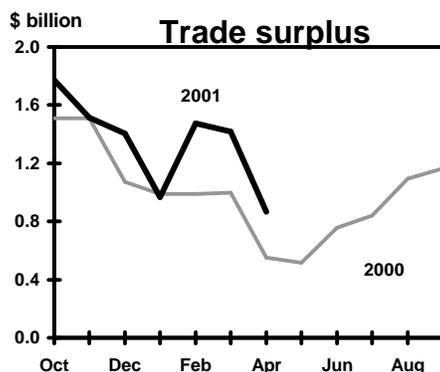


U.S. Agricultural Trade Update

Economic Research Service
U.S. Department of Agriculture

June 27, 2001
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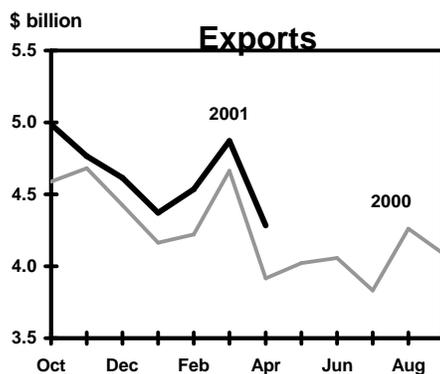


Summary—The October-April surplus in U.S. agricultural trade swelled to \$9.4 billion, almost \$2 billion more than in the same period last year. Year-to-date exports of \$32.4 billion are \$1.8 billion higher than in the same portion of fiscal 2000, attributed primarily to \$1.5 billion more in shipments of high-value products. Cumulative imports, on the other hand, slipped by \$29 million compared with the 2000 value, as volume and value of coffee shipments continued to decline.

Exports in April 2001 fell by \$586 million from March, largely due to \$417 million lower soybean exports in the month.

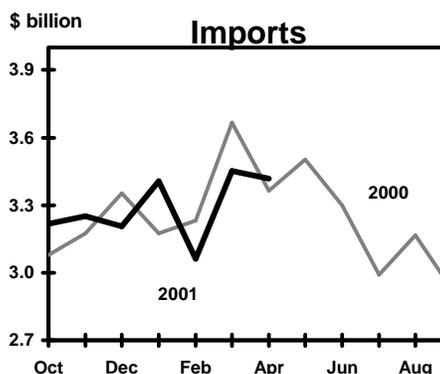
Exports—A \$265-million gain to date in bulk commodity exports is due to higher year-to-date soybean shipments. So far this year, shipments of corn, rice, and tobacco have dipped. Bulk export volume increased by a cumulative 1.2 million tons from 2000, helped in part by additional shipments of wheat in April 2001.

Although up in the year-to-date, *soybean* exports declined sharply in April from March. Increased world consumption and imports of soybeans have boosted U.S. soybean exports so far this year, despite low prices. World demand for soybeans to crush for meal and oil also is up. Soybean exports now equal \$4.1 billion and 21.5 million tons, up \$400 million and 2.5 million tons from 2000. Although demand from the European Union (EU) is off sharply, shipments to China are up by 2.5 million tons, an 89-percent gain from last year. The significant drop in April soybean shipments reflects an increase in export competition due to the onset of marketing of the record 2000/2001 South American crop.



Year-to-date *wheat* exports of \$1.9 billion are \$115 million higher than in the same part of 2000, corresponding to 439,000 additional tons shipped. Although wheat prices are about 13 percent higher than last year, demand from Latin America, Sub-Saharan Africa, and Indonesia is responsible for the increased volume.

With world *corn* consumption and imports down somewhat from 2000, U.S. corn exports have fallen in value and volume. Sales to date of \$2.6 billion are \$131 million lower than last year and volume is down 1.4 million tons. Corn prices have deteriorated close to 2000's low average price, which was almost 30 percent below 1995 levels. Demand for U.S. corn is thus far largely confined to North American Free Trade



Agreement partners Mexico and Canada. The volume shipped to Central America also is up in the year to date.

Cotton exports of \$1.1 billion are up by a modest \$19 million in October-April; volume is down 116,000 tons. Prices remain lower than the average level last year and are now almost half of 1995 levels. Like corn, mainly Mexico and Canada have so far increased purchases of cotton. Volume shipped to South Korea also is up. Southeast Asia and the EU increasingly are supplied by Australia, Uzbekistan, and Franc-zone Africa.

U.S. exports of *high-value products (HVP)* to date are almost \$21 billion. The gain in HVP shipments is attributed to significant growth of livestock products, mainly hides and skins. Shipments of horticulture products also are up, as are live animals and feeds and foddors. Among the horticulture exports, fruits, nuts, vegetables, and sugar and tropical products are up by handsome margins, despite the still strong dollar exchange rate.

Imports—The small decline to date in U.S. agricultural imports to \$23 billion primarily reflects a sharp drop in the value of coffee purchases which is off 41 percent from 2000, while volume is down by 16 percent. Cocoa and rubber also are down in both value and volume. Nevertheless, imports of live animals, red meat, vegetables, and malt beverages continue to be larger, reflecting the 8 percent gain in the dollar's purchasing power. [Alberto Jerardo, 202-694-5323; ajerardo@ers.usda.gov]

The import share of U.S. food consumption is estimated at 9.1 percent in 1998 and 1999, up from 7.4 percent in 1995. The general trend over the past two decades in imports as a share of consumption is upward, although import shares from 1995 rose sharply as the dollar's exchange value strengthened. The import share of animal and fish products increased from 3.2 percent in 1980 to 4.5 percent in 1999. These shares are much smaller compared with crops and products, which climbed from 10 percent in the 1980s to 12 percent in 1999. Fish, fruits, vegetables, grain cereals, wine, and beer clearly show growing import shares of consumption. Per capita consumption of these items inched up, while that of animal products declined. (See table 5.)

