.2	-588.3	-557.3	-551.0	-531.3	-597.50
% chg	-56.37%	-53.18%	-57.50%	-55.86%	-59.27%	-56.48%	-57.15%	-55.45%	-56.10%	-54.91%	-56.23%
Rest of World											
Baseline	692	804	800	822	848	877	903	934	961	986	
Change	923.3	1,123.6	983.4	1,070.4	1,000.6	1,036.1	993.4	1,005.5	974.5	982.8	1,009.36
% chg	133.41%	139.83%	122.95%	130.17%	117.95%	118.09%	110.02%	107.66%	101.36%	99.66%	118.11%

Table B.20. Sunflower Seed Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	4,435	4,405	4,429	4,515	4,567	4,638	4,711	4,780	4,844	4,917	
Change	-1.7	326.9	71.8	253.6	126.8	220.7	163.5	220.6	185.4	225.2	179.28
% chg	-0.04%	7.42%	1.62%	5.62%	2.78%	4.76%	3.47%	4.61%	3.83%	4.58%	3.86%
Consumption											
Baseline	3,954	3,993	4,074	4,155	4,240	4,329	4,415	4,502	4,590	4,680	
Change	-88.5	-142.6	-130.5	-141.7	-137.0	-141.4	-138.0	-141.1	-139.9	-142.0	-134.27
% chg	-2.24%	-3.57%	-3.20%	-3.41%	-3.23%	-3.27%	-3.13%	-3.13%	-3.05%	-3.03%	-3.13%
China											
Production											
Baseline	1,982	1,981	1,986	2,002	2,042	2,053	2,074	2,099	2,122	2,142	
Change	1.6	-30.7	-55.7	-44.2	-58.9	-50.8	-57.5	-53.6	-59.1	-57.9	-46.68
% chg	0.08%	-1.55%	-2.81%	-2.21%	-2.88%	-2.48%	-2.77%	-2.55%	-2.78%	-2.70%	-2.27%
Consumption											
Baseline	1,936	1,943	1,954	1,974	2,009	2,027	2,050	2,075	2,098	2,119	
Change	8.9	4.1	-7.4	-1.4	-7.3	-3.2	-5.9	-3.7	-5.9	-4.7	-2.62
% chg	0.46%	0.21%	-0.38%	-0.07%	-0.36%	-0.16%	-0.29%	-0.18%	-0.28%	-0.22%	-0.13%
Eastern Europe											
Production											
Baseline	2,343	2,350	2,412	2,493	2,576	2,654	2,728	2,809	2,894	2,981	
Change	0.0	13.7	-39.7	-1.1	-29.2	-10.7	-22.0	-12.5	-18.8	-13.0	-13.33
% chg	0.00%	0.58%	-1.65%	-0.04%	-1.14%	-0.40%	-0.81%	-0.44%	-0.65%	-0.44%	-0.50%
Consumption											
Baseline	1,808	1,819	1,868	1,949	2,008	2,054	2,110	2,170	2,232	2,292	
Change	511.3	571.0	462.8	530.1	474.0	491.3	457.8	465.2	442.2	447.6	485.33
% chg	28.28%	31.39%	24.78%	27.20%	23.60%	23.92%	21.70%	21.44%	19.81%	19.53%	24.16%
Former Soviet Union											
Production											
Baseline	6,140	6,260	6,311	6,411	6,510	6,598	6,699	6,793	6,887	6,973	
Change	0.0	593.2	364.1	522.2	415.4	497.8	452.3	500.3	472.6	503.8	432.17
% chg	0.00%	9.48%	5.77%	8.14%	6.38%	7.54%	6.75%	7.37%	6.86%	7.22%	6.55%
Consumption											
Baseline	5,304	5,305	5,340	5,432	5,524	5,611	5,708	5,798	5,887	5,971	
Change	-646.3	-78.2	-312.2	-131.2	-234.8	-140.2	-178.1	-117.1	-136.7	-96.1	-207.10
% chg	-12.19%	-1.47%	-5.85%	-2.42%	-4.25%	-2.50%	-3.12%	-2.02%	-2.32%	-1.61%	-3.77%
European Union											
Production											
Baseline	3,435	3,412	3,424	3,480	3,528	3,580	3,626	3,680	3,730	3,770	
Change	0.0	73.8	-14.5	52.7	25.7	26.5	2.5	-2.9	-23.4	-24.6	11.59
% chg	0.00%	2.16%	-0.42%	1.51%	0.73%	0.74%	0.07%	-0.08%	-0.63%	-0.65%	0.34%
Consumption											
Baseline	4,595	4,517	4,533	4,566	4,594	4,625	4,652	4,682	4,710	4,735	
Change	-642.4	-554.9	-633.8	-569.9	-599.6	-570.4	-581.9	-563.7	-571.9	-558.0	-584.64
% chg	-13.98%	-12.29%	-13.98%	-12.48%	-13.05%	-12.33%	-12.51%	-12.04%	-12.14%	-11.78%	-12.66%
Rest of World											
Production											
Baseline	5,497	5,449	5,476	5,524	5,568	5,610	5,656	5,702	5,748	5,792	
Change	0.0	-84.4	-160.4	-106.2	-143.5	-115.3	-131.6	-115.6	-124.6	-114.3	-109.59
% chg	0.00%	-1.55%	-2.93%	-1.92%	-2.58%	-2.05%	-2.33%	-2.03%	-2.17%	-1.97%	-1.95%
Consumption											
Baseline	6,258	6,221	6,265	6,344	6,410	6,484	6,555	6,632	6,705	6,776	
Change	883.3	1,015.1	841.0	952.2	865.4	916.0	866.4	887.3	853.0	867.1	894.67
% chg	14.11%	16.32%	13.42%	15.01%	13.50%	14.13%	13.22%	13.38%	12.72%	12.80%	13.86%

Table B.21. Sunflower Seed Meal Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	113	122	127	129	133	136	139	141	144	147	
Change	-3.4	-12.7	-8.2	-13.3	-11.5	-13.3	-12.3	-13.9	-13.8	-14.7	-11.70
% chg	-3.01%	-10.42%	-6.44%	-10.28%	-8.66%	-9.81%	-8.88%	-9.87%	-9.55%	-9.96%	-8.69%
Total Trade	(Thousand Metric Tons)										
Baseline	1,732	1,796	1,830	1,899	1,958	2,007	2,065	2,124	2,184	2,246	
Change	20.5	158.7	103.0	123.5	97.1	111.5	100.6	105.5	81.8	69.9	97.21
% chg	1.19%	8.84%	5.63%	6.50%	4.96%	5.55%	4.87%	4.97%	3.75%	3.11%	4.94%
Exports of Selected Countries											
Argentina											
Baseline	1,452	1,491	1,514	1,543	1,581	1,617	1,650	1,685	1,723	1,762	
Change	-48.2	-95.4	-55.0	-85.8	-67.1	-79.6	-71.6	-80.9	-76.4	-80.6	-74.06
% chg	-3.32%	-6.40%	-3.63%	-5.56%	-4.24%	-4.92%	-4.34%	-4.80%	-4.44%	-4.58%	-4.62%
China											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	34.6	11.1	2.1	-12.4	-16.8	-33.9	-44.6	-54.2	-63.7	-74.4	-25.22
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Eastern Europe											
Baseline	34	44	49	74	79	75	80	85	91	96	
Change	285.1	316.2	292.6	312.1	297.5	309.8	305.0	309.2	296.5	293.6	301.77
% chg	835.6%	721.7%	600.5%	420.5%	377.7%	413.0%	382.1%	365.2%	327.5%	306.7%	475.05%
Former Soviet Union											
Baseline	246	261	267	282	299	315	335	354	370	388	
Change	-251.0	-73.2	-136.7	-90.4	-116.6	-84.8	-88.2	-68.7	-74.6	-68.8	-105.28
% chg	-102.2%	-28.0%	-51.2%	-32.1%	-39.0%	-26.9%	-26.3%	-19.4%	-20.1%	-17.7%	-36.3%
Imports of Selected Countries											
European Union											
Baseline	1,420	1,425	1,408	1,427	1,429	1,425	1,429	1,436	1,446	1,459	
Change	381.7	498.8	408.5	438.0	395.0	416.1	396.0	399.6	367.2	355.5	405.64
% chg	26.87%	34.99%	29.01%	30.70%	27.64%	29.19%	27.71%	27.83%	25.39%	24.36%	28.37%
Rest of World											
Baseline	322	381	432	482	539	592	646	697	748	797	
Change	-361.1	-340.1	-305.5	-314.5	-297.9	-304.6	-295.4	-294.1	-285.4	-285.6	-308.42
% chg	-112.3%	-89.3%	-70.7%	-65.2%	-55.3%	-51.5%	-45.7%	-42.2%	-38.1%	-35.9%	-60.6%

Table B.22. Sunflower Seed Meal Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	1,636	1,653	1,687	1,721	1,757	1,794	1,830	1,867	1,904	1,941	
Change	-36.9	-60.9	-54.8	-60.2	-57.8	-59.9	-58.3	-59.8	-59.1	-60.2	-56.80
% chg	-2.26%	-3.68%	-3.25%	-3.50%	-3.29%	-3.34%	-3.19%	-3.20%	-3.11%	-3.10%	-3.19%
Consumption											
Baseline	189	183	182	184	184	184	186	187	180	183	
Change	4.3	15.2	9.5	15.0	13.0	15.8	15.4	17.7	17.6	18.5	14.20
% chg	2.28%	8.32%	5.23%	8.16%	7.05%	8.55%	8.28%	9.47%	9.75%	10.12%	7.72%
China											
Production											
Baseline	595	598	601	608	622	626	634	644	653	662	
Change	1.0	-7.0	-8.8	-8.6	-9.9	-9.1	-9.7	-9.4	-10.0	-9.9	-8.14
% chg	0.17%	-1.18%	-1.46%	-1.41%	-1.59%	-1.46%	-1.53%	-1.46%	-1.53%	-1.50%	-1.29%
Consumption											
Baseline	595	598	601	608	622	626	634	644	653	662	
Change	-33.6	-18.1	-10.9	3.8	6.9	24.8	34.9	44.8	53.7	64.4	17.08
% chg	-5.64%	-3.03%	-1.81%	0.63%	1.11%	3.96%	5.51%	6.95%	8.22%	9.74%	2.56%
Eastern Europe											
Production											
Baseline	872	876	900	940	968	990	1,016	1,045	1,075	1,104	
Change	254.7	283.2	230.5	263.1	235.8	244.1	227.7	231.1	219.9	222.4	241.25
% chg	29.22%	32.31%	25.62%	28.00%	24.36%	24.66%	22.40%	22.11%	20.45%	20.14%	24.93%
Consumption											
Baseline	837	833	851	865	889	914	936	960	984	1,008	
Change	-30.8	-34.1	-61.6	-49.5	-61.5	-65.8	-77.2	-78.2	-76.6	-71.2	-60.64
% chg	-3.68%	-4.09%	-7.23%	-5.72%	-6.92%	-7.19%	-8.25%	-8.14%	-7.78%	-7.06%	-6.61%
Former Soviet Union											
Production											
Baseline	2,045	2,042	2,054	2,089	2,123	2,155	2,191	2,224	2,256	2,286	
Change	-258.8	-42.0	-131.0	-61.3	-100.6	-63.9	-78.0	-54.2	-61.3	-45.4	-89.65
% chg	-12.65%	-2.06%	-6.37%	-2.94%	-4.74%	-2.97%	-3.56%	-2.44%	-2.72%	-1.98%	-4.24%
Consumption											
Baseline	1,799	1,781	1,787	1,807	1,824	1,840	1,856	1,870	1,886	1,898	
Change	-8.2	30.2	6.3	28.6	16.1	20.7	10.3	14.3	13.3	23.3	15.49
% chg	-0.45%	1.69%	0.35%	1.58%	0.89%	1.12%	0.56%	0.77%	0.70%	1.23%	0.84%
European Union											
Production											
Baseline	2,152	2,108	2,118	2,132	2,145	2,159	2,171	2,184	2,197	2,208	
Change	-324.2	-292.0	-321.7	-297.0	-308.3	-294.8	-298.1	-289.3	-291.5	-284.8	-300.18
% chg	-15.06%	-13.86%	-15.19%	-13.93%	-14.37%	-13.66%	-13.73%	-13.24%	-13.27%	-12.90%	-13.92%
Consumption											
Baseline	3,560	3,535	3,530	3,560	3,576	3,585	3,600	3,620	3,643	3,668	
Change	52.0	193.0	93.9	133.7	89.6	119.0	99.7	108.4	76.2	69.8	103.53
% chg	1.46%	5.46%	2.66%	3.76%	2.50%	3.32%	2.77%	2.99%	2.09%	1.90%	2.89%
Rest of World											
Production											
Baseline	2,396	2,368	2,381	2,412	2,437	2,465	2,493	2,523	2,551	2,578	
Change	385.2	438.8	367.4	412.7	376.9	397.7	377.0	385.3	370.9	376.6	388.86
% chg	16.08%	18.54%	15.43%	17.11%	15.47%	16.13%	15.12%	15.27%	14.54%	14.61%	15.83%
Consumption											
Baseline	2,717	2,749	2,814	2,894	2,976	3,057	3,139	3,220	3,299	3,375	
Change	23.6	98.1	62.3	97.9	79.1	92.9	81.7	91.1	85.6	91.0	80.32
% chg	0.87%	3.57%	2.21%	3.38%	2.66%	3.04%	2.60%	2.83%	2.59%	2.70%	2.65%

