

2000 OUTLOOK OF THE U.S. AND WORLD WHEAT INDUSTRIES, 1999-2009

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ABSTRACT

This report evaluates the U.S. and world wheat markets for the 1999-2009 period by using the Global Wheat Policy Simulation Model. This analysis is based on a series of assumptions about general economic conditions, agricultural policies, weather conditions, and technological change.

Both the U.S. and world wheat economies are predicted to be improving for the next ten years. World demands for both common and durum wheat are expected to grow faster than world production of the two wheat classes, resulting in gradual increases in prices of the wheats, which are predicted to increase 36% for durum wheat and 23% for common wheat for the 1999-2009 period. However, the prices are expected to recover slowly for the next 2-3 years. World trade volumes of both classes of wheat are expected to expand, but trade volume of durum wheat may grow faster than common wheat.

Key words: Common Wheat, Durum Wheat, Production, Exports, Consumption, Ending Stocks

HIGHLIGHTS

Total world wheat trade is projected to increase by 13.9% from 85.0 million metric tons in 1999 to 96.8 million metric tons in 2009. Prices for both durum and common wheat are expected to increase about 36% and 23%, respectively, for the 1999-2009 period. However the prices are expected to recover slowly for the next 2-3 years.

Production of all wheat classes in the United States is predicted to increase for the 1999-2009 period. The largest increase in production occurs for U.S. white wheat, followed by HRS wheat. U.S. consumption of durum wheat is expected to grow faster than consumption of other wheats for the 1999-2009 period, mainly because of the increasing popularity of pasta products in the United States. Exports of all wheat classes except durum wheat are predicted to be strong for the 1999-2009 period. Durum exports are predicted to be sluggish.

Production of both Canadian western red spring (CWRS) and western amber durum (CWAD) wheat is predicted to increase for the 1999-2009 period. However, CWAD wheat production will grow faster than CWRS wheat production.

Domestic consumption of CWRS and CWAD wheat is predicted to increase for the 1999-2009 period. CWAD wheat exports are projected to increase faster than CWRS wheat exports.

Common wheat production in the European Union (E.U.) is predicted to increase 0.4% from 1999 to 2009, while durum wheat production is expected to increase 4.7%. Exports of both wheat classes are predicted to decrease.

Australia's wheat production is predicted to grow 6.2% over the 1999-2009 period. Domestic wheat consumption is expected to increase 7.4% from 5.1 million metric tons in 1999 to 5.5 million metric tons in 2009. Wheat exports also are expected to increase from 18.0 million metric tons in 1999 to 19.0 million metric tons in 2009.

Argentine wheat production is projected to increase 8.6% from 14.0 million metric tons in 1999 to 15.2 million metric tons in 2009. Domestic wheat consumption is expected to increase 19.8% from 4.5 million metric tons to 5.4 million metric tons for the period. Wheat exports are expected to increase from 9.6 million metric tons in 1999 to 9.8 million metric tons in 2009.

Most importing countries are predicted to increase their imports for both common and durum wheat. Among those countries, import demand for common wheat from China and Tunisia will grow faster than from other countries. Import demand for durum wheat from Algeria is predicted to grow faster than common wheat.

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Won W. Koo and Richard D. Taylor*

INTRODUCTION

This report evaluates the U.S. and world wheat industries for the 1999-2009 period by using the Global Wheat Policy Simulation Model developed by Benirschka and Koo. The outlook projection is based on an assumption that current farm and trade policies adopted by wheat exporting and importing countries are unchanged. Assumptions associated with macroeconomic variables, such as GDP growth rates, interest rates, inflation rates, exchange rates, and consumer price indices in the United States and other countries, are based on forecasts prepared by the WEFA Group and Project LINK. Average weather conditions and historical rates of technological change are also assumed to prevail during the projection period.

Wheat is a differentiated product. Substitution among wheat classes is imperfect, and consumer preferences differ among countries, suggesting that wheat characteristics are an important determinant of trade flows. The Global Wheat Policy Simulation Model is a partial equilibrium model that distinguishes wheat into common and durum wheat. U.S. common wheat is further divided into four classes; hard red winter (HRW), hard red spring (HRS), soft red winter (SRW), and white wheat.

The model contains 5 exporting countries [Argentina, Australia, Canada, the United States, and the European Union (E.U.)] and 13 importing countries and regions (Algeria, Brazil, China, Egypt, the Former Soviet Union (FSU), Japan, Mexico, Morocco, South Korea, Taiwan, Tunisia, Venezuela, and a Rest of the World region). The model simulates production, consumption, stocks, and exports or imports for wheat classes over a 10-year period. The model is solved for a set of equilibrium wheat prices in which demand for each wheat class equals supply for every year. The model is linked to the Food Agricultural Policy Research Institute (FAPRI) model and uses the predicted prices of all agricultural commodities, except wheat, from the model. The model used 1999 as the base year of the simulation.

Wheat is produced widely across the world. The total world wheat production has increased, from 531 million tons in 1986/87 to 585 million tons in 1999/00. China was the largest producer of wheat in 1999 (115 million tons), followed by the E.U. (96 million tons) and the United States (63 million tons). Other major wheat producing countries are the former Soviet Union (FSU), Canada, Australia, Turkey, India, and Argentina. These nine countries produce about 74% of wheat produced in the world. Because of the concentration of wheat production in a few countries, a large volume of wheat is traded in the world market. The total quantity of wheat traded in the world market was 123 million tons in 1999, which is about 21% of wheat produced in that year. Major exporting countries are the United States, Canada, the E.U., Australia, and Argentina.

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The world wheat market has changed dramatically in the past decade. Farm support policies in exporting and importing countries have encouraged production, resulting in large stock buildups. Countries used quotas, variable levies, tariffs, and other forms of import restrictions to protect domestic producers. As world trade decreased during the early 1980s due to a depressed world economy, major exporting countries expanded the use of export subsidies or export promotion programs to maintain their grain market share.

The Uruguay Round of GATT negotiations, which became effective in 1995, has affected trade flows of wheat from exporting countries to importing countries. In addition, recent financial crises in several Asian countries, including South Korea, Thailand, Indonesia, and Taiwan, also have affected the world wheat market. Import demand for wheat from those countries has been reduced substantially, resulting in depressed wheat prices in the world market. The average export price of wheat at the Gulf ports decreased from \$5.02 per bushel in 1996/97 to \$ 3.38 per bushel in 1999/00.

WORLD WHEAT INDUSTRY

World wheat trade is dominated by a few exporting countries: the United States, Canada, Argentina, Australia, and the E.U. These countries have handled over 80% of wheat traded in the world market. While competition among exporting countries is strong, the world wheat market is not perfectly competitive. Australia and Canada use wheat boards to market their grain, while the United States and the E.U. rely on export subsidies to increase their market share. In addition, all major wheat exporters use credit guarantees and loan term preferential trade agreements to promote their exports.

Wheat Classes

Most wheat varieties grown today belong to the broad category of common or bread wheat, which accounts for approximately 95% of world wheat production. The remaining 5% of world wheat production is durum wheat used to produce pasta and couscous. Common wheat is further divided into hard and soft wheat. Wheat varieties are highly differentiated in terms of their agronomic and end-use attributes. Based on criteria, such as kernel hardness, color, growth habit, and protein content, wheat is divided into several classes. Color and hardness refer to physical properties of the wheat kernel. Based on the color of the outer layer of the kernel, common wheat varieties are described as white, amber, red, or dark, while the hardness of the kernel is used to characterize them as hard or soft.

Growth habitat is an important agronomic feature of wheat varieties. Winter wheat is planted in late summer or fall and requires a period of cold winter temperatures for heading to occur. After using fall moisture for germination, the plants remain in a vegetative phase or dormancy during the winter and resume growth in early spring. In contrast to winter wheat, spring wheat changes from vegetative growth to reproductive growth without exposure to cold temperatures. In temperate climates, spring wheat is sown in spring. Since yields for winter wheat tend to be higher than for spring wheat, spring wheat is produced primarily in regions

where winter wheat production is infeasible, where frozen soil kills the wheat plants, or where winters are too warm. Countries with mild winters, such as Argentina, Australia, and Brazil, produce spring wheat but plant in the fall rather than in the spring.

Wheat Production

Because of differences in soil types and climates, wheat produced in one country generally differs from that produced in other countries. The United States produces hard, soft, and durum wheats. Hard wheat produced in the United States is further divided into hard red winter (HRW) and hard red spring (HRS) wheat and soft wheat into soft red winter (SRW) and white wheat. SRW wheat is produced in the Corn Belt and Southern states. HRS and durum wheat are grown in the Northern Plains, mainly North Dakota, which produces about 80% of durum wheat and 60% of HRS wheat produced in the United States. HRW wheat is grown primarily in the Central Plains, particularly Kansas and Oklahoma. White wheat, a type of soft wheat, is grown in the Pacific Northwest, Michigan, and New York. Average U.S. wheat production for the 1995-1999 period was 64.3 million tons with 26.8 million tons in HRW, 13.8 million tons in HRS, 12.2 million tons in SRW, 8.5 million tons in white wheat, and 3.0 million tons in durum wheat (Table 1).

Table 1. Wheat Production by Class, 1995-1999 Average Production

Country/class	1995	1996	1997	1998	1999	Average	Share
	------(1,000 mt)-----						(%)
Argentina							
Common	8,600	15,904	14,820	11,498	13,978	12,960	2.2
Australia							
Common	16,623	23,694	19,385	20,965	23,040	20,741	3.6
Canada							
All	24,289	30,213	26,448	25,449	26,359	26,552	4.6
Common	20,702	25,586	22,535	21,297	23,184	22,661	3.9
Durum	3,587	4,627	3,913	4,152	3,175	3,891	0.7
European Union							
All	86,593	94,683	94,338	98,062	95,627	93,861	16.2
Common	78,793	86,433	86,537	89,446	87,053	85,652	14.8
Durum	7,800	8,250	7,801	8,616	8,574	8,208	1.4
United States							
All	59,485	62,196	67,542	69,418	62,667	64,262	11.1
Hard Red Winter	22,444	20,734	29,894	32,174	28,715	26,792	4.6
Hard Red Spring	12,936	17,172	13,372	13,249	12,191	13,784	2.4
Soft Red Winter	12,237	11,486	12,847	12,047	12,341	12,192	2.1
White	9,085	9,654	9,039	8,016	6,717	8,502	1.5
Durum	2,784	3,160	2,390	3,841	2,703	2,976	0.5
Other Producers							
All	342,956	356,051	386,797	362,510	363,011	362,265	62.4
Total world							
All	538,547	582,751	609,330	587,811	584,682	580,624	

Source: FAO Stat, International Grains Council, Canadian Wheat Board

The majority of Canadian wheat is produced in Saskatchewan, southwestern Manitoba, and southeastern Alberta. Canada produces primarily a hard red spring wheat (Canadian Western Red Spring) and durum wheat. Average Canadian wheat production for the 1995-1999 period included 22.7 million tons of HRS and 3.9 million tons of durum wheat (Table 1).

The E.U. produced an annual average of 85.7 million tons of a soft wheat and 8.2 million tons of durum wheat during the 1995-1999 period. France accounted for 40% of soft wheat production in the E.U. in 1995. Germany and the United Kingdom are also major producers. The majority of durum is produced in Italy, Greece, and France. Italy accounted for nearly 60% of E.U. durum production in 1995, followed by Greece (22%) and France (13%).

Australia primarily produces a winter wheat which is similar to HRW wheat in terms of quality and characteristics. Australian average wheat production amounted to 20.7 million tons for the 1995-1999 period. Wheat production is concentrated in the eastern Australian states of New South Wales and Victoria.

Argentina produces a wheat with characteristics of both soft and hard wheat. Argentina's average wheat production amounted to 13.0 million tons for the 1995-1999 period.

Wheat Consumption and Imports

Different wheat classes have their preferred uses. Hard wheat flour has excellent bread baking properties; soft wheat flour is well-suited for cakes, cookies, and Asian noodles; and durum wheat is used for pasta products and couscous. However, since different types of wheat can be blended to produce flours with certain characteristics, some substitution among wheat classes is possible in flour milling.

Although wheat is used primarily for human consumption, it is also an excellent feed grain for poultry and livestock. Feed use of wheat tends to be highly variable and depends on the quality of wheat crop and on the price relationship between wheat and other feed grains. Generally, only lower quality wheat is used for feed and differences among wheat classes are not important for feeding purposes. Wheat is a differentiated product only for human consumption.

Major importing countries or regions include Algeria, Brazil, China, Egypt, Japan, Mexico, Morocco, South Korea, Taiwan, Tunisia, and Venezuela (Table 2). Most of these importing countries use various types of barriers to restrict inflow of wheat to their countries. China has been the largest importer of wheat, followed by Brazil and Japan. However, China's wheat imports have been highly volatile, depending upon its domestic wheat production and import policies. China recently reduced wheat imports substantially, from 12.0 million tons in 1995 to 0.9 million tons in 1997.

Trade flows of wheat from exporting countries to importing countries are shown in Figure 1. The E.U. and the United States are major exporters of wheat, but they also import considerable amounts of wheat. The United States imports wheat from Canada, while the E.U. imports wheat from the United States, Canada, Argentina, and Australia.

Table 2. Wheat Imports by Country, 1995 - 1999 Average Imports

Country	1995	1996	1997	1998	1999	Average	Share
	----- (1,000 mt)-----						(%)
Algeria	3,000	4,800	4,880	4,400	4,500	4,316	3.6
Brazil	5,300	5,565	5,700	7,006	7,004	6,115	5.1
China	11,980	1,910	900	980	950	3,344	2.8
Egypt	6,000	6,847	7,300	7,400	6,710	6,851	5.7
Japan	5,900	6,264	6,200	6,000	5,900	6,053	5.0
Korea	2,500	3,465	3,917	4,684	4,500	3,813	3.2
Mexico	1,250	1,792	2,050	2,100	2,100	1,858	1.5
Morocco	2,350	1,504	2,765	1,470	2,765	2,171	1.8
Former Soviet Union	4,790	1,870	2,570	3,070	2,200	2,900	2.4
United States	1,805	2,504	2,422	2,585	2,177	2,299	1.9
Others	71,703	83,448	84,340	79,960	83,897	80,670	67.0
Total World	116,578	119,969	123,044	119,655	122,703	120,390	

Source: FAO Stat, International Grains Council, Canadian Wheat Board

Wheat Exports

The major wheat exporting countries, the United States, Canada, the E.U., Australia, and Argentina, supply approximately 70% of the wheat traded in the world market. The United States is the largest exporter, followed by Canada and the E.U. (Table 3). The U.S. leads in exports of HRW and SRW wheats; an annual average of 29.3 million metric tons of all wheat were exported in 1995-99, of which 15.2 million tons were HRW and SRW; another 7.3 million tons were HRS. The United States competes with the E.U. for market share of SRW wheat exports. Major U.S. markets for SRW wheat include China, West Asia, and the North African Markets. E.U. markets for SRW wheat include the FSU, China, West Asia, and North African markets.

Canada is the leader in exports of HRS and durum wheat. The United States also exports HRS and durum wheat, and competes with Canada. The E.U. competes with the United States and Canada for market share of durum wheat exports. Major U.S. markets for HRS wheat include Southeast Asia and East Asia, including Japan and South Korea. Major Canadian markets for HRS wheat include China, the FSU, and the east Asian markets. The United States, Canada, and the E.U. intensely compete for the North African durum markets.

Australia and Argentina compete with the United States in exporting HRW wheat. Major U.S. markets for HRW wheat include the FSU, China, and East Asia. Argentina exports HRW wheat mainly to South America and West Asia. Australia's major markets are the North African countries, China, the FSU, and West Asia.