Next update: July 24, 2001

Table 1--U.S. agricultural exports: Quantity and value by commodity

Quantity and unit	October-April				April			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Total agricultural exports (NA)	0	0	30,658,599	32,428,933	0	0	3,916,292	4,284,970
Animals & animal prods (NA)	0	0	6,823,468	7,212,630	0	0	882,199	1,002,378
Animals live - ex poultry (NA)	0	0	443,828	555,405	0	0	26,715	39,444
Cattle & calves - live (NO)	304	355	170,684	200,892	15	20	8,174	12,562
Horses, mules, burros-live (NO)	60	51	252,172	339,291	5	6	15,903	25,322
Swine - live (NO)	66	11	9,158	4,308	8	1	1,243	380
Sheep, live (NO)	223	191	10,529	9,357	30	21	1,243	1,119
Other live animals (NA)	0	0	1,285	1,557	0	0	152	62
Meats & meat prods (MT)	1,434	1,440	3,201,309	3,050,360	192	202	435,252	423,543
Beef & veal (MT)	502	458	1,826,219	1,600,215	65	55	244,006	199,547
Beef & veal - fr or froz (MT)	491	445	1,784,093	1,553,955	63	53	237,990	194,237
Beef - prep or pres (MT)	12	13	42,126	46,259	2	2	6,017	5,310
Horsemeat-fr, chill, froz (MT)	7	7	19,670	24,014	1	1	2,666	4,124
Lamb,mutton or goat-fr,ch,frz(MT)	1	2	3,761	3,664	0	0	533	445
Pork (MT)	292	304	765,542	762,526	34	48	97,707	121,876
Pork - fr or froz (MT)	261	275	689,594	684,225	31	44	89,037	111,216
Pork - prep or pres (MT)	31	29	75,948	78,301	3	4	8,670	10,660
Variety meats, edible offals (MT)	327	393	419,636	506,982	53	58	67,310	76,019
Other meats - fr or prep (MT)	305	276	166,479	152,959	39	40	23,029	21,531
Poultry & poultry prods (NA)	0	0	1,314,192	1,392,106	0	0	157,654	212,417
Poultry - live (NA)	27,958	32,462	60,070	55,078	3,129	5,129	7,911	8,603
Baby chicks (NO)	21,959	28,191	51,964	48,679	2,252	4,442	6,701	7,600
Other live poultry (NA)	5,999	4,271	8,106	6,399	877	688	1,210	1,003
Poultry meats (MT)	1,667	1,795	1,142,740	1,220,998	192	272	134,612	187,217
Chickens - fr or froz (MT)	1,503	1,586	895,609	921,281	174	245	104,825	148,727
Turkeys - fr or froz (MT)	111	124	120,245	134,648	12	13	13,195	14,829
Other poultry - fr or froz (MT)	5	3	7,878	5,988	0	0	653	672
Poultry meats-prep or pres(MT)	48	82	119,007	159,081	6	13	15,939	22,989
Feathers & downs, crude (MT)	3	2	11,209	13,812	0	0	1,767	1,208
Eggs (NA)	0	0	100,173	102,218	0	0	13,364	15,389
Dairy prods (NA)	0	0	597,443	663,510	0	0	81,754	102,454
Evap & condensed milk (MT)	4	3	2,900	2,418	1	1	566	423
Nonfat dry milk (MT)	98	55	137,688	107,367	8	9	12,007	17,585
Butter & anhyd milkfat (MT)	1	1	2,426	2,528	0	0	573	212
Cheese (MT)	24	31	75,785	91,694	4	5	11,932	13,701
Whey, fluid or dried (NA)	0	0	86,868	102,067	0	0	13,093	12,127
Other dairy prods (NA)	0	0	291,776	357,436	0	0	43,584	58,407
Fats, oils, & greases (MT)	689	636	259,121	186,155	103	77	33,777	21,649
Lard (MT)	63	33	28,354	16,128	14	3	5,689	1,638
Tallow - inedible (MT)	454	389	152,251	103,585	65	43	19,210	11,156
Other animal fats & oils (MT)	172	214	78,516	66,442	23	30	8,878	8,855
Hides & skins, incl furs (NA)	0	0	760,787	1,093,948	0	0	114,597	167,820
Bovine hides - whole (NO)	11,559	12,655	596,473	789,642	1,759	1,828	91,587	120,324
Other cattle hides - pieces (NA)	0	0	24,611	10,820	0	0	3,749	1,721
Calf skins, whole (PC)	680	1,078	14,066	40,847	116	195	2,552	5,561
Horse hides, whole (PC)	160	2,946	5,240	98,572	14	430	438	14,324
Sheep and lamb skins (PC)	0	0	8,502	14,128	0	0	1,615	3,107
Other hides & skins,ex furs(NA)	4,868	3,323	30,651	38,672	681	390	3,099	4,870
Furskins (NA)	0	0	81,243	101,267	0	0	11,558	17,912
Mink pelts (NO)	2,670	2,826	65,380	78,973	370	531	7,929	13,183
Other furskins (NA)	0	0	15,863	22,294	0	0	3,629	4,729
Wool & mohair (MT)	3	2	11,902	6,748	0	0	1,480	658
Sausage casings (MT)	13	15	38,810	37,802	2	2	5,667	4,127
Bull semen (NA)	0	0	35,894	32,750	0	0	5,102	5,069
Misc animal prods - other (NA)	0	0	160,181	193,845	0	0	20,202	25,198
Grains & feeds (MT)	59,315	57,936	8,018,132	8,191,253	8,026	8,435	1,081,930	1,182,454
Wheat, unmilled (MT)	14,823	15,262	1,829,505	1,944,706	1,997	2,247	246,276	292,355
Wheat flour (MT)	559	390	81,712	78,755	63	77	9,822	13,992
Bulqur wheat (MT)	3	5	757	1,221	0	0	0	6
Other wheat prods (MT)	61	58	55,895	50,430	7	8	6,800	6,899
Rice-paddy, milled, parb. (MT)	2,203	2,037	633,710	501,465	173	225	49,999	51,076
Feed grains & prods (MT)	33,129	31,855	3,231,080	3,158,267	4,430	4,686	457,965	467,917
Feed grains (MT)	32,753	31,458	3,111,631	3,029,964	4,374	4,639	441,978	452,414
Barley (MT)	351	729	45,095	94,726	27	35	4,066	7,319
Corn (MT)	28,315	26,893	2,685,826	2,555,208	3,876	4,173	391,277	400,833
Grain sorghums (MT)	4,071	3,815	378,794	377,629	468	429	46,323	44,111
Oats (MT)	10	15	1,355	1,910	2	1	277	143
Rye (MT)	6	6	562	491	0	0	35	8
Feed grain prods (MT)	376	397	119,448	128,303	56	47	15,987	15,503
Popcorn (MT)	58	66	37,116	37,985	8	9	5,015	5,315
Blended food prods (MT)	173	136	44,595	38,023	36	14	8,580	3,582
Other grain prods (MT)	601	601	669,052	740,414	87	90	88,030	102,916
Feeds & fodders, ex oilcake (MT)	7,703	7,525	1,434,711	1,639,987	1,224	1,080	209,443	238,395
Corn by-products (MT)	3,439	3,197	355,079	343,765	591	455	58,178	49,106
Alfalfa meal & cubes (MT)	142	106	22,660	16,332	13	13	2,004	2,043
Beet pulp (MT)	431	361	50,902	46,021	67	42	8,118	4,356
Citrus pulp pellets (MT)	595	419	40,781	20,625	111	103	8,238	6,163
Other feeds & fodders (MT)	3,097	3,442	965,289	1,213,244	442	468	132,905	176,728
Fruits & prep, ex juice (MT)	1,750	2,103	1,390,229	1,583,281	240	280	179,273	205,650
Fruits - fr (MT)	1,492	1,806	1,012,171	1,185,018	205	244	130,944	155,435
Fruits - fr - citrus (MT)	755	877	426,766	484,559	124	155	69,328	91,246
Grapefruit - fresh (MT)	339	355	180,331	179,993	35	50	18,249	25,445
Lemons & limes - fresh (MT)	72	79	53,187	48,794	10	13	6,840	8,140
Oranges & tangerines-fresh(MT)	341	443	191,196	254,639	78	92	44,096	57,347