Table B.23. Sunflower Seed Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price											
	(U.S. Dollars per Metric Ton)										
Baseline	546	529	535	539	544	551	557	563	569	576	
Change	58.2	23.2	46.6	31.2	42.2	35.6	41.7	38.1	42.8	40.8	40.05
% chg	10.65%	4.39%	8.71%	5.79%	7.76%	6.46%	7.49%	6.77%	7.52%	7.08%	7.26%
Total Trade											
	(Thousand Metric Tons)										
Baseline	1,210	1,160	1,187	1,225	1,267	1,307	1,347	1,383	1,417	1,451	
Change	-162.3	-55.8	-80.1	-56.1	-65.0	-48.1	-45.9	-33.0	-29.1	-19.9	-59.53
% chg	-13.41%	-4.81%	-6.75%	-4.58%	-5.13%	-3.68%	-3.40%	-2.38%	-2.06%	-1.37%	-4.76%
Exports of Selected Countries											
Argentina											
Baseline	1,021	1,019	1,049	1,075	1,103	1,133	1,161	1,189	1,218	1,249	
Change	0.6	-57.7	-27.2	-48.7	-34.3	-43.6	-35.3	-40.4	-35.0	-38.3	-35.99
% chg	0.06%	-5.66%	-2.59%	-4.53%	-3.11%	-3.84%	-3.04%	-3.40%	-2.87%	-3.07%	-3.21%
China											
Baseline	0	0	0	0	0	0	0	0	0	0	
Change	-0.8	-13.8	-20.1	-27.9	-31.7	-40.3	-47.3	-54.3	-61.6	-69.7	-36.75
% chg	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Eastern Europe											
Baseline	-121	-139	-132	-113	-104	-103	-96	-88	-79	-71	
Change	197.8	205.8	177.3	194.3	179.2	182.0	172.2	172.9	166.0	166.8	181.43
% chg	-163.5%	-147.7%	-134.3%	-172.1%	-172.0%	-177.2%	-179.7%	-197.5%	-210.7%	-234.0%	-178.89%
Former Soviet Union											
Baseline	189	142	138	151	164	174	186	194	199	202	
Change	-162.9	1.9	-52.9	-7.4	-30.8	-4.5	-10.5	7.4	5.9	18.5	-23.54
% chg	-86.22%	1.35%	-38.47%	-4.92%	-18.72%	-2.59%	-5.67%	3.83%	2.95%	9.16%	-13.93%
Imports of Selected Countries											
European Union											
Baseline	98	204	188	194	196	197	200	202	205	208	
Change	224.6	267.1	239.1	254.2	239.5	244.3	235.0	236.5	230.2	230.1	240.07
% chg	230.2%	131.1%	127.0%	131.3%	122.3%	124.2%	117.7%	117.2%	112.4%	110.7%	132.4%
Rest of World											
Baseline	981	806	855	908	956	997	1,041	1,083	1,122	1,161	
Change	-189.9	-130.8	-162.1	-144.0	-157.0	-150.7	-156.0	-150.9	-154.9	-152.9	-154.93
% chg	-19.36%	-16.23%	-18.95%	-15.86%	-16.42%	-15.12%	-14.99%	-13.94%	-13.80%	-13.16%	-15.78%

Table B.24. Sunflower Seed Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	1,558	1,574	1,607	1,639	1,673	1,709	1,743	1,778	1,813	1,849	
Change	-35.2	-58.0	-52.2	-57.3	-55.0	-57.1	-55.5	-57.0	-56.3	-57.3	-54.09
% chg	-2.26%	-3.68%	-3.25%	-3.50%	-3.29%	-3.34%	-3.19%	-3.20%	-3.11%	-3.10%	-3.19%
Consumption											
Baseline	539	554	559	565	571	577	583	590	596	601	
Change	-27.0	-6.3	-21.0	-11.3	-18.8	-14.7	-19.1	-17.2	-20.5	-19.3	-17.52
% chg	-5.01%	-1.14%	-3.75%	-2.00%	-3.29%	-2.55%	-3.28%	-2.92%	-3.44%	-3.22%	-3.06%
China											
Production											
Baseline	226	227	228	231	236	237	240	244	248	251	
Change	0.4	-2.7	-3.3	-3.3	-3.7	-3.5	-3.7	-3.6	-3.8	-3.8	-3.09
% chg	0.17%	-1.18%	-1.46%	-1.41%	-1.59%	-1.46%	-1.53%	-1.46%	-1.53%	-1.50%	-1.29%
Consumption											
Baseline	226	227	228	231	236	237	240	244	248	251	
Change	1.2	11.1	16.7	24.7	27.9	36.9	43.7	50.7	57.9	65.9	33.66
% chg	0.52%	4.89%	7.34%	10.69%	11.83%	15.53%	18.17%	20.76%	23.35%	26.27%	13.94%
Eastern Europe											
Production											
Baseline	697	701	720	752	775	792	813	836	860	883	
Change	203.7	226.5	184.4	210.5	188.6	195.3	182.1	184.9	175.9	178.0	193.00
% chg	29.22%	32.31%	25.62%	28.00%	24.36%	24.66%	22.40%	22.11%	20.45%	20.14%	24.93%
Consumption											
Baseline	816	838	851	864	878	893	908	923	938	954	
Change	5.5	18.9	8.5	15.4	10.1	13.0	10.3	11.9	10.1	11.0	11.45
% chg	0.67%	2.25%	1.00%	1.78%	1.15%	1.45%	1.13%	1.28%	1.08%	1.16%	1.29%
Former Soviet Union											
Production											
Baseline	2,095	2,092	2,105	2,140	2,175	2,208	2,244	2,278	2,311	2,342	
Change	-265.1	-43.0	-134.1	-62.8	-103.1	-65.5	-79.9	-55.5	-62.8	-46.5	-91.84
% chg	-12.65%	-2.06%	-6.37%	-2.94%	-4.74%	-2.97%	-3.56%	-2.44%	-2.72%	-1.98%	-4.24%
Consumption											
Baseline	1,902	1,947	1,966	1,988	2,010	2,033	2,058	2,084	2,111	2,140	
Change	-95.5	-49.0	-78.7	-57.1	-71.2	-61.7	-68.9	-63.4	-68.3	-65.2	-67.91
% chg	-5.02%	-2.52%	-4.00%	-2.87%	-3.54%	-3.04%	-3.35%	-3.04%	-3.24%	-3.05%	-3.37%
European Union											
Production											
Baseline	1,739	1,702	1,710	1,722	1,732	1,744	1,754	1,764	1,774	1,783	
Change	-261.8	-235.9	-259.8	-239.9	-249.0	-238.1	-240.7	-233.7	-235.5	-230.1	-242.45
% chg	-15.06%	-13.86%	-15.19%	-13.93%	-14.37%	-13.66%	-13.73%	-13.24%	-13.27%	-12.90%	-13.92%
Consumption											
Baseline	1,819	1,887	1,899	1,914	1,927	1,939	1,952	1,965	1,978	1,990	
Change	-28.5	18.7	-12.6	8.9	-5.9	3.8	-3.9	1.5	-3.9	-0.7	-2.25
% chg	-1.56%	0.99%	-0.67%	0.47%	-0.31%	0.20%	-0.20%	0.08%	-0.20%	-0.04%	-0.12%
Rest of World											
Production											
Baseline	2,183	2,157	2,170	2,198	2,220	2,246	2,271	2,298	2,324	2,349	
Change	351.0	399.8	334.7	376.0	343.4	362.3	343.5	351.1	337.9	343.2	354.30
% chg	16.08%	18.54%	15.43%	17.11%	15.47%	16.13%	15.12%	15.27%	14.54%	14.61%	15.83%
Consumption											
Baseline	3,156	2,957	3,024	3,104	3,175	3,242	3,311	3,380	3,446	3,510	
Change	152.5	262.5	177.6	229.0	188.6	210.3	188.7	199.5	183.9	189.9	198.27
% chg	4.83%	8.88%	5.87%	7.38%	5.94%	6.49%	5.70%	5.90%	5.34%	5.41%	6.17%

Table B.25. Peanut Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Total Trade	(Thousand Metric Tons)										
Baseline	1,039	1,063	1,068	1,076	1,079	1,077	1,082	1,087	1,091	1,091	
Change	67.5	-95.1	-105.0	-118.6	-111.3	-118.4	-118.5	-126.6	-128.4	-138.4	-99.29
% chg	6.50%	-8.95%	-9.84%	-11.02%	-10.31%	-11.00%	-10.96%	-11.64%	-11.78%	-12.69%	-9.17%
Exports of Selected Countries											
Argentina											
Baseline	192	218	221	226	231	236	242	247	251	255	
Change	-3.1	22.7	25.6	24.4	26.8	24.9	27.0	25.7	27.5	26.4	22.80
% chg	-1.60%	10.41%	11.56%	10.79%	11.60%	10.53%	11.16%	10.42%	10.96%	10.33%	9.62%
China											
Baseline	529	484	482	480	475	464	460	459	456	451	
Change	-126.2	-140.5	-145.3	-152.8	-156.9	-158.1	-163.9	-167.0	-173.5	-176.3	-156.05
% chg	-23.84%	-29.02%	-30.13%	-31.82%	-33.06%	-34.05%	-35.60%	-36.36%	-38.04%	-39.09%	-33.10%
India											
Baseline	116	145	150	155	159	163	167	170	173	176	
Change	153.1	-43.1	-64.6	-84.0	-91.2	-110.9	-123.1	-143.2	-156.3	-178.7	-84.19
% chg	132.02%	-29.70%	-43.17%	-54.15%	-57.43%	-67.94%	-73.76%	-84.24%	-90.42%	-101.47%	-47.03%
United States											
Baseline	202	216	214	214	214	213	212	211	210	209	
Change	43.7	65.8	79.3	93.8	110.0	125.6	141.4	157.9	173.9	190.1	118.16
% chg	21.70%	30.45%	36.98%	43.85%	51.32%	58.92%	66.66%	74.79%	82.61%	90.99%	55.83%
Imports of Selected Countries											
Canada											
Baseline	122	123	124	125	126	127	128	129	130	131	
Change	-8.3	-7.5	-8.0	-8.5	-8.5	-9.2	-9.3	-10.0	-10.2	-10.9	-9.05
% chg	-6.81%	-6.10%	-6.47%	-6.80%	-6.71%	-7.26%	-7.28%	-7.77%	-7.84%	-8.36%	-7.14%
European Union											
Baseline	454	470	471	475	478	481	485	490	494	498	
Change	-22.3	-17.4	-19.5	-20.3	-20.1	-22.0	-21.8	-23.7	-23.7	-25.7	-21.67
% chg	-4.9%	-3.7%	-4.1%	-4.3%	-4.2%	-4.6%	-4.5%	-4.8%	-4.8%	-5.2%	-4.51%
Mexico											
Baseline	104	107	111	114	116	119	122	125	128	130	
Change	-23.3	-25.7	-27.7	-29.4	-29.9	-32.3	-33.0	-35.4	-36.4	-39.0	-31.23
% chg	-22.38%	-23.98%	-24.99%	-25.75%	-25.76%	-27.15%	-27.12%	-28.33%	-28.56%	-30.09%	-26.41%
Rest of World											
Baseline	273	276	275	275	272	264	261	258	253	246	
Change	121.5	-44.4	-49.8	-60.3	-52.7	-55.0	-54.2	-57.7	-57.9	-63.0	-37.35
% chg	44.56%	-16.08%	-18.08%	-21.91%	-19.36%	-20.86%	-20.80%	-22.36%	-22.86%	-25.56%	-14.33%

