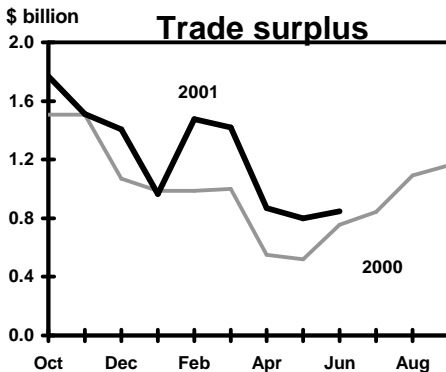


# U.S. Agricultural Trade Update

Economic Research Service  
U.S. Department of Agriculture

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FAU-56



**Summary**—The first nine months of fiscal year 2001 generated \$40.7 billion in U.S. agricultural exports, almost \$2 billion more than in the same period of fiscal 2000. Agricultural imports to date, \$29.6 billion, on the other hand, are \$240 million behind last year's value. Thus, the cumulative U.S. farm trade surplus is \$11.1 billion, which is \$2.2 billion more than in 2000. The monthly trade surpluses since October 2000 have all exceeded those of corresponding months in the previous year.

**Exports**—In value and volume, bulk commodity exports are down from last year due to much smaller sales of corn and rice. Nevertheless, the export shortfall for bulk commodities thus far this year is only \$32 million compared with 2000.

Although *wheat* shipments to date are down 903,000 tons from last year, a 4.6-percent decline, value is down only \$8.7 million. Wheat prices this fiscal year are on average 21 percent higher than in 2000 due to smaller world wheat production. Thus far in 2001, U.S. wheat shipments of 18.7 million tons have generated \$2.4 billion in sales. Countries that purchased less U.S. wheat this year are the European Union (EU), Russia, Egypt, and Pakistan.

Although foreign production of *corn* is estimated down in 2000/01, production in the United States is up, and corn prices remain depressed. Shipments of U.S. corn plunged 1.9 million tons from last year, a 5-percent decline, and value is down by \$255 million, or 7 percent. Corn sales of \$3.2 billion to date were generated from 33.7 million tons shipped. U.S. corn sales to Japan, the Middle East, Russia, and Taiwan all dipped from 2000. Nevertheless, Canada has purchased \$108 million more U.S. corn thus far because of a poor corn crop in the fall of 2000.

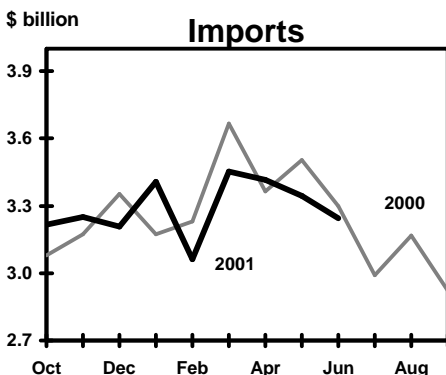
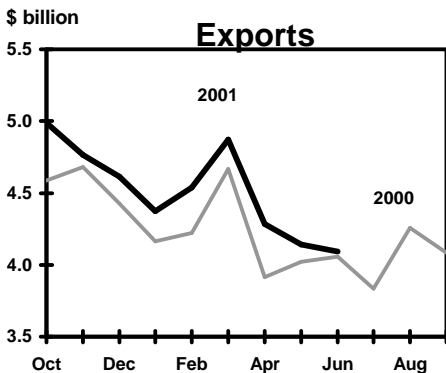
*Soybean* exports are up sharply for the year-to-date in value and quantity. Soybean sales of \$4.5 billion are up \$291 million from 2000, and cumulative shipments of 23.6 million tons are 2 million more than last year. Soybean prices are even lower than at the same period last year, reflecting higher world 2000/01 production. Demand from China and Mexico for U.S. soybeans more than offset sales declines to the EU, South Korea, Taiwan, and Japan.

U.S. exports of *cotton* are up by a cumulative \$76 million, although shipments are down by 49,000 tons. Sales of \$1.5 billion to date were earned from 1.2 million tons shipped. Cotton prices have fallen sharply from March to June 2001 due to

higher U.S. production and lower domestic mill use. Sales increases to Mexico, India, Pakistan, and South Korea more than offset declines to Brazil, Turkey, Japan, and Taiwan. Although estimated world cotton production is up slightly, world import demand has fallen, contributing to lower prices.

With bulk commodity exports falling short thus far of sales in 2000, sales of *high-value products* (HVP) are contributing to much of the U.S. trade surplus. HVP exports of almost \$27 billion to date gained \$2 billion from 2000. Among the products whose cumulative sales increased significantly are hides and skins (up \$400 million), feeds and fodders (up \$280 million), and sugar and tropical products (up \$228 million).

**Imports**—The \$240-million decline in U.S. agricultural imports in the year-to-date is largely due to declining coffee prices. Although import volume of coffee is down 16 percent, import value is down 41 percent, or almost \$1 billion. Other tropical product import values are down as well—cocoa, rubber, and cashew nuts. These declines were counteracted to some extent by increased U.S. demand for vegetables, live farm animals, red meat, and malt beverages. The markets that supplied most of these imports are Canada, Mexico, and Australia. [Alberto Jerardo, 202-694-5323, [ajerardo@ers.usda.gov](mailto:ajerardo@ers.usda.gov)]



## U.S. agricultural exports in calendar 2000 generated employment, income, and purchasing power in both the farm and nonfarm sectors.

Each farm export dollar earned stimulated another \$1.47 in business activity. The \$51.6 billion of U.S. farm exports in 2000 generated 740,000 full-time civilian jobs, including 444,000 jobs in the nonfarm sector. Farmers' purchases of fuel, fertilizer, and other inputs for export production spurred economic activity in the manufacturing, trade, and transportation sectors.

Production from more than a third of U.S. cropland moved into export channels in 2000. Exports generated \$127.3 billion in business activity—\$51.6 billion from exports and \$75.7 billion from supporting activities. [William Edmondson, 202-694-5374]