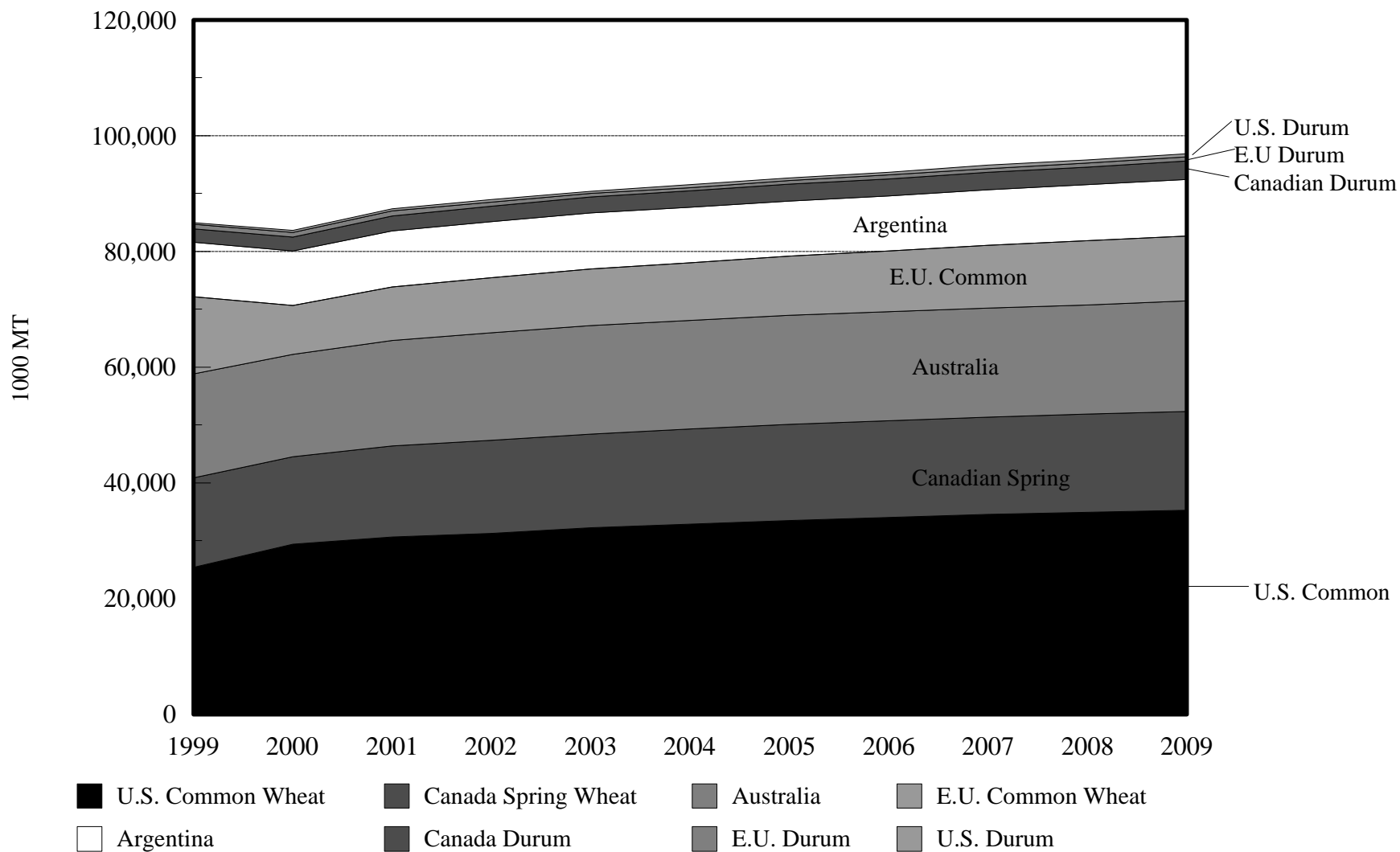


Figure 1. World Wheat Trade, 1999 to 2009

Table 3. Wheat Exports by Class, 1995 - 1999 Average Exports

Country/class	1995	1996	1997	1998	1999	Average	Share
------(1,000 mt)-----							
(%)							
Argentina							
All	4,300	10,167	9,980	7,773	9,453	8,335	6.9
Australia							
All	12,500	19,479	15,638	15,935	18,015	16,313	13.4
Canada							
All	14,732	16,594	17,386	17,980	17,751	16,889	13.9
Common	12,500	12,500	14,000	14,800	15,459	13,852	11.4
Durum	2,232	4,094	3,386	3,180	2,292	3,037	2.5
European Union							
All	10,610	12,025	14,595	10,903	14,043	12,435	10.2
Common	9,979	12,325	14,095	10,103	13,243	11,949	9.8
Durum	631	(300)	500	800	800	486	0.4
United States							
All	33,781	27,259	28,318	28,372	28,579	29,262	24.1
Hard Red Winter	10,455	7,790	9,750	12,330	13,337	10,732	8.8
Hard Red Spring	8,982	8,165	6,532	6,728	5,988	7,279	6.0
Soft Red Winter	6,805	3,811	4,899	2,847	4,083	4,489	3.7
White	6,478	6,451	5,580	5,392	4,083	5,597	4.6
Durum	1,062	1,042	1,557	1,075	1,089	1,165	1.0
Others							
All	41,134	39,869	36,937	38,024	35,931	38,379	31.6
Total							
All	117,057	125,393	122,854	118,987	123,772	121,613	

Source: FAO Stat, International Grains Council, Canadian Wheat Board

OUTLOOK FOR THE WORLD WHEAT INDUSTRY

Total world wheat trade is projected to increase 13.9% from 85.0 million metric tons in 1999 to 96.8 million metric tons in 2009 (Figure 1). Except for E.U. common and durum wheat, trade of all wheat classes is expected to increase for the 1999-2009 period. The E.U. exports could decrease, mainly because reductions in E.U. subsidies under WTO will make E.U. wheat production less competitive. Durum wheat production in Canada is predicted to increase faster than in other countries.

The wheat export price of U.S. common wheat is projected to increase gradually 23.0%, from \$124.2 per metric ton in 1999 to \$152.8 per metric ton in 2009 (Figure 2). The price of U.S. durum wheat is projected to increase 36% from \$145.5 per metric ton in 1999 to \$198.8 per metric ton in 2009. However, increases in the prices are expected to be small for the next 2-3 years.

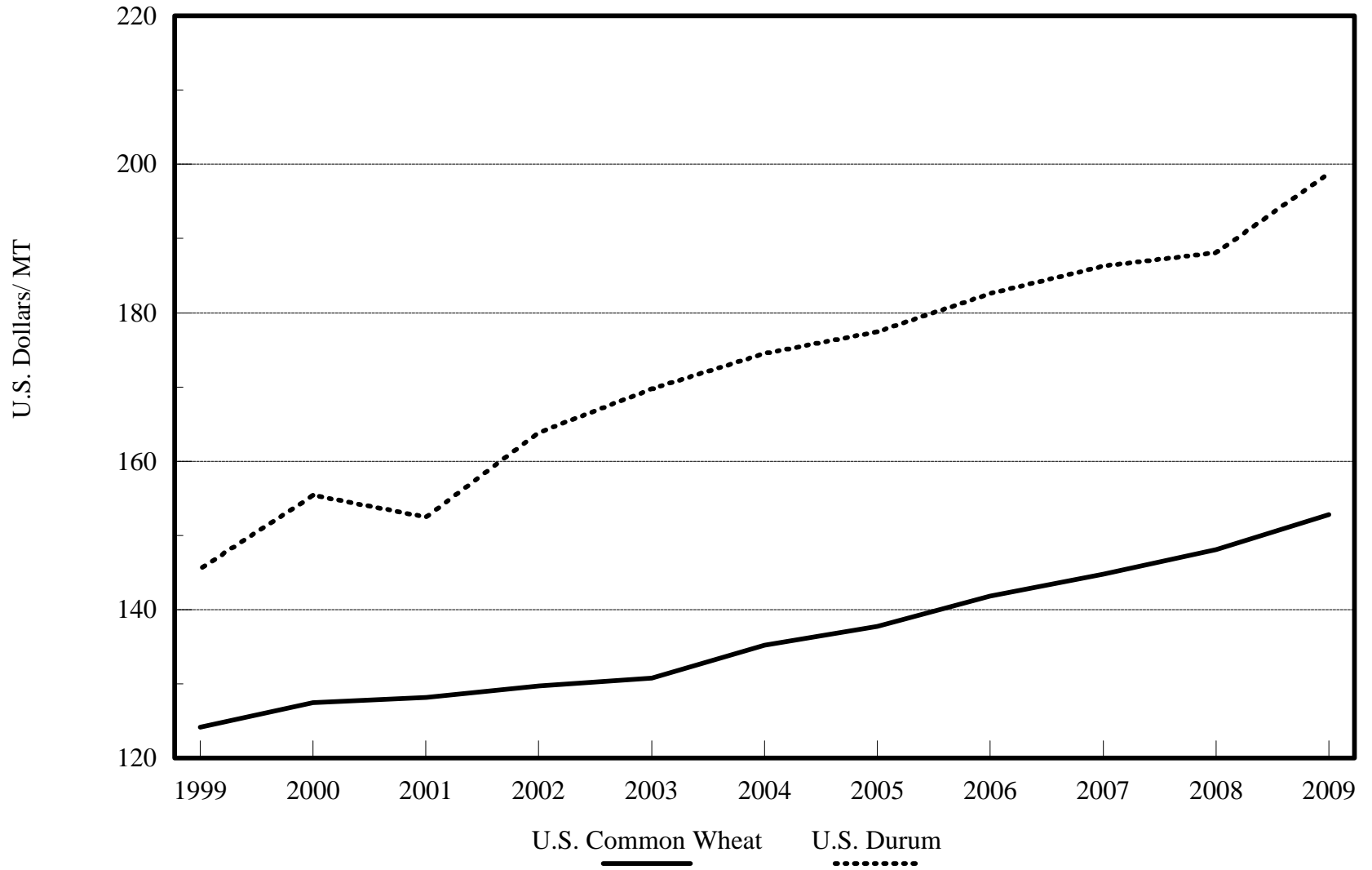


Figure 2. U.S. Wheat Export Prices, 1999 to 2009

United States

Table 4 shows wheat production, consumption, exports, and ending stocks in the United States. Total U.S. wheat production is expected to grow 15.1% from 1999 to 2009. Production of each class of wheat in 1999 is slightly smaller than the 3-year average production of the wheat class. For the 1999-2009 period, the largest increases in production occur for U.S. white wheat (26.5%), followed by HRS wheat (20.6%), and durum (19.5%). U.S. SRW wheat production increases by only 9.3%. Changes in production of different classes of wheat over the 1999-2009 period are shown in Figure 3. For all classes of wheat, production is expected to increase throughout the forecast period.

Table 4. Wheat Production, Consumption, Exports, and Carry-over Stocks in the United States

	Average (1997-1999)	1999	2009	% Change (1999-2009)
-----thousand metric tons-----				
<u>Production</u>				
Common	63,565	59,965	68,990	15.1
White	7,954	6,717	8,500	26.5
SRW	12,412	12,341	13,487	9.3
HRW	30,267	28,715	32,305	12.5
HRS	12,938	12,191	14,698	20.6
Durum	2,978	2,703	3,231	19.5
<u>Consumption</u>				
Common	33,415	33,125	33,604	1.5
Durum	2,273	2,341	2,695	15.1
<u>Exports</u>				
Common	28,932	25,370	35,299	39.1
Durum	372	326	544	66.7
<u>Carry over</u>				
Common	14,407	14,614	17,858	22.2
Durum	1,433	1,786	1,693	-5.2

Total wheat harvested area is expected to increase from 53.9 million acres in 1999 to 61.0 million acres in 2009, and average yield is predicted to increase from 42.8 bushels per acre to 43.5 bushels per acre. Hard red spring wheat area is predicted to increase 2.5 million acres, and U.S. durum area is expected to increase 2.1 million acres.

U.S. wheat consumption is projected to grow 1.5% for common wheat and 15.1% for U.S. durum wheat for the 1999-2009 period (Figure 4). Durum consumption is expected to grow faster because of the popularity of pasta products in the United States.