Table B.26. Peanut Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Argentina											
	(Thousand Metric Tons)										
Production											
Baseline	357	389	396	403	410	417	426	434	441	449	
Change	-0.5	28.9	33.9	35.2	41.1	41.9	48.3	50.4	57.1	60.1	39.64
% chg	-0.15%	7.42%	8.57%	8.74%	10.03%	10.04%	11.34%	11.61%	12.94%	13.38%	9.39%
Consumption											
Baseline	168	172	174	177	179	181	184	187	190	194	
Change	5.2	6.3	8.6	11.0	14.4	17.3	21.4	25.0	29.7	34.0	17.29
% chg	3.07%	3.66%	4.91%	6.22%	8.05%	9.56%	11.64%	13.35%	15.61%	17.58%	9.36%
China											
Production											
Baseline	13,628	13,725	13,775	13,774	13,775	13,748	13,806	13,901	13,981	14,031	
Change	11.0	-142.2	-125.6	-143.4	-95.0	-103.2	-73.1	-69.2	-40.1	-38.1	-81.88
% chg	0.08%	-1.04%	-0.91%	-1.04%	-0.69%	-0.75%	-0.53%	-0.50%	-0.29%	-0.27%	-0.59%
Consumption											
Baseline	13,098	13,241	13,292	13,294	13,301	13,284	13,345	13,441	13,525	13,580	
Change	137.2	-1.7	19.7	9.4	61.9	54.9	90.8	97.8	133.5	138.2	74.18
% chg	1.05%	-0.01%	0.15%	0.07%	0.47%	0.41%	0.68%	0.73%	0.99%	1.02%	0.55%
India											
Production											
Baseline	7,575	7,824	7,916	7,977	8,055	8,140	8,226	8,313	8,396	8,481	
Change	0.0	-256.9	-238.2	-222.2	-200.6	-193.5	-173.6	-165.2	-143.9	-133.3	-172.72
% chg	0.00%	-3.28%	-3.01%	-2.78%	-2.49%	-2.38%	-2.11%	-1.99%	-1.71%	-1.57%	-2.13%
Consumption											
Baseline	7,459	7,679	7,767	7,822	7,896	7,977	8,060	8,143	8,223	8,304	
Change	-153.1	-213.8	-173.6	-138.1	-109.4	-82.7	-50.5	-22.0	12.4	45.3	-88.54
% chg	-2.05%	-2.78%	-2.24%	-1.77%	-1.39%	-1.04%	-0.63%	-0.27%	0.15%	0.55%	-1.15%
United States											
Production											
Baseline	1,598	1,694	1,690	1,695	1,702	1,703	1,707	1,712	1,717	1,719	
Change	0.0	54.9	64.7	74.1	90.1	103.3	117.5	131.7	142.3	153.8	93.25
% chg	0.00%	3.24%	3.83%	4.37%	5.30%	6.07%	6.88%	7.69%	8.29%	8.94%	5.46%
Consumption											
Baseline	1,457	1,472	1,478	1,484	1,489	1,493	1,498	1,503	1,508	1,514	
Change	-14.4	-13.2	-14.6	-17.6	-19.3	-21.4	-23.3	-26.6	-31.3	-36.3	-21.80
% chg	-0.99%	-0.90%	-0.99%	-1.19%	-1.30%	-1.43%	-1.55%	-1.77%	-2.08%	-2.40%	-1.46%
European Union											
Consumption											
Baseline	457	469	472	476	479	483	486	491	495	499	
Change	-18.6	-17.6	-19.1	-20.1	-20.1	-21.7	-21.8	-23.3	-23.6	-25.3	-21.12
% chg	-4.08%	-3.76%	-4.05%	-4.23%	-4.19%	-4.49%	-4.47%	-4.75%	-4.77%	-5.06%	-4.39%
Rest of World											
Production											
Baseline	8,598	8,841	8,903	8,983	9,063	9,144	9,229	9,313	9,394	9,476	
Change	0.0	210.3	218.3	241.0	264.4	271.7	305.2	315.4	351.0	366.7	254.40
% chg	0.00%	2.38%	2.45%	2.68%	2.92%	2.97%	3.31%	3.39%	3.74%	3.87%	2.77%
Consumption											
Baseline	8,876	9,115	9,178	9,258	9,335	9,407	9,489	9,570	9,646	9,722	
Change	127.8	165.9	169.4	181.3	211.8	217.7	251.2	258.7	293.5	304.8	218.22
% chg	1.44%	1.82%	1.85%	1.96%	2.27%	2.31%	2.65%	2.70%	3.04%	3.14%	2.32%

Table B.27. Palm Oil Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price											
	(U.S. Dollars per Metric Ton)										
Baseline	370	412	437	450	460	471	483	498	514	531	
Change	36.0	25.3	19.8	16.3	16.2	16.6	18.0	19.1	20.3	20.8	20.82
% chg	9.73%	6.14%	4.52%	3.61%	3.52%	3.52%	3.73%	3.83%	3.94%	3.92%	4.65%
Total Trade											
	(Thousand Metric Tons)										
Baseline	15,281	15,387	15,676	16,015	16,382	16,751	17,129	17,508	17,900	18,308	
Change	204.1	244.5	325.1	352.1	369.9	376.6	385.7	394.9	407.0	418.1	347.80
% chg	1.34%	1.59%	2.07%	2.20%	2.26%	2.25%	2.25%	2.26%	2.27%	2.28%	2.08%
Exports of Selected Countries											
Malaysia											
Baseline	10,498	10,548	10,753	10,991	11,247	11,494	11,737	11,969	12,202	12,442	
Change	95.9	97.6	152.1	168.8	178.9	181.2	185.4	190.2	197.5	204.9	165.26
% chg	0.91%	0.93%	1.41%	1.54%	1.59%	1.58%	1.58%	1.59%	1.62%	1.65%	1.44%
Indonesia											
Baseline	4,783	4,839	4,923	5,024	5,135	5,257	5,392	5,540	5,698	5,866	
Change	108.2	146.8	173.1	183.3	190.9	195.4	200.2	204.7	209.4	213.2	182.54
% chg	2.26%	3.03%	3.52%	3.65%	3.72%	3.72%	3.71%	3.70%	3.68%	3.63%	3.46%
Imports of Selected Countries											
China											
Baseline	2,148	2,183	2,241	2,316	2,394	2,476	2,562	2,653	2,747	2,842	
Change	6.4	12.4	21.6	23.9	25.1	24.8	25.1	25.6	26.6	27.5	21.90
% chg	0.30%	0.57%	0.96%	1.03%	1.05%	1.00%	0.98%	0.97%	0.97%	0.97%	0.88%
European Union											
Baseline	2,527	2,544	2,562	2,599	2,640	2,677	2,714	2,748	2,784	2,822	
Change	-24.2	-7.1	4.3	5.7	6.9	5.8	5.2	4.2	4.1	3.9	0.89
% chg	-0.96%	-0.28%	0.17%	0.22%	0.26%	0.22%	0.19%	0.15%	0.15%	0.14%	0.03%
India											
Baseline	4,082	4,142	4,287	4,425	4,583	4,744	4,909	5,077	5,254	5,442	
Change	289.4	258.3	268.6	280.2	286.6	293.5	300.2	310.4	319.8	330.2	293.73
% chg	7.09%	6.24%	6.26%	6.33%	6.25%	6.19%	6.12%	6.11%	6.09%	6.07%	6.27%
Rest of World											
Baseline	6,381	6,375	6,442	6,531	6,623	6,711	6,802	6,887	6,972	7,060	
Change	-67.5	-19.2	30.7	42.4	51.2	52.5	55.2	54.7	56.4	56.5	31.28
% chg	-1.06%	-0.30%	0.48%	0.65%	0.77%	0.78%	0.81%	0.79%	0.81%	0.80%	0.45%

Table B.28. Palm Oil Production and Consumption

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
Malaysia											
(Thousand Metric Tons)											
Production											
Baseline	12,089	12,225	12,458	12,781	13,100	13,398	13,683	13,963	14,250	14,545	
Change	0.0	105.4	149.9	166.5	171.1	172.8	174.6	179.9	186.7	195.1	150.22
% chg	0.00%	0.86%	1.20%	1.30%	1.31%	1.29%	1.28%	1.29%	1.31%	1.34%	1.12%
Consumption											
Baseline	1,692	1,713	1,738	1,783	1,836	1,891	1,942	1,994	2,048	2,103	
Change	-30.7	-17.7	-12.5	-9.1	-8.7	-8.6	-9.4	-9.7	-10.0	-9.9	-12.63
% chg	-1.81%	-1.03%	-0.72%	-0.51%	-0.47%	-0.46%	-0.48%	-0.49%	-0.49%	-0.47%	-0.69%
Indonesia											
Production											
Baseline	8,087	8,162	8,314	8,497	8,694	8,898	9,109	9,329	9,558	9,796	
Change	0.0	74.9	113.0	131.0	139.8	145.2	149.0	153.4	157.9	162.5	122.67
% chg	0.00%	0.92%	1.36%	1.54%	1.61%	1.63%	1.64%	1.64%	1.65%	1.66%	1.36%
Consumption											
Baseline	3,311	3,331	3,394	3,474	3,559	3,641	3,718	3,790	3,860	3,930	
Change	-98.0	-74.1	-61.3	-53.1	-51.2	-50.3	-51.0	-51.2	-51.4	-50.7	-59.22
% chg	-2.96%	-2.22%	-1.80%	-1.53%	-1.44%	-1.38%	-1.37%	-1.35%	-1.33%	-1.29%	-1.67%
China											
Consumption											
Baseline	2,148	2,183	2,241	2,316	2,394	2,476	2,562	2,653	2,747	2,842	
Change	6.4	12.4	21.6	23.9	25.1	24.8	25.1	25.6	26.6	27.5	21.90
% chg	0.30%	0.57%	0.96%	1.03%	1.05%	1.00%	0.98%	0.97%	0.97%	0.97%	0.88%
European Union											
Consumption											
Baseline	2,539	2,548	2,567	2,601	2,640	2,678	2,715	2,750	2,786	2,823	
Change	-18.5	-10.4	2.7	4.8	6.8	5.8	5.4	4.3	4.3	3.9	0.90
% chg	-0.73%	-0.41%	0.11%	0.18%	0.26%	0.21%	0.20%	0.16%	0.15%	0.14%	0.03%
India											
Production											
Baseline	39	38	41	44	47	51	53	56	58	61	
Change	0.0	0.0	0.0	0.0	-3.4	-4.1	-4.3	-4.4	-4.4	-4.4	-2.49
% chg	0.00%	0.00%	0.00%	0.00%	-7.10%	-7.98%	-8.00%	-7.86%	-7.54%	-7.21%	-4.57%
Consumption											
Baseline	4,168	4,220	4,337	4,474	4,630	4,795	4,964	5,136	5,316	5,506	
Change	189.3	237.7	262.1	276.4	282.9	289.3	295.8	305.0	314.4	324.5	277.75
% chg	4.54%	5.63%	6.04%	6.18%	6.11%	6.03%	5.96%	5.94%	5.91%	5.89%	5.82%
Rest of World											
Production											
Baseline	4,350	4,342	4,361	4,413	4,480	4,548	4,613	4,676	4,741	4,808	
Change	0.0	2.4	1.4	-3.9	-7.3	-12.8	-17.1	-19.8	-21.0	-21.4	-9.94
% chg	0.00%	0.06%	0.03%	-0.09%	-0.16%	-0.28%	-0.37%	-0.42%	-0.44%	-0.45%	-0.21%
Consumption											
Baseline	10,763	10,738	10,813	10,945	11,101	11,259	11,415	11,566	11,716	11,870	
Change	-62.1	-25.7	27.6	36.0	43.7	39.7	38.7	35.1	35.6	34.9	20.35
% chg	-0.58%	-0.24%	0.26%	0.33%	0.39%	0.35%	0.34%	0.30%	0.30%	0.29%	0.18%