Next update: September 25, 2001

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

Quantity and unit	October-June				June			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Total agricultural exports (NA)	0	0	38,735,188	40,663,629	0	0	4,056,281	4,091,635
Animals & animal prods (NA)	0	0	8,779,247	9,329,953	0	0	986,897	1,052,095
Animals live - ex poultry (NA)	0	0	497,476	606,026	0	0	20,192	21,678
Cattle & calves - live (NO)	357	410	195,631	231,480	25	26	13,384	13,944
Horses, mules, burros-live (NO)	69	59	275,889	354,337	3	4	4,320	5,316
Swine - live (NO)	73	16	10,541	5,766	2	3	536	703
Sheep, live (NO)	296	250	13,710	12,439	41	27	1,717	1,431
Other live animals (NA)	0	0	1,705	2,005	0	0	235	283
Meats & meat prods (MT)	1,846	1,864	4,129,794	3,955,943	201	206	457,670	435,220
Beef & veal (MT)	642	577	2,338,378	2,017,796	70	59	254,519	206,327
Beef & veal - fr or froz (MT)	626	560	2,281,994	1,957,428	68	58	246,897	199,647
Beef - prep or pres (MT)	16	17	56,383	60,368	2	2	7,622	6,679
Horsemeat-fr, chill, froz (MT)	8	9	24,768	31,315	1	1	2,627	3,216
Lamb,mutton or goat-fr,ch,frz(MT)	2	2	4,303	4,569	0	0	260	351
Pork (MT)	363	408	979,234	1,035,527	36	46	104,853	120,315
Pork - fr or froz (MT)	326	370	886,034	933,233	32	42	95,630	109,061
Pork - prep or pres (MT)	37	38	93,200	102,294	3	4	9,223	11,255
Variety meats, edible offals (MT)	441	509	563,670	669,879	56	57	70,744	82,309
Other meats - fr or prep (MT)	391	359	219,440	196,857	39	43	24,667	22,702
Poultry & poultry prods (NA)	0	0	1,687,834	1,860,368	0	0	209,084	241,937
Poultry - live (NA)	36,837	45,096	76,100	75,224	4,671	6,095	8,934	9,384
Baby chicks (NO)	29,127	39,515	66,173	67,018	3,953	5,386	8,144	8,461
Other live poultry (NA)	7,710	5,581	9,928	8,205	717	709	791	923
Poultry meats (MT)	2,151	2,328	1,469,978	1,635,178	273	272	184,929	216,402
Chickens - fr or froz (MT)	1,946	2,060	1,161,780	1,249,918	248	242	149,292	171,789
Turkeys - fr or froz (MT)	139	159	147,667	173,613	18	18	17,829	20,183
Other poultry - fr or froz (MT)	6	4	9,135	7,127	0	0	594	496
Poultry meats-prep or pres(MT)	60	106	151,397	204,522	7	12	17,215	23,934
Feathers & downs, crude (MT)	3	3	14,152	16,864	0	0	1,295	1,439
Eggs (NA)	0	0	127,603	133,101	0	0	13,925	14,713
Dairy prods (NA)	0	0	755,949	864,591	0	0	79,370	92,595
Evap & condensed milk (MT)	5	4	3,742	3,508	0	1	377	561
Nonfat dry milk (MT)	107	72	151,313	143,452	5	6	7,308	12,996
Butter & anhyd milkfat (MT)	2	2	2,752	2,964	0	0	204	242
Cheese (MT)	32	39	100,202	118,042	5	4	14,345	12,764
Whey, fluid or dried (NA)	0	0	113,273	126,218	0	0	11,768	11,856
Other dairy prods (NA)	0	0	384,667	470,407	0	0	45,367	54,176
Fats, oils, & greases (MT)	888	790	325,416	232,693	94	77	31,448	23,864
Lard (MT)	79	46	35,382	22,474	11	6	4,449	3,009
Tallow - inedible (MT)	593	473	193,282	126,546	63	45	17,678	12,630
Other animal fats & oils (MT)	216	271	96,753	83,673	20	25	9,321	8,226
Hides & skins, incl furs (NA)	0	0	1,065,596	1,465,404	0	0	154,401	200,094
Bovine hides - whole (NO)	16,028	16,877	838,914	1,084,270	2,229	2,168	117,999	152,876
Other cattle hides - pieces (NA)	0	0	31,724	20,717	0	0	4,540	5,468
Calf skins, whole (PC)	940	1,532	23,623	51,091	98	269	4,052	5,581
Horse hides, whole (PC)	275	3,301	9,648	108,048	66	247	2,298	6,076
Sheep and lamb skins (PC)	0	0	12,314	18,178	0	0	2,199	2,117
Other hides & skins,ex furs(NA)	6,356	4,508	39,912	50,933	717	669	4,477	6,723
Furskins (NA)	0	0	109,461	132,167	0	0	18,836	21,253
Mink pelts (NO)	3,610	3,689	88,806	102,306	624	585	16,997	16,896
Other furskins (NA)	0	0	20,654	29,860	0	0	1,839	4,358
Wool & mohair (MT)	4	3	15,698	9,560	0	0	1,440	1,366
Sausage casings (MT)	18	20	51,071	48,655	2	2	5,731	5,189
Bull semen (NA)	0	0	44,556	43,324	0	0	3,925	5,492
Misc animal prods - other (NA)	0	0	205,858	243,390	0	0	23,636	24,661
Grains & feeds (MT)	75,569	72,351	10,207,771	10,261,282	8,250	7,512	1,085,320	1,036,855
Wheat, unmilled (MT)	19,618	18,714	2,415,960	2,407,268	2,405	1,587	297,545	213,824
Wheat flour (MT)	655	459	100,775	97,056	72	28	14,095	9,273
Bulqur wheat (MT)	4	7	984	1,545	0	0	37	15
Other wheat prods (MT)	77	75	69,168	64,702	7	8	6,000	7,083
Rice-paddy, milled, parb. (MT)	2,628	2,396	731,108	591,089	251	168	51,077	44,139
Feed grains & prods (MT)	41,338	39,951	4,085,626	3,935,146	3,994	4,508	408,250	423,169
Feed grains (MT)	40,862	39,448	3,934,944	3,767,206	3,945	4,458	391,929	403,856
Barley (MT)	420	877	54,743	113,287	30	74	3,764	9,044
Corn (MT)	35,612	33,721	3,426,751	3,171,943	3,643	3,972	362,220	353,084
Grain sorghums (MT)	4,808	4,823	450,861	478,958	268	409	25,578	41,331
Oats (MT)	14	20	1,807	2,482	2	3	211	353
Rye (MT)	8	6	782	535	2	1	155	44
Feed grain prods (MT)	476	503	150,682	167,940	50	50	16,321	19,313
Popcorn (MT)	76	82	46,851	48,149	9	8	4,892	4,859
Blended food prods (MT)	244	174	62,040	47,657	43	16	10,715	3,783
Other grain prods (MT)	757	767	856,422	950,415	73	83	93,775	104,856
Feeds & fodders, ex oilcake (MT)	10,172	9,726	1,838,837	2,118,256	1,395	1,107	198,934	225,854
Corn by-products (MT)	4,266	4,112	433,684	442,083	367	502	34,526	54,562
Alfalfa meal & cubes (MT)	177	128	28,030	19,889	18	10	2,564	1,620
Beet pulp (MT)	546	492	65,940	63,270	85	53	11,437	7,134
Citrus pulp pellets (MT)	790	544	54,783	28,075	108	61	7,607	3,597
Other feeds & fodders (MT)	4,394	4,450	1,256,401	1,564,939	816	481	142,800	158,941
Fruits & prep, ex juice (MT)	2,284	2,625	1,905,273	2,098,275	281	268	276,181	270,904
Fruits - fr (MT)	1,954	2,251	1,424,203	1,593,157	245	228	223,820	216,693
Fruits - fr - citrus (MT)	925	1,015	525,788	563,785	78	53	45,443	29,512
Grapefruit - fresh (MT)	369	377	196,019	192,958	14	8	7,704	4,847
Lemons & limes - fresh (MT)	90	100	65,392	61,697	10	10	6,652	5,755
Oranges & tangerines-fresh(MT)	463	536	262,175	307,757	54	35	31,041	18,794