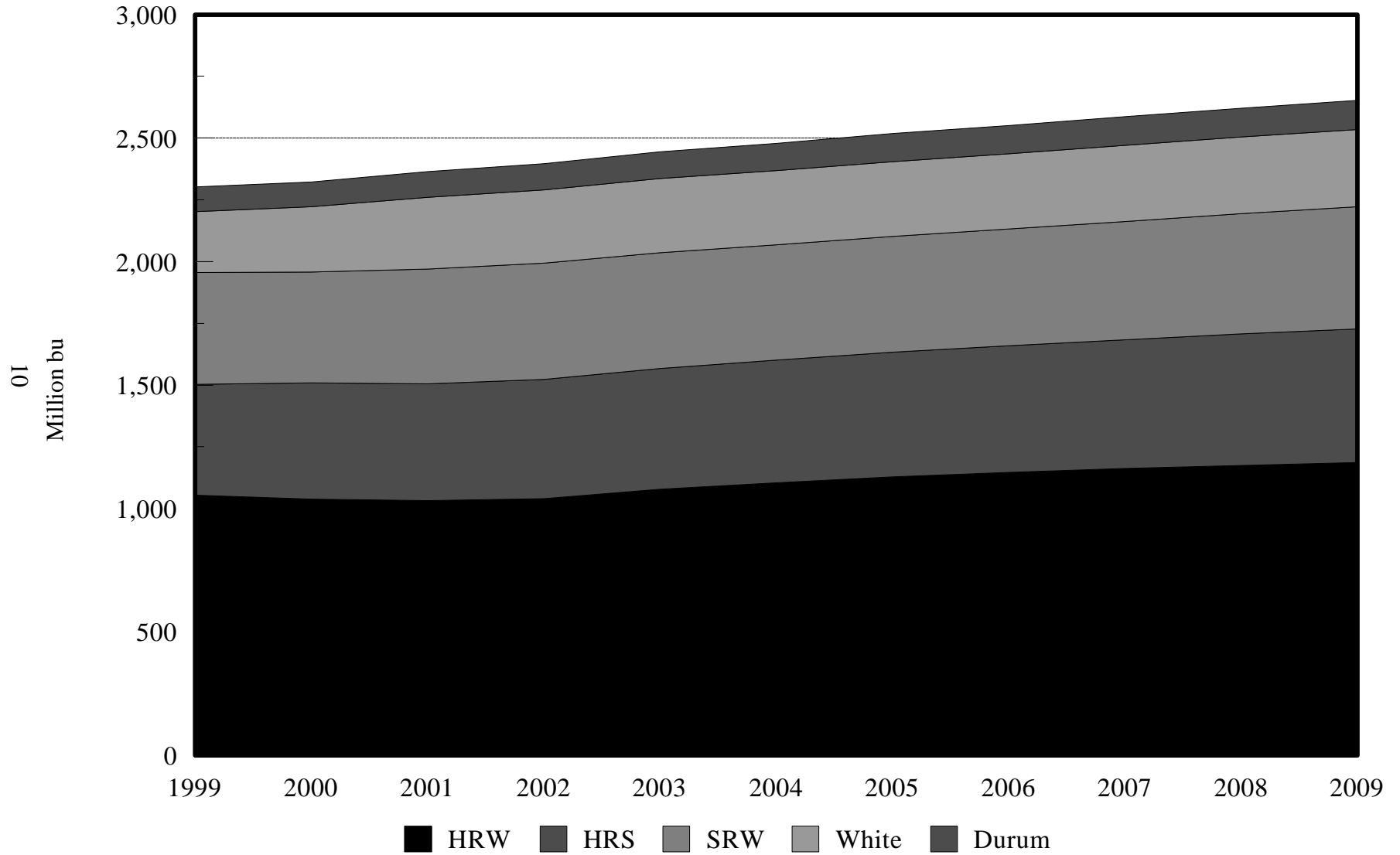


Figure 3. U.S. Wheat Production, 1999 to 2009

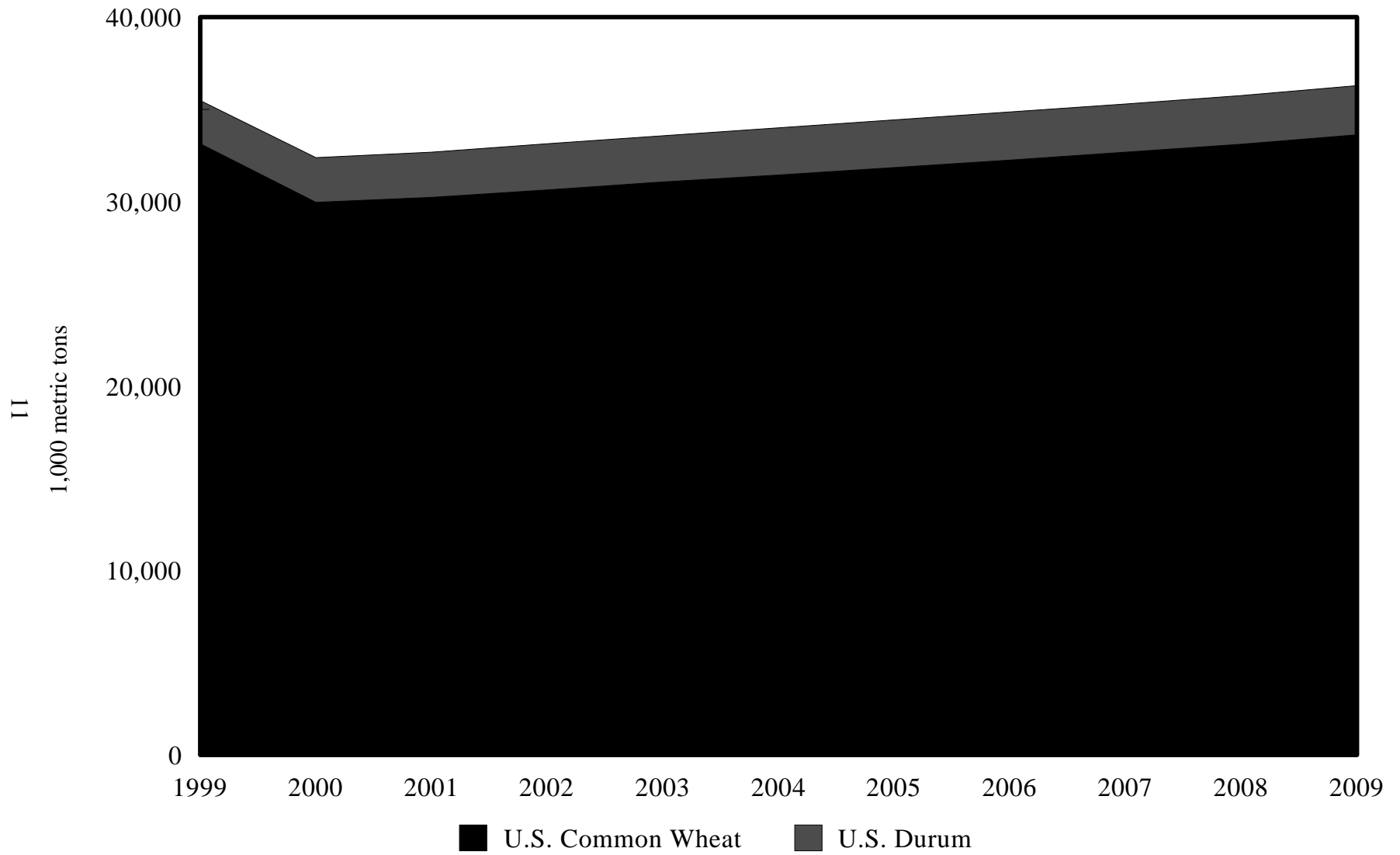


Figure 4. U.S. Domestic Wheat Consumption, 1999-2009

U.S. durum exports are projected to increase 66.1% from 326 thousand metric tons in 1999 to 544 thousand metric tons to 2009, which is 46.2% higher than the 3-year average export from 1997 to 1999. Common wheat exports are predicted to increase gradually from 25.4 million metric tons in 1999 to 35.3 million metric tons in 2009 (Figure 5).

Ending stocks are expected to increase for common wheat but decrease for durum wheat. Total ending stocks for common wheat are predicted to increase 22.2% for the 1999 -2009 period and decrease 5.2% for durum wheat (Figure 6).

Canada

The predicted production, consumption, and exports of CWRS and CWAD wheat in 1999 are larger than the 3-year averages (Table 5). Canadian WRS and WAD wheat production are predicted to increase 7.6% and 34.4%, respectively, for the 1999-2009 period. Total area for WRS wheat is expected to increase from 9.2 million hectares in 1999 to 10.3 million hectares in 2009, while WAD wheat area is expected to increase from 1.35 million hectares in 1999 to 1.76 million hectares in 2009.

Domestic consumption of WRS and WAD wheat is predicted to increase 5.3% and 6.9%, respectively, for the 1999-2009 period. Canadian WRS wheat exports are projected to increase 10.2% by 2009, and WAD wheat exports are predicted to increase 35.5% from 2.3 million metric tons in 1999 to 3.1 million metric tons in 2009.

Ending stocks are predicted to increase 7.4% for WRS wheat and increase 10.6% for WAD wheat for the 1999-2009 period.

Figure 7 shows changes in production, consumption, exports, and ending stocks of WRS wheat in Canada from 1999 to 2009, and Figure 8 shows those for WAD wheat. Consumption, exports, and ending stock of WRS and WAD wheat increase gradually throughout the period.

European Union

Table 6 presents production, consumption, exports, and ending stocks of common and durum wheat in the E.U. for the 1999-2009 period. Common wheat production in the E.U. is predicted to increase 0.4% from 1999 to 2009, while durum wheat production is expected to increase 4.7%.

Domestic consumption of common wheat is projected to decrease 0.9% from 76.7 million metric tons in 1999 to 76.0 million metric tons in 2009. However, consumption of durum wheat is predicted to increase for the period. Exports of both wheat classes are predicted to decrease 14.8% for common wheat and 7.3% for durum wheat for the 1999-2000 period. Ending stocks for common wheat are expected to increase, while those for durum wheat are expected to decrease.

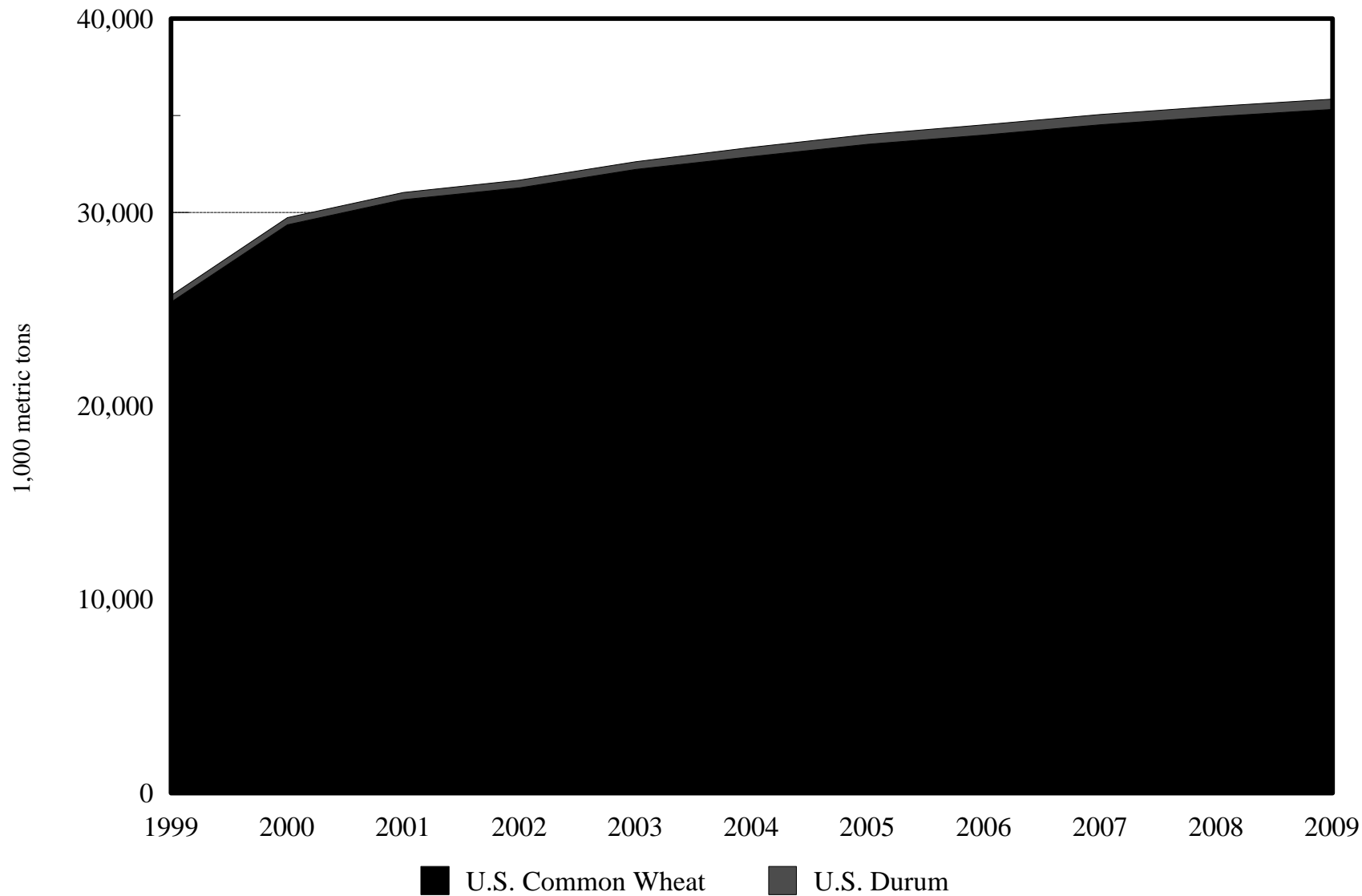


Figure 5. U.S. Wheat Exports, 1999 to 2009

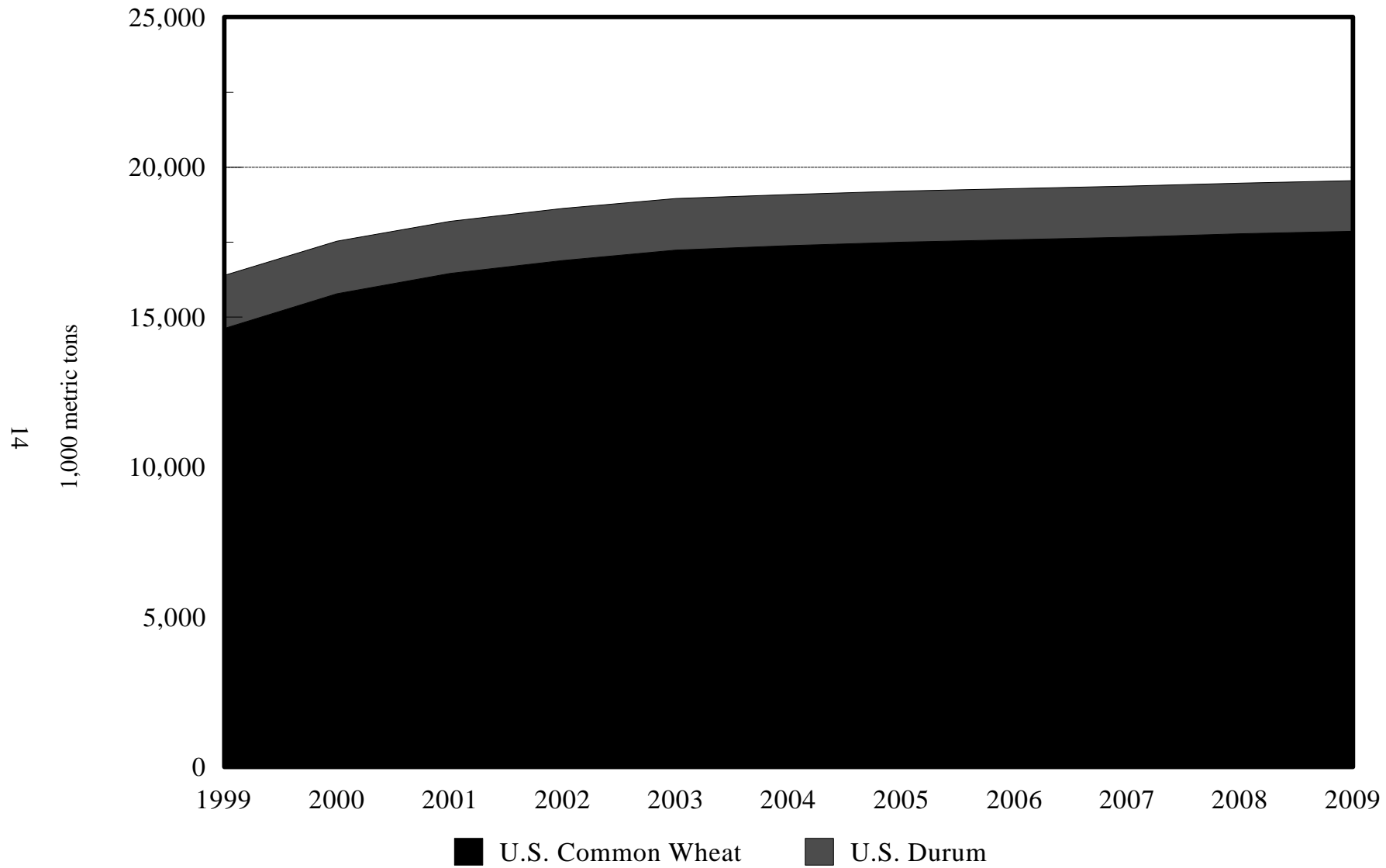


Figure 6. U.S. Wheat Ending Stocks, 1999 to 2009

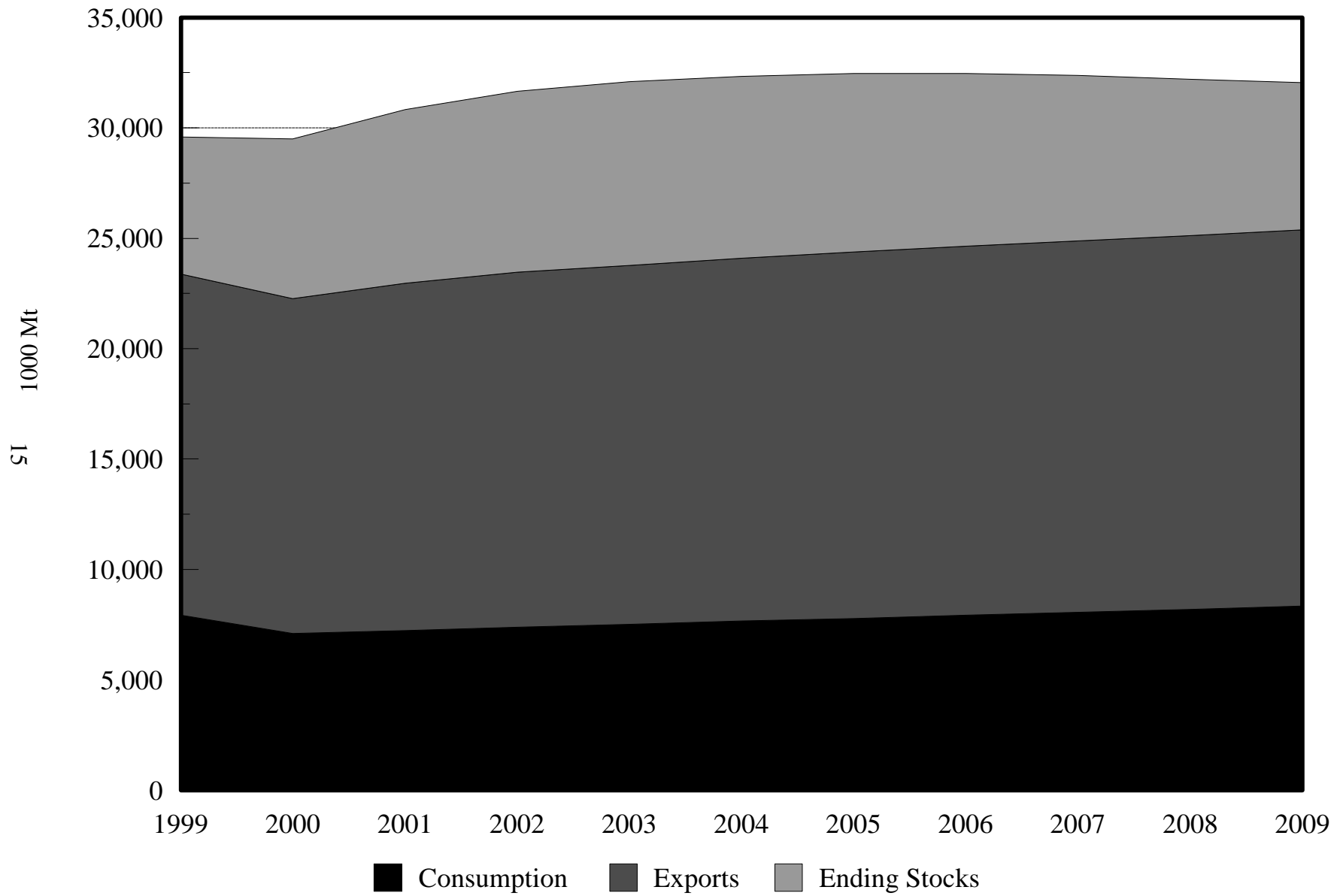


Figure 7. Canadian Western Red Spring Wheat Production and Utilization, 1999 to 2009