Table B.29. Cotton Price and Trade

	02/03	03/04	04/05	05/06	06/07	07/08	08/09	09/10	10/11	11/12	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	837	911	983	1,041	1,091	1,143	1,200	1,258	1,317	1,378	
Change	11.57	21.82	28.28	32.59	35.36	37.34	39.00	41.50	43.38	43.50	33.43
% chg	1.38%	2.40%	2.88%	3.13%	3.24%	3.27%	3.25%	3.30%	3.29%	3.16%	2.93%
Total Trade	(Thousand Metric Tons)										
Baseline	4,363	4,368	4,367	4,397	4,439	4,488	4,540	4,588	4,635	4,683	
Change	-28	-34	-35	-39	-41	-42	-42	-44	-45	-43	-39
% chg	-0.63%	-0.78%	-0.80%	-0.89%	-0.93%	-0.94%	-0.92%	-0.96%	-0.96%	-0.92%	-0.87%
Exports of Selected Countries											
Africa											
Baseline	1,198	1,211	1,224	1,238	1,251	1,262	1,273	1,282	1,291	1,298	
Change	3.7	22.8	25.1	25.7	26.7	27.1	27.3	27.6	28.1	28.4	24.25
% chg	0.31%	1.88%	2.05%	2.07%	2.13%	2.14%	2.15%	2.15%	2.18%	2.19%	1.93%
Australia											
Baseline	650	644	649	663	683	709	737	766	795	825	
Change	5.2	5.4	5.4	5.8	5.7	5.9	6.0	6.1	6.1	6.1	5.75
% chg	0.80%	0.83%	0.83%	0.87%	0.83%	0.83%	0.81%	0.79%	0.77%	0.74%	0.81%
Pakistan											
Baseline	8	27	28	31	34	37	40	44	48	54	
Change	-62.7	-97.6	-100.2	-101.5	-102.5	-103.9	-105.6	-107.1	-108.6	-110.3	-100.01
% chg	-793%	-361%	-352%	-329%	-302%	-280%	-264%	-245%	-224%	-203%	-335.21%
United States											
Baseline	2,275	2,299	2,286	2,283	2,296	2,320	2,347	2,371	2,394	2,418	
Change	22.7	14.7	10.2	9.7	8.8	8.0	9.0	8.0	8.0	10.9	10.99
% chg	1.0%	0.6%	0.4%	0.4%	0.4%	0.3%	0.4%	0.3%	0.3%	0.4%	0.47%
Uzbekistan											
Baseline	735	722	717	714	713	712	712	711	711	711	
Change	4.6	12.9	14.0	14.4	14.9	15.0	15.0	15.1	15.3	15.3	13.67
% chg	0.63%	1.79%	1.96%	2.02%	2.09%	2.10%	2.11%	2.13%	2.15%	2.16%	1.91%
Imports of Selected Countries											
China											
Baseline	507	538	537	576	613	650	687	710	730	751	
Change	-8.4	-16.0	-17.8	-20.6	-22.4	-23.5	-24.0	-25.5	-26.6	-25.6	-21.02
% chg	-1.7%	-3.0%	-3.3%	-3.6%	-3.6%	-3.6%	-3.5%	-3.6%	-3.6%	-3.4%	-3.29%
European Union											
Baseline	543	514	512	496	482	466	447	428	410	390	
Change	-4.7	-9.5	-10.7	-11.0	-11.7	-11.9	-12.1	-12.4	-12.8	-12.9	-10.99
% chg	-0.9%	-1.9%	-2.1%	-2.2%	-2.4%	-2.6%	-2.7%	-2.9%	-3.1%	-3.3%	-2.41%
India											
Baseline	385	393	400	410	421	433	445	459	473	488	
Change	10.5	9.6	9.0	8.0	7.6	7.5	7.7	7.5	7.5	7.7	8.27
% chg	2.7%	2.4%	2.3%	2.0%	1.8%	1.7%	1.7%	1.6%	1.6%	1.59%	1.95%
Japan											
Baseline	237	228	220	214	209	204	200	196	193	189	
Change	-3.3	-2.3	-2.1	-2.2	-2.1	-2.0	-2.0	-2.0	-1.9	-1.8	-2.16
% chg	-1.38%	-0.99%	-0.95%	-1.01%	-1.01%	-1.00%	-0.98%	-1.00%	-0.98%	-0.96%	-1.03%
Mexico											
Baseline	353	348	346	346	347	348	347	347	347	347	
Change	-1.5	-1.1	-1.0	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.20
% chg	-0.43%	-0.32%	-0.29%	-0.34%	-0.34%	-0.34%	-0.33%	-0.35%	-0.35%	-0.35%	-0.34%
Turkey											
Baseline	424	423	411	394	388	388	389	389	390	393	
Change	-17.3	-22.2	-24.4	-18.9	-17.0	-17.2	-17.8	-17.6	-17.6	-17.9	-18.80
% chg	-4.09%	-5.25%	-5.94%	-4.80%	-4.38%	-4.45%	-4.59%	-4.52%	-4.51%	-4.55%	-4.71%

Table B.31. Butter Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,393	1,456	1,498	1,559	1,585	1,629	1,690	1,765	1,836	1,911	
Change	562.2	520.7	491.4	506.9	522.3	536.0	549.3	566.6	586.3	608.0	544.97
% chg	40.37%	35.76%	32.81%	32.51%	32.94%	32.91%	32.50%	32.09%	31.93%	31.82%	33.56%
Total Trade	(Thousand Metric Tons)										
Baseline	630	628	638	650	668	683	691	700	709	721	
Change	22.4	15.8	25.1	28.0	33.7	35.8	46.8	51.4	66.5	82.0	40.77
% chg	3.56%	2.52%	3.94%	4.31%	5.05%	5.25%	6.78%	7.35%	9.38%	11.38%	5.95%
Exports of Selected Countries											
Argentina											
Baseline	5	6	6	6	6	6	6	6	6	6	
Change	3.9	4.3	4.7	4.8	5.1	5.3	5.6	5.8	6.0	6.2	5.17
% chg	83%	77%	84%	84%	92%	96%	97%	98%	99%	100%	91%
Australia											
Baseline	119	121	119	118	121	122	121	122	122	124	
Change	21.0	21.3	25.4	27.2	29.0	29.7	30.0	30.6	30.9	31.2	27.64
% chg	17.56%	17.56%	21.27%	23.14%	24.00%	24.24%	24.74%	25.07%	25.27%	25.22%	22.81%
European Union											
Baseline	76	87	95	103	111	122	128	137	146	155	
Change	-119.7	-86.1	-66.7	-57.5	-58.9	-51.2	-36.8	-25.1	-13.3	-2.6	-51.80
% chg	-157%	-100%	-70%	-56%	-53%	-42%	-29%	-18%	-9%	-2%	-54%
New Zealand											
Baseline	341	323	326	330	334	337	340	342	344	346	
Change	16.8	17.3	18.6	17.9	18.8	19.5	20.4	21.0	21.6	22.0	19.40
% chg	4.93%	5.37%	5.70%	5.43%	5.62%	5.79%	6.00%	6.14%	6.28%	6.37%	5.76%
Imports of Selected Countries											
Brazil											
Baseline	6	6	6	4	4	3	3	2	1	0	
Change	-1.9	-1.9	-1.7	-1.5	-2.0	-2.6	-3.3	-3.9	-4.6	-5.3	-2.88
% chg	-32%	-33%	-30%	-35%	-52%	-76%	-123%	-222%	-454%	-1762%	-282%
Canada											
Baseline	3	1	-1	-1	0	1	1	2	2	2	
Change	0.5	35.1	37.0	38.5	40.3	40.6	42.3	42.9	44.0	45.1	36.61
% chg	18%	3421%	-3382%	-3761%	9542%	2719%	4066%	2653%	2194%	1899%	1937%
India											
Baseline	19	20	22	22	20	17	12	14	14	17	
Change	-65.6	-64.0	-48.8	-41.9	-45.3	-35.8	-24.7	-14.9	-5.3	4.3	-34.19
% chg	-354%	-328%	-223%	-189%	-221%	-207%	-204%	-109%	-38%	25%	-185%
Indonesia											
Baseline	14	14	15	15	15	16	16	16	16	17	
Change	2.1	2.1	2.2	2.2	2.3	2.3	2.4	2.4	2.5	2.5	2.30
% chg	14.81%	15.00%	15.07%	15.05%	15.00%	14.97%	14.97%	14.97%	14.95%	14.92%	14.97%
Japan											
Baseline	3	1	1	1	1	3	3	4	4	4	
Change	9.2	11.3	12.2	12.8	14.0	13.5	13.6	13.2	13.2	13.4	12.65
% chg	309%	1134%	1220%	1283%	1350%	485%	422%	351%	323%	326%	720%
Russia											
Baseline	112	118	125	132	141	150	158	166	174	183	
Change	-7.8	-6.8	-5.7	-3.8	-2.3	-0.3	2.0	4.5	6.6	8.9	-0.47
% chg	-6.99%	-5.74%	-4.53%	-2.90%	-1.60%	-0.18%	1.24%	2.73%	3.80%	4.85%	-0.93%
United States											
Baseline	9	9	9	9	9	9	9	9	9	9	
Change	8.8	3.6	4.0	0.5	0.1	-3.0	-3.4	-5.3	-5.7	-7.6	-0.79
% chg	102%	41%	46%	6%	2%	-35%	-40%	-61%	-66%	-88%	-9%

Table B.32. Butter Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Australia	(Thousand Metric Tons)										
Production											
Baseline	182	182	180	179	182	184	183	184	184	186	
Change	18.1	22.9	26.5	26.7	28.6	29.0	29.7	29.9	30.3	30.4	27.21
% chg	9.96%	12.57%	14.69%	14.98%	15.70%	15.77%	16.20%	16.31%	16.43%	16.38%	14.90%
Consumption											
Baseline	60	61	61	61	62	62	62	62	62	62	
Change	-0.9	-0.8	-0.7	-0.7	-0.7	-0.8	-0.7	-0.7	-0.7	-0.8	-0.76
% chg	-1.52%	-1.32%	-1.18%	-1.15%	-1.21%	-1.22%	-1.18%	-1.18%	-1.19%	-1.22%	-1.24%
European Union											
Production											
Baseline	1,706	1,704	1,702	1,703	1,704	1,705	1,705	1,703	1,702	1,700	
Change	-5.1	-11.0	14.4	9.8	-2.7	-11.9	-12.9	-13.7	-13.7	-14.5	-6.13
% chg	-0.30%	-0.64%	0.85%	0.58%	-0.16%	-0.70%	-0.76%	-0.80%	-0.80%	-0.86%	-0.36%
Consumption											
Baseline	1,617	1,614	1,604	1,605	1,603	1,594	1,579	1,566	1,554	1,542	
Change	85.4	78.2	84.3	61.9	46.5	29.2	22.1	12.0	1.6	-9.4	41.17
% chg	5.28%	4.85%	5.26%	3.85%	2.90%	1.83%	1.40%	0.77%	0.10%	-0.61%	2.56%
New Zealand											
Production											
Baseline	347	351	354	358	362	366	369	371	373	375	
Change	14.0	14.8	16.2	15.6	16.4	17.1	18.0	18.5	19.1	19.5	16.91
% chg	4.02%	4.21%	4.58%	4.34%	4.52%	4.67%	4.87%	4.99%	5.11%	5.19%	4.65%
Consumption											
Baseline	27	28	28	28	29	29	29	29	29	29	
Change	-2.9	-2.6	-2.3	-2.4	-2.4	-2.4	-2.4	-2.5	-2.5	-2.6	-2.49
% chg	-10.50%	-9.26%	-8.33%	-8.33%	-8.39%	-8.40%	-8.41%	-8.50%	-8.60%	-8.72%	-8.74%
United States											
Production											
Baseline	546	547	549	553	555	559	560	562	564	567	
Change	-5.6	6.7	4.3	10.0	9.4	15.2	15.1	18.3	18.1	20.4	11.19
% chg	-1.0%	1.2%	0.8%	1.8%	1.7%	2.7%	2.7%	3.3%	3.2%	3.6%	2.00%
Consumption											
Baseline	553	555	558	562	564	568	569	571	573	575	
Change	2.9	9.6	8.5	10.3	9.6	12.0	11.7	13.0	12.4	12.8	10.28
% chg	0.5%	1.7%	1.5%	1.8%	1.7%	2.1%	2.1%	2.3%	2.2%	2.2%	1.82%