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	2000	2001	2000	2001	2000	2001	2000	2001
Other citrus - fresh (MT)	3	1	2,052	1,132	0	0	143	314
Fruits - fr - noncitrus (MT)	738	929	585,405	700,460	81	89	61,616	64,189
Apples - fresh (MT)	364	527	213,113	289,360	46	57	26,136	32,492
Berries - fresh (MT)	35	28	65,908	56,804	10	7	16,536	12,810
Cherries - fresh (MT)	3	2	5,040	2,686	0	0	1,919	251
Grapes - fresh (MT)	129	156	163,320	206,881	1	2	1,199	3,188
Melons - fresh (MT)	58	53	28,329	29,909	12	8	5,550	4,749
Peaches - fresh (MT)	8	15	6,890	12,681	0	1	354	585
Pears - fresh (MT)	106	113	61,714	62,739	8	9	4,416	5,258
Plums - fresh (MT)	5	7	5,791	7,272	0	0	374	198
Other noncitrus - fresh (MT)	29	27	35,300	32,127	4	4	5,132	4,658
Fruits - dried (MT)	102	136	197,600	218,447	12	18	22,865	28,291
Raisins - dried (MT)	44	64	82,396	89,855	5	9	8,579	12,184
Prunes - dried (MT)	41	52	82,190	93,902	5	7	10,064	11,869
Other dried fruits (MT)	17	20	33,013	34,691	2	2	4,222	4,238
Fruits - canned ex juice (MT)	87	93	82,117	89,915	12	9	11,597	10,477
Fruits - froz ex juice (MT)	21	21	30,602	30,202	3	3	4,595	4,701
Other fruits - prep or pres (MT)	47	47	67,740	59,698	7	5	9,271	6,746
Fruit juices incl froz (HL)	6,582	6,032	390,884	383,573	941	865	57,579	59,506
Apple juice (HL)	219	151	25,609	18,418	31	22	3,438	2,925
Grape juice (HL)	434	428	36,898	36,254	68	70	5,330	6,528
Grapefruit juice (HL)	556	740	32,882	39,427	128	150	7,533	7,584
Orange juice (HL)	3,151	2,720	161,349	147,123	382	304	20,724	17,283
Other fruit juices (HL)	2,223	1,992	134,146	142,350	331	320	20,554	25,187
Wine (HL)	1,503	1,690	293,555	298,039	217	258	41,245	47,497
Nuts & prep (MT)	364	374	720,484	834,925	41	40	76,109	83,177
Almonds (shelled basis) (MT)	130	154	331,787	423,430	11	16	30,647	43,050
Filberts (MT)	9	10	15,456	17,794	1	0	1,422	791
Peanuts, shelled or prep (MT)	129	99	127,646	100,214	20	15	18,973	15,441
Pistachios (MT)	12	20	53,143	71,089	1	2	6,164	6,629
Walnuts, shelled/unshelled (MT)	51	57	110,948	134,434	3	3	7,325	7,415
Pecans, shelled or unshelled (MT)	6	6	31,840	32,904	1	1	3,714	3,988
Other nuts, shelled or prep (MT)	27	28	49,665	55,059	4	3	7,864	5,862
Vegetables & prep (NA)	0	0	2,632,534	2,696,970	0	0	387,156	391,977
Vegetables - fresh (MT)	1,132	1,138	662,560	715,313	181	184	117,243	115,677
Asparagus - fresh (MT)	13	10	37,010	28,651	5	4	14,052	11,045
Broccoli - fresh (MT)	103	87	68,012	59,010	25	18	15,878	10,978
Carrots - fresh (MT)	64	76	35,372	45,755	15	18	7,024	9,301
Cabbage - fresh (MT)	26	23	11,850	11,754	6	5	2,493	2,363
Celery - fresh (MT)	74	73	30,593	32,857	10	11	4,704	4,897
Cauliflower - fresh (MT)	46	48	30,778	31,765	7	7	4,839	5,094
Corn, sweet - fresh (MT)	16	19	7,757	10,349	6	9	2,469	3,915
Cucumbers - fresh (MT)	15	15	8,880	9,419	2	1	1,103	1,227
Garlic - fresh (MT)	5	4	5,706	4,862	0	0	337	339
Lettuce - fresh (MT)	204	218	107,839	126,236	30	33	17,276	18,736
Mushrooms - fresh (MT)	4	4	10,079	12,675	1	0	973	345
Onions and shallots-fresh (MT)	193	201	53,212	62,591	12	13	4,414	5,757
Peppers - fresh (MT)	40	40	40,569	48,050	6	7	6,549	6,846
Potatoes - fresh (MT)	118	115	38,304	37,189	26	24	8,153	7,376
Tomatoes - fresh (MT)	85	89	69,448	86,289	12	15	10,835	11,269
Other fresh vegetables (MT)	126	116	107,152	107,859	19	18	16,145	16,191
Vegetables - froz (MT)	398	435	312,276	330,438	58	60	46,650	47,548
Corn, sweet, frozen (MT)	41	46	34,334	38,809	6	6	5,356	4,977
Potatoes - frozen (MT)	285	318	209,649	227,902	42	44	31,872	31,782
Other frozen vegetables (MT)	72	71	68,293	63,726	10	11	9,422	10,790
Vegetables - canned (MT)	257	246	211,235	196,128	36	34	31,148	25,758
Pulses (MT)	327	340	162,565	158,336	34	46	16,798	21,103
Dried beans (MT)	216	218	121,403	113,690	21	31	11,786	15,900
Dried peas (MT)	69	72	23,489	24,969	9	9	2,994	2,514
Dried lentils (MT)	42	51	17,672	19,677	4	6	2,018	2,689
Hops, incl hop ext (MT)	7	8	62,895	86,380	1	1	8,712	12,403
Other veg - prep or pres (NA)	0	0	1,221,004	1,210,374	0	0	166,605	169,487
Oilseeds & prods (MT)	25,684	28,163	5,804,149	6,391,079	2,071	2,330	556,962	589,250
Oilcake & meal (MT)	4,586	4,621	827,567	930,544	446	623	80,900	113,039
Bran, hulls, legum. veg. (MT)	234	127	17,195	9,542	40	30	2,775	2,208
Corn oilcake & meal (MT)	39	5	3,900	597	6	1	506	118
Soybean meal (MT)	4,214	4,371	790,392	898,888	390	574	75,882	107,579
Other oilcake & meal (MT)	99	118	16,080	21,516	11	17	1,737	3,133
Oilseeds (MT)	19,716	22,271	4,110,127	4,753,408	1,452	1,559	373,300	388,921
Rapeseed (MT)	88	157	20,473	34,197	5	11	1,418	2,530
Safflower seeds (MT)	21	28	7,949	6,373	0	4	25	1,209
Soybeans (MT)	19,134	21,477	3,700,704	4,100,857	1,377	1,473	292,044	283,798
Sunflowerseeds (MT)	107	97	56,253	57,740	7	24	5,277	12,051
Peanuts, incl oilstock (MT)	31	15	24,427	12,828	6	1	4,734	738
Other oilseeds (MT)	257	411	62,195	101,727	46	35	11,332	8,654
Protein substances (MT)	78	86	238,125	439,685	11	11	58,470	79,941
Vegetable oils (MT)	1,383	1,270	866,455	707,127	173	148	102,762	87,291
Soybean oil (MT)	447	447	199,675	162,032	42	48	19,495	19,294
Cottonseed oil (MT)	40	33	22,347	16,625	4	5	2,165	2,184
Sunflower oil (MT)	197	147	107,224	67,005	23	23	12,011	10,253
Corn oil (MT)	248	221	158,180	108,129	39	25	21,617	10,328
Peanut oil (MT)	5	2	4,236	1,961	0	0	342	206
Rapeseed oil (MT)	86	50	34,936	17,966	23	1	8,650	526
Safflower oil (MT)	8	5	9,421	6,039	1	2	777	2,161