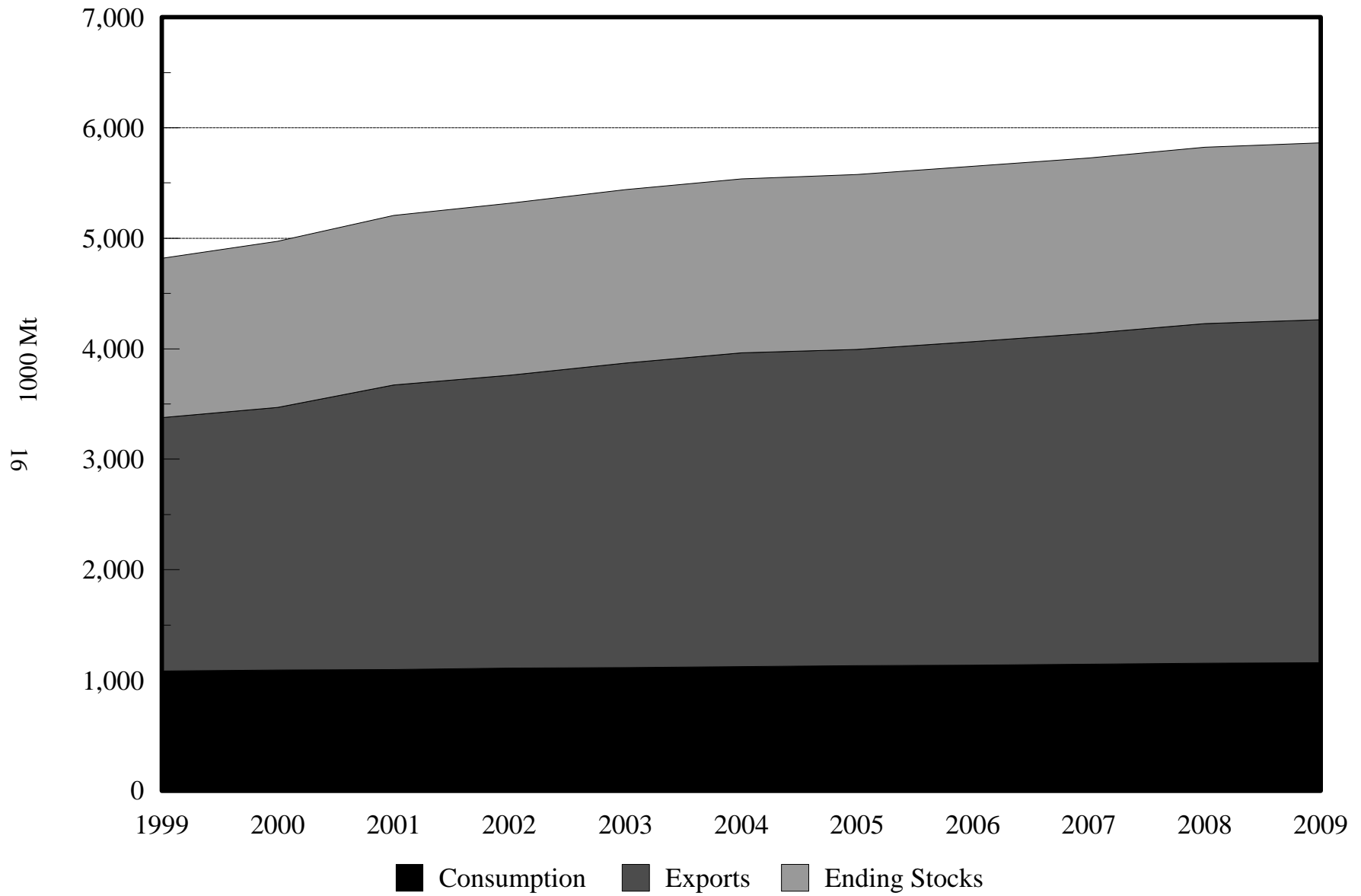


Figure 8. Canadian Western Amber Durum Wheat Production and Utilization, 1999 to 2009

Table 5. Wheat Production, Consumption, Exports, and Carry-over Stocks in Canada

	Average (1997-1999)	1999	2009	% Change (1999-2009)
-----thousand metric tons-----				
<u>Production</u>				
WRS	22,339	23,184	24,938	7.6
WAD	3,747	3,175	4,267	34.4
<u>Consumption</u>				
WRS	7,206	7,925	8,342	5.3
WAD	1,080	1,083	1,158	6.9
<u>Exports</u>				
WRS	14,753	15,459	17,038	10.2
WAD	2,953	2,292	3,106	35.5
<u>Carry over</u>				
WRS	6,327	6,200	6,657	7.4
WAD	1,597	1,445	1,598	10.6

Table 6. Wheat Production, Consumption, Exports, and Carry-over Stocks in the European Union

	Average (1997-1999)	1999	2009	% Change (1999-2009)
-----thousand metric tons-----				
<u>Production</u>				
Common	87,679	87,053	87,376	0.4
Durum	8,330	8,574	8,973	4.7
<u>Consumption</u>				
Common	76,791	76,740	76,048	-0.9
Durum	7,800	7,900	8,217	4.0
<u>Exports</u>				
Common	12,480	13,243	11,282	-14.8
Durum	700	800	724	-7.3
<u>Carry over</u>				
Common	16,638	14,900	16,227	8.9
Durum	2,969	4,490	3,950	-18.7

Figures 9 and 10 show changes in consumption, exports, and ending stocks of common and durum wheat, respectively, for the 1999-2009 period. For common wheat, production and ending stocks are expected to increase gradually, while exports are expected to decrease. Production and consumption of durum wheat are predicted to increase for the period, while exports and ending stocks to decrease.

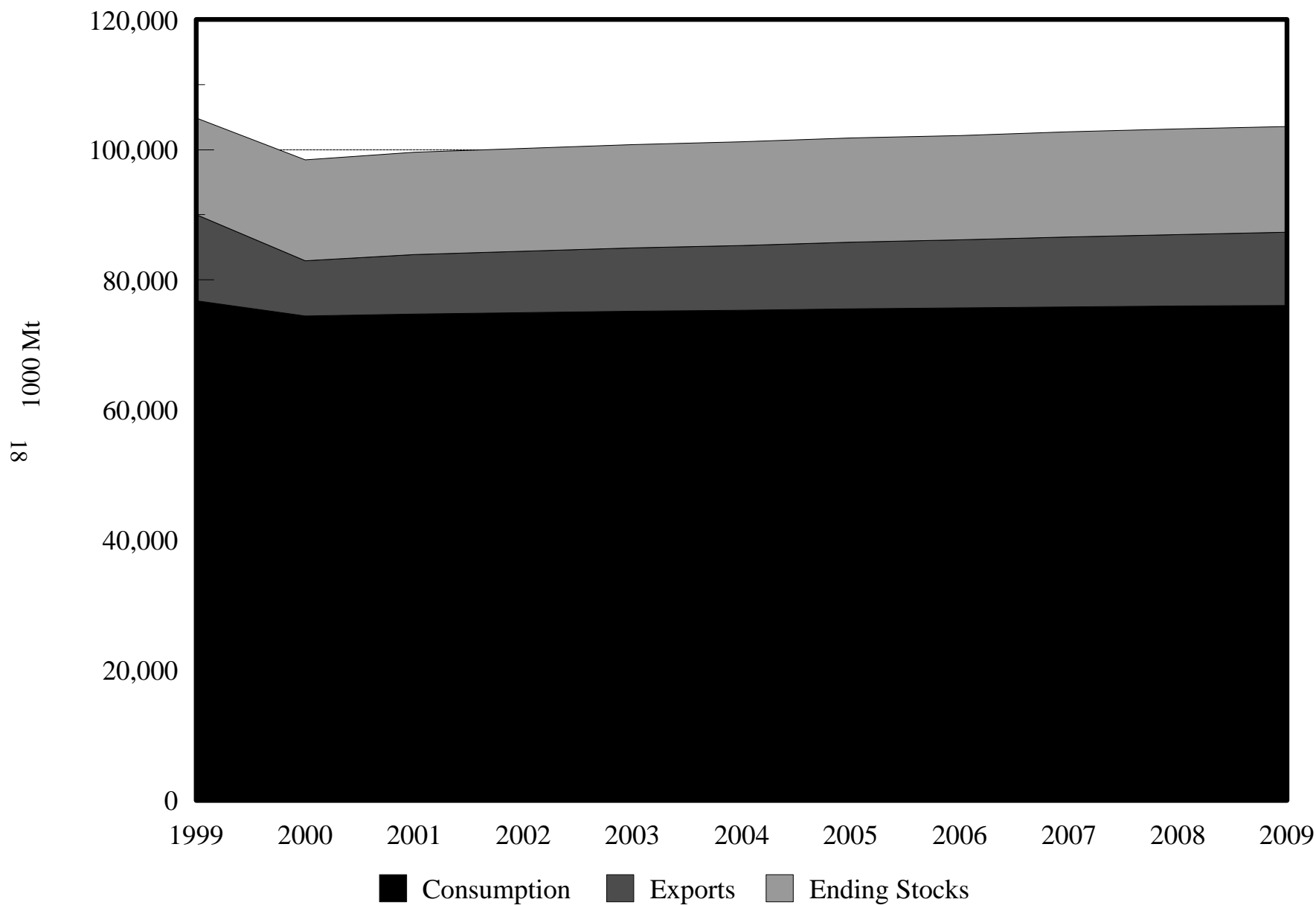


Figure 9. E.U. Common Wheat Production and Utilization, 1999 to 2009

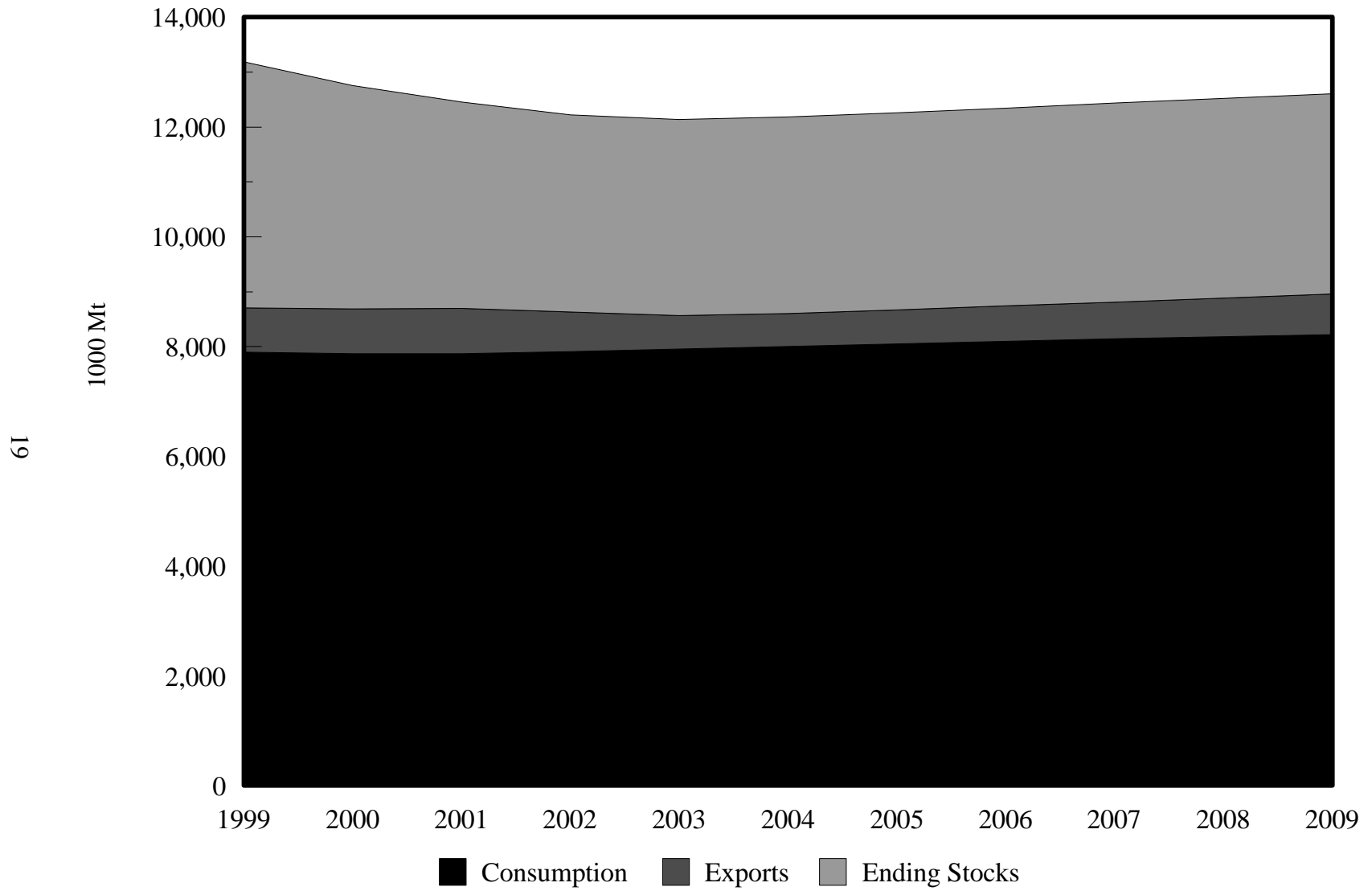


Figure 10. E.U. Durum Wheat Production and Utilization, 1999 to 2009

Australia

Australia's wheat production is projected to grow 6.2% over the 1999-2009 period (Table 7). Yields are expected to increase gradually at the historical trend line, while wheat area is expected to increase 2.5%. Domestic wheat consumption is predicted to increase 7.4% from 5.1 million metric tons in 1999 to 5.5 million metric tons in 2009. Wheat exports also are predicted to increase from 18.0 million metric tons in 1999 to 19.1 million metric tons in 2009. Figure 11 shows changes in consumption, exports, and ending stocks for the 1999-2009 period.

Table 7. Wheat Production, Consumption, Exports, and Carry-over Stocks in Australia

	Average (1997-1999)	1999	2009	% Change (1999-2009)
	-----thousand metric tons-----			
Production	21,130	23,040	24,462	6.2
Consumption	5,078	5,100	5,478	7.4
Exports	16,529	18,015	19,070	5.9
Carry over	1,358	1,325	3,213	142.5

Argentina

Argentine wheat production is projected to increase 8.6% from 14.0 million metric tons in 1999 to 15.2 million metric tons in 2009 (Table 8). Domestic wheat consumption is expected to increase 19.8% from 4.5 million metric tons to 5.4 million metric tons. Wheat exports are predicted to increase from 9.5 million metric tons in 1999 to 9.8 million metric tons in 2009, a 3.3% increase. Ending stocks also are expected to increase 45.0%. Figure 12 shows changes in consumption, exports, and ending stocks for the 1999-2009 period.