Table B.33. Cheese Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	2,051	2,108	2,165	2,202	2,221	2,266	2,334	2,392	2,445	2,497	
Change	755.9	731.6	699.0	662.8	660.0	617.3	597.7	578.1	565.1	549.7	641.72
% chg	36.86%	34.70%	32.29%	30.10%	29.72%	27.24%	25.60%	24.17%	23.11%	22.01%	28.58%
Total Trade	(Thousand Metric Tons)										
Baseline	863	887	891	914	946	976	995	1,016	1,034	1,057	
Change	-80.9	-102.7	-105.0	-79.7	-82.6	-46.2	-26.7	-0.4	23.8	49.0	-45.14
% chg	-9.38%	-11.57%	-11.79%	-8.72%	-8.73%	-4.74%	-2.69%	-0.04%	2.30%	4.64%	-5.07%
Exports of Selected Countries											
Argentina											
Baseline	12	24	18	16	12	9	9	8	6	4	
Change	11.6	16.5	18.9	18.3	20.3	19.0	18.7	18.2	17.8	17.0	17.62
% chg	97%	67%	108%	117%	169%	201%	204%	227%	288%	409%	189%
Australia											
Baseline	185	181	191	195	206	213	217	225	232	240	
Change	21.8	12.8	12.3	16.7	15.9	14.6	12.5	11.2	10.0	9.0	13.68
% chg	11.73%	7.06%	6.42%	8.58%	7.71%	6.87%	5.74%	4.99%	4.31%	3.74%	6.72%
European Union											
Baseline	281	288	277	287	301	316	321	327	334	343	
Change	-171.3	-214.2	-225.0	-219.0	-231.9	-197.7	-172.6	-147.2	-124.1	-100.7	-180.37
% chg	-61.03%	-74.42%	-81.33%	-76.28%	-76.96%	-62.54%	-53.77%	-44.97%	-37.15%	-29.37%	-59.78%
New Zealand											
Baseline	271	277	293	305	315	327	336	342	346	349	
Change	5.1	0.7	-2.1	-0.5	0.3	-0.9	-3.5	-5.0	-6.8	-8.7	-2.13
% chg	1.88%	0.25%	-0.71%	-0.16%	0.08%	-0.28%	-1.04%	-1.45%	-1.95%	-2.48%	-0.59%
Switzerland											
Baseline	60	57	52	46	43	41	40	40	39	39	
Change	11.0	16.7	19.8	20.5	21.0	20.8	20.4	20.1	20.0	19.7	18.99
% chg	18.30%	29.18%	38.00%	44.24%	48.91%	50.69%	51.33%	50.96%	50.82%	50.19%	43.26%
Imports of Selected Countries											
Brazil											
Baseline	5	-3	-7	-6	-2	0	1	3	6	9	
Change	3.0	8.8	16.2	16.4	17.7	22.6	28.6	32.9	37.0	40.9	22.42
% chg	66%	-308%	-229%	-293%	-1028%	48703%	2603%	1174%	634%	439%	5176%
Canada											
Baseline	11	11	10	10	8	8	8	8	8	8	
Change	28.5	30.9	40.2	50.1	52.0	60.0	62.5	66.6	71.0	75.8	53.76
% chg	271%	291%	388%	505%	640%	746%	782%	835%	889%	947%	629%
Japan											
Baseline	200	206	210	216	222	228	234	239	244	249	
Change	26.7	27.4	22.8	16.2	9.2	1.6	-5.4	-12.5	-19.5	-26.6	3.97
% chg	13.30%	13.26%	10.82%	7.51%	4.12%	0.68%	-2.33%	-5.24%	-7.98%	-10.67%	2.35%
Mexico											
Baseline	60	58	57	57	56	51	49	45	39	31	
Change	-28.4	-46.1	-59.1	-65.8	-70.9	-73.2	-74.4	-74.5	-74.2	-73.6	-64.02
% chg	-48%	-79%	-103%	-116%	-126%	-144%	-152%	-166%	-189%	-234%	-136%
Russia											
Baseline	108	113	118	125	133	140	147	153	161	169	
Change	-33.5	-35.1	-36.7	-31.3	-28.9	-25.8	-24.0	-21.1	-18.9	-16.3	-27.15
% chg	-30.94%	-31.10%	-31.06%	-24.94%	-21.73%	-18.41%	-16.38%	-13.75%	-11.74%	-9.66%	-20.97%
United States											
Baseline	138	138	137	137	137	137	137	137	137	137	
Change	-84.9	-81.2	-84.7	-83.7	-88.8	-86.4	-92.6	-94.4	-97.3	-101.0	-89.47
% chg	-61.36%	-59%	-62%	-61%	-65%	-63%	-67%	-69%	-71%	-73%	-65.04%

Table B.34. Cheese Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Australia											
	(Thousand Metric Tons)										
Production											
Baseline	363	376	389	401	413	425	437	449	461	473	
Change	3.5	3.4	1.9	2.9	3.1	2.9	1.8	1.0	0.2	-0.4	2.03
% chg	0.97%	0.90%	0.48%	0.72%	0.76%	0.68%	0.41%	0.22%	0.05%	-0.09%	0.51%
Consumption											
Baseline	183	191	198	205	207	212	218	223	228	232	
Change	-13.2	-11.7	-10.2	-12.9	-13.0	-12.0	-11.0	-10.4	-9.9	-9.5	-11.40
% chg	-7.22%	-6.15%	-5.17%	-6.3%	-6.3%	-5.7%	-5.1%	-4.7%	-4.4%	-4.1%	-5.50%
European Union											
Production											
Baseline	6,273	6,304	6,354	6,434	6,496	6,560	6,577	6,612	6,652	6,693	
Change	-133.2	-220.0	-126.3	-189.1	-219.4	-192.7	-167.5	-142.0	-125.8	-108.1	-162.42
% chg	-2.1%	-3.5%	-2.0%	-2.9%	-3.4%	-2.9%	-2.5%	-2.1%	-1.9%	-1.6%	-2.51%
Consumption											
Baseline	5,977	6,032	6,079	6,136	6,188	6,237	6,267	6,297	6,328	6,359	
Change	23.8	25.5	63.8	47.1	30.2	17.6	11.6	8.8	3.9	-1.4	23.10
% chg	0.40%	0.42%	1.05%	0.77%	0.49%	0.28%	0.19%	0.14%	0.06%	-0.02%	0.38%
New Zealand											
Production											
Baseline	296	305	322	335	346	359	368	375	380	384	
Change	2.4	-1.8	-4.4	-2.6	-1.9	-2.9	-5.3	-6.7	-8.5	-10.3	-4.21
% chg	0.80%	-0.60%	-1.38%	-0.79%	-0.54%	-0.80%	-1.45%	-1.80%	-2.23%	-2.68%	-1.15%
Consumption											
Baseline	27	28	29	30	31	31	32	33	34	35	
Change	-2.7	-2.5	-2.3	-2.2	-2.1	-2.0	-1.9	-1.8	-1.7	-1.6	-2.08
% chg	-10.1%	-9.1%	-8.1%	-7.3%	-7.0%	-6.2%	-5.8%	-5.4%	-5.0%	-4.7%	-6.88%
United States											
Production											
Baseline	3,898	4,026	4,141	4,249	4,358	4,463	4,574	4,686	4,803	4,913	
Change	37	20	28	22	27	20	24	22	25	24	24.88
% chg	1.0%	0.5%	0.7%	0.5%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	0.57%
Consumption											
Baseline	4,022	4,137	4,248	4,358	4,467	4,572	4,683	4,796	4,913	5,023	
Change	-46	-57	-59	-61	-63	-65	-69	-72	-73	-77	-64.21
% chg	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-2%	-1%	-2%	-1.41%

Table B.35. Nonfat Dry Milk Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price											
	(U.S. Dollars per Metric Ton)										
Baseline	1,739	1,772	1,788	1,813	1,843	1,880	1,932	1,963	1,993	2,021	
Change	521.6	553.0	577.5	515.2	516.6	492.8	511.3	511.1	518.3	519.5	523.68
% chg	30.00%	31.22%	32.29%	28.41%	28.03%	26.21%	26.46%	26.04%	26.00%	25.71%	28.04%
Total Trade											
	(Thousand Metric Tons)										
Baseline	965	954	959	971	986	997	1,001	1,010	1,021	1,033	
Change	53.9	76.7	83.3	109.7	125.2	141.5	146.0	150.2	153.7	158.0	119.80
% chg	5.59%	8.04%	8.69%	11.30%	12.69%	14.19%	14.58%	14.86%	15.06%	15.30%	12.03%
Exports of Selected Countries											
Argentina											
Baseline	21	22	22	23	23	23	24	24	25	25	
Change	3.6	4.4	5.1	4.7	5.0	5.1	5.4	5.6	5.8	5.9	5.06
% chg	16.69%	19.63%	22.70%	20.77%	21.77%	21.82%	22.66%	22.98%	23.45%	23.63%	21.61%
Australia											
Baseline	222	227	222	217	222	224	221	220	219	220	
Change	39.1	45.0	52.1	52.3	56.7	57.4	59.0	59.7	60.5	60.9	54.26
% chg	17.65%	19.84%	23.48%	24.11%	25.49%	25.60%	26.72%	27.15%	27.58%	27.65%	24.53%
Canada											
Baseline	36	35	37	37	35	32	32	31	30	29	
Change	4.6	-50.5	-65.6	-68.7	-71.9	-72.9	-75.5	-76.8	-78.6	-80.6	-63.66
% chg	13%	-145%	-176%	-186%	-208%	-227%	-235%	-249%	-266%	-283%	-196%
European Union											
Baseline	95	106	101	104	107	111	112	112	113	113	
Change	-9.1	-6.5	-6.1	9.4	20.6	17.4	17.5	7.0	6.8	1.3	5.81
% chg	-10%	-6%	-6%	9%	19%	16%	16%	6%	6%	1%	5%
New Zealand											
Baseline	198	192	196	202	208	213	218	221	224	227	
Change	8.7	10.9	14.1	12.4	13.8	15.3	17.3	18.6	19.9	20.8	15.18
% chg	4.42%	5.70%	7.20%	6.11%	6.64%	7.16%	7.95%	8.40%	8.87%	9.20%	7.17%
United States											
Baseline	178	135	130	124	115	106	97	97	97	97	
Change	3.8	46.9	38.0	54.0	50.9	67.9	67.5	77.2	75.4	81.2	56.29
% chg	2.16%	34.72%	29.30%	43.60%	44.32%	64.25%	69.82%	79.92%	78.08%	84.06%	53.02%
Imports of Selected Countries											
Brazil											
Baseline	12	12	13	13	12	12	12	12	13	13	
Change	-5.7	-7.0	-8.6	-7.8	-8.3	-8.9	-10.3	-11.2	-12.3	-13.2	-9.35
% chg	-48%	-58%	-66%	-62%	-69%	-74%	-88%	-92%	-98%	-100%	-76%
Indonesia											
Baseline	101	104	107	110	113	115	118	121	124	126	
Change	11.9	12.1	12.1	12.9	13.2	13.8	14.0	14.4	14.7	15.1	13.44
% chg	11.83%	11.57%	11.33%	11.71%	11.74%	11.92%	11.89%	11.93%	11.93%	11.96%	11.78%
Japan											
Baseline	42	30	28	31	41	46	50	53	55	57	
Change	8.0	5.4	4.7	3.8	2.6	0.7	-0.8	-2.4	-2.6	-2.0	1.74
% chg	19.13%	17.76%	16.70%	12.34%	6.35%	1.60%	-1.69%	-4.52%	-4.62%	-3.50%	5.96%
Mexico											
Baseline	90	95	98	102	105	107	110	113	116	119	
Change	-7.8	-8.9	-9.7	-10.1	-10.5	-10.6	-10.8	-10.9	-10.9	-11.0	-10.12
% chg	-8.67%	-9.35%	-9.87%	-9.91%	-10.01%	-9.91%	-9.76%	-9.57%	-9.41%	-9.25%	-9.57%
Russia											
Baseline	42	43	42	39	36	33	30	26	22	18	
Change	-5.8	-8.1	-9.9	-6.4	-4.3	-1.9	-0.3	2.1	4.0	6.2	-2.44
% chg	-13.68%	-18.97%	-23.45%	-16.29%	-11.99%	-5.83%	-0.97%	8.17%	17.71%	33.55%	-3.17%