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Quantity and unit	October-June				June			
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	2000	2001	2000	2001	2000	2001	2000	2001
Other citrus - fresh (MT)	3	1	2,201	1,373	0	0	47	117
Fruits - fr - noncitrus (MT)	1,030	1,237	898,416	1,029,372	167	176	178,377	187,181
Apples - fresh (MT)	442	625	259,997	344,863	41	43	24,083	24,157
Berries - fresh (MT)	58	52	104,064	99,437	10	10	18,119	19,606
Cherries - fresh (MT)	26	28	115,928	113,135	16	17	66,859	65,158
Grapes - fresh (MT)	146	173	191,462	234,532	10	12	16,284	18,646
Melons - fresh (MT)	142	129	55,106	59,352	48	49	15,208	17,312
Peaches - fresh (MT)	39	47	36,035	44,972	22	24	19,260	23,490
Pears - fresh (MT)	121	127	69,554	70,437	7	5	3,541	3,148
Plums - fresh (MT)	12	14	13,095	14,368	5	6	6,056	6,404
Other noncitrus - fresh (MT)	44	43	53,176	48,276	8	10	8,966	9,259
Fruits - dried (MT)	130	170	246,787	273,531	14	15	24,478	24,597
Raisins - dried (MT)	56	81	102,361	112,925	6	8	10,254	11,220
Prunes - dried (MT)	51	65	101,272	117,588	5	5	9,795	9,543
Other dried fruits (MT)	24	24	43,155	43,018	3	2	4,429	3,834
Fruits - canned ex juice (MT)	110	115	106,226	113,245	11	13	12,363	13,509
Fruits - froz ex juice (MT)	27	30	40,067	42,116	3	5	4,688	7,473
Other fruits - prep or pres (MT)	62	60	87,990	76,226	8	6	10,832	8,632
Fruit juices incl froz (HL)	8,913	8,051	526,409	509,961	1,092	976	67,410	61,036
Apple juice (HL)	264	212	31,237	26,307	22	26	2,799	3,229
Grape juice (HL)	589	592	49,536	49,288	71	75	5,645	5,697
Grapefruit juice (HL)	833	1,103	49,419	56,402	136	149	8,395	7,831
Orange juice (HL)	4,277	3,492	217,349	189,072	466	389	26,862	21,336
Other fruit juices (HL)	2,950	2,652	178,869	188,892	396	337	23,708	22,942
Wine (HL)	1,989	2,252	384,839	396,370	265	273	48,807	48,788
Nuts & prep (MT)	461	450	894,098	998,047	52	34	90,846	75,946
Almonds (shelled basis) (MT)	158	187	409,428	509,166	15	16	40,453	40,352
Filberts (MT)	10	11	17,765	19,460	0	0	855	374
Peanuts, shelled or prep (MT)	178	123	172,624	125,035	26	10	24,190	10,178
Pistachios (MT)	14	24	65,064	83,210	1	2	5,911	6,362
Walnuts, shelled/unshelled (MT)	56	64	124,902	152,226	2	3	6,450	9,004
Pecans, shelled or unshelled (MT)	8	8	40,397	42,558	1	1	4,271	4,708
Other nuts, shelled or prep (MT)	37	34	63,918	66,391	6	3	8,716	4,968
Vegetables & prep (NA)	0	0	3,400,470	3,491,742	0	0	383,574	387,223
Vegetables - fresh (MT)	1,559	1,565	907,478	959,631	222	212	121,701	116,224
Asparagus - fresh (MT)	17	14	47,577	37,470	1	1	2,475	2,673
Broccoli - fresh (MT)	144	119	97,595	79,521	21	12	14,163	7,670
Carrots - fresh (MT)	97	110	51,514	63,726	17	16	8,535	8,831
Cabbage - fresh (MT)	38	34	16,533	16,074	5	5	2,075	2,018
Celery - fresh (MT)	96	93	43,657	46,392	11	10	7,082	7,323
Cauliflower - fresh (MT)	60	63	40,939	42,108	8	6	5,102	4,548
Corn, sweet - fresh (MT)	35	41	14,918	19,423	11	12	3,951	4,711
Cucumbers - fresh (MT)	22	24	12,698	13,800	5	6	2,464	2,651
Garlic - fresh (MT)	6	5	7,084	5,763	1	0	922	553
Lettuce - fresh (MT)	266	285	143,243	162,114	28	27	14,582	13,617
Mushrooms - fresh (MT)	5	5	12,436	14,353	1	0	1,328	743
Onions and shallots-fresh (MT)	222	234	63,639	76,115	16	17	5,441	6,871
Peppers - fresh (MT)	55	57	53,273	62,916	7	9	6,532	7,098
Potatoes - fresh (MT)	213	213	63,642	64,120	56	56	14,443	14,728
Tomatoes - fresh (MT)	121	120	98,954	113,636	18	18	15,526	14,657
Other fresh vegetables (MT)	161	151	139,775	142,099	18	17	17,080	17,531
Vegetables - froz (MT)	519	552	405,926	421,561	63	58	47,749	45,584
Corn, sweet, frozen (MT)	52	57	44,583	48,207	6	5	4,984	4,788
Potatoes - frozen (MT)	374	404	274,321	291,168	48	43	34,239	31,753
Other frozen vegetables (MT)	92	91	87,022	82,186	9	10	8,527	9,043
Vegetables - canned (MT)	323	312	266,934	252,530	32	30	27,855	26,659
Pulses (MT)	381	418	189,333	195,852	27	38	13,441	18,223
Dried beans (MT)	254	274	140,531	143,308	19	27	9,294	14,159
Dried peas (MT)	75	83	26,206	29,593	3	6	1,224	2,574
Dried lentils (MT)	52	61	22,596	22,950	5	5	2,923	1,489
Hops, incl hop ext (MT)	8	10	74,828	103,656	1	1	6,212	7,523
Other veg - prep or pres (NA)	0	0	1,555,971	1,558,513	0	0	166,615	173,010
Oilseeds & prods (MT)	29,456	31,808	6,779,155	7,345,288	1,940	1,802	495,257	459,574
Oilcake & meal (MT)	5,436	5,659	989,275	1,120,221	454	498	87,674	93,069
Bran, hulls, legum. veg. (MT)	308	177	22,346	13,412	35	19	2,491	1,521
Corn oilcake & meal (MT)	46	7	4,561	798	0	1	3	131
Soybean meal (MT)	4,953	5,315	941,489	1,077,228	409	454	83,442	87,488
Other oilcake & meal (MT)	129	160	20,880	28,784	11	24	1,737	3,930
Oilseeds (MT)	22,340	24,554	4,725,294	5,324,870	1,320	1,143	304,269	274,490
Rapeseed (MT)	95	167	22,035	37,677	2	5	563	2,168
Safflower seeds (MT)	32	28	11,918	6,436	0	0	46	44
Soybeans (MT)	21,625	23,635	4,218,337	4,509,697	1,251	1,076	256,175	206,563
Sunflowerseeds (MT)	123	117	67,832	73,959	9	9	6,102	8,816
Peanuts, incl oilstock (MT)	35	17	27,996	14,026	1	1	1,145	578
Other oilseeds (MT)	329	480	81,023	118,109	45	40	11,422	9,461
Protein substances (MT)	101	111	296,154	564,966	11	12	28,816	46,859
Vegetable oils (MT)	1,680	1,595	1,064,585	900,196	166	161	103,314	92,015
Soybean oil (MT)	519	520	232,040	192,209	50	50	21,510	18,399
Cottonseed oil (MT)	47	42	26,658	20,664	3	3	2,151	1,377
Sunflower oil (MT)	223	212	120,983	95,245	19	17	10,071	7,951
Corn oil (MT)	332	301	205,477	147,996	39	41	20,360	19,945
Peanut oil (MT)	6	5	4,590	3,966	0	3	176	1,873
Rapeseed oil (MT)	101	58	44,239	21,385	9	7	4,547	2,881
Safflower oil (MT)	13	7	14,560	7,850	2	1	2,111	802