Table 8. Wheat Production, Consumption, Exports, and Carry-over Stocks in Argentina

	Average (1997-1999)	1999	2009	% Change (1999-2009)
	-----thousand metric tons-----			
Production	13,432	13,978	15,184	8.6
Consumption	4,403	4,525	5,420	19.8
Exports	9,069	9,453	9,761	3.3
Carry over	440	300	435	45.0

Importing Countries

Importing countries are grouped into the Asian region (China, Japan, Korea, and Taiwan), the African region (Algeria, Egypt, Morocco, and Tunisia), Latin America (Mexico, Brazil, and Venezuela), and the FSU (Table 9).

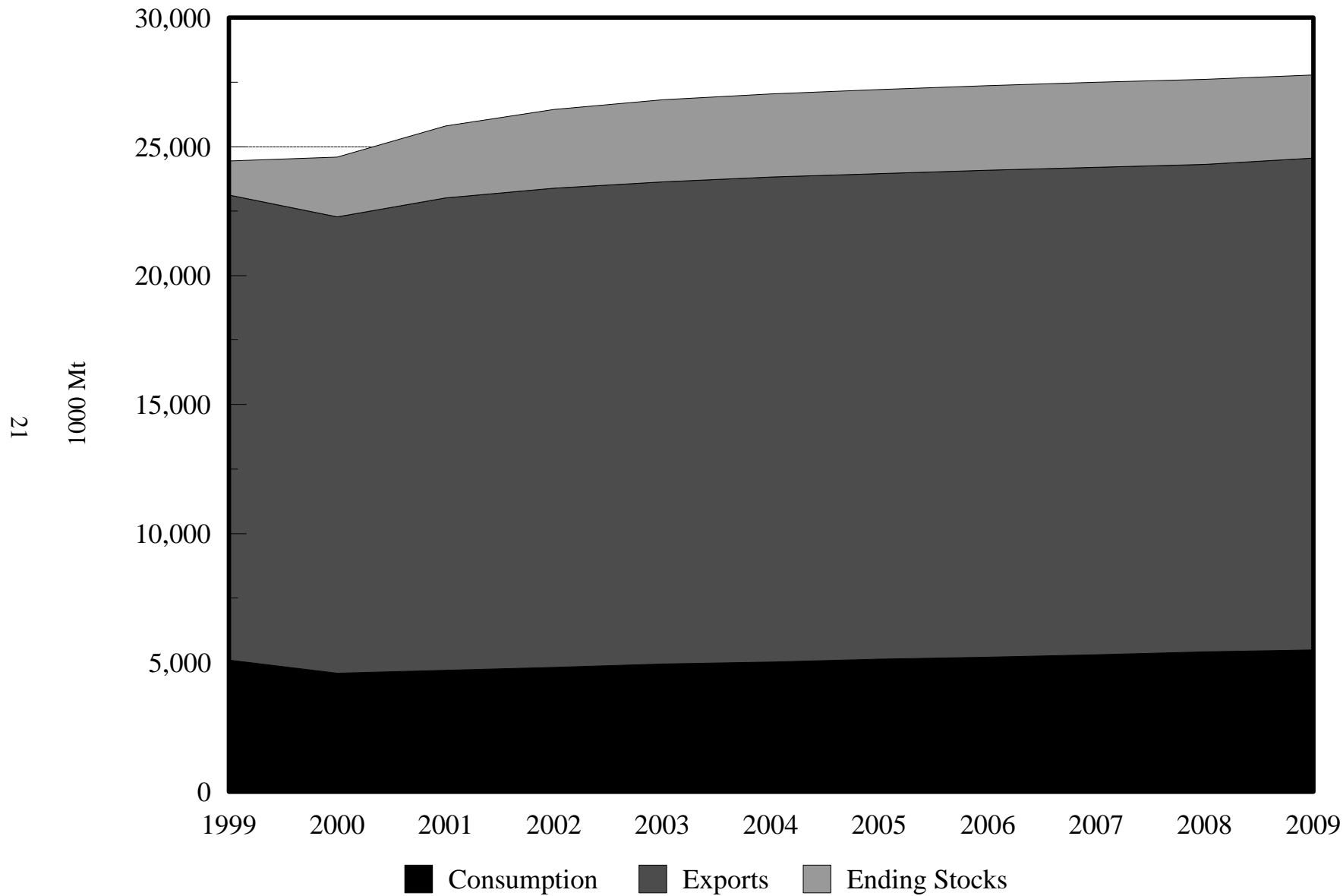


Figure 11. Australia Common Wheat Production and Utilization, 1999 to 2009

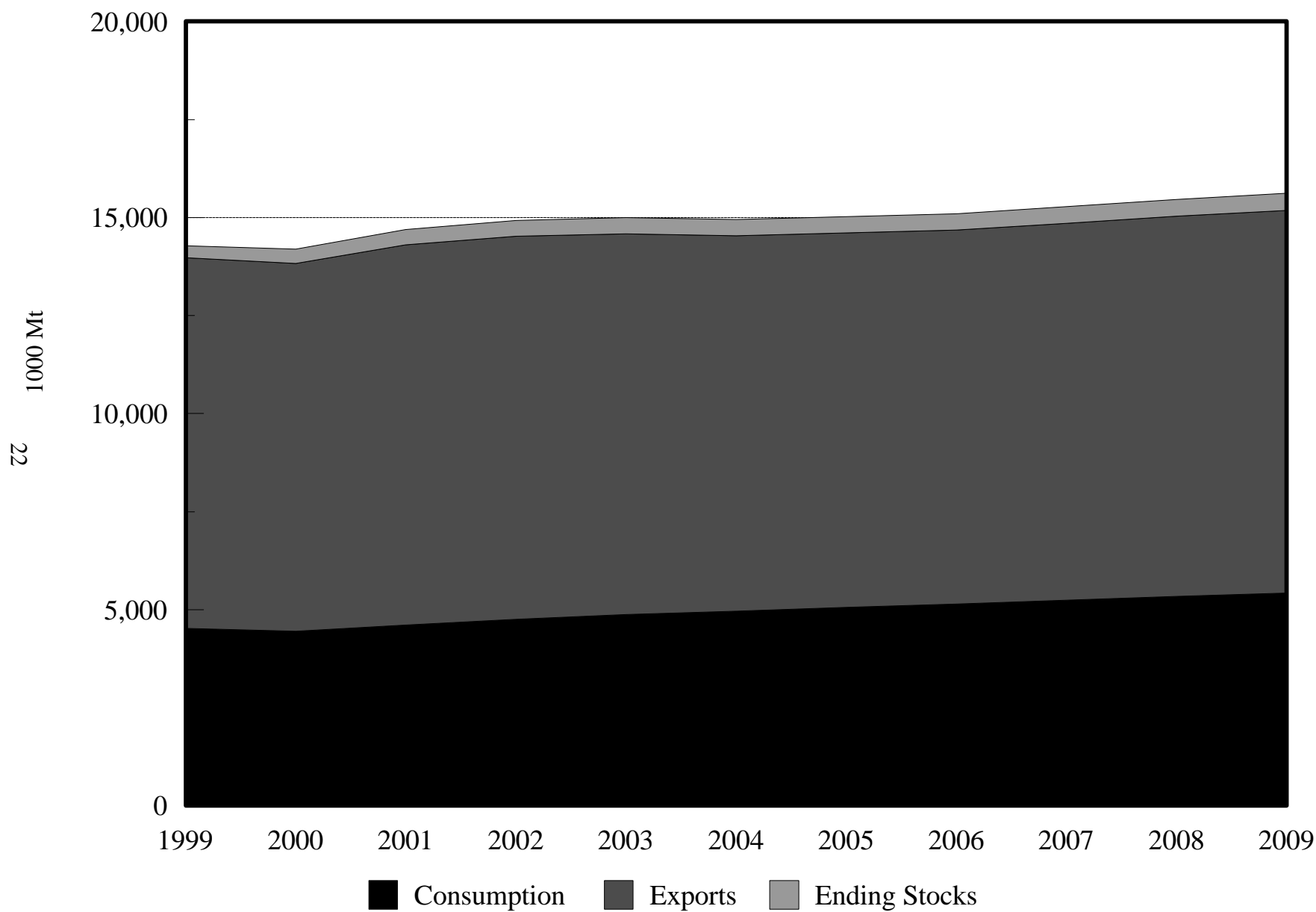


Figure 12. Argentina Common Wheat Production and Utilization, 1999 to 2009

Table 9. Imports of Common and Durum Wheat by Major Importing Countries

Wheat Class	Average (1997-99)	1999	2009	% Change (1999-2009)
-----thousand metric tons-----				
<u>Former Soviet Union</u>				
Common	2,593	2,179	2,008	-7.9
Durum	20	21	21	0.0
<u>Asia</u>				
China	943	950	1,886	98.5
Korea	4,369	4,500	5,077	12.8
Japan	6,033	5,900	6,421	8.8
Taiwan	1,009	1,000	1,230	23.0
<u>North Africa</u>				
Algeria Common	2,900	3,000	3,752	25.1
Algeria Durum	1,667	1,500	1,900	26.7
Morocco Common	2,333	2,765	2,502	-9.5
Egypt Common	7,137	6,700	9,035	34.7
Tunisia Common	785	600	978	63.0
Tunisia Durum	400	400	475	18.8
<u>Latin America</u>				
Brazil Common	6,570	7,004	8,064	15.1
Mexico Common	2,083	2,100	2,747	30.8
Venezuela Common	944	950	1,183	24.5
Venezuela Durum	317	325	386	18.8

Asian Importers

Asian imports of wheat are projected to increase 18.3% between 1999 and 2009. Chinese imports of common wheat are projected to increase 98.5% from 1.0 million metric tons to 1.9 million metric tons for the 1999-2009 period. However, China may import more wheat if China reduces its tariffs on wheat based on its trade negotiations with the United States and the E.U. for its membership in the WTO. Japan's, Korea's, and Taiwan's imports are projected to increase 8.8%, 12.8%, and 23.0%, respectively, for the 1999-2009 period (Figure 13).

Former Soviet Union

Total imports of wheat are projected to decrease 7.9% in the FSU for the 1999-2000 period. Imports of durum wheat are projected to remain constant (Figure 14).

African Region

North African imports of wheat are projected to increase 24.6% between 1999 and 2009. Egyptian imports of common wheat are projected to increase 34.7% from 6.7 million metric tons to 9.0 million metric tons between 1999 and 2009. Algeria is expected to import both common