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	2000	2001	2000	2001	2000	2001	2000	2001
Other veg oils & waxes (MT)	351	365	330,436	327,370	41	43	37,707	42,338
Tobacco - unmfq (MT)	121	118	826,960	774,962	17	18	123,434	130,922
Tobacco - light air-cured (MT)	21	23	171,749	191,819	7	9	58,056	81,547
Tobacco - flue cured (MT)	65	55	476,296	411,246	6	3	43,276	22,798
Other tobacco - unmfq (MT)	35	40	178,915	171,897	4	5	22,102	26,577
Cotton, ex linters (MT)	948	832	1,117,873	1,137,462	154	124	184,855	161,122
Cotton linters (MT)	44	25	14,643	10,836	4	3	1,333	1,176
Essential oils (MT)	29	32	318,059	370,630	4	5	42,190	57,812
Seeds - field & garden (MT)	498	462	562,833	510,265	65	76	54,278	67,492
Sugar & tropical prods (NA)	0	0	904,631	1,051,789	0	0	114,108	144,691
Sugar & related prods (NA)	0	0	357,083	372,640	0	0	49,225	53,769
Sugar - cane or beet (MT)	84	51	26,336	21,108	7	12	2,886	5,018
Related sugar prods (NA)	0	0	330,747	351,532	0	0	46,338	48,751
Coffee (MT)	35	34	142,654	145,808	4	5	18,240	21,295
Cocoa (MT)	31	30	65,624	57,603	3	4	6,630	8,107
Chocolate & prep (MT)	71	110	208,143	328,861	8	15	20,760	41,989
Tea & mate (MT)	14	18	58,355	76,425	2	3	6,935	10,838
Spices (MT)	20	21	47,971	46,457	3	3	8,176	6,385
Rubber - crude natural (MT)	14	13	23,914	21,676	1	1	3,909	2,184
Fibers ex cotton (MT)	1	5	888	2,318	0	0	232	126
Other misc veg prods (MT)	0	0	262,113	316,190	0	0	37,934	37,756
Nursery & greenhouse prods (NA)	0	0	192,341	191,641	0	0	29,107	30,616
Beverages ex juices (NA)	0	0	385,710	473,410	0	0	66,598	91,494
Selected non-ag exports (NA)	0	0	7,997,069	8,051,222	0	0	1,249,695	1,245,152
Fertilizers (MT)	6	18	1,404,303	1,211,924	1	2	150,866	147,758
Nitrogen (MT)	3	16	1,399,207	1,207,552	0	1	150,249	147,064
Phosphate (MT)	3	2	5,096	4,372	0	0	617	694
Fish & shellfish (MT)	0	0	1,608,006	1,789,065	0	0	251,669	303,416
Fish - fr or prep (MT)	0	0	825,983	877,079	0	0	105,396	156,448
Shellfish (MT)	0	0	458,473	484,744	0	0	57,079	43,048
Other fish prods (MT)	152	169	323,550	427,242	15	23	89,193	103,920
Aq chemicals (MT)	172	266	986,522	966,461	30	54	194,082	221,334
Fungicides (MT)	16	17	90,599	78,119	2	3	12,752	12,616
Herbicides (MT)	94	72	512,169	463,178	18	16	129,059	143,632
Insecticides (MT)	36	150	236,036	237,008	7	32	35,333	38,193
Other pesticides (MT)	25	27	147,717	188,155	3	4	16,938	26,892
Farm machinery (NA)	0	0	1,793,992	1,760,170	0	0	310,853	276,059
Tractors & self-prop mach (NO)	24	23	620,120	563,583	4	4	128,396	101,048
Other ag machinery & parts (NA)	0	0	1,173,872	1,196,587	0	0	182,457	175,011
Tobacco - mfg (NA)	0	0	2,204,246	2,323,602	0	0	342,225	296,585

Table contains preliminary data. NA = Not available. Zeros in quantity columns indicate none or less than 500 units.

Table 2--Top 10 U.S. export markets in fiscal years 2000 and 2001, and February 2001 (metric tons)

Wheat	Oct-Apr	Oct-Apr	Apr 2001	Corn	Oct-Apr	Oct-Apr	Apr 2001
	1999/2000	2000/2001			1999/2000	2000/2001	
Egypt	2,641,628	2,390,141	381,724	Japan	8,773,979	8,344,475	1,252,476
Japan	1,872,870	1,865,747	262,820	Mexico	2,361,316	3,784,891	825,144
Mexico	1,100,751	1,247,313	174,715	China (Taiwan)	3,208,410	2,956,712	488,035
Philippines	1,165,016	1,131,323	149,165	Egypt	2,046,208	1,792,384	154,292
South Korea	911,165	864,475	143,712	South Korea	1,865,029	1,430,767	266,812
Nigeria	592,455	719,633	85,470	Canada	463,826	1,340,417	228,860
European Union	820,490	586,400	213,519	Colombia	1,022,133	930,572	153,765
Indonesia	192,881	541,193	24,350	Algeria	515,892	779,652	70,438
China (Taiwan)	619,611	537,138	82,790	Saudi Arabia	712,293	575,700	534
Venezuela	270,032	380,571	40,786	Dominican Republic	547,522	571,983	139,531
World	14,823,361	15,262,476	2,246,903	World	28,315,038	26,893,229	4,173,260

Soybeans	Oct-Apr	Oct-Apr	Apr 2001	Cotton	Oct-Apr	Oct-Apr	Apr 2001
	1999/2000	2000/2001			1999/2000	2000/2001	
European Union	6,535,253	5,658,889	42,894	Mexico	201,833	211,960	21,629
China (Mainland)	2,769,555	5,220,968	207,298	Turkey	126,472	81,219	7,734
Japan	2,459,201	2,384,011	267,030	Indonesia	90,321	75,497	13,958
Mexico	1,993,904	2,313,226	262,215	South Korea	44,009	70,709	10,745
China (Taiwan)	1,382,326	1,248,676	274,795	China (Taiwan)	76,946	51,579	7,518
South Korea	887,518	723,427	129,293	Japan	57,768	47,263	6,395
Indonesia	715,365	706,812	63,182	Canada	33,087	44,409	7,700
Thailand	654,356	627,186	0	Hong Kong	49,380	42,086	7,301
Israel	282,488	383,940	77,722	Thailand	41,025	28,196	5,223
Canada	253,246	226,104	26,175	European Union	20,957	24,081	2,921
World	19,134,014	21,476,638	1,472,658	World	948,465	832,417	123,670