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	2000	2001	2000	2001	2000	2001	2000	2001
Other veg oils & waxes (MT)	440	450	416,038	410,880	43	39	42,387	38,786
Tobacco - unmfq (MT)	150	143	1,028,804	951,756	13	11	87,971	72,049
Tobacco - light air-cured (MT)	35	31	287,822	267,185	5	2	44,158	20,850
Tobacco - flue cured (MT)	71	63	516,341	470,200	3	5	20,489	33,840
Other tobacco - unmfq (MT)	45	49	224,642	214,372	5	3	23,323	17,359
Cotton, ex linters (MT)	1,202	1,153	1,449,077	1,524,720	111	170	147,600	202,308
Cotton linters (MT)	52	28	17,313	11,836	3	1	1,160	376
Essential oils (MT)	38	42	424,361	522,936	5	5	56,947	91,597
Seeds - field & garden (MT)	584	579	636,340	590,158	36	62	36,303	38,304
Sugar & tropical prods (NA)	0	0	1,159,293	1,386,909	0	0	127,839	167,976
Sugar & related prods (NA)	0	0	465,710	489,964	0	0	53,954	57,387
Sugar - cane or beet (MT)	96	74	31,486	28,863	6	14	2,527	3,625
Related sugar prods (NA)	0	0	434,224	461,101	0	0	51,428	53,762
Coffee (MT)	44	45	186,434	194,213	5	6	20,389	23,399
Cocoa (MT)	38	39	81,790	75,964	4	5	8,967	9,589
Chocolate & prep (MT)	88	146	255,775	434,571	9	19	24,198	57,077
Tea & mate (MT)	18	25	74,996	103,001	2	3	8,356	11,970
Spices (MT)	25	28	62,191	59,207	3	3	8,677	5,921
Rubber - crude natural (MT)	18	17	31,002	27,149	2	2	2,988	2,385
Fibers ex cotton (MT)	2	6	1,396	2,840	0	0	310	249
Other misc veg prods (MT)	0	0	336,155	394,429	0	0	38,015	37,748
Nursery & greenhouse prods (NA)	0	0	232,213	231,700	0	0	17,033	15,311
Beverages ex juices (NA)	0	0	574,371	618,269	0	0	109,120	73,543
Selected non-ag exports (NA)	0	0	10,298,783	10,121,032	0	0	1,184,207	967,666
Fertilizers (MT)	7	21	1,876,688	1,565,025	1	1	257,567	180,966
Nitrogen (MT)	4	18	1,870,724	1,559,432	0	0	256,992	180,362
Phosphate (MT)	3	2	5,965	5,593	0	0	575	603
Fish & shellfish (MT)	0	0	2,006,673	2,179,673	0	0	194,456	169,683
Fish - fr or prep (MT)	0	0	1,072,252	1,113,551	0	0	124,252	112,461
Shellfish (MT)	0	0	557,604	568,928	0	0	47,052	41,036
Other fish prods (MT)	184	199	376,817	497,195	16	13	23,151	16,187
Aq chemicals (MT)	220	335	1,256,820	1,300,428	22	38	131,451	155,219
Fungicides (MT)	22	25	122,031	122,197	3	4	15,752	23,342
Herbicides (MT)	120	97	647,645	637,605	12	11	70,364	71,364
Insecticides (MT)	46	180	304,138	307,933	4	20	29,236	36,065
Other pesticides (MT)	32	33	183,006	232,693	3	3	16,099	24,448
Farm machinery (NA)	0	0	2,326,806	2,277,047	0	0	275,953	274,680
Tractors & self-prop mach (NO)	32	30	830,892	746,465	4	4	113,327	102,455
Other ag machinery & parts (NA)	0	0	1,495,914	1,530,582	0	0	162,627	172,225
Tobacco - mfg (NA)	0	0	2,831,796	2,798,858	0	0	324,779	187,118

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(metric tons)

Wheat	Oct-Jun	Oct-Jun	Jun 2001	Corn	Oct-Jun	Oct-Jun	Jun 2001
	1999/2000	2000/2001			1999/2000	2000/2001	
Egypt	3,444,207	2,578,336	77,350	Japan	11,453,174	10,657,989	1,303,141
Japan	2,375,657	2,359,305	157,546	Mexico	3,482,691	4,157,652	69,197
Mexico	1,303,748	1,513,874	100,211	China (Taiwan)	3,986,768	3,593,242	337,706
Philippines	1,548,594	1,435,141	146,681	Egypt	2,278,383	2,299,805	370,497
Nigeria	769,013	1,085,591	253,662	Canada	563,503	1,846,971	266,397
South Korea	1,190,086	1,063,515	81,524	South Korea	1,979,464	1,723,591	239,638
China (Taiwan)	837,869	727,390	42,292	Colombia	1,373,463	1,224,599	185,787
European Union	1,004,663	719,718	77,775	Algeria	710,902	918,000	91,403
Indonesia	273,381	682,940	24,900	Dominican Republic	745,199	755,427	100,412
Colombia	484,490	463,399	69,636	Saudi Arabia	875,331	703,129	94,289
World	19,617,629	18,714,257	1,587,463	World	35,611,842	33,721,399	3,972,067