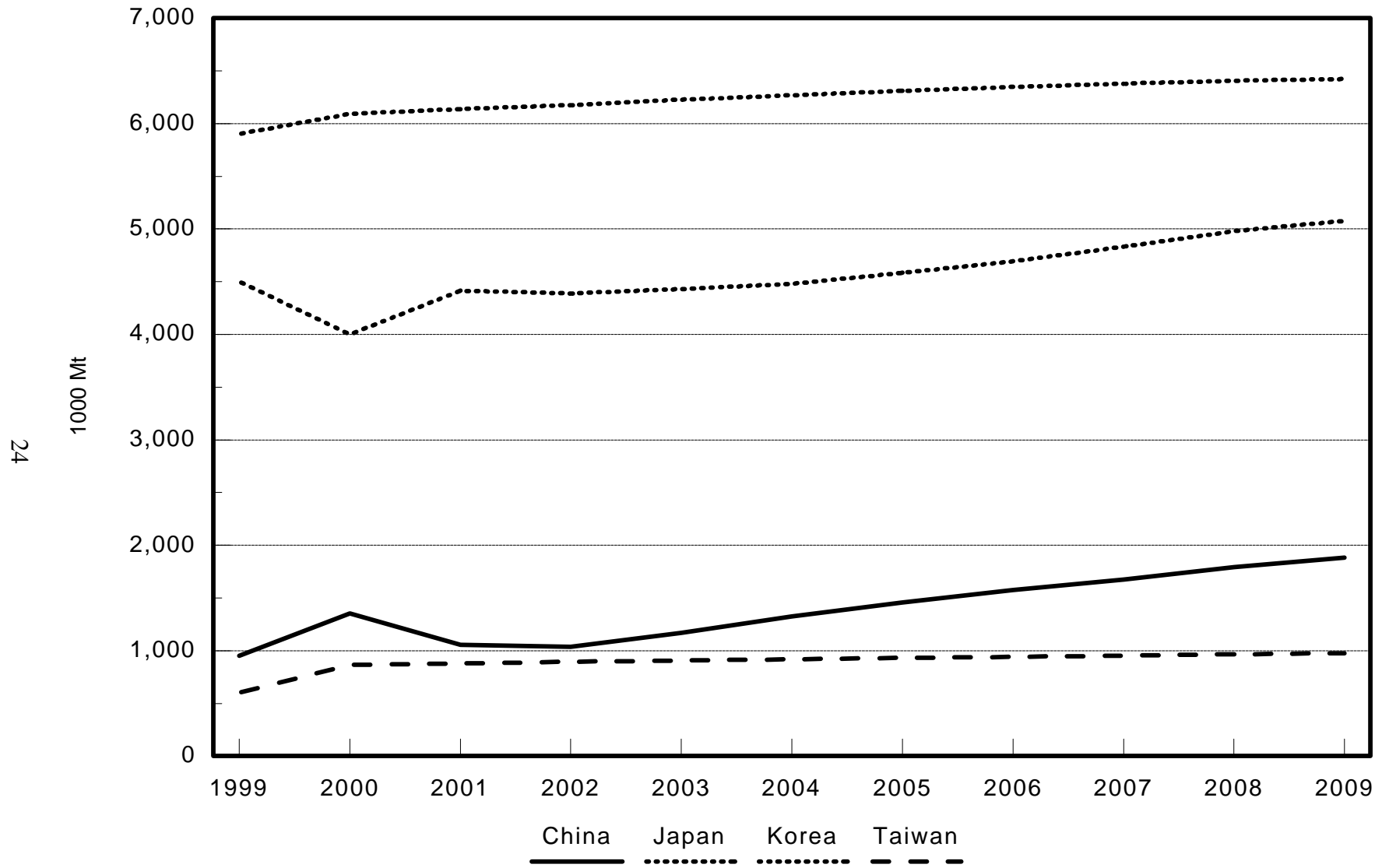


Figure 13. Common Wheat Imports by Major Asian Countries, 1999 to 2009

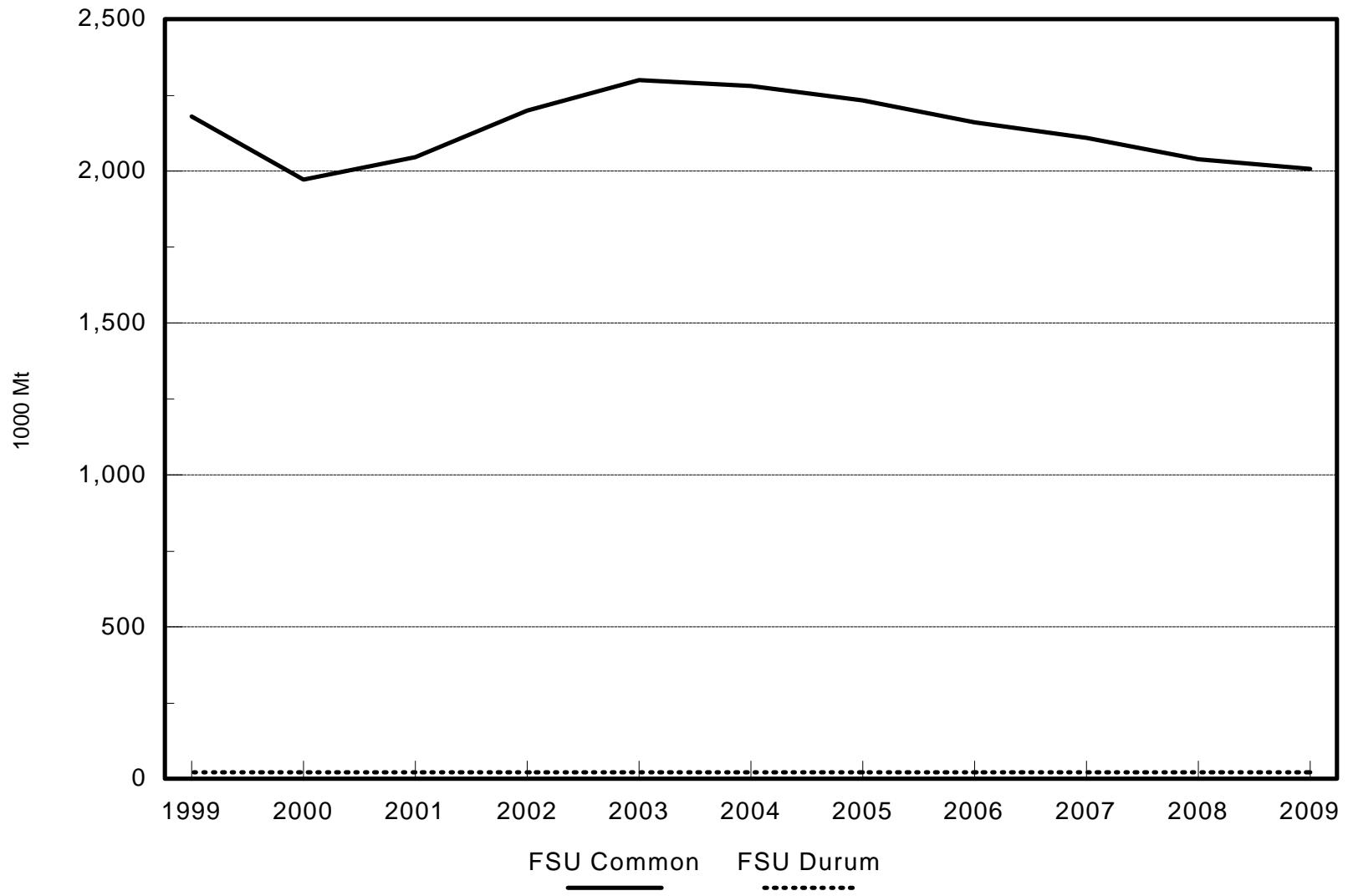


Figure 14. Common and Durum Wheat Imports by Former Soviet Union, 1999 to 2009

wheat and durum wheat. Algerian imports of common wheat are projected to increase 25.1% from 3.0 million metric tons in 1999 to 3.8 million metric tons in 2009, and durum wheat imports are projected to increase 26.7% from 1.5 million metric tons to 1.9 million metric tons. Morocco's imports of common wheat are projected to decrease 9.5% from 2.7 million metric tons to 2.5 million metric tons. Tunisian imports of common wheat are projected to increase 63.0% from 0.6 million metric tons to 1.0 million metric tons between 1999 and 2009. Its durum wheat imports are projected to increase 18.8% from 0.4 million metric tons to 0.5 million metric tons between 1999 and 2009 (Figure 15).

Latin America

Mexican imports are projected to increase 30.8% from 2.1 million metric tons in 1999 to 2.7 million metric tons in 2009. Venezuela is expected to import more common and durum wheat. Common wheat imports are projected to increase 24.5% from 1.0 million metric tons in 1999 to 1.2 million metric tons in 2009, and durum wheat imports are projected to increase 18.8% from 0.3 million metric tons to 0.4 million metric tons (Figure 16). Brazilian imports are projected to increase 15.1% from 7.0 million metric tons in 1999 to 8.1 million metric tons in 2009.

CONCLUDING REMARKS

This report evaluates the U.S. and world wheat industries for the 1999-2009 period by using the Global Wheat Policy Simulation Model which is operational at North Dakota State University. The baseline projections are based on a series of assumptions about the general economy, agricultural policies, weather conditions, and technological changes.

Prices for both common wheat and durum wheat are predicted to increase about 23% and 36%, respectively, for the 1999-2009 period. However, increases in prices are expected to be slow for the next 2-3 years.

World wheat trade is projected to increase 13.9% from 85.0 million metric tons in 1999 to 96.8 million metric tons in 2009. Durum wheat trade is expected to grow faster than common wheat trade. Because of the financial crisis in South and Southeast Asian countries, their import demand for common wheat is expected to be weak for the next few years, but it is expected to recover later in the forecast period.

All exporting countries except the E.U. are predicted to increase their production and exports of common wheat for the 1999-2009 period. World consumption of common wheat is expected to increase faster than the world production, resulting in a gradual increase in the world price of common wheat. Production and exports of common wheat in the United States are predicted to grow faster than those in other exporting countries. It is predicted that both common and durum wheat exports in the E.U. are predicted to decrease. Some of the common wheat produced could be used as feed in the E.U.

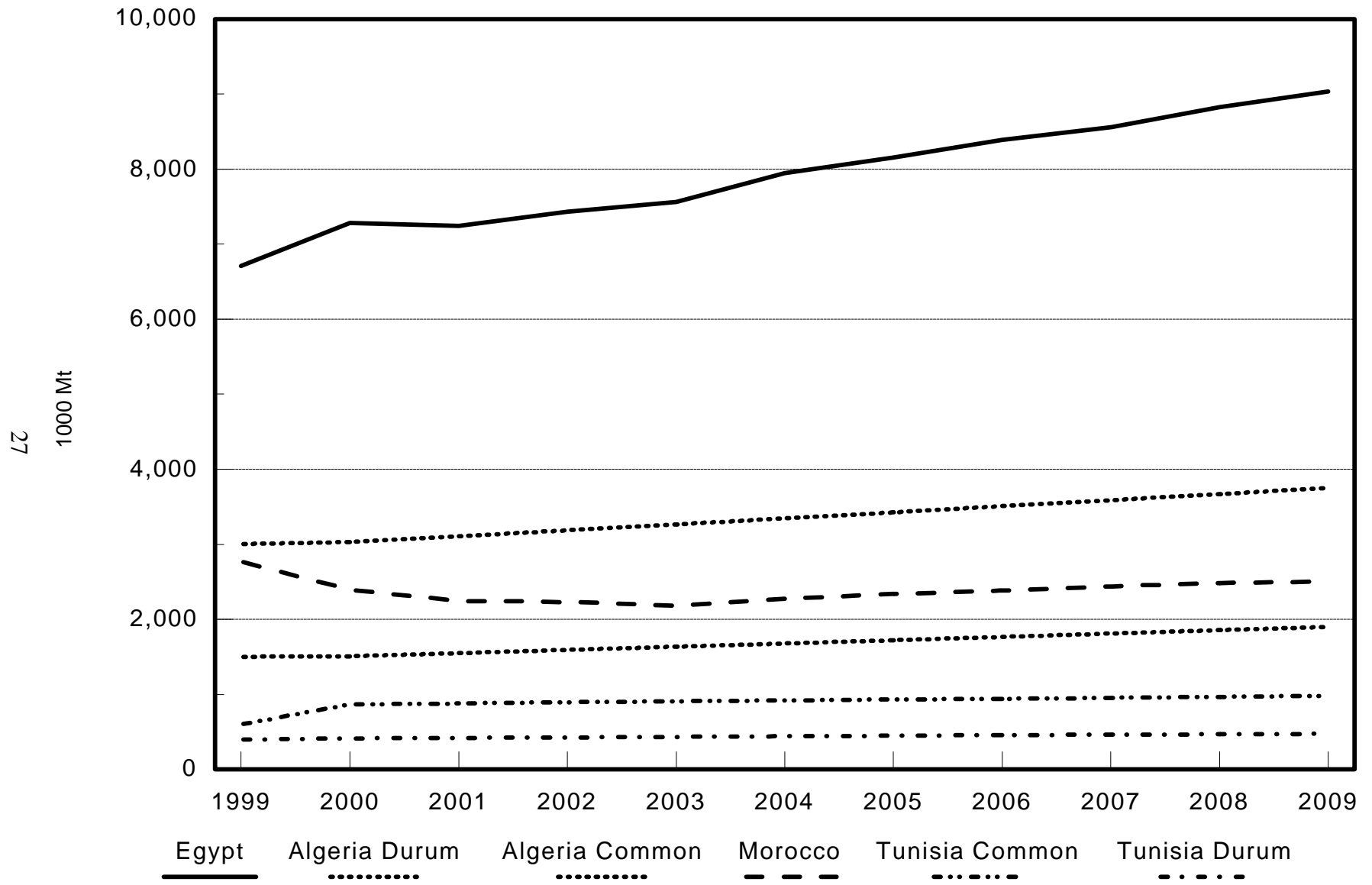


Figure 15. Common and Durum Wheat Imports by Major African Countries, 1999 to 2009

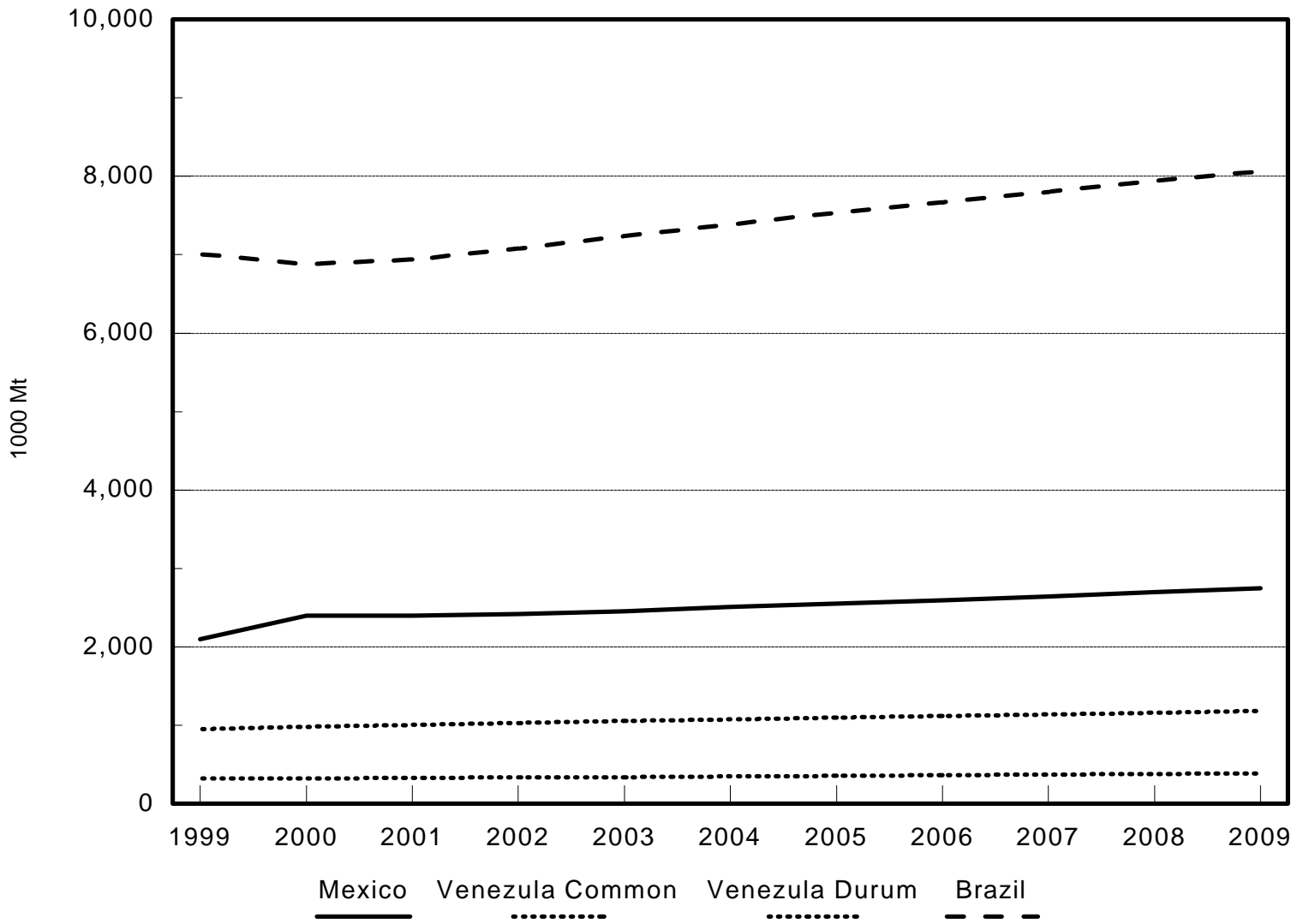


Figure 16. Common and Durum Wheat Imports by Latin American Countries, 1999 to 2009

The United States is expected to increase both its common and durum wheat production and exports. Canada is expected to increase its common and durum wheat production and exports for the forecasting period, while the E.U. is expected to decrease its production and exports. This implies that the E.U. may become less competitive in wheat production under the UR Agreement.

Common wheat demand in Southeast Asian countries is predicted to grow for the 1999-2009 period. China's imports for common wheat are expected to grow faster than other countries in the region.

The FSU is predicted to decrease its imports of common wheat for the 1999-2009 period, but its import of durum wheat is expected to remain constant. The country may increase its domestic production of common wheat gradually for the forecasting period.

Egypt, the largest importer of common wheat in the North Africa region, is predicted to increase its imports of common wheat. Import demands for both common and durum wheat in other countries in the region are also expected to increase.

Import demands for common wheat in Brazil, Venezuela, and Mexico are expected to be strong for the 1999-2009 period. Import demand for durum wheat in Venezuela is also predicted to be strong for the forecasting period.

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Appendix

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World Wheat Policy Simulation Model (Common Wheat and Durum Wheat)

2000 Baseline Solution

United States - Nominal Market Prices (U.S. dollars/bushel)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
HRW Wheat	3.18	3.38	3.47	3.49	3.53	3.56	3.68	3.75	3.86	3.94	4.03	4.16
Durum Wheat	3.69	3.96	4.23	4.15	4.46	4.62	4.75	4.83	4.97	5.07	5.12	5.41

United States - Nominal Farm Prices (U.S. dollars/bushel)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
HRS Wheat	2.81	2.99	3.08	3.10	3.13	3.16	3.27	3.34	3.44	3.52	3.60	3.72
HRW Wheat	2.75	2.93	3.01	3.03	3.06	3.09	3.21	3.27	3.37	3.45	3.52	3.64
SRW Wheat	2.76	2.93	3.02	3.03	3.07	3.09	3.20	3.26	3.36	3.43	3.51	3.63
White Wheat	3.11	3.29	3.37	3.39	3.43	3.45	3.57	3.63	3.74	3.81	3.89	4.01
Durum Wheat	2.86	3.10	3.33	3.26	3.54	3.68	3.79	3.86	3.98	4.07	4.12	4.37

United States - Wheat Area Planted (million acres)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
HRS Wheat	14.9	14.3	15.2	15.2	15.5	15.6	15.8	16.1	16.3	16.6	16.8	17.1
HRW Wheat	32.4	30.9	31.6	31.6	31.7	32.5	33.0	33.3	33.5	33.7	33.8	33.9
SRW Wheat	10.2	9.0	9.1	9.3	9.3	9.3	9.2	9.2	9.2	9.3	9.4	9.5
White Wheat	4.7	3.5	4.9	5.3	5.4	5.4	5.4	5.4	5.3	5.3	5.3	5.3
Durum Wheat	3.8	4.0	3.6	3.6	3.5	3.6	3.7	3.7	3.8	3.8	3.8	3.8
All Wheat	66.0	61.8	64.4	64.9	65.4	66.4	67.0	67.7	68.1	68.7	69.1	69.6

United States - All Wheat Seed Use (bushels/acre planted)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Wheat	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35

United States - Wheat Seed Use (million bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	77.9	82.1	83.0	83.7	84.9	85.6	86.4	87.0	87.8	88.4	88.9	93.0
Durum Wheat	5.5	4.9	4.8	4.7	4.8	5.0	5.1	5.1	5.1	5.1	5.1	5.7
All Wheat	83.4	87.0	87.8	88.5	89.7	90.6	91.5	92.1	92.9	93.5	94.1	98.7