Table 3--U.S. agricultural imports: Quantity and value by commodity

Quantity and unit	October-April				April			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Total agricultural imports (NA)	0	0	23,042,231	23,013,321	0	0	3,364,869	3,416,611
Noncompetitive ag imports (NA)	0	0	4,860,587	3,892,217	0	0	678,676	524,607
Bananas & plantains (MT)	2,557	2,404	637,980	658,545	396	376	99,049	107,161
Coffee, incl prods (MT)	842	709	1,800,549	1,056,662	120	109	255,455	152,442
Cocoa & prods (MT)	683	534	932,628	793,643	91	47	114,095	82,600
Tea (MT)	92	91	141,239	147,620	16	16	21,404	22,928
Spices (MT)	93	90	293,233	291,422	12	12	35,989	37,079
Rubber & allied gums-crude(MT)	758	626	495,696	410,013	111	81	78,073	52,068
Silk - raw (MT)	0	0	95	86	0	0	6	26
Wool, unmfq - carpet (MT)	6	7	12,812	16,094	1	1	1,673	2,333
Fibers, excl cotton (MT)	50	44	22,674	19,614	7	7	2,791	2,896
Essential oils (NA)	0	0	197,441	183,420	0	0	26,632	26,724
Drugs - crude natural (MT)	41	42	326,240	315,097	5	7	43,510	38,351
Competitive ag imports (NA)	0	0	18,181,644	19,121,105	0	0	2,686,193	2,892,004
Animals & prods (NA)	0	0	4,721,133	5,197,199	0	0	675,210	757,926
Animals-live, ex poultry (NO)	0	0	1,121,048	1,412,153	0	0	153,379	209,959
Cattle and calves (NO)	1,439	1,687	691,651	896,710	201	263	109,405	148,084
Horses, mules, burros (NO)	216	18	279,467	323,292	192	3	22,732	30,777
Swine (NO)	2,367	2,804	140,990	183,428	300	413	19,875	29,284
Sheep, live (NO)	31	52	3,082	5,557	4	13	473	1,377
Other live animals (NO)	0	0	5,856	3,165	0	0	894	437
Meats & prods, ex poultry (MT)	0	0	2,057,584	2,245,361	0	0	311,791	335,347
Beef & veal (MT)	565	585	1,311,679	1,430,475	86	94	199,103	228,442
Beef & veal - fr or froz (MT)	519	546	1,193,015	1,322,981	80	88	184,216	212,741
Beef & veal - prep or pres (MT)	46	39	118,664	107,494	5	6	14,887	15,701
Pork (MT)	235	227	540,849	572,609	33	25	81,043	67,865
Pork - fr or froz (MT)	181	180	363,384	409,840	26	20	57,256	49,455
Pork - prep or pres (MT)	54	47	177,466	162,769	7	5	23,787	18,409
Mutton, goat & lamb (MT)	34	40	119,914	140,409	5	7	19,019	23,987
Horsemeat - fr or froz (MT)	0	0	0	28	0	0	0	0
Variety meats - fr or froz (MT)	30	36	54,556	60,672	4	5	8,109	9,735
Other meats - fr or froz (MT)	1	3	10,888	17,101	0	0	1,148	1,586
Other meats & prods (MT)	5	7	19,697	24,067	1	1	3,368	3,734
Poultry and prods (NA)	0	0	141,713	141,524	0	0	25,184	23,355
Poultry - live (NA)	6,667	7,044	12,728	14,471	1,009	1,292	1,835	2,247
Poultry meat (MT)	9	12	26,021	39,349	1	2	3,512	5,870
Eggs (NA)	0	0	10,721	8,798	0	0	1,346	1,554
Feathers & down - crude (MT)	14	13	92,243	78,906	3	2	18,492	13,684
Dairy products (NA)	0	0	941,936	938,262	0	0	122,909	126,172
Milk & cream, fr or dried (MT)	0	0	26,073	27,204	0	0	3,341	3,409
Butter & butterfat mixtures (MT)	8	15	13,342	24,762	1	4	1,451	7,012
Cheese (MT)	115	109	412,535	398,544	14	17	53,070	58,972
Casein & mixtures (MT)	68	59	260,970	282,594	9	6	34,396	29,460
Other dairy products (NA)	0	0	229,014	205,158	0	0	30,652	27,318
Fats, oils, & greases (MT)	64	58	42,210	35,591	8	8	5,428	4,773
Hides & skins (NA)	0	0	106,383	110,149	0	0	13,814	14,641
Sheep & lamb skins (MT)	1	1	2,827	3,216	0	0	512	433
Other hides & skins (NA)	0	0	59,405	56,503	0	0	9,120	8,772
Furskins (NA)	2,604	3,119	44,151	50,431	318	198	4,182	5,435
Wool-unmfq, apparel grade(MT)	9	7	26,067	18,616	2	0	5,538	1,358
Sausage casings (MT)	7	7	34,284	32,282	1	1	3,652	3,936
Bull semen (NA)	0	0	11,916	10,778	0	0	1,561	1,202
Misc animal prods (NA)	0	0	237,993	252,483	0	0	31,954	37,183
Grains & feeds (MT)	0	0	1,763,409	1,843,882	0	0	220,591	235,999
Wheat, ex seed (MT)	984	1,119	120,877	141,975	179	140	21,992	17,994
Corn, unmilled (MT)	139	57	15,476	7,445	21	11	2,166	1,151
Oats, unmilled (MT)	944	1,045	81,008	87,317	130	91	10,900	7,625
Barley, unmilled (MT)	393	368	52,944	46,994	39	56	5,657	7,245
Rice (MT)	207	206	114,084	111,538	21	29	12,050	13,696
Biscuits & wafers (MT)	234	261	533,736	569,987	28	34	58,532	69,116
Pasta & noodles (MT)	172	167	168,459	150,160	21	24	20,700	21,006
Other grains & preps (NA)	0	0	405,337	434,798	0	0	51,071	57,828
Feeds & fodders, ex oilcake(MT)	744	750	271,487	293,669	111	109	37,523	40,338
Fruits & preps (MT)	2,503	2,481	1,710,076	1,795,920	505	482	274,783	297,604
Fruits - fr or froz (MT)	2,093	2,060	1,326,292	1,408,253	447	426	223,028	244,289
Apples, fresh (MT)	72	58	41,870	34,368	26	25	15,390	14,807
Avocados (MT)	43	59	62,505	77,030	0	0	204	158
Berries, excl strawberries (MT)	52	53	76,728	78,335	4	4	10,896	9,563
Citrus, fresh (MT)	209	226	137,637	152,280	20	21	6,694	9,277
Grapes, fresh (MT)	353	334	370,906	396,578	59	55	47,419	65,207
Kiwi fruit, fresh (MT)	20	19	15,086	10,748	9	7	5,194	4,000
Mangoes (MT)	98	84	67,231	61,446	37	28	18,852	18,540
Melons (MT)	807	741	235,801	240,907	224	206	71,246	65,873
Peaches (MT)	43	54	37,907	45,856	0	1	437	708
Pears (MT)	76	66	65,107	63,279	15	18	8,952	15,003
Pineapples, fresh/frozen (MT)	171	201	60,631	89,123	27	33	9,470	14,859
Plums (MT)	23	33	22,735	28,889	1	2	1,231	1,408
Strawberries, fresh or froz (MT)	49	43	62,982	56,749	14	13	17,993	15,595
Other fruits, fresh or froz (MT)	76	87	69,167	72,668	11	13	9,052	9,289
Fruits - prep or pres (MT)	411	421	383,785	387,667	58	56	51,755	53,316
Pineapples - can. or prep.(MT)	181	155	112,517	92,601	22	20	12,938	11,379
Other fruits - prep or pres (MT)	230	266	271,267	295,066	36	37	38,817	41,937
Fruit juices (HL)	19,743	16,701	464,997	378,870	3,118	2,704	74,902	60,416
Apple juice (HL)	6,886	6,278	155,330	127,646	1,258	1,059	29,881	19,193
Grape juice (HL)	1,150	905	49,503	31,019	124	120	5,066	3,756
Grapefruit juice (HL)	184	31	4,249	1,052	20	1	543	78
Lemon juice (HL)	252	455	3,218	9,405	19	29	392	937