Table B.36. Nonfat Dry Milk Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Australia											
	(Thousand Metric Tons)										
Production											
Baseline	264	262	256	251	256	258	255	254	253	254	
Change	34.7	43.9	51.0	51.4	54.9	55.8	57.2	57.8	58.5	58.8	52.40
% chg	13.16%	16.75%	19.90%	20.46%	21.42%	21.59%	22.45%	22.78%	23.12%	23.18%	20.48%
Consumption											
Baseline	33	34	34	34	34	34	34	34	34	33	
Change	-2.9	-2.9	-2.9	-2.5	-2.5	-2.4	-2.3	-2.3	-2.3	-2.2	-2.52
% chg	-8.78%	-8.72%	-8.54%	-7.23%	-7.47%	-7.06%	-6.92%	-6.76%	-6.72%	-6.69%	-7.49%
European Union											
Production											
Baseline	972	961	946	931	922	911	907	896	884	873	
Change	9.4	9.8	47.5	46.7	24.5	0.9	-4.7	-9.8	-11.9	-15.9	9.65
% chg	0.97%	1.02%	5.02%	5.02%	2.66%	0.10%	-0.52%	-1.09%	-1.35%	-1.82%	1.00%
Consumption											
Baseline	861	853	845	838	828	818	802	789	776	763	
Change	24.6	20.7	40.3	37.5	13.2	-9.1	-16.9	-15.7	-16.0	-15.1	6.34
% chg	2.86%	2.43%	4.77%	4.48%	1.59%	-1.11%	-2.11%	-1.99%	-2.07%	-1.98%	0.69%
New Zealand											
Production											
Baseline	198	203	207	214	219	225	230	233	236	239	
Change	7.4	9.6	12.7	11.2	12.6	14.2	16.2	17.5	18.8	19.8	14.00
% chg	3.76%	4.73%	6.15%	5.23%	5.75%	6.30%	7.06%	7.50%	7.95%	8.28%	6.27%
Consumption											
Baseline	11	11	11	12	12	12	12	12	12	12	
Change	-1.3	-1.3	-1.4	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.18
% chg	-11.89%	-11.93%	-11.84%	-10.17%	-9.99%	-9.30%	-9.43%	-9.18%	-9.06%	-8.83%	-10.16%
United States											
Production											
Baseline	623	608	592	576	555	539	515	494	472	454	
Change	-0.5	31.9	26.0	38.9	37.1	50.6	50.6	58.2	57.1	62.1	41.19
% chg	0%	5%	4%	7%	7%	9%	10%	12%	12%	14%	7.97%
Consumption											
Baseline	403	406	409	399	402	402	406	408	410	410	
Change	-4.0	-14.2	-12.3	-14.9	-13.9	-17.0	-16.9	-18.9	-18.4	-19.1	-14.96
% chg	-1.0%	-3.5%	-3.0%	-3.7%	-3.5%	-4.2%	-4.2%	-4.6%	-4.5%	-4.7%	-3.69%

Table B.37. Whole Milk Powder Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,788	1,826	1,847	1,870	1,892	1,924	1,964	1,998	2,030	2,064	
Change	559.3	557.8	548.5	515.8	501.7	475.9	484.3	481.4	482.4	481.4	508.83
% chg	31.28%	30.54%	29.70%	27.58%	26.52%	24.73%	24.65%	24.10%	23.76%	23.33%	26.62%
Total Trade	(Thousand Metric Tons)										
Baseline	1,277	1,293	1,304	1,326	1,345	1,356	1,368	1,377	1,385	1,393	
Change	-0.8	1.1	16.8	28.6	44.6	65.6	66.1	72.1	80.3	90.3	46.48
% chg	-0.06%	0.09%	1.29%	2.16%	3.32%	4.83%	4.83%	5.23%	5.80%	6.48%	3.40%
Exports of Selected Countries											
Argentina											
Baseline	100	104	107	108	109	111	113	116	118	120	
Change	20.5	21.4	21.2	21.4	20.4	19.0	19.0	18.7	18.3	17.8	19.78
% chg	20.56%	20.56%	19.91%	19.83%	18.68%	17.06%	16.77%	16.15%	15.53%	14.83%	17.99%
Australia											
Baseline	193	197	200	201	202	203	205	206	206	207	
Change	15.3	20.7	24.0	26.0	29.0	30.3	30.5	31.1	31.4	32.0	27.03
% chg	7.95%	10.49%	12.00%	12.92%	14.37%	14.90%	14.89%	15.10%	15.24%	15.45%	13.33%
European Union											
Baseline	476	478	471	478	484	480	479	478	478	478	
Change	-68.7	-77.8	-84.2	-79.6	-65.1	-36.6	-30.2	-20.6	-12.2	-2.4	-47.74
% chg	-14.43%	-16.28%	-17.90%	-16.66%	-13.46%	-7.62%	-6.31%	-4.30%	-2.56%	-0.51%	-10.00%
New Zealand											
Baseline	508	513	526	539	550	562	571	577	583	588	
Change	32.2	12.1	10.4	10.6	9.8	8.2	9.0	8.3	7.6	6.5	11.46
% chg	6.33%	2.36%	1.98%	1.96%	1.77%	1.46%	1.58%	1.44%	1.30%	1.11%	2.13%
Imports of Selected Countries											
Brazil											
Baseline	23	21	21	23	24	24	26	30	33	37	
Change	-9.3	-8.9	-6.9	-5.8	-2.2	1.5	2.4	4.0	5.7	7.5	-1.20
% chg	-41.46%	-41.67%	-32.09%	-24.98%	-9.34%	6.11%	9.28%	13.50%	17.28%	20.21%	-8.32%
China											
Baseline	25	12	8	21	29	39	52	59	63	64	
Change	-6.7	-36.2	-53.2	-70.8	-79.8	-83.3	-89.8	-93.9	-98.0	-100.8	-71.25
% chg	-26%	-314%	-678%	-343%	-273%	-215%	-172%	-158%	-156%	-156%	-249%
Indonesia											
Baseline	12	12	13	13	13	14	14	14	15	15	
Change	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.3	3.4	3.5	3.12
% chg	23.17%	23.03%	22.91%	23.14%	23.18%	23.33%	23.37%	23.42%	23.44%	23.46%	23.25%
Malaysia											
Baseline	47	48	50	51	53	55	57	59	61	63	
Change	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.62
% chg	-1.36%	-1.31%	-1.26%	-1.16%	-1.14%	-1.08%	-1.06%	-1.04%	-1.03%	-1.02%	-1.15%
Mexico											
Baseline	23	25	26	27	30	31	31	32	33	34	
Change	5.7	2.9	0.8	-0.5	-1.3	-1.7	-1.6	-1.4	-1.0	-0.6	0.13
% chg	24.80%	11.60%	3.04%	-2.04%	-4.22%	-5.54%	-5.16%	-4.35%	-3.09%	-1.93%	1.31%
Russia											
Baseline	23	23	22	21	20	19	17	15	13	12	
Change	-1.8	-2.1	-2.5	-1.1	-1.0	-0.3	0.5	1.4	2.0	2.8	-0.21
% chg	-7.63%	-9.18%	-11.11%	-5.38%	-4.95%	-1.44%	2.81%	8.96%	14.87%	23.89%	1.09%
South Korea											
Baseline	0	0	0	0	1	1	1	1	1	1	
Change	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.0	3.0	2.88
% chg	573%	601%	676%	783%	502%	446%	500%	481%	458%	413%	543%

Table B.38. Whole Milk Powder Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
(Thousand Metric Tons)											
Australia											
Production											
Baseline	218	224	227	229	230	232	234	235	236	237	
Change	14.6	20.0	23.4	25.4	28.4	29.7	30.0	30.5	30.9	31.5	26.43
% chg	6.66%	8.93%	10.28%	11.10%	12.37%	12.84%	12.82%	12.99%	13.10%	13.27%	11.44%
Consumption											
Baseline	26	26	27	27	28	28	29	29	30	30	
Change	-0.8	-0.7	-0.7	-0.6	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	-0.60
% chg	-2.95%	-2.73%	-2.49%	-2.19%	-2.14%	-1.97%	-1.87%	-1.78%	-1.72%	-1.67%	-2.15%
European Union											
Production											
Baseline	975	977	969	977	983	979	975	972	970	967	
Change	-56.8	-66.3	-69.3	-66.7	-54.2	-28.4	-23.1	-14.4	-7.2	1.5	-38.50
% chg	-5.83%	-6.79%	-7.15%	-6.83%	-5.52%	-2.90%	-2.37%	-1.48%	-0.74%	0.15%	-3.95%
Consumption											
Baseline	499	499	499	499	499	499	497	494	492	489	
Change	11.9	11.5	14.9	12.9	10.9	8.2	7.1	6.2	5.0	3.9	9.24
% chg	2.38%	2.30%	2.99%	2.58%	2.18%	1.64%	1.43%	1.25%	1.03%	0.80%	1.86%
New Zealand											
Production											
Baseline	536	550	564	576	587	600	608	616	622	627	
Change	12.7	11.7	10.2	10.9	9.4	8.3	8.1	7.7	6.9	5.9	9.18
% chg	2.36%	2.13%	1.81%	1.90%	1.60%	1.38%	1.34%	1.25%	1.11%	0.95%	1.58%
Consumption											
Baseline	34	35	35	36	36	37	37	38	38	39	
Change	-1.3	-1.3	-1.2	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.10
% chg	-3.90%	-3.69%	-3.46%	-3.13%	-2.97%	-2.74%	-2.71%	-2.61%	-2.54%	-2.47%	-3.02%

Table B.39. Beef Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,641	1,684	1,730	1,681	1,613	1,545	1,506	1,481	1,507	1,543	
Change	175.3	173.3	130.3	57.1	-2.6	-31.5	-29.3	-4.1	25.4	55.8	54.96
% chg	10.68%	10.29%	7.53%	3.40%	-0.16%	-2.04%	-1.94%	-0.28%	1.68%	3.62%	3.28%
Total Trade	(Thousand Metric Tons)										
Baseline	2,906	3,218	3,484	3,726	3,990	4,123	4,171	4,233	4,171	4,158	
Change	298	454	479	462	403	362	331	329	358	401	387.58
% chg	10.24%	14.10%	13.75%	12.41%	10.11%	8.77%	7.94%	7.77%	8.58%	9.63%	10.33%
Exports of Selected Countries											
Argentina											
Baseline	194	280	330	322	323	326	347	362	408	438	
Change	136.7	72.3	46.3	44.6	71.5	106.9	142.8	169.1	176.8	172.8	114.00
% chg	70.60%	25.82%	14.03%	13.85%	22.18%	32.73%	41.13%	46.77%	43.38%	39.41%	34.99%
Australia											
Baseline	1,370	1,421	1,478	1,484	1,539	1,526	1,478	1,450	1,433	1,404	
Change	74.0	20.2	28.6	73.5	122.0	155.9	168.2	173.2	171.0	162.8	114.94
% chg	5.40%	1.42%	1.93%	4.95%	7.93%	10.21%	11.38%	11.94%	11.94%	11.59%	7.87%
Brazil											
Baseline	510	575	607	752	825	841	839	820	838	854	
Change	121.6	112.4	94.3	56.2	15.3	-16.9	-22.4	-2.5	23.4	51.9	43.34
% chg	23.85%	19.56%	15.53%	7.48%	1.86%	-2.01%	-2.67%	-0.30%	2.79%	6.07%	7.22%
Canada											
Baseline	250	274	310	332	376	411	451	478	499	504	
Change	55.2	34.0	20.3	30.1	49.2	61.6	64.7	57.5	43.2	28.3	44.41
% chg	22.11%	12.41%	6.56%	9.07%	13.11%	14.98%	14.36%	12.02%	8.65%	5.60%	11.89%
European Union *											
Baseline	369	370	420	418	413	411	410	409	410	411	
Change	-220.3	-163.4	-136.1	-128.8	-218.0	-254.5	-280.5	-290.8	-281.4	-267.0	-224.08
% chg	-60%	-44%	-32%	-31%	-53%	-62%	-68%	-71%	-69%	-65%	-55%
New Zealand											
Baseline	538	570	600	591	584	570	568	570	593	612	
Change	59.9	31.5	20.3	12.3	8.5	7.6	13.7	25.6	34.8	41.1	25.53
% chg	11.13%	5.54%	3.39%	2.07%	1.45%	1.33%	2.42%	4.48%	5.87%	6.72%	4.44%
United States											
Baseline	-497	-495	-507	-348	-151	30	127	239	67	-3	
Change	419.4	552.2	541.6	582.3	606.6	588.7	548.1	503.7	477.5	474.9	529.48
% chg	-84%	-112%	-107%	-167%	-401%	1961%	433%	211%	713%	-14896%	-1245%
Imports of Selected Countries											
Japan											
Baseline	912	919	930	961	997	1,031	1,059	1,082	1,096	1,104	
Change	198.2	194.6	211.7	229.9	237.7	230.4	214.7	195.0	182.3	172.9	206.73
% chg	21.73%	21.18%	22.77%	23.92%	23.84%	22.35%	20.28%	18.02%	16.63%	15.66%	20.64%
Mexico											
Baseline	473	593	645	693	742	681	595	546	511	539	
Change	-119.9	76.2	96.3	23.5	-88.6	-173.9	-209.7	-194.3	-143.1	-86.9	-82.04
% chg	-25.33%	12.85%	14.93%	3.39%	-11.94%	-25.53%	-35.22%	-35.55%	-28.00%	-16.13%	-14.65%
Philippines											
Baseline	90	99	102	113	125	136	143	148	144	138	
Change	74.2	57.3	59.3	77.2	96.0	112.1	118.9	118.1	112.0	105.9	93.12
% chg	82.50%	57.65%	58.39%	68.42%	77.08%	82.53%	83.17%	79.56%	77.99%	76.52%	74.38%
South Korea											
Baseline	232	250	265	284	303	321	336	349	356	361	
Change	45.3	47.4	49.6	54.0	58.5	63.5	67.4	70.2	72.0	73.6	60.16
% chg	19.50%	19.02%	18.71%	19.03%	19.32%	19.79%	20.07%	20.13%	20.22%	20.39%	19.62%