Soybeans	Oct-Jun	Oct-Jun	Jun 2001	Cotton	Oct-Jun	Oct-Jun	Jun 2001
	1999/2000	2000/2001			1999/2000	2000/2001	
European Union	6,568,823	5,678,707	192	Mexico	259,758	277,728	37,142
China (Mainland)	3,257,209	5,220,968	0	Turkey	158,136	114,398	18,606
Mexico	2,481,043	2,943,953	327,695	Indonesia	107,886	98,963	10,662
Japan	2,917,548	2,865,319	183,287	South Korea	54,639	87,803	9,083
China (Taiwan)	1,618,546	1,493,282	150,187	China (Taiwan)	93,987	67,675	6,447
Indonesia	778,364	938,654	116,481	Japan	79,420	60,152	6,121
South Korea	1,108,108	846,091	24,918	Canada	44,269	56,980	6,307
Thailand	654,377	627,305	18	Hong Kong	61,179	53,512	6,304
Israel	399,429	429,054	8,016	India	19,300	53,105	24,903
Canada	290,143	284,077	25,948	Thailand	50,616	40,449	7,104
World	21,624,833	23,634,780	1,075,766	World	1,202,453	1,153,147	169,984

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

Quantity and unit	October-June				June			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Total agricultural imports (NA)	0	0	29,843,918	29,603,476	0	0	3,298,931	3,244,578
Noncompetitive ag imports (NA)	0	0	6,246,028	4,989,725	0	0	664,913	518,718
Bananas & plantains (MT)	3,299	3,104	852,775	865,810	344	337	103,063	98,915
Coffee, incl prods (MT)	1,092	919	2,316,119	1,364,325	119	101	246,914	152,078
Cocoa & prods (MT)	820	663	1,131,353	997,283	67	61	97,920	95,290
Tea (MT)	130	123	189,443	195,705	18	17	23,129	24,420
Spices (MT)	121	120	376,749	384,396	13	14	40,684	41,077
Rubber & allied gums-crude(MT)	997	774	667,779	503,727	122	66	84,992	40,696
Silk - raw (MT)	0	0	110	124	0	0	10	4
Wool, unmfq - carpet (MT)	8	9	17,250	19,926	1	1	1,882	2,125
Fibers, excl cotton (MT)	62	57	29,204	24,996	6	7	2,806	2,577
Essential oils (NA)	0	0	248,749	232,284	0	0	23,186	23,001
Drugs - crude natural (MT)	53	52	416,498	401,151	4	4	40,327	38,534
Competitive ag imports (NA)	0	0	23,597,890	24,613,750	0	0	2,634,019	2,725,860
Animals & prods (NA)	0	0	6,145,458	6,746,465	0	0	712,088	799,370
Animals-live, ex poultry (NO)	0	0	1,387,830	1,724,957	0	0	122,548	146,058
Cattle and calves (NO)	1,775	2,037	879,114	1,121,318	136	152	82,896	105,483
Horses, mules, burros (NO)	225	26	303,101	349,601	7	4	12,241	12,131
Swine (NO)	3,111	3,645	194,910	242,887	377	402	26,707	27,575
Sheep, live (NO)	39	69	4,115	7,340	4	7	423	647
Other live animals (NO)	0	0	6,590	3,811	0	0	281	223
Meats & prods, ex poultry (MT)	0	0	2,741,921	2,970,425	0	0	346,398	387,296
Beef & veal (MT)	754	771	1,766,154	1,916,827	96	98	233,222	259,190
Beef & veal - fr or froz (MT)	698	718	1,620,428	1,772,098	91	90	219,870	238,499
Beef & veal - prep or pres (MT)	56	53	145,726	144,729	5	8	13,352	20,691
Pork (MT)	303	288	709,588	739,533	33	32	82,889	89,516
Pork - fr or froz (MT)	234	229	483,069	535,003	25	26	57,219	68,589
Pork - prep or pres (MT)	69	59	226,519	204,530	8	6	25,669	20,927
Mutton, goat & lamb (MT)	44	53	154,452	184,327	5	7	16,708	25,214
Horsemeat - fr or froz (MT)	0	0	12	28	0	0	12	0
Variety meats - fr or froz (MT)	40	46	72,489	78,622	5	5	9,102	8,997
Other meats - fr or froz (MT)	2	3	13,730	20,138	0	0	1,557	1,117
Other meats & prods (MT)	7	9	25,496	30,950	1	1	2,908	3,263
Poultry and prods (NA)	0	0	206,516	196,920	0	0	35,587	26,334
Poultry - live (NA)	9,156	9,557	17,166	18,823	1,320	1,254	2,516	1,963
Poultry meat (MT)	12	16	33,877	50,836	1	2	4,020	4,569
Eggs (NA)	0	0	14,135	12,554	0	0	1,349	1,655
Feathers & down - crude (MT)	21	18	141,338	114,707	3	3	27,702	18,147
Dairy products (NA)	0	0	1,222,797	1,266,541	0	0	148,604	178,594
Milk & cream, fr or dried (MT)	0	0	29,819	33,672	0	0	1,602	3,815
Butter & butterfat mixtures (MT)	13	28	20,935	46,815	3	9	4,909	14,532
Cheese (MT)	147	142	524,551	518,634	15	19	54,786	67,054
Casein & mixtures (MT)	89	81	343,737	390,607	13	11	50,818	55,423
Other dairy prods (NA)	0	0	303,755	276,813	0	0	36,488	37,769
Fats, oils, & greases (MT)	83	76	54,365	46,497	8	10	5,429	5,336
Hides & skins (NA)	0	0	132,233	137,250	0	0	11,704	12,296
Sheep & lamb skins (MT)	1	1	3,650	4,090	0	0	357	186
Other hides & skins (NA)	0	0	78,770	76,311	0	0	8,862	9,644
Furskins (NA)	4,267	4,132	49,813	56,850	397	223	2,485	2,466
Wool-unmfq, apparel grade(MT)	11	8	32,903	22,557	1	0	2,098	1,478
Sausage casings (MT)	9	10	45,624	44,662	1	1	5,535	6,189
Bull semen (NA)	0	0	14,734	13,338	0	0	940	1,159
Misc animal prods (NA)	0	0	306,535	323,318	0	0	33,246	34,630
Grains & feeds (MT)	0	0	2,264,471	2,344,993	0	0	260,741	251,506
Wheat, ex seed (MT)	1,309	1,423	161,930	183,078	158	151	20,318	20,848
Corn, unmilled (MT)	192	77	20,642	10,151	26	12	2,571	1,730
Oats, unmilled (MT)	1,117	1,253	96,246	105,908	58	58	5,159	6,333
Barley, unmilled (MT)	500	525	67,403	66,234	52	85	6,977	10,178
Rice (MT)	256	259	142,441	135,586	21	24	12,390	10,689
Biscuits & wafers (MT)	297	334	664,895	710,893	32	35	66,793	68,584
Pasta & noodles (MT)	219	216	214,054	193,384	21	25	21,207	21,618
Other grains & preps (NA)	0	0	537,332	565,624	0	0	77,187	70,751
Feeds & fodders, ex oilcake(MT)	953	940	359,528	374,137	98	97	48,137	40,775
Fruits & preps (MT)	3,144	3,147	2,182,854	2,312,721	262	273	203,210	282,132
Fruits - fr or froz (MT)	2,598	2,605	1,681,426	1,818,121	195	214	145,284	229,458
Apples, fresh (MT)	127	120	69,405	71,944	21	23	10,325	14,305
Avocados (MT)	44	60	62,982	77,486	0	0	224	247
Berries, excl strawberries (MT)	59	60	91,747	91,379	3	3	4,655	4,793
Citrus, fresh (MT)	246	274	147,137	168,944	20	25	5,373	9,803
Grapes, fresh (MT)	449	410	516,464	560,995	46	57	64,081	139,919
Kiwi fruit, fresh (MT)	35	39	24,923	23,176	5	8	3,808	4,796
Mangoes (MT)	184	152	117,861	103,523	46	33	25,518	20,793
Melons (MT)	900	876	261,102	285,818	6	6	1,514	1,822
Peaches (MT)	43	54	38,020	45,968	0	0	0	0
Pears (MT)	89	84	75,900	78,352	2	4	2,776	3,496
Pineapples, fresh/frozen (MT)	233	270	84,206	119,237	27	34	10,799	14,317
Plums (MT)	23	33	22,752	28,933	0	0	0	0
Strawberries, fresh or froz (MT)	68	57	80,076	68,118	7	5	6,447	4,035
Other fruits, fresh or froz (MT)	100	116	88,851	94,247	11	15	9,762	11,133
Fruits - prep or pres (MT)	546	542	501,428	494,600	67	59	57,926	52,674
Pineapples - can. or prep.(MT)	236	200	143,959	117,391	28	21	16,028	11,979
Other fruits - prep or pres (MT)	310	342	357,469	377,209	39	38	41,898	40,695
Fruit juices (HL)	24,814	21,932	603,036	494,253	2,546	2,648	69,167	58,388
Apple juice (HL)	8,969	9,000	209,955	175,489	939	1,391	25,463	24,059
Grape juice (HL)	1,462	1,141	61,547	37,487	200	111	7,386	2,918
Grapefruit juice (HL)	185	34	4,307	1,207	0	2	31	97
Lemon juice (HL)	400	547	6,369	11,483	94	51	2,121	1,099