United States - Wheat Area Harvested (million acres)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Hard Red Spring	14.4	13.8	14.7	14.7	15.0	15.1	15.2	15.5	15.7	15.9	16.1	16.3
Hard Red Winter	27.3	24.4	25.1	25.2	25.3	26.0	26.4	26.8	27.0	27.2	27.3	27.3
Soft Red Winter	9.1	8.0	8.6	8.8	8.8	8.8	8.7	8.7	8.7	8.8	8.9	9.0
White	4.5	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
Durum	3.7	3.6	3.6	3.5	3.5	3.5	3.6	3.7	3.7	3.7	3.7	3.7
All Wheat	59.0	53.9	56.2	56.7	57.2	58.0	58.6	59.2	59.6	60.1	60.6	61.0

United States - Wheat Yield (bushels/acre harvested)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Hard Red Spring	33.81	32.53	32.19	32.21	32.30	32.40	32.50	32.61	32.72	32.82	32.93	33.04
Hard Red Winter	43.30	43.27	41.26	40.98	41.16	41.46	41.78	42.12	42.46	42.80	43.13	43.47
Soft Red Winter	48.64	56.53	52.03	53.16	53.25	53.54	53.78	54.04	54.29	54.54	54.80	55.05
White	66.18	59.33	62.73	63.48	64.04	64.58	65.12	65.66	66.20	66.74	67.28	67.82
Durum	38.14	27.82	28.44	29.73	30.26	30.35	30.60	30.87	31.14	31.41	31.67	31.94
All Wheat	43.23	42.72	41.34	41.71	41.90	42.12	42.30	42.53	42.76	43.02	43.27	43.52

United States - Wheat Production (million bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Hard Red Spring	486.8	447.9	472.0	473.4	484.1	487.7	495.1	504.5	513.0	521.9	530.6	540.0
Hard Red Winter	1182.1	1055.0	1037.5	1031.7	1039.9	1078.4	1105.1	1128.6	1146.3	1162.5	1175.6	1186.9
Soft Red Winter	442.6	453.4	447.8	465.5	469.3	470.5	466.5	469.1	471.5	478.9	487.4	495.5
White	297.8	246.8	264.9	290.1	297.6	300.1	301.1	303.6	305.6	308.2	310.5	312.3
Durum	141.1	99.3	101.4	104.0	105.1	106.6	110.6	112.9	114.2	115.8	117.0	118.7
All Wheat	2550.4	2302.4	2323.5	2364.7	2396.0	2443.2	2478.3	2518.7	2550.6	2587.3	2621.1	2653.4

United States - Common Wheat Supply and Utilization (million bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	568.1	482.9	536.9	579.6	604.2	620.6	632.8	638.3	643.2	645.8	649.1	652.9
Production	2409.3	2203.1	2222.2	2260.7	2290.9	2336.7	2367.7	2405.8	2436.4	2471.5	2504.1	2534.7
Net Exports	1218.5	932.1	1078.5	1125.7	1148.7	1183.3	1207.4	1230.9	1249.2	1268.1	1284.0	1296.9
Exports	971.6	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	61.0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	1276.0	1217.0	1101.0	1110.4	1125.8	1141.2	1154.9	1170.1	1184.6	1200.2	1216.3	1234.6
Food	803.7	810.9	833.1	841.8	856.4	871.1	886.3	902.0	917.9	934.3	951.2	968.5
Seed	77.9	82.1	83.0	83.7	84.9	85.6	86.4	87.0	87.8	88.4	88.9	93.0
Feed	173.1	187.1	184.9	184.8	184.6	184.5	182.1	181.1	178.9	177.4	176.1	173.2
Carry-out Stocks	482.9	536.9	579.6	604.2	620.6	632.8	638.3	643.2	645.8	649.1	652.9	656.1

United States - Common Wheat Stocks-to-Use Ratio (percent) and Per Capita Food Use (bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	2.97	2.97	3.03	3.03	3.06	3.09	3.12	3.15	3.18	3.21	3.24	3.27
Stocks-to-Use Ratio	37.85	44.12	52.64	54.41	55.13	55.45	55.27	54.97	54.52	54.08	53.68	53.14

United States - Durum Wheat Supply and Utilization (million bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	24.0	68.3	65.6	64.3	64.1	63.5	63.0	62.7	62.6	62.5	62.4	62.4
Production	141.1	99.3	101.4	104.0	105.1	106.6	110.6	112.9	114.2	115.8	117.0	118.7
Net Exports	14.0	12.0	13.8	14.2	14.4	14.8	17.3	18.6	18.7	19.3	19.4	20.0
Exports	48.0	40.0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	34.0	28.0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	86.5	86.0	88.9	90.0	91.3	92.3	93.6	94.4	95.6	96.6	97.5	99.0
Food	81.0	81.0	84.1	85.3	86.4	87.3	88.5	89.4	90.5	91.4	92.4	93.3
Seed	5.5	4.9	4.8	4.7	4.8	5.0	5.1	5.1	5.1	5.1	5.1	5.7
Feed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Carry-out Stocks	68.3	65.6	64.3	64.1	63.5	63.0	62.7	62.6	62.5	62.4	62.4	62.2

United States - Durum Wheat Stocks-to-Use Ratio (percent) and Per Capita Food Use (bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	0.30	0.30	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.32
Stocks-to-Use	78.96	76.31	72.36	71.17	69.51	68.24	67.02	66.28	65.32	64.61	64.02	62.79

United States - All Wheat Supply and Utilization (million bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	592.1	551.2	602.5	643.9	668.3	684.1	695.8	701.0	705.7	708.3	711.5	715.4
Production	2550.4	2302.4	2323.5	2364.7	2396.0	2443.2	2478.3	2518.7	2550.6	2587.3	2621.1	2653.4
Net Exports	1450.1	1085.1	1092.2	1139.9	1163.1	1198.0	1224.7	1249.5	1267.9	1287.4	1303.4	1316.9
Exports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	1141.2	1166.1	1189.9	1200.4	1217.1	1233.5	1248.4	1264.5	1280.2	1296.7	1313.8	1333.6
Food	884.7	891.9	917.2	927.1	942.8	958.4	974.8	991.3	1008.5	1025.8	1043.6	1061.8
Seed	83.4	87.0	87.8	88.5	89.7	90.6	91.5	92.1	92.9	93.5	94.1	98.7
Feed	173.1	187.1	184.9	184.8	184.6	184.5	182.1	181.1	178.9	177.4	176.1	173.2
Carry-out Stocks	551.2	602.5	643.9	668.3	684.1	695.8	701.0	705.7	708.3	711.5	715.4	718.2

United States - All Wheat Stocks-to-Use Ratio (percent) and Per Capita Food Use (bushels)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	3.27	3.27	3.33	3.34	3.37	3.40	3.43	3.46	3.49	3.52	3.55	3.59
Stocks-to-Use Ratio	48.30	51.67	54.11	55.67	56.21	56.41	56.15	55.81	55.33	54.87	54.45	53.86

United States - Wheat Net Exports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	33162	25369	29351	30636	31262	32204	32860	33500	33997	34512	34944	35297
Durum Wheat	381	327	375	386	392	402	471	505	509	525	529	545

Canada - Nominal Wheat Export Prices (Canadian dollars/metric ton)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	185.19	197.19	198.06	199.47	199.04	198.30	204.18	206.66	212.12	216.09	220.53	227.99
Durum Wheat	191.42	205.35	214.27	210.08	223.62	229.02	233.61	235.63	241.14	245.16	247.46	261.31

Canada - Nominal Domestic Prices (Canadian dollars/metric ton)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Spring Wheat	153.78	167.43	174.23	175.59	178.07	180.22	188.97	193.82	201.77	207.52	213.34	227.79
Durum Wheat	163.19	176.18	189.46	185.37	200.70	208.64	214.82	218.59	225.36	230.25	232.98	247.10

Canada - Wheat Seed Use (metric tons/hectare harvested)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CWRS Wheat	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
CWAD Wheat	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
All Wheat	0.11	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10

Canada - Wheat Area Harvested (1000 hectares)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CWRS Wheat	9300	9200	9922	10064	10111	10116	10129	10165	10197	10227	10257	10300
CWAD Wheat	1450	1350	1487	1574	1605	1645	1674	1680	1702	1725	1755	1763
All Wheat	10750	10550	11409	11637	11717	11760	11803	11845	11899	11952	12013	12063

Canada - Wheat Yield (metric tons/hectare)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CWRS Wheat	2.29	2.52	2.35	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42
CWAD Wheat	2.23	2.46	2.37	2.35	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42
All Wheat	2.37	2.50	2.35	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42

Canada - Canadian Western Red Spring Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	6382	6400	6200	7242	7868	8192	8312	8249	8077	7807	7476	7099
Production	21297	23184	23318	23584	23781	23890	24022	24208	24385	24558	24732	24938
Net Exports	14800	15459	15170	15724	16074	16247	16429	16590	16730	16829	16915	17038
Exports	14800	15459	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	7467	7925	7105	7234	7383	7522	7656	7790	7925	8060	8195	8342
Food	2315	2340	2404	2426	2459	2489	2514	2540	2567	2593	2619	2651
Seed	920	992	1012	1022	1027	1033	1042	1050	1058	1065	1075	1086
Feed	4232	4593	3690	3787	3896	4000	4100	4200	4301	4401	4501	4605
Carry-out Stocks	6400	6200	7242	7868	8192	8312	8249	8077	7807	7476	7099	6657

Canada - Western Red Spring Wheat Stocks-to-Use Ratio (percent) Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	75.49	75.49	76.75	76.68	76.99	77.18	77.25	77.33	77.45	77.58	77.69	77.99
Stocks to Use Ratio	85.71	78.23	101.93	108.76	110.96	110.50	107.74	103.68	98.51	92.75	86.63	79.80

Canada - Canadian Western Amber Durum Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	1693	1653	1445	1504	1535	1554	1568	1576	1582	1587	1591	1595
Production	4152	3175	3527	3703	3780	3884	3968	4000	4069	4141	4232	4267
Net Exports	3180	2292	2379	2576	2652	2753	2838	2863	2927	2991	3077	3106
Exports	3180	2292	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	1072	1083	1090	1097	1108	1117	1123	1130	1137	1145	1151	1158
Food	160	162	173	176	176	178	180	182	184	187	190	191
Seed	95	104	110	112	115	117	118	119	121	123	123	124
Feed	817	817	807	808	817	822	826	829	832	836	838	843
Carry-out Stocks	1653	1445	1504	1535	1554	1568	1576	1582	1587	1591	1595	1598

Canada - Western Amber Durum Wheat Stocks-to-Use Ratio (percent) Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	5.23	5.23	5.52	5.56	5.52	5.52	5.53	5.55	5.56	5.59	5.63	5.63
Stocks to Use Ratio	154.20	133.38	138.03	139.95	140.28	140.35	140.33	140.00	139.53	138.96	138.57	137.92

Canada - All Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	8075	8053	7645	8746	9403	9746	9881	9825	9659	9394	9067	8694
Production	25449	26359	26845	27287	27561	27774	27990	28208	28454	28699	28964	29205
Net Exports	17980	17751	17549	18300	18726	19000	19267	19453	19657	19820	19992	20144
Exports	17980	17751	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	0	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	8539	9008	8195	8331	8491	8640	8779	8920	9062	9205	9346	9500
Food	2475	2502	2576	2601	2636	2667	2694	2722	2751	2780	2809	2842
Seed	1015	1096	1122	1134	1142	1150	1159	1169	1178	1188	1198	1210
Feed	5049	5410	4497	4596	4713	4823	4926	5029	5133	5237	5339	5448
Carry-out Stocks	8053	7645	8746	9403	9746	9881	9825	9659	9394	9067	8694	8255

Canada - All Wheat Stocks-to-Use Ratio (percent) Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	80.72	80.72	82.27	82.24	82.51	82.70	82.78	82.88	83.02	83.17	83.33	83.62
Stocks to Use Ratio	94.31	84.87	106.73	112.86	114.78	114.36	111.91	108.29	103.66	98.50	93.03	86.89

Canada - Wheat Exports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	14800	15459	15170	15724	16074	16247	16429	16590	16730	16829	16915	17038
Durum Wheat	3180	2292	2379	2576	2652	2753	2838	2863	2927	2991	3077	3106

European Union - Nominal Producer Prices (ECU/metric ton)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	115.70	116.20	122.18	122.71	123.96	125.33	126.74	128.18	129.64	131.12	132.63	134.16
Durum Wheat	160.70	146.56	133.70	137.39	140.05	141.48	141.73	141.68	141.55	141.42	141.28	141.15

European Union - Wheat Area Harvested (1000 hectares)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	14086	13818	13542	13537	13537	13540	13542	13545	13547	13550	13552	13555
Durum Wheat	3023	3062	3068	3068	3067	3067	3069	3069	3069	3069	3068	3069
All Wheat	17109	16880	16610	16605	16605	16607	16611	16614	16616	16618	16621	16624

European Union - Wheat Yield (metric tons/hectare)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	6.35	6.30	6.17	6.21	6.24	6.28	6.30	6.34	6.36	6.40	6.42	6.45
Durum Wheat	2.85	2.80	2.69	2.74	2.76	2.78	2.81	2.83	2.85	2.88	2.90	2.92
All Wheat	5.73	5.67	5.53	5.57	5.60	5.63	5.66	5.69	5.71	5.75	5.77	5.80

European Union - Common Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	17183	17830	14900	15523	15690	15785	15865	15940	16009	16072	16129	16180
Production	89446	87053	83556	84089	84485	84967	85342	85817	86190	86664	87037	87376
Net Exports	10103	13243	8485	9221	9471	9764	9952	10256	10472	10807	11056	11282
Exports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	78696	76740	74448	74701	74919	75123	75315	75492	75654	75800	75930	76048
Food	34971	36730	36824	36999	37149	37288	37415	37527	37624	37706	37772	37827
Feed	35063	33444	37625	37702	37770	37835	37900	37965	38030	38094	38158	38221
Carry-out Stocks	17830	14900	15523	15690	15785	15865	15940	16009	16072	16129	16180	16227

European Union - Common Wheat Stocks-to-Use Ratio (percent) Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	93.29	97.85	97.98	98.35	98.67	98.98	99.29	99.59	99.87	100.15	100.42	100.67
Stocks to Use Ratio	22.66	19.42	20.85	21.00	21.07	21.12	21.16	21.21	21.24	21.28	21.31	21.34

European Union - Durum Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	1401	3017	4490	4067	3763	3599	3570	3576	3590	3606	3621	3636
Production	8616	8574	8269	8394	8466	8537	8613	8685	8757	8828	8899	8973
Net Exports	800	800	822	827	717	607	601	620	646	675	706	742
Exports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	7800	7900	7869	7871	7913	7958	8005	8051	8096	8138	8178	8217
Food	7800	7900	7869	7871	7913	7958	8005	8051	8096	8138	8178	8217
Feed	0	0	0	0	0	0	0	0	0	0	0	0
Carry-out Stocks	3017	4490	4067	3763	3599	3570	3576	3590	3606	3621	3636	3650

European Union - Durum Wheat Stocks-to-Use Ratio (percent) Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	20.81	21.05	20.94	20.92	21.02	21.12	21.24	21.37	21.49	21.62	21.74	21.87
Stocks to Use Ratio	38.67	56.84	51.68	47.80	45.48	44.86	44.67	44.59	44.54	44.50	44.46	44.42

European Union - All Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	18584	20847	19390	19590	19453	19383	19435	19516	19599	19678	19750	19816
Production	98062	95627	91825	92483	92950	93504	93955	94502	94947	95492	95936	96350
Net Exports	10903	14043	9308	10048	10188	10371	10554	10875	11118	11481	11762	12024
Exports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	86496	84640	82318	82572	82832	83081	83321	83544	83750	83938	84108	84265
Food	42771	44630	44693	44870	45062	45246	45420	45579	45720	45844	45951	46044
Feed	35063	33444	37625	37702	37770	37835	37900	37965	38030	38094	38158	38221
Carry-out Stocks	20847	19390	19590	19453	19383	19435	19516	19599	19678	19750	19816	19877