* Includes meat and meat equivalent of live cattle trade.

Table B.40. Beef Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
(Thousand Metric Tons)											
Argentina											
Production											
Baseline	2,902	2,946	3,010	3,045	3,096	3,152	3,221	3,280	3,356	3,416	
Change	91.8	33.6	18.2	31.1	70.9	114.2	150.5	170.8	170.7	158.8	101.07
% chg	3.2%	1.1%	0.6%	1.0%	2.3%	3.6%	4.7%	5.2%	5.1%	4.6%	3.15%
Consumption											
Baseline	2,709	2,665	2,680	2,723	2,773	2,826	2,873	2,918	2,949	2,977	
Change	-44.9	-38.7	-28.1	-13.5	-0.7	7.3	7.7	1.7	-6.2	-14.0	-12.93
% chg	-1.7%	-1.5%	-1.0%	-0.5%	0.0%	0.3%	0.3%	0.1%	-0.2%	-0.5%	-0.48%
Australia											
Production											
Baseline	2,038	2,099	2,165	2,188	2,255	2,260	2,233	2,221	2,208	2,179	
Change	64.0	9.9	21.0	70.7	124.8	162.8	175.9	177.4	170.4	158.0	113.49
% chg	3.1%	0.5%	1.0%	3.2%	5.5%	7.2%	7.9%	8.0%	7.7%	7.3%	5.14%
Consumption											
Baseline	668	678	687	704	716	733	755	770	775	775	
Change	-9.6	-10.3	-7.6	-3.0	2.6	6.7	7.7	4.2	-0.5	-4.6	-1.43
% chg	-1.4%	-1.5%	-1.1%	-0.4%	0.4%	0.9%	1.0%	0.6%	-0.1%	-0.6%	-0.23%
Brazil											
Production											
Baseline	6,883	7,089	7,220	7,520	7,767	7,966	8,134	8,278	8,417	8,545	
Change	73.0	67.8	75.6	77.1	72.3	64.6	60.4	62.2	63.5	67.5	68.40
% chg	1.1%	1.0%	1.0%	1.0%	0.9%	0.8%	0.7%	0.8%	0.8%	0.8%	0.89%
Consumption											
Baseline	6,373	6,515	6,613	6,768	6,942	7,125	7,296	7,458	7,578	7,691	
Change	-48.5	-44.6	-18.7	20.8	57.0	81.5	82.8	64.7	40.1	15.6	25.07
% chg	-0.8%	-0.7%	-0.3%	0.3%	0.8%	1.1%	1.1%	0.9%	0.5%	0.2%	0.33%
China - Mainland											
Production											
Baseline	5,847	6,103	6,374	6,650	6,963	7,276	7,613	8,000	8,432	8,899	
Change	-150.8	-71.3	-59.1	-106.9	-129.6	-137.1	-138.9	-139.5	-141.3	-139.8	-121.43
% chg	-2.6%	-1.2%	-0.9%	-1.6%	-1.9%	-1.9%	-1.8%	-1.7%	-1.7%	-1.6%	-1.68%
Consumption											
Baseline	5,819	6,071	6,348	6,642	6,979	7,322	7,693	8,115	8,574	9,067	
Change	159.1	105.7	49.7	58.3	59.4	56.8	50.6	43.4	37.3	31.4	65.17
% chg	2.7%	1.7%	0.8%	0.9%	0.9%	0.8%	0.7%	0.5%	0.4%	0.3%	0.97%
European Union *											
Production											
Baseline	7,271	7,492	7,438	7,397	7,377	7,322	7,281	7,254	7,231	7,205	
Change	-139.9	-97.7	-72.1	-49.5	-39.3	-25.6	-33.5	-50.2	-70.6	-89.1	-66.75
% chg	-1.9%	-1.3%	-1.0%	-0.7%	-0.5%	-0.3%	-0.5%	-0.7%	-1.0%	-1.2%	-0.91%
Consumption											
Baseline	6,827	7,099	7,340	7,258	7,014	6,961	6,921	6,895	6,870	6,844	
Change	37.6	16.8	11.8	21.2	128.7	179.1	197.3	190.9	160.9	127.9	107.23
% chg	0.6%	0.2%	0.2%	0.3%	1.8%	2.6%	2.9%	2.8%	2.3%	1.9%	1.55%
Mexico											
Production											
Baseline	1,887	1,776	1,756	1,773	1,797	1,917	2,057	2,154	2,227	2,234	
Change	57.6	-111.2	-117.3	-22.9	109.5	209.1	247.3	223.9	159.6	89.4	84.50
% chg	3%	-6%	-7%	-1%	6%	11%	12%	10%	7%	4%	3.94%
Consumption											
Baseline	2,360	2,369	2,401	2,467	2,539	2,598	2,653	2,701	2,738	2,773	
Change	-62.3	-35.1	-21.1	0.6	20.9	35.2	37.6	29.6	16.5	2.5	2.46
% chg	-3%	-1%	-1%	0%	1%	1%	1%	1%	1%	0%	0.04%

* Includes meat and meat equivalent of live cattle trade.

Table B.41. Pork Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	984	892	950	987	1,012	957	915	879	929	997	
Change	119.6	119.1	112.3	96.5	81.1	83.1	94.1	108.1	111.0	108.1	103.31
% chg	12.16%	13.34%	11.83%	9.78%	8.02%	8.68%	10.29%	12.29%	11.95%	10.84%	10.92%
Total Trade	(Thousand Metric Tons)										
Baseline	2,551	2,735	2,831	2,949	3,038	3,139	3,273	3,414	3,537	3,644	
Change	511.8	466.4	690	880	1,057	1,079	1,062	1,022	1,125	1,301.2	919.41
% chg	20.06%	17.05%	24.37%	29.84%	34.78%	34.37%	32.45%	29.93%	31.81%	35.71%	29.04%
Exports of Selected Countries											
Brazil											
Baseline	284	331	367	380	410	434	460	486	488	487	
Change	149.5	160.7	200.7	233.2	252.8	282.3	312.9	343.6	357.9	365.8	265.95
% chg	52.58%	48.59%	54.71%	61.37%	61.69%	65.04%	67.98%	70.70%	73.29%	75.15%	63.11%
Canada											
Baseline	649	612	658	714	796	817	825	817	872	966	
Change	177.4	199.7	243.1	279.0	309.1	343.3	381.0	423.5	443.8	461.0	326.08
% chg	27.33%	32.62%	36.92%	39.07%	38.83%	42.05%	46.18%	51.80%	50.88%	47.74%	41.34%
European Union											
Baseline	1,230	1,329	1,298	1,295	1,229	1,231	1,270	1,340	1,385	1,412	
Change	205.3	-118.6	-66.3	-24.2	62.7	-53.3	-214.3	-409.5	-362.4	-207.8	-118.84
% chg	16.68%	-8.93%	-5.10%	-1.87%	5.10%	-4.33%	-16.87%	-30.57%	-26.16%	-14.72%	-8.68%
Poland											
Baseline	50	76	105	146	181	216	247	277	284	286	
Change	-71.8	-69.7	-92.3	-114.8	-130.8	-119.9	-102.8	-84.4	-93.2	-111.9	-99.16
% chg	-143%	-91.96%	-87.96%	-78.43%	-72.20%	-55.58%	-41.59%	-30.51%	-32.78%	-39.15%	-67.28%
United States											
Baseline	228	260	268	275	278	295	327	351	376	376	
Change	153.1	341.2	461.6	565.8	623.3	677.0	722.7	772.0	804.0	831.3	595.20
% chg	67%	131%	172%	205%	225%	229%	221%	220%	214%	221%	191%
Imports of Selected Countries											
China - Mainland											
Baseline	79	87	127	144	159	178	198	209	219	229	
Change	104.5	146.6	269.4	359.3	445.8	434.7	399.2	348.8	394.7	496.3	339.93
% chg	132%	169%	211%	250%	281%	245%	202%	167%	181%	217%	205%
Japan											
Baseline	945	1,001	1,019	1,041	1,059	1,099	1,140	1,181	1,201	1,210	
Change	185.7	166.3	180.4	193.9	218.5	273.3	336.9	402.8	438.6	455.1	285.16
% chg	19.65%	16.62%	17.71%	18.63%	20.63%	24.86%	29.56%	34.10%	36.53%	37.61%	25.59%
Mexico											
Baseline	274	331	357	372	376	394	433	485	514	519	
Change	46.6	-15.3	-28.7	-46.8	-60.2	-71.1	-79.0	-85.1	-86.1	-84.9	-51.06
% chg	17.04%	-4.62%	-8.02%	-12.56%	-16.02%	-18.07%	-18.23%	-17.54%	-16.75%	-16.35%	-11.11%
Philippines											
Baseline	32	37	35	47	51	59	67	76	94	116	
Change	-1.9	-2.5	16.8	28.5	37.5	34.4	31.0	26.6	32.2	40.8	24.35
% chg	-5.92%	-6.67%	47.77%	60.55%	73.47%	58.41%	46.48%	35.18%	34.30%	35.25%	37.88%
South Korea											
Baseline	66	96	97	96	92	97	101	105	102	99	
Change	38.2	35.4	51.6	70.9	89.3	92.7	89.2	81.2	83.5	91.7	72.36
% chg	57.89%	36.87%	52.90%	74.15%	96.60%	95.78%	88.11%	77.13%	81.67%	92.12%	75.32%
Taiwan											
Baseline	44	60	68	78	81	90	100	109	111	110	
Change	4.1	12.2	20.3	30.8	39.2	43.1	43.8	41.9	41.7	42.5	31.96
% chg	9.29%	20.34%	29.91%	39.47%	48.64%	47.77%	44.06%	38.34%	37.48%	38.66%	35.40%