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

Quantity and unit	October-June				June			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Lime juice (HL)	121	97	3,371	2,796	23	8	646	253
Orange juice (HL)	10,185	7,618	194,829	147,198	835	655	16,255	14,367
Pineapple juice (HL)	1,933	1,987	44,778	56,067	254	261	6,138	7,296
Other fruit juice (HL)	1,558	1,508	77,879	62,525	200	171	11,128	8,299
Nuts & preps (MT)	189	200	604,929	502,315	21	18	66,182	43,317
Brazil nuts (MT)	9	7	18,339	13,793	2	1	3,677	1,720
Cashew nuts (MT)	63	60	369,098	269,150	9	6	47,093	26,435
Chestnuts (MT)	4	4	9,657	9,139	0	0	7	36
Coconut meat (MT)	60	57	55,784	42,308	7	6	5,827	4,476
Filberts (MT)	5	5	18,935	17,099	0	1	1,203	2,321
Macadamia nuts (MT)	4	3	23,935	21,367	0	0	1,194	1,843
Pecans (MT)	16	25	50,668	60,338	1	0	3,373	232
Pistachio nuts (MT)	0	1	1,296	2,385	0	0	86	405
Other nuts (MT)	28	38	57,218	66,736	2	3	3,721	5,850
Vegetables & preps (NA)	0	0	3,686,136	4,053,322	0	0	357,269	381,372
Vegetables - fr or froz (MT)	3,115	3,289	2,203,025	2,535,600	221	243	197,693	208,236
Tomatoes (MT)	596	742	484,643	633,988	52	62	54,927	57,414
Asparagus, fresh or frozen(MT)	54	54	89,741	93,739	3	4	4,664	6,608
Beans, fresh or frozen (MT)	33	36	38,856	43,590	2	2	2,332	1,628
Cabbage (MT)	22	43	5,864	11,570	2	2	498	634
Carrots, fresh or frozen (MT)	59	73	16,922	21,120	4	5	1,292	1,841
Cauliflower & broccoli, fr/fz(MT)	182	196	120,105	130,908	12	14	8,352	9,836
Celery, fresh (MT)	25	30	8,258	11,360	0	0	11	193
Cucumbers (MT)	309	333	146,010	171,797	14	16	8,269	12,343
Eggplant (MT)	38	39	23,109	28,285	1	1	405	500
Endive, fresh (MT)	2	2	3,579	3,681	0	0	471	424
Garlic (MT)	22	29	20,170	31,286	5	5	5,097	6,184
Lettuce (MT)	14	16	10,885	12,449	1	2	743	1,229
Okra, fresh or frozen (MT)	17	17	9,091	9,348	5	5	2,027	1,995
Onions (MT)	195	225	116,741	147,651	13	12	6,832	7,256
Peas, incl chickpeas (MT)	32	31	32,050	28,143	3	2	2,212	1,654
Peppers (MT)	279	275	374,397	423,260	20	20	42,112	39,216
Potatoes, fresh or frozen (MT)	755	651	344,829	319,432	55	63	33,583	32,615
Radishes, fresh (MT)	13	14	11,484	11,718	0	1	268	378
Squash (MT)	151	161	107,249	135,596	3	4	2,356	3,698
Other vegs - fr or froz (MT)	317	322	239,041	266,679	26	25	21,243	22,590
Vegetables-prep/pres (NA)	0	0	1,483,111	1,517,722	0	0	159,576	173,136
Bamboo shoots, presvd.(MT)	19	23	11,915	13,566	1	1	836	821
Bean cake, miso (MT)	5	6	11,734	11,907	1	1	1,094	1,406
Cucumbers, preserved (MT)	41	36	22,127	22,180	3	3	1,805	2,006
Garlic, dried (MT)	13	16	7,396	8,236	2	2	1,377	1,000
Olives - prep or pres (MT)	67	82	138,234	147,570	9	9	16,766	17,842
Mushrooms, canned (MT)	49	45	95,497	83,777	6	4	10,908	7,288
Mushrooms, dried (MT)	2	2	18,504	13,727	0	0	1,934	1,413
Onions, preserved (MT)	2	2	3,264	3,188	0	0	293	277
Hops, incl extract (MT)	5	4	28,355	20,244	0	0	689	1,196
Artichokes - prep (MT)	22	26	42,386	39,732	4	4	6,912	5,886
Asparagus - prep (MT)	1	1	2,006	1,478	0	0	72	224
Tomatoes, in. paste/sauce(MT)	45	68	55,340	66,517	5	11	6,064	7,590
Waterchestnuts (MT)	31	27	16,841	13,406	3	3	1,596	1,364
Beans & peas, dried (MT)	58	65	32,354	37,825	6	8	3,752	5,062
Mustard (MT)	13	16	12,596	13,084	2	2	1,555	1,269
Peppers & pimentos, prep (MT)	19	20	21,871	22,068	3	2	2,685	2,122
Soy sauce (MT)	30	35	31,191	34,568	4	4	3,916	3,857
Starches, ex. wheat & corn (MT)	145	126	73,665	60,918	16	12	8,409	5,930
Soups & sauces (MT)	173	178	240,883	258,063	15	17	21,933	25,664
Vinegar (HL)	266	280	30,470	33,154	34	32	3,817	3,623
Yeasts (MT)	43	52	47,543	56,323	5	6	5,199	7,129
Oth. vegetables-prep/pres (NA)	0	0	538,940	556,190	0	0	57,966	70,168
Sugar & related prods (NA)	0	0	1,091,342	1,140,642	0	0	118,357	120,467
Sugar - cane & beet (MT)	892	897	325,925	339,039	101	61	30,167	25,102
Molasses (HL)	6,541	7,512	42,243	66,675	705	1,017	5,355	11,511
Confectionery prods (MT)	233	254	545,846	557,106	25	30	62,177	66,331
Oth. sugar & related prods (MT)	392	353	177,327	177,822	43	37	20,658	17,522
Spices (MT)	37	39	52,399	51,492	7	6	7,077	7,101
Tobacco - unmfng (MT)	170	158	492,674	501,264	34	20	98,963	68,450
Tobacco - filler (MT)	140	139	466,282	460,896	29	19	92,709	65,924
Tobacco - scrap (MT)	30	17	12,564	10,020	5	1	2,439	541
Other tobacco (MT)	1	1	13,828	30,348	0	0	3,815	1,985
Beverages, ex fruit juices (HL)	0	0	3,436,257	3,684,801	0	0	440,190	466,239
Wine (HL)	3,396	3,590	1,683,808	1,678,777	398	404	189,760	187,101
Malt beverages (HL)	16,238	18,334	1,510,578	1,690,736	2,326	2,531	212,986	228,609
Other beverages (HL)	0	0	241,871	315,288	0	0	37,444	50,528
Oilseeds & prods (MT)	2,997	3,022	1,448,042	1,276,896	397	376	177,222	135,605
Oilseeds & oilnuts (MT)	747	646	243,055	213,179	139	138	42,364	26,496
Flaxseed (MT)	118	41	24,636	10,055	11	8	2,158	1,656
Mustard seeds (MT)	42	38	12,885	10,482	6	5	1,642	1,255
Rapeseed (MT)	245	195	54,231	42,952	33	45	6,076	8,314
Sesameseed (MT)	39	36	45,000	37,281	4	4	5,284	3,713
Soybeans (MT)	91	75	20,909	20,204	14	10	2,762	2,183
Sunflower seeds (MT)	181	217	8,536	11,844	3	4	827	1,022
Other oilseeds & oilnuts (MT)	180	44	76,857	80,360	69	62	23,615	8,352
Oils & waxes-vegetable (MT)	1,337	1,443	1,090,630	943,150	148	157	120,618	97,899
Castor oil (MT)	34	38	31,963	26,639	0	0	134	41
Coconut oil (MT)	316	393	204,082	146,833	45	53	25,652	16,863
Cottonseed oil (MT)	4	0	1,793	52	2	0	1,136	0
Olive oil (MT)	139	155	318,391	287,236	20	18	42,137	32,208