Table 3--U.S. agricultural imports: Quantity and value by commodity

Quantity and unit	October-April				April			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Lime juice (HL)	84	81	2,293	2,238	4	5	181	238
Orange juice (HL)	8,592	6,284	161,748	118,672	1,138	994	20,673	20,603
Pineapple juice (HL)	1,450	1,534	33,456	43,321	250	248	5,455	7,317
Other fruit juice (HL)	1,146	1,132	55,201	45,517	305	247	12,711	8,294
Nuts & preps (MT)	146	163	469,956	413,789	26	27	60,683	53,316
Brazil nuts (MT)	5	5	11,616	11,177	2	1	2,991	1,091
Cashew nuts (MT)	46	47	276,617	215,669	6	6	34,577	26,904
Chestnuts (MT)	4	4	9,503	9,089	0	0	71	130
Coconut meat (MT)	46	43	43,134	32,707	6	6	5,204	4,640
Filberts (MT)	4	4	15,951	13,434	0	0	764	1,878
Macadamia nuts (MT)	3	3	20,642	18,368	0	0	2,080	909
Pecans (MT)	14	25	43,770	58,029	1	1	3,076	2,275
Pistachio nuts (MT)	0	0	1,106	1,909	0	0	83	245
Other nuts (MT)	23	31	47,618	53,407	11	13	11,837	15,243
Vegetables & preps (NA)	0	0	2,923,039	3,228,968	0	0	429,543	475,710
Vegetables - fr or froz (MT)	2,607	2,718	1,771,955	2,062,040	377	392	278,974	313,956
Tomatoes (MT)	488	602	373,137	507,499	75	85	69,496	70,772
Asparagus, fresh or frozen(MT)	51	49	84,016	85,387	2	2	4,053	2,595
Beans, fresh or frozen (MT)	28	32	33,802	39,873	4	4	3,588	4,884
Cabbage (MT)	19	40	5,215	10,446	1	3	247	642
Carrots, fresh or frozen (MT)	51	60	14,150	16,942	5	5	1,474	1,556
Cauliflower & broccoli, fr/fz(MT)	162	173	105,841	114,908	12	16	7,917	10,940
Celery, fresh (MT)	23	25	7,331	9,734	5	6	1,877	1,765
Cucumbers (MT)	268	285	121,530	137,864	33	40	21,942	28,515
Eggplant (MT)	34	35	20,935	25,159	5	5	3,135	4,222
Endive, fresh (MT)	1	2	2,752	2,812	0	0	483	489
Garlic (MT)	11	19	10,873	19,880	3	3	2,823	2,920
Lettuce (MT)	12	13	9,391	10,535	2	1	1,044	1,058
Okra, fresh or frozen (MT)	7	8	4,946	5,802	2	2	1,418	1,282
Onions (MT)	157	189	97,687	125,255	27	36	12,757	19,848
Peas, incl chickpeas (MT)	27	26	27,337	23,897	3	3	2,855	3,274
Peppers (MT)	232	223	278,799	328,415	31	33	52,449	67,718
Potatoes, fresh or frozen (MT)	626	514	272,426	250,315	110	85	44,793	39,243
Radishes, fresh (MT)	12	13	10,814	10,824	2	2	1,527	1,172
Squash (MT)	140	147	98,434	122,145	17	19	17,194	17,655
Other vegs - fr or froz (MT)	258	263	192,540	214,347	39	41	27,901	33,407
Vegetables-prep/pres (NA)	0	0	1,151,084	1,166,927	0	0	150,569	161,754
Bamboo shoots, presvd.(MT)	16	20	9,767	11,600	2	2	1,310	1,240
Bean cake, miso (MT)	4	4	9,309	9,354	0	1	940	1,544
Cucumbers, preserved (MT)	35	30	17,972	17,732	3	3	2,371	2,244
Garlic, dried (MT)	8	12	4,542	6,139	1	1	876	794
Olives - prep or pres (MT)	51	63	108,020	114,251	7	9	13,434	15,595
Mushrooms, canned (MT)	37	36	72,568	66,994	5	4	9,934	7,545
Mushrooms, dried (MT)	2	2	14,271	10,800	0	0	2,665	1,429
Onions, preserved (MT)	2	1	2,556	2,242	1	0	500	197
Hops, incl extract (MT)	4	3	23,933	16,407	0	0	2,163	495
Artichokes - prep (MT)	14	18	28,211	28,723	2	3	4,335	3,869
Asparagus - prep (MT)	1	1	1,755	1,157	0	0	290	174
Tomatoes, in. paste/sauce(MT)	34	45	42,346	48,488	5	10	6,359	8,285
Waterchestnuts (MT)	21	20	11,943	10,072	5	3	2,980	1,672
Beans & peas, dried (MT)	46	49	25,030	27,834	5	6	3,135	3,696
Mustard (MT)	9	11	9,530	9,692	2	2	1,328	1,689
Peppers & pimentos, prep (MT)	15	16	17,306	17,151	2	2	2,006	2,632
Soy sauce (MT)	22	27	22,787	26,776	3	3	3,506	3,335
Starches, ex. wheat & corn (MT)	112	97	56,922	47,585	13	11	7,010	5,598
Soups & sauces (MT)	140	144	194,131	208,047	19	17	25,873	27,181
Vinegar (HL)	199	210	23,122	25,325	29	31	3,082	3,155
Yeasts (MT)	33	39	37,308	42,679	4	6	4,358	5,785
Oth. vegetables-prep/pres (NA)	0	0	417,757	417,879	0	0	52,114	63,600
Sugar & related prods (NA)	0	0	833,168	896,068	0	0	113,389	120,764
Sugar - cane & beet (MT)	661	742	247,550	278,746	111	67	35,565	28,250
Molasses (HL)	5,315	5,623	33,048	46,562	734	951	4,932	8,879
Confectionery prods (MT)	181	196	417,615	428,435	24	28	54,653	60,306
Oth. sugar & related prods (MT)	306	279	134,956	142,325	39	43	18,238	23,329
Spices (MT)	25	28	37,964	37,472	3	5	4,820	6,336
Tobacco - unmfq (MT)	116	117	337,926	368,724	8	14	24,672	41,731
Tobacco - filler (MT)	94	101	320,860	334,789	7	11	23,253	38,810
Tobacco - scrap (MT)	21	15	8,769	8,641	1	2	321	863
Other tobacco (MT)	0	1	8,297	25,293	0	0	1,098	2,058
Beverages, ex fruit juices (HL)	0	0	2,568,355	2,755,457	0	0	387,745	429,622
Wine (HL)	2,595	2,792	1,312,084	1,314,694	386	410	178,443	181,558
Malt beverages (HL)	11,647	13,225	1,086,594	1,226,483	1,906	2,224	175,064	206,549
Other beverages (HL)	0	0	169,677	214,280	0	0	34,239	41,516
Oilseeds & prods (MT)	2,191	2,312	1,082,992	1,010,134	347	356	166,507	171,886
Oilseeds & oilnuts (MT)	481	400	165,894	161,882	134	101	45,053	50,915
Flaxseed (MT)	86	28	18,361	7,141	18	10	3,520	2,060
Mustard seeds (MT)	31	29	9,585	7,883	4	5	1,341	1,427
Rapeseed (MT)	160	114	37,860	28,054	50	30	11,203	6,987
Sesameseed (MT)	29	28	33,561	29,009	4	5	4,726	5,085
Soybeans (MT)	69	58	16,213	15,357	5	5	1,303	1,802
Sunflower seeds (MT)	25	39	6,937	9,951	2	4	492	970
Other oilseeds & oilnuts (MT)	80	104	43,378	64,488	51	41	22,468	32,584
Oils & waxes-vegetable (MT)	1,009	1,144	830,954	749,563	114	170	109,674	110,456
Castor oil (MT)	26	34	24,207	23,712	7	16	6,614	9,617
Coconut oil (MT)	222	310	150,091	119,969	24	39	14,269	13,800
Cottonseed oil (MT)	0	0	163	52	0	0	4	0
Olive oil (MT)	102	118	238,916	222,826	18	17	41,916	31,100

Table 3--U.S. agricultural imports: Quantity and value by commodity

Quantity and unit	October-April				April			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Palm oil (MT)	98	104	31,736	33,212	4	19	1,375	6,768
Palm kernel oil (MT)	117	99	80,066	47,075	6	15	3,949	6,628
Peanut oil (MT)	1	28	1,654	18,746	0	2	219	1,730
Rapeseed oil (MT)	307	312	143,549	119,458	40	42	18,188	16,432
Soybean oil (MT)	22	21	10,970	8,896	3	3	1,446	1,327
Sesame oil (MT)	5	5	15,038	15,380	1	1	2,016	2,273
Other vegetable oils (MT)	109	114	134,564	140,236	12	16	19,678	20,781
Oilcake & meal (MT)	702	769	86,143	98,689	99	86	11,781	10,516
Cotton, excl linters (MT)	8	2	16,083	3,128	2	0	3,520	29
Cotton linters (MT)	13	33	2,861	11,844	5	4	1,132	1,579
Seeds - field & garden (MT)	371	209	353,860	299,797	73	57	106,613	89,548
Cut flowers (NA)	0	0	399,225	378,788	0	0	66,142	63,348
Nursery stock, bulbs, etc. (NA)	0	0	317,805	341,184	0	0	53,738	61,048
Other vegetable prods (MT)	0	0	178,795	159,880	0	0	22,201	25,142
Selected non-ag imports (NA)	0	0	9,938,249	11,087,989	0	0	1,444,584	1,475,719
Fertilizers (MT)	16,240	19,751	1,714,705	2,500,975	2,404	3,124	271,108	366,738
Potassium (MT)	6,252	6,007	494,464	475,264	1,034	1,022	86,510	78,477
Nitrogen (MT)	6,110	9,537	791,464	1,474,493	912	1,454	125,557	206,920
Phosphate (MT)	3,870	4,202	423,840	546,209	456	646	58,097	80,538
Fish (MT)	0	0	5,265,190	5,523,981	0	0	671,080	641,123
Fish fresh or prep (MT)	0	0	2,265,807	2,220,930	0	0	314,734	313,107
Shellfish (MT)	329	339	2,960,984	3,255,114	40	38	351,511	322,506
Fish prods, other (MT)	26	34	38,398	47,937	2	7	4,835	5,510
Ag chemicals (MT)	84	95	587,909	769,240	14	17	92,053	127,823
Fungicides (MT)	20	19	87,007	104,081	4	4	19,035	20,472
Herbicides (MT)	21	34	181,476	302,533	3	5	25,991	52,018
Insecticides (MT)	15	14	79,908	154,020	3	3	11,255	19,875
Other pesticides (MT)	27	28	239,518	208,605	5	5	35,771	35,458
Farm machinery (NA)	0	0	2,108,563	2,031,443	0	0	374,081	310,662
Tractors & self-prop mach (NO)	5,511	5,189	1,050,012	948,722	540	720	181,507	133,399
Other ag mach & parts (NA)	0	0	1,058,551	1,082,721	0	0	192,574	177,264
Tobacco - mfg (NA)	10	10	261,883	262,350	2	1	36,262	29,373

Table contains preliminary data. NA = Not available. Zeros in quantity columns indicate none or less than 500 units.