Table B.42. Pork Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Brazil	(Thousand Metric Tons)										
Production											
Baseline	2,235	2,337	2,425	2,488	2,561	2,630	2,707	2,786	2,857	2,929	
Change	129.7	141.2	178.7	207.1	224.0	246.1	269.9	297.1	314.3	328.4	233.64
% chg	5.8%	6.0%	7.4%	8.3%	8.7%	9.4%	10.0%	10.7%	11.0%	11.2%	8.85%
Consumption											
Baseline	1,951	2,006	2,058	2,108	2,151	2,196	2,246	2,300	2,369	2,442	
Change	-19.8	-19.5	-22.1	-26.1	-28.8	-36.2	-43.1	-46.5	-43.6	-37.4	-32.31
% chg	-1.0%	-1.0%	-1.1%	-1.2%	-1.3%	-1.6%	-1.9%	-2.0%	-1.8%	-1.5%	-1.46%
Canada											
Production											
Baseline	1,762	1,783	1,837	1,900	1,987	2,041	2,082	2,106	2,163	2,254	
Change	116.7	124.5	170.8	210.6	245.5	270.2	295.7	324.6	349.2	375.0	248.27
% chg	6.6%	7.0%	9.3%	11.1%	12.4%	13.2%	14.2%	15.4%	16.1%	16.6%	12.20%
Consumption											
Baseline	1,113	1,171	1,178	1,186	1,191	1,224	1,256	1,289	1,291	1,288	
Change	-60.7	-75.2	-72.3	-68.4	-63.6	-73.2	-85.3	-98.8	-94.6	-86.0	-77.81
% chg	-5.5%	-6.4%	-6.1%	-5.8%	-5.3%	-6.0%	-6.8%	-7.7%	-7.3%	-6.7%	-6.36%
European Union											
Production											
Baseline	17,804	17,964	18,009	18,060	18,121	18,196	18,294	18,414	18,533	18,635	
Change	20.1	-13.8	-79.8	-126.6	-135.2	-161.0	-232.0	-337.9	-410.5	-404.2	-188.09
% chg	0.1%	-0.1%	-0.4%	-0.7%	-0.7%	-0.9%	-1.3%	-1.8%	-2.2%	-2.2%	-1.02%
Consumption											
Baseline	16,569	16,635	16,709	16,765	16,892	16,965	17,024	17,074	17,148	17,223	
Change	-183.7	100.3	-12.8	-101.5	-197.8	-109.8	-19.4	70.3	-46.1	-194.0	-69.44
% chg	-1.1%	0.6%	-0.1%	-0.6%	-1.2%	-0.6%	-0.1%	0.4%	-0.3%	-1.1%	-0.41%
China - Mainland											
Production											
Baseline	29,880	30,550	31,189	31,897	32,696	33,512	34,309	35,088	35,838	36,556	
Change	-192.2	-266.3	-338.0	-400.5	-457.2	-474.9	-463.9	-432.7	-424.9	-444.2	-389.48
% chg	-0.6%	-0.9%	-1.1%	-1.3%	-1.4%	-1%	-1.4%	-1.2%	-1.2%	-1%	-1.17%
Consumption											
Baseline	29,959	30,636	31,316	32,040	32,854	33,690	34,506	35,297	36,057	36,785	
Change	-87.7	-119.7	-68.5	-41.3	-11.5	-40.1	-64.7	-84.0	-30.2	52.2	-49.55
% chg	-0.3%	-0.4%	-0.2%	-0.1%	0.0%	0%	-0.2%	-0.2%	-0.1%	0%	-0.16%
Japan											
Production											
Baseline	1,248	1,228	1,221	1,216	1,217	1,214	1,207	1,198	1,198	1,204	
Change	-100.5	-99.7	-123.4	-140.6	-153.2	-165.9	-176.5	-186.2	-192.5	-197.0	-153.55
% chg	-8.1%	-8.1%	-10.1%	-11.6%	-12.6%	-13.7%	-14.6%	-15.5%	-16.1%	-16.4%	-12.67%
Consumption											
Baseline	2,193	2,228	2,240	2,256	2,277	2,312	2,346	2,379	2,398	2,414	
Change	77.7	65.9	56.6	52.9	64.8	106.4	159.5	215.8	245.9	258.2	130.39
% chg	3.5%	3.0%	2.5%	2.3%	2.8%	4.6%	6.8%	9.1%	10.3%	10.7%	5.56%

Table B.43. Broiler Price and Trade

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
World Price	(U.S. Dollars per Metric Ton)										
Baseline	1,306	1,315	1,323	1,325	1,320	1,317	1,330	1,339	1,353	1,365	
Change	111.7	116.7	114.4	106.3	96.2	94.4	96.0	101.0	105.0	109.3	105.10
% chg	8.55%	8.88%	8.65%	8.03%	7.29%	7.16%	7.22%	7.54%	7.76%	8.01%	7.91%
Total Trade	(Thousand Metric Tons)										
Baseline	5,165	5,435	5,683	5,929	6,176	6,419	6,614	6,797	6,991	7,220	
Change	975	1,174	1,141	1,150	1,150	1,161	1,191	1,226	1,253	1,270.2	1,169.04
% chg	18.87%	21.60%	20.08%	19.39%	18.61%	18.09%	18.00%	18.04%	17.93%	17.59%	18.82%
Exports of Selected Countries											
Brazil											
Baseline	1,300	1,524	1,683	1,842	1,951	2,045	2,186	2,297	2,393	2,464	
Change	442.2	488.7	488.6	472.8	452.7	449.2	441.6	439	437.1	439.0	455.11
% chg	34.01%	32.07%	29.04%	25.67%	23.20%	21.97%	20.20%	19.12%	18.27%	17.81%	24.14%
European Union											
Baseline	552	559	556	564	570	577	587	596	606	615	
Change	38.0	10.5	-185.2	-261.1	-318.9	-360.0	-377.8	-393.8	-427.9	-469.6	-274.59
% chg	6.88%	1.88%	-33.33%	-46.26%	-55.92%	-62.35%	-64.35%	-66.03%	-70.61%	-76.42%	-46.65%
Thailand											
Baseline	409	416	419	429	430	428	419	413	402	399	
Change	140.8	148.4	157.4	165.2	172.4	179.3	187.7	196.7	206.0	213.7	176.76
% chg	34.44%	35.65%	37.57%	38.48%	40.11%	41.91%	44.77%	47.68%	51.30%	53.57%	42.55%
United States											
Baseline	2,869	2,919	3,029	3,098	3,226	3,371	3,423	3,489	3,583	3,731	
Change	381.8	555.4	707.8	801.2	871.0	920.0	968.0	1,015.2	1,071.1	1,121.9	841.34
% chg	13.31%	19.03%	23.37%	25.86%	27.00%	27.29%	28.28%	29.10%	29.90%	30.07%	25.32%
Imports of Selected Countries											
Canada											
Baseline	10	11	14	16	17	19	20	21	22	25	
Change	108.2	145.3	170.3	191.7	204.1	220.8	234.7	248.9	261.2	273.4	205.87
% chg	1082%	1292%	1216%	1176%	1201%	1184%	1201%	1192%	1178%	1105%	1183%
China - Mainland											
Baseline	505	512	569	640	727	838	951	1,041	1,106	1,172	
Change	356.5	387.6	318.4	298.5	285.7	281.3	282.3	283.2	277.9	270.5	304.19
% chg	70.64%	75.72%	55.92%	46.63%	39.30%	33.57%	29.67%	27.19%	25.13%	23.08%	42.69%
Japan											
Baseline	680	699	716	733	753	772	787	803	818	833	
Change	-81.5	-88.8	-96.4	-98.2	-96.9	-95.1	-92.4	-90.2	-88.2	-86.3	-91.39
% chg	-11.98%	-12.71%	-13.46%	-13.39%	-12.88%	-12.31%	-11.73%	-11.23%	-10.78%	-10.36%	-12.08%
Mexico											
Baseline	245	262	296	323	350	345	338	327	337	352	
Change	-50.7	-47.6	-63.4	-74.7	-82.4	-86.1	-85.3	-82.5	-84.0	-87.7	-74.44
% chg	-20.68%	-18.20%	-21.44%	-23.14%	-23.54%	-24.97%	-25.26%	-25.20%	-24.93%	-24.92%	-23.23%
Philippines											
Baseline	11	19	23	26	34	45	53	62	73	86	
Change	98.9	123.9	131.9	131.0	128.8	126.9	127.3	129.1	130.3	130.7	125.88
% chg	936%	638%	571%	512%	383%	284%	241%	207%	178%	152%	410%
Saudi Arabia											
Baseline	386	406	432	453	477	502	525	549	574	600	
Change	77.4	83.1	89.6	94.3	97.1	92.3	88.7	86.6	95.0	105.3	90.93
% chg	20.04%	20.44%	20.73%	20.81%	20.38%	18.37%	16.88%	15.79%	16.56%	17.54%	18.75%
South Korea											
Baseline	82	91	97	102	107	111	114	117	120	123	
Change	34.4	47.2	50.9	53.6	56.2	58.9	62.2	64.6	65.1	64.5	55.77
% chg	41.74%	51.92%	52.22%	52.49%	52.72%	52.97%	54.45%	55.20%	54.31%	52.35%	52.04%

Table B.44. Broiler Production and Consumption

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Average
Brazil	(Thousand Metric Tons)										
Production											
Baseline	6,693	7,062	7,370	7,641	7,884	8,119	8,402	8,680	8,965	9,243	
Change	385.7	433.1	421.3	388.3	352.7	340.9	340.4	353	363.8	374.5	375.36
% chg	6%	6%	6%	5%	4%	4%	4%	4%	4%	4%	4.76%
Consumption											
Baseline	5,397	5,539	5,688	5,800	5,933	6,074	6,216	6,383	6,573	6,779	
Change	-55.0	-55.6	-67.4	-84.7	-100.2	-108.4	-101.2	-86	-73.3	-64.5	-79.65
% chg	-1%	-1%	-1%	-1%	-2%	-2%	-2%	-1%	-1%	-1%	-1.32%
European Union											
Production											
Baseline	6,815	6,923	6,988	7,065	7,161	7,226	7,292	7,360	7,426	7,484	
Change	0.8	-33.6	-173.6	-241.0	-318.2	-382.8	-417.8	-439.8	-453.4	-467.2	-292.66
% chg	0%	0%	-2%	-3%	-4%	-5%	-6%	-6%	-6%	-6%	-4.02%
Consumption											
Baseline	6,262	6,363	6,432	6,500	6,591	6,648	6,705	6,764	6,820	6,869	
Change	-37.2	-44.4	10.6	19.7	0.3	-23.0	-40.1	-46.0	-25.5	2.4	-18.31
% chg	-1%	-1%	0%	0%	0%	0%	-1%	-1%	0%	0%	-0.28%
Thailand											
Production											
Baseline	1,264	1,296	1,327	1,356	1,378	1,395	1,407	1,423	1,444	1,479	
Change	52.3	61.3	64.9	62.3	58.3	57.0	58.1	62.3	67.1	72.2	61.58
% chg	4%	5%	5%	5%	4%	4%	4%	4%	5%	5%	4.47%
Consumption											
Baseline	855	880	908	927	948	968	988	1,011	1,043	1,080	
Change	-88.4	-87.1	-92.5	-102.9	-114.2	-122.3	-129.6	-134.4	-138.9	-141.5	-115.18
% chg	-10%	-10%	-10%	-11%	-12%	-13%	-13%	-13%	-13%	-13%	-11.91%
Canada											
Production											
Baseline	924	928	945	956	973	976	983	992	1,013	1,036	
Change	-60.2	-90.1	-110.3	-128.3	-140.0	-152.7	-162.9	-172.3	-180.8	-189.5	-138.71
% chg	-7%	-10%	-12%	-13%	-14%	-16%	-17%	-17%	-18%	-18%	-14.14%
Consumption											
Baseline	934	939	959	972	990	994	1,003	1,012	1,035	1,061	
Change	48.0	55.2	60.0	63.4	64.1	68.0	71.8	76.7	80.4	83.9	67.16
% chg	5%	6%	6%	7%	6%	7%	7%	8%	8%	8%	6.75%
China - Mainland											
Production											
Baseline	4,687	4,774	4,852	4,951	5,075	5,188	5,293	5,403	5,512	5,612	
Change	-266.7	-295.5	-264.9	-262.8	-264.4	-259.7	-251.9	-244.7	-240.1	-236.1	-258.67
% chg	-6%	-6%	-5%	-5%	-5%	-5%	-5%	-5%	-4%	-4%	-5.07%
Consumption											
Baseline	5,192	5,286	5,422	5,591	5,802	6,026	6,244	6,444	6,618	6,784	
Change	-355.1	-387.4	-341.5	-330.2	-321.9	-302.8	-279.5	-263.3	-255.1	-247.3	-308.40
% chg	-7%	-7%	-6%	-6%	-6%	-5%	-4%	-4%	-4%	-4%	-5.30%