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

Quantity and unit	October-June				June			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Palm oil (MT)	125	125	39,976	39,769	11	16	3,121	4,921
Palm kernel oil (MT)	141	119	95,839	55,616	7	6	4,568	2,763
Peanut oil (MT)	1	30	1,973	20,267	0	2	142	1,195
Rapeseed oil (MT)	395	392	183,357	149,562	42	39	19,550	14,518
Soybean oil (MT)	29	27	14,236	11,518	3	2	1,590	880
Sesame oil (MT)	6	7	18,981	19,130	1	1	1,808	1,658
Other vegetable oils (MT)	147	156	180,038	186,528	17	19	20,779	22,852
Oilcake & meal (MT)	914	933	114,358	120,566	109	81	14,240	11,210
Cotton, excl linters (MT)	11	3	21,215	5,585	1	1	1,440	1,979
Cotton linters (MT)	17	39	3,795	14,356	2	3	503	1,406
Seeds - field & garden (MT)	405	256	418,041	358,364	13	14	27,732	24,334
Cut flowers (NA)	0	0	513,216	479,430	0	0	43,293	35,848
Nursery stock, bulbs, etc. (NA)	0	0	404,297	440,810	0	0	25,318	27,873
Other vegetable prods (MT)	0	0	229,728	206,041	0	0	25,268	20,472
Selected non-ag imports (NA)	0	0	12,875,780	14,065,519	0	0	1,487,212	1,447,253
Fertilizers (MT)	19,694	24,055	2,152,434	2,995,260	1,531	1,634	206,255	185,522
Potassium (MT)	7,336	7,256	588,926	573,057	427	411	40,285	34,799
Nitrogen (MT)	7,425	11,508	995,554	1,731,954	563	707	93,798	86,514
Phosphate (MT)	4,923	5,283	561,660	683,639	540	515	71,625	63,528
Fish (MT)	0	0	6,844,465	7,149,331	0	0	828,497	860,036
Fish fresh or prep (MT)	0	0	2,888,011	2,847,375	0	0	306,946	314,023
Shellfish (MT)	434	457	3,906,777	4,244,428	57	64	516,549	540,711
Fish prods, other (MT)	36	42	49,678	57,528	3	4	5,003	5,301
Ag chemicals (MT)	113	119	784,338	954,006	13	12	87,524	76,806
Fungicides (MT)	30	25	146,234	155,279	5	3	35,161	15,639
Herbicides (MT)	27	42	246,848	360,508	2	5	24,227	23,135
Insecticides (MT)	20	17	101,680	182,569	2	1	10,116	13,419
Other pesticides (MT)	36	34	289,577	255,649	3	3	18,020	24,614
Farm machinery (NA)	0	0	2,746,184	2,627,568	0	0	322,440	284,017
Tractors & self-prop mach (NO)	7,000	6,288	1,369,398	1,213,019	560	390	166,288	131,234
Other ag mach & parts (NA)	0	0	1,376,785	1,414,549	0	0	156,152	152,783
Tobacco - mfg (NA)	13	13	348,359	339,355	1	2	42,497	40,873