Table 4--Summary of U.S. agricultural trade (million \$)

Item	Mar.	Apr.	Year-to-date	% Change
Exports	4,871	4,285	32,429	6
Imports (c.i.f.)	3,748	3,710	25,023	0
Imports (customs value)	3,453	3,417	23,013	0
Trade Balance:				
Exports less c.i.f. imports	1,122	575	7,405	33
Exports less customs-val. imports	1,418	868	9,416	24
Exports by major commodity group				
Live animals	41	48	610	21
Meat & poultry	615	611	4,271	-2
Dairy prod & eggs	99	118	766	10
Hides & skins	200	168	1,094	44
Wheat	249	292	1,945	6
Rice	80	51	501	-21
Corn	445	401	2,555	-5
Other feed grains	65	52	475	11
Animal feeds	397	351	2,571	14
Soybeans	701	284	4,101	11
Vegetable oils	94	87	707	-18
Fruits & nuts	404	348	2,802	12
Vegetables	387	392	2,697	2
Cotton & linters	214	162	1,148	1
Tobacco, unmfq.	92	131	775	-6
Seeds & nursery	98	98	702	-7
Imports customs value by major commodity group				
Live animals	204	212	1,427	26
Meat & poultry	358	341	2,285	10
Dairy prod. & eggs	120	128	947	-1
Grains & feeds	277	247	1,943	5
Fruits & nuts	493	518	3,247	-1
Vegetables	538	476	3,229	10
Vegetable oils	77	110	750	-10
Wine	178	182	1,315	0
Malt beverages	210	207	1,226	13
Coffee	164	152	1,057	-41
Cocoa	119	83	794	-15
Rubber, natural	67	52	410	-17
Cane & beet sugar	18	28	279	13
Tobacco, unmfq.	62	42	369	9
Seeds & flowers	155	214	1,020	-5

Preliminary data.

Import Share of U.S. Food Consumption

The import share of food consumption is the portion of food consumed domestically that is imported from foreign countries. The remaining portion of food consumed is produced in the United States. Over the past two decades, U.S. consumers have gradually increased their dependence on imported foods. From relatively low level 20 years ago, import shares of most major foods that are largely produced in the United States have increased through the 1990s. Most notable among these imports are fish and shellfish, fresh fruits, tree nuts, wine, fresh vegetables, vegetable oils, grains, malt beverages, and confectionery products. Nevertheless, the average import share of overall U.S. food consumption remains below 10 percent, with animal products at 4.5 percent and crops and products at 12 percent.

With the exception of food not normally produced domestically, the proportion of imports in food consumption over the long run reflects supply factors as well as relative consumer demand for imported and U.S.-produced food. Import demand is determined by various factors, including relative prices, tastes, population, demographics, and income growth. As demand factors change, consumer preferences and supply conditions shift accordingly. For example, the continuous rise in import shares of fruits and vegetables is likely related to improved transportation and storage technology as well as consumers' interest in raising the nutrient content of their diets. Short-term, or year-to-year, changes in import shares are influenced by exchange rate movements, changes in trade policy, food safety concerns, weather effects, and other temporary developments. At times, producing for export markets is more profitable, which reduces supply to the domestic market.

More enduring effects on import shares include many long-term economic and non-economic factors. Domestic production may not keep up with consumption growth. The seasonal production of domestic fruits and vegetables, which are perishable, invites more imports during the off-season. The increasing ethnic diversity of the U.S. population correspondingly demands a greater variety of foods. Rising consumer income fuels the importation of high-value products, including fresh, exotic and specialty foods, and processed food. And open trade policies help lower cost producers in foreign countries to penetrate the large U.S. market. While exchange rates may raise or lower import shares in some years, long-term trends, on average, respond more closely to growth in per capita income. Higher value food items that have relatively low domestic production are usually more responsive to income than to prices. In part, this is because food's share in total consumption expenditure declines as income levels rise.

Data Description—The import share of food consumption is the ratio of imported quantity and the total quantity consumed as food by residents, both domestically produced and imported. Thus import share can rise if consumption falls relative to imports. The food items listed in table 5 generally have high import levels as well as high per capita consumption. Domestic food consumption, such as for grains, excludes the estimated amount used for feed, seed, alcohol, fuel, and industrial production. Corrections for waste and spoilage were likewise made. Nevertheless, because of spoilage and waste that occur in the marketing system and in the home, food consumption estimates tend to overstate actual consumption. Since some imported commodities are also exported, the amount of imports can exceed actual domestic consumption, which would raise the import share above 100 percent.

Aggregate import shares of the major food groups are provided in table 6. This table summarizes the annual average of import shares since 1976 using the shares of U.S. per capita food consumption in table 7 as weights. That is, the import shares of total U.S. food consumption, animal products, and non-animal products are weighted sums of the major food subgroups. Table 7 was derived from a corresponding table of U.S. per capita consumption (in pounds) of 15 major foods, including fish, coffee, cocoa, tea, wine, and malt beverages.

Aggregate Import Shares—Of total U.S. food consumption over the past 25 years, less than 10 percent was imported (see table 6). Average import shares tend to rise during periods when the U.S. dollar's foreign exchange value is strong and the U.S. economy expands at a fast pace, such as in the late 1970s and 1980s, and during the late 1990s. The import share of animal (livestock) and fish products increased from 3.2 percent in 1980 to 4.5 percent in 1999. These shares are much smaller than for crops and products, which rose from 10 percent in the 1980s to 12 percent in 1999. Fish, fruits, vegetables, grain cereals, wine, and beer clearly show growing import shares of consumption relative to the other primary food groups. These import share patterns reflect the steady decline in per capita consumption of livestock products from 43 to 40 percent and the gradual rise in crop consumption from 57 to 60 percent of total U.S. per capita food consumption.

Animal Products—U.S. per capita consumption of red meat has consistently inched downward through the 1990s, reflecting the general increase in consumption of crop foods. As beef imports increased significantly in recent years, the import share of beef consumption rose to 7.7 percent in 1999 from 5.8 percent in 1996. Like beef, pork imports jumped in 1999, pushing up imports' share of consumption to 3.9 percent from 3.3 in 1998. Despite having the largest per capita food consumption (table 7), import share of dairy products remained below 3 percent, the next lowest among major food groups (below poultry products). Cheese imports increased but total consumption rose by more, thus import share for cheese remains below the 1980s. As per capita consumption of beef and pork steadily fell, per capita consumption of poultry and fish climbed (table 7). Imports of fish and shellfish have been growing stronger, thus their import share of consumption continues to rise.

Crops and Products—The 12-percent import share of U.S. consumption of non-animal products in 1999 is relatively unchanged since 1996. This reflects offsetting trends between rising import shares of horticultural products—fruits, nuts, vegetables, wine, and beer—and lower import shares of vegetable oils, grain cereals, sweeteners, and candy in 1999. As U.S. fresh fruit consumption continues to climb faster than domestic production, imports filled in the gap. This is especially true for citrus fruits and melons. However, the import share of fruit juices is much lower than a decade ago, indicating more U.S. fruit production has been processed into juice over the past decade. Nevertheless, the strong dollar helped raise import shares of orange and apple juice from 1995's levels. The import share of tree nuts has been growing along with demand for cashew nuts, macadamias, pecans, and filberts. Wine import shares slowly recovered as both U.S. per capita income rose and the dollar appreciated in the 1990s. Import shares for malt beverages are up sharply.