European Union - All Wheat Stocks-to-Use Ratio (percent) Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	114.10	118.90	118.92	119.27	119.69	120.10	120.53	120.95	121.36	121.77	122.16	122.54
Stocks to Use Ratio	24.10	22.91	23.80	23.56	23.40	23.39	23.42	23.46	23.50	23.53	23.56	23.59

European Union - Wheat Net Exports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	10103	13243	8485	9221	9471	9764	9952	10256	10472	10807	11056	11282
Durum Wheat	800	800	822	827	717	607	601	620	646	675	706	742

Australia - Nominal Wheat Export Prices (Australian dollars/metric ton)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
U.S. HRW	169.58	181.29	187.33	188.83	191.23	193.32	200.90	205.14	211.93	216.79	221.62	229.41
U.S. Durum	175.28	188.80	202.65	198.88	214.84	223.26	229.85	233.89	240.93	245.96	248.68	262.94

Australia - Nominal Domestic Prices (Australian dollars/metric ton)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	84.00	153.48	158.66	159.95	162.00	163.80	170.30	173.94	179.76	183.93	188.08	194.76

Australia - Wheat Area Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Harvested	11583	12000	12119	12176	12207	12220	12238	12243	12253	12258	12270	12296
Yield	1.81	1.92	1.92	1.93	1.94	1.94	1.95	1.96	1.97	1.97	1.98	1.99
Production	20965	23040	23255	23490	23632	23755	23880	23984	24096	24200	24318	24462

Australia - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	1348	1400	1325	2302	2798	3046	3167	3230	3262	3282	3295	3298
Production	20965	23040	23255	23490	23632	23755	23880	23984	24096	24200	24318	24462
Net Exports	15935	18015	17688	18290	18565	18695	18794	18826	18865	18880	18905	19070
Consumption	4978	5100	4591	4704	4819	4939	5023	5126	5211	5307	5409	5478
Food	3129	2677	2720	2780	2836	2894	2929	2977	3015	3060	3104	3137
Feed	2142	1817	1871	1925	1983	2045	2094	2149	2196	2247	2305	2341
Carry-out Stocks	1400	1325	2302	2798	3046	3167	3230	3262	3282	3295	3298	3213

Australia - Wheat Stocks-to-Use Ratio (percent) and Per Capita Food Use (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Food Use	168.39	142.76	143.75	145.67	147.40	149.20	149.84	151.16	151.94	153.10	154.25	154.78
Stocks-to-Use Ratio	28.12	25.98	50.14	59.47	63.20	64.12	64.31	63.63	62.98	62.08	60.98	58.65

Argentina - Wheat Area Planted and Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Planted	5133	5800	5956	6073	6107	6077	5992	5970	5942	5960	5984	5989
Area Harvested	5133	5800	5802	5910	5942	5914	5836	5815	5790	5807	5828	5833
Yield	2.24	2.41	2.39	2.42	2.45	2.47	2.49	2.51	2.54	2.56	2.58	2.60
Production	11498	13978	13891	14328	14531	14597	14534	14613	14680	14854	15040	15184

Argentina - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	720	300	300	365	388	402	411	415	420	423	427	432
Production	11498	13978	13891	14328	14531	14597	14534	14613	14680	14854	15040	15184
Net Exports	7773	9453	9378	9696	9770	9717	9571	9552	9532	9607	9697	9761
Exports	5968	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	4145	4525	4448	4609	4747	4871	4959	5057	5144	5242	5338	5420
Carry-out Stocks	300	300	365	388	402	411	415	420	423	427	432	435

Argentina - Wheat Stocks-to-Use Ratio (percent) and Per Capita Consumption (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Consumption	115.28	124.23	120.55	123.30	125.37	126.99	127.62	128.60	129.27	130.17	131.04	131.56
Stocks-to-Use Ratio	7.24	6.63	8.20	8.43	8.47	8.45	8.37	8.30	8.22	8.15	8.09	8.02

Algeria - Wheat Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	700.00	600.00	612.00	624.24	636.72	649.46	662.45	675.70	689.21	703.00	717.06	731.40
Durum Wheat	1300.00	1300.00	1326.00	1352.52	1379.57	1407.16	1435.31	1464.01	1493.29	1523.16	1553.62	1584.69
All Wheat	2000.00	1600.00	1938.00	1976.76	2016.30	2056.62	2097.75	2139.71	2182.50	2226.15	2270.68	2316.09

Algeria - Per Capita Wheat Production (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	22.79	19.09	19.03	18.98	18.94	18.91	18.88	18.86	18.86	18.85	18.86	18.87
Durum Wheat	42.32	41.36	41.24	41.13	41.04	40.97	40.91	40.87	40.85	40.85	40.86	40.89

Algeria - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	92.26	93.29	94.23	94.51	94.79	95.08	95.36	95.65	95.93	96.22	96.51	96.80
Durum Wheat	47.72	46.65	46.88	47.11	47.35	47.59	47.82	48.06	48.30	48.55	48.79	49.03

Algeria - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	2900.00	3000.00	3030.00	3108.08	3186.61	3265.84	3345.74	3425.91	3506.63	3587.85	3669.50	3751.91
Durum Wheat	1500.00	1500.00	1507.50	1549.43	1591.75	1634.58	1677.91	1721.54	1765.61	1810.11	1855.00	1900.44
All Wheat	4400.00	4500.00	4537.50	4657.51	4778.35	4900.42	5023.65	5147.45	5272.25	5397.96	5524.50	5652.35

Brazil - Wheat Area Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Harvested	1425	1200	1416	1525	1530	1502	1468	1448	1429	1418	1408	1398
Yield	1.54	1.83	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.62	1.62
Production	2195	2196	2276	2452	2463	2418	2365	2335	2305	2289	2274	2260

Brazil - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	541	541	541	535	543	548	549	546	542	538	534	530
Production	2195	2196	2276	2452	2463	2418	2365	2335	2305	2289	2274	2260
Net Imports	7006	7004	6882	6936	7078	7239	7387	7536	7669	7802	7938	8064
Exports	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	6182	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	9200	9200	9164	9380	9536	9656	9756	9875	9979	10095	10216	10330
Carry-out Stocks	541	541	535	543	548	549	546	542	538	534	530	523

Brazil - Wheat Stocks-to-Use Ratio (percent) and Per Capita Consumption (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Consumption	53.50	52.87	52.09	52.73	53.08	53.21	53.23	53.35	53.43	53.57	53.75	53.89
Stocks-to-Use Ratio	5.88	5.88	5.83	5.79	5.75	5.69	5.59	5.49	5.39	5.29	5.18	5.07

Brazil - Wheat Exports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	-7006	-7004	-6882	-6936	-7078	-7239	-7387	-7536	-7669	-7802	-7938	-8064
Durum Wheat	0	0	0	0	0	0	0	0	0	0	0	0

China - Wheat Area Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Harvested	29774	29000	29287	29474	29569	29608	29606	29610	29599	29592	29577	29558
Yield	3.69	3.97	3.97	3.98	4.00	4.01	4.03	4.05	4.08	4.10	4.13	4.15
Production	109866	115130	116406	117436	118216	118862	119422	120058	120677	121348	122015	122684

China - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	33366	27836	26336	26423	26369	26242	26087	25859	25634	25383	25140	24898
Production	109866	115130	116406	117436	118216	118862	119422	120058	120677	121348	122015	122684
Net Imports	980	950	1352	1057	1039	1170	1324	1458	1574	1675	1791	1886
Exports	310	550	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	1290	1500	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	116240	117450	117671	118547	119382	120187	120974	121741	122501	123266	124048	124847
Carry-out Stocks	27836	26336	26423	26369	26242	26087	25859	25634	25383	25140	24898	24621

China - Wheat Stocks-to-Use Ratio (percent) and Per Capita Consumption (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Consumption	92.61	92.82	92.30	92.35	92.40	92.45	92.50	92.55	92.60	92.65	92.70	92.75
Stocks-to-Use Ratio	23.95	22.42	22.46	22.24	21.98	21.71	21.38	21.06	20.72	20.39	20.07	19.72

Egypt - Wheat Area Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Harvested	1017	1030	1081	1091	1080	1093	1091	1101	1103	1111	1115	1120
Yield	5.99	6.01	5.94	5.89	5.85	5.83	5.82	5.82	5.83	5.85	5.87	5.90
Production	6092	6190	6419	6426	6321	6377	6350	6410	6430	6499	6548	6611

Egypt - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	1200	1400	1000	1020	1040	1061	1082	1104	1126	1149	1172	1195
Production	6092	6190	6419	6426	6321	6377	6350	6410	6430	6499	6548	6611
Net Imports	7400	6710	7281	7242	7431	7564	7943	8154	8392	8558	8823	9035
Exports	0	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	7400	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	13193	13300	13680	13648	13732	13920	14272	14542	14800	15034	15347	15622
Carry-out Stocks	1400	1000	1020	1040	1061	1082	1104	1126	1149	1172	1195	1219

Egypt - Wheat Stocks-to-Use Ratio (percent) and Per Capita Consumption (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Consumption	210.35	205.76	210.35	206.16	203.82	203.08	204.73	205.18	205.45	205.40	206.39	206.88
Stocks-to-Use Ratio	10.61	7.52	7.46	7.62	7.73	7.78	7.74	7.74	7.76	7.79	7.79	7.80

Japan - Wheat Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	569.00	600.00	582.00	564.54	547.60	531.18	515.24	499.78	484.79	470.25	456.14	442.45

Japan - Per Capita Wheat Production (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	4.52	4.75	4.60	4.46	4.31	4.18	4.05	3.92	3.80	3.69	3.58	3.48

Japan - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	47.54	46.66	48.15	48.43	48.64	48.97	49.24	49.53	49.79	50.04	50.27	50.44

Japan - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	6000	5900	6089	6136	6173	6224	6266	6308	6345	6377	6405	6421

South Korea - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	100.40	95.41	84.76	92.66	91.28	91.34	91.60	92.95	94.45	96.53	98.79	100.08

South Korea - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	4689	4500	3998	4413	4388	4429	4479	4582	4692	4831	4978	5077

Mexico - Wheat Area Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Harvested	770	750	792	813	824	830	835	838	842	846	849	854
Yield	4.22	4.13	4.08	4.08	4.11	4.15	4.21	4.27	4.33	4.40	4.46	4.52
Production	3249	3098	3227	3316	3387	3448	3514	3578	3649	3718	3784	3865

Mexico - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	588	588	386	383	390	400	410	421	433	444	456	468
Production	3249	3098	3227	3316	3387	3448	3514	3578	3649	3718	3784	3865
Net Imports	2100	2100	2398	2398	2422	2457	2508	2552	2598	2641	2694	2747
Exports	400	400	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Imports	2500	2500	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	5601	5400	5628	5707	5799	5895	6010	6119	6235	6347	6466	6599
Carry-out Stocks	588	386	383	390	400	410	421	433	444	456	468	481

Mexico - Wheat Stocks-to-Use Ratio (percent) and Per Capita Consumption (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Stocks-to-Use Ratio	10.50	7.14	6.80	6.84	6.90	6.95	7.01	7.07	7.13	7.18	7.23	7.29
Per Capita Consumption	55.96	54.59	54.31	54.16	54.11	54.14	54.33	54.49	54.70	54.87	55.09	55.44

Morocco - Wheat Area Harvested (1000 hectares), Yield (metric tons/hectare), and Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Area Harvested	3087	2700	2960	2930	2974	3000	3032	3058	3086	3111	3137	3161
Yield	1.42	0.78	1.17	1.28	1.31	1.36	1.36	1.37	1.38	1.39	1.40	1.40
Production	4384	2106	3449	3751	3902	4093	4127	4195	4257	4317	4378	4437

Morocco - Wheat Supply and Utilization (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Carry-in Stocks	1627	2970	2035	2030	2050	2071	2091	2112	2133	2155	2176	2198
Production	4384	2106	3449	3751	3902	4093	4127	4195	4257	4317	4378	4437
Net Imports	1470	2765	2394	2245	2231	2184	2273	2337	2385	2440	2486	2502
Exports	0	35	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Exports	0	35	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A
Consumption	5800	5800	5848	5976	6112	6256	6379	6511	6621	6735	6842	6917
Carry-out Stocks	2970	2035	2030	2050	2071	2091	2112	2133	2155	2176	2198	2220

Morocco - Wheat Stocks-to-Use Ratio (percent) and Per Capita Consumption (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Per Capita Consumption	201.78	198.06	196.11	196.84	197.84	199.03	199.53	200.31	200.38	200.58	200.55	199.61
Stocks-to-Use Ratio	51.21	35.09	34.71	34.31	33.88	33.43	33.11	32.77	32.54	32.31	32.13	32.10

Morocco - Wheat Exports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	-1470	-2765	-2394	-2245	-2231	-2184	-2273	-2337	-2385	-2440	-2486	-2502

Former Soviet Union - Wheat Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Wheat	59650	67430	64059	64699	65670	66655	67654	69008	70388	71795	73231	74696

Former Soviet Union - Per Capita Wheat Production (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
All Wheat	201.32	227.88	216.74	219.11	222.51	225.84	229.14	233.51	237.87	242.22	246.57	250.92

Former Soviet Union - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	10.31	7.37	6.67	6.93	7.45	7.79	7.72	7.55	7.30	7.12	6.87	6.75
Durum Wheat	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07

Former Soviet Union - Wheat Net Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	3050	2179	1972	2047	2199	2299	2280	2232	2160	2109	2039	2008
Durum Wheat	20	21	21	21	21	21	21	21	21	21	21	21
All Wheat	3070	2200	1993	2067	2220	2319	2301	2252	2181	2130	2060	2029

Tunisia - Wheat Production (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	98.45	99.44	100.43	101.43	102.45	103.47	104.51	105.55	106.61	107.67	108.75	109.84
Durum Wheat	810.00	800.00	808.00	819.31	830.78	842.41	854.21	866.17	878.29	890.59	903.06	915.70
All Wheat	908.45	899.44	908.43	920.75	933.23	945.89	958.72	971.72	984.90	998.26	1011.81	1025.54

Tunisia - Per Capita Wheat Production (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	10.40	10.36	10.32	10.28	10.25	10.22	10.18	10.16	10.13	10.10	10.08	10.05
Durum Wheat	85.60	83.36	83.04	83.07	83.11	83.17	83.25	83.34	83.44	83.56	83.68	83.82

Tunisia - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	72.94	61.66	88.95	89.06	89.51	89.62	89.56	89.54	89.52	89.51	89.51	89.53
Durum Wheat	41.68	41.11	42.32	42.63	42.66	42.77	42.91	43.07	43.18	43.31	43.47	43.50

Tunisia - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	700	600	866	878	895	908	919	931	942	954	966	978
Durum Wheat	400	400	412	420	426	433	440	448	455	462	469	475
All Wheat	1100	1000	1277	1299	1321	1341	1359	1378	1397	1416	1435	1453

Taiwan - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	45.19	44.78	45.54	46.03	46.51	47.04	47.54	48.15	48.75	49.43	50.21	51.07

Taiwan - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	1000	1000	1017	1037	1058	1079	1100	1124	1147	1173	1200	1230

Venezuela - Per Capita Wheat Imports (kilograms)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	40.51	39.75	41.09	41.26	41.57	41.81	41.92	42.04	42.13	42.23	42.31	42.45
Durum Wheat	13.86	13.60	13.45	13.63	13.50	13.50	13.57	13.66	13.72	13.80	13.91	13.87

Venezuela - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	950	950	982	1004	1030	1055	1076	1097	1118	1139	1160	1183
Durum Wheat	325	325	321	332	335	340	348	356	364	372	381	386
All Wheat	1275	1275	1303	1336	1365	1395	1424	1454	1482	1511	1542	1570

Rest of the World - Wheat Imports (1000 metric tons)

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Common Wheat	43528	41470	41807	45081	46041	46735	46697	46956	47034	47250	47372	47579
Durum Wheat	1520	1173	1388	1402	1416	1430	1445	1459	1474	1489	1503	1518