As per capita consumption of vegetables continues to increase, vegetable imports are rising at a faster pace than domestic vegetable production. Thus, the import share of fresh vegetables increased over the past 20 years. Rising import shares for bell and chili peppers, potatoes, tomatoes, mushrooms, and olives indicate strong demand given that production levels are also up. The long-term trend for processed fruits and vegetables and spices is similarly upward.

In contrast, the import share of sweeteners and candy is down in 1999, although per capita consumption of corn sweeteners is up due to increased consumption of carbonated soft drinks. U.S. consumption of confectionery products has also grown. Nonetheless, the import share of sweeteners and candy is significantly lower in the 1990s than in previous decades (table 6).

The long-term growth in import share of grain cereals like wheat and rice coincide with corresponding gains in per capita consumption from the 1980s, as well as the desire for aromatic rice varieties from Asia. Again, this trend reflects the general population's preference for more carbohydrates in food diets over red meat protein. [Andy Jerardo, 202-694-5323, ajerardo@ers.usda.gov]



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Table 5---Import Share of U.S. Food Consumption

	1980	1985	1990	1995	1996	1997	1998	1999
	percent							
Beef	6.4	5.7	6.8	6.2	5.8	6.7	7.1	7.7
Pork	2.4	5.8	4.7	3.3	3.3	3.4	3.3	3.9
Lamb	9.5	6.8	9.6	17.3	21.9	24.8	28.6	30.8
Fish and shellfish	45.3	53.8	56.3	55.3	58.5	62.1	64.7	68.1
Fresh and frozen	56.8	62.8	65.8	66.0	70.6	74.3	76.6	78.5
Canned	21.8	34.9	36.0	30.8	29.8	33.0	36.1	43.8
Dairy products	1.7	2.0	1.9	1.9	1.9	1.9	2.4	2.9
Cheese	5.7	5.5	5.0	4.6	4.4	4.3	4.4	5.3
Fruits--fresh and frozen	5.5	9.1	13.7	15.7	17.4	18.5	19.4	22.4
Citrus	0.5	0.8	1.0	1.8	1.8	2.1	2.2	3.0
Non-citrus	6.9	11.0	16.4	18.4	20.8	22.1	23.2	24.2
Grapes	11.3	29.6	40.5	40.6	38.8	42.2	41.2	43.7
Melons	10.3	9.8	15.7	17.8	19.1	23.3	24.5	24.5
Fruits--processed	1.6	2.3	2.5	2.7	2.8	2.8	2.7	3.3
Fruit juices	11.3	47.5	44.4	25.0	31.3	28.9	30.5	33.0
Orange juice	9.3	48.9	40.6	13.6	19.7	15.3	21.0	21.9
Apple juice	17.7	58.8	54.4	54.9	56.5	65.8	53.8	62.0
Tree nuts	24.8	25.9	32.8	40.2	42.8	41.0	40.1	38.3
Wine	20.6	23.1	13.0	15.6	18.6	22.8	21.8	21.5
Vegetables--fresh, frozen	4.6	6.0	7.2	9.0	10.2	10.1	11.7	11.1
Peppers, bell & chili	26.5	26.5	26.8	30.9	32.0	36.5	41.1	41.0
Potatoes	1.3	3.3	7.0	7.9	10.7	11.2	14.9	14.5
Tomatoes	22.3	24.0	20.5	30.5	34.6	35.8	38.6	33.7
Vegetables--processed	1.8	3.4	2.7	2.8	2.7	3.1	3.3	3.7
Mushrooms	33.0	34.6	24.8	34.3	27.7	32.1	33.3	26.5
Olives	55.3	51.2	42.1	55.5	60.0	39.5	54.9	65.1
Vegetable oils	14.4	15.7	17.8	20.6	19.4	21.5	23.2	19.5
Olive oil 1/	91.3	75.9	94.0	122.7	81.8	97.4	99.4	93.9
Canola oil 1/	112.8	29.5	71.1	75.5	96.3	97.6	85.6	77.0
Spices	46.1	46.1	46.3	50.2	52.9	53.6	54.0	61.1
Wheat	0.3	2.1	4.1	6.9	9.3	9.4	10.4	9.3
Rice	0.3	3.4	5.1	7.2	10.3	9.0	9.4	8.3
Malt beverages	2.6	4.2	4.5	5.8	6.5	7.2	8.3	9.0
Cane and beet sugar	39.4	29.9	23.7	18.9	33.4	33.6	23.0	17.8
Confectionery products	3.3	6.6	6.0	7.3	7.5	7.9	8.8	10.5

1/ When some imports are re-exported and consumption falls below import levels, import share exceeds 100%.

Data source: www.ers.usda.gov.

Table 6---Summary Import Shares of U.S. Food Consumption 1/

	1976-79	1980-84	1985-89	1990-94	1995	1996	1997	1998	1999
	percent								
Total food consumption	7.8	7.1	7.7	7.6	7.4	8.7	8.9	9.1	9.1
Animal products 2/	3.2	3.2	3.6	3.5	3.3	3.4	3.5	4.0	4.5
Red meat	6.6	6.4	8.0	7.6	6.4	6.4	7.1	7.7	8.2
Dairy products	1.8	1.9	1.8	1.9	1.9	1.9	1.9	2.4	2.9
Fish and shellfish	49.2	49.2	55.5	56.2	55.3	58.5	62.1	64.7	68.1
Crops and products 3/	11.0	9.8	10.4	10.2	10.0	11.8	12.0	12.2	12.0
Fruits, juices and nuts	10.0	10.3	16.2	16.2	14.2	16.2	16.5	17.4	18.9
Vegetables	4.2	4.5	5.8	4.3	5.7	6.5	6.5	7.5	7.2
Vegetable oils	21.8	15.4	18.0	18.8	20.6	19.4	21.5	23.2	19.5
Grain cereals	0.7	1.2	2.8	6.2	6.3	7.2	7.0	7.4	6.5
Sweeteners, candy	30.7	22.2	10.4	9.6	8.7	14.8	14.8	10.5	8.5
Wine and beer	3.1	4.8	5.8	5.4	6.6	7.5	8.5	9.3	10.0

1/ Calculated from units of weight, weight equivalents or content.

2/ Import shares of poultry and eggs are negligible, but accounted for. Red meats are estimated from carcass weights.

3/ Includes coffee, cocoa, and tea whose import shares are 100 percent.

Table 7---Shares of U.S. Per Capita Food Consumption 1/

	1975-79	1980-84	1985-89	1990-94	1995	1996	1997	1998	1999
	percent								
Animal products	43.2	43.3	42.6	40.7	40.6	39.8	39.5	40.2	40.3
Red meat	7.3	6.9	6.3	5.8	5.7	5.6	5.5	5.7	5.7
Dairy products	30.8	31.1	30.8	29.2	29.2	28.5	28.4	28.7	28.8
Poultry and eggs	3.8	4.0	4.1	4.4	4.4	4.5	4.4	4.5	4.6
Fish and shellfish	0.7	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7
Crops and products	56.8	56.7	57.4	59.3	59.4	60.2	60.5	59.8	59.7
Fruits, juices and nuts	14.7	14.9	14.5	14.2	14.3	14.4	14.6	14.1	14.4
Vegetables	19.8	19.3	19.7	20.9	20.9	21.3	21.2	21.1	20.8
Vegetable oils	2.5	2.6	2.7	2.9	2.8	2.7	2.7	2.7	2.7
Grain cereals	8.0	8.2	8.8	9.5	9.6	9.9	9.9	9.8	9.7
Sweeteners, candy	8.0	7.8	7.9	8.3	8.6	8.7	8.8	8.9	8.8
Wine and beer 2/	3.0	3.2	3.0	2.7	2.5	2.5	2.6	2.6	2.5
Coffee, cocoa, tea	0.8	0.8	0.8	0.8	0.6	0.7	0.7	0.7	0.7

1/ Calculated from weight in pounds.

2/ Estimated from weight of grapes and ingredients used in volume consumed.

Data source: www.ers.usda.gov (Jane Allshouse, 202-694-5414)