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	May	Jun.	Year-to-date	% Change
Exports	4,143	4,092	40,664	5
Imports (c.i.f.)	3,610	3,482	32,115	-1
Imports (customs value)	3,346	3,245	29,603	-1
Trade Balance:				
Exports less c.i.f. imports	534	609	8,548	35
Exports less customs-val. imports	797	847	11,060	24
Exports by major commodity group				
Live animals	40	31	681	19
Meat & poultry	668	652	5,591	0
Dairy prod & eggs	125	107	998	13
Hides & skins	171	200	1,465	38
Wheat	249	214	2,407	0
Rice	45	44	591	-19
Corn	264	353	3,172	-7
Other feed grains	70	51	595	17
Animal feeds	349	319	3,238	15
Soybeans	202	207	4,510	7
Vegetable oils	101	92	900	-15
Fruits & nuts	397	408	3,606	8
Vegetables	408	387	3,492	3
Cotton & linters	186	203	1,537	5
Tobacco, unmfq.	105	72	952	-7
Seeds & nursery	66	54	822	-5
Imports customs value by major commodity group				
Live animals	169	148	1,744	24
Meat & poultry	345	392	3,021	9
Dairy prod. & eggs	152	180	1,279	3
Grains & feeds	260	263	2,466	4
Fruits & nuts	445	483	4,175	-2
Vegetables	443	381	4,053	10
Vegetable oils	96	98	943	-14
Wine	177	187	1,679	0
Malt beverages	236	229	1,691	12
Coffee	156	152	1,364	-41
Cocoa	108	95	997	-12
Rubber, natural	53	41	504	-25
Cane & beet sugar	35	25	339	4
Tobacco, unmfq.	64	68	501	2
Seeds & flowers	171	88	1,279	-4

Preliminary data.



## U.S. Agricultural and Food Trade Boosts Overall Economy

U.S. agricultural exports generate employment, income, and purchasing power in both the farm and nonfarm sectors. Each farm export dollar earned stimulated another \$1.47 in business activity in calendar year 2000. The \$51.6 billion of agricultural exports in 2000 produced an additional \$75.7 billion in economic activity. Agricultural exports also generated 740,000 full-time civilian jobs, which include 444,000 jobs in the nonfarm sector. Farmers' purchases of fuel, fertilizer, and other inputs to produce commodities for export spurred economic activity in the manufacturing, trade, and transportation sectors.

Production from more than a third of U.S. cropland moved into export channels in 2000. Of raw crops, the United States exported more than 40 percent of food grain production, more than 20 percent of feed grains, and more than 30 percent of oilseeds. Export-related employment peaked in 1981 when bulk and processed agricultural exports provided jobs for 1.2 million workers. In 2000, exports generated \$127.3 billion in business activity—\$51.6 billion from exports and \$75.7 billion from supporting activities. Net agricultural exports in 2000 contributed \$12.6 billion to the overall U.S. trade balance, an increase from \$10.4 billion in 1999.

### Exports Generate New Business, Add Jobs

Of the \$51.6 billion in U.S. agricultural exports in 2000, the value of exported raw products was \$18.1 billion, \$22.5 billion of processed commodities, and \$11 billion for transport and trade services. The \$75.7 billion in 2000 supporting activity included \$14.3 billion from the farm sector, \$5.5 billion from the food processing sector, \$16.8 billion from other manufacturing sectors, \$12.8 billion from trade and transportation, and \$26.4 billion from other services. Nonfarm sectors of the economy received about 81 percent of the additional economic activity.

Employment required to produce 2000's agricultural exports increased slightly from 1999. Factors such as export commodity mix, price changes, and the volume of goods exported contributed to the rise. Of the 740,000 full-time civilian jobs related to agricultural exports in 2000, more than 296,000 were U.S. farm workers. In addition, 444,000 jobs in the nonfarm sector were involved in assembling, processing, and distributing of agricultural products for export. About 70,000 of those were in food processing, 135,000 in trade and transportation, 59,000 in other manufacturing sectors, and 180,000 in other services.

Bulk exports have a smaller proportional effect on the nonfarm economy than processed, or high-value exports. Bulk exports generated an additional \$22 billion of business activity while non-bulk exports generated \$53.7 billion—i.e., \$1.18 additional output per dollar of bulk exports, \$1.63 for non-bulk exports, and \$1.47 for all agricultural exports. The additional business activity attributed to bulk exports was distributed across economic sectors as follows: 4 percent in farming, 28 percent in manufacturing, 50 percent in other services, and 18 percent in wholesale and retail trade and transportation. In contrast, the additional business activity for non-bulk exports were 25 percent in farming, 30 percent in manufacturing, 28 percent in other services, and 17 percent in wholesale and retail trade, and transportation. Of the 740,000 jobs related to U.S. agricultural exports, 420,000 (57 percent) supported non-bulk exports.

### Impacts of Agricultural Imports on U.S. Output

The domestic output effect of the \$31.2 billion of competitive imports in 2000 was \$75.4 billion. Each dollar spent on imports would have required another \$1.42 in supporting goods and services if those imported items had been produced domestically, indicating an output multiplier of 2.42.

U.S. agricultural trade positively affects most sectors of the economy. The farm sector's \$32.3 billion of output associated with agricultural exports more than doubled the \$16.2 billion of farm output implicitly lost because of competitive agricultural imports. All manufacturing, including the food processing sectors, gained \$14.3 billion in total output, about 53,000 jobs and \$3 billion in income. The U.S. economy gained a net \$31.5 billion in output after considering the theoretical loss to competitive agricultural imports. Outside of farming and food processing, the United States accrued a net \$5.2 billion from agricultural trade.



## Economic Impacts of Food Trade

Each dollar of food exports in 2000 stimulated another \$1.46 in supporting activities to produce and deliver these exports. Thus, the \$47.1 billion of food exports in 2000 stimulated an additional \$68.9 billion, for a total \$116 billion in business activity. Food exports generated an estimated 697,000 full-time civilian jobs, including 441,000 jobs in the nonfarm sector. Net food exports in 2000 contributed \$3.8 billion to the U.S. trade balance compared to the \$12.6 billion trade surplus contributed by all agricultural exports.

Of the \$47.1 billion of food products exported in 2000, the value of exported raw products was \$14.6 billion; processed commodities, \$23.8 billion; and transportation and trade services for raw and processed products, \$8.6 billion. Food trade in 2000 supported \$68.9 billion in additional activity, including \$12.1 billion in the farm sector, \$5.2 billion in the food processing sector, \$15.0 billion in other manufacturing sectors, \$11.9 billion in trade and transportation, and \$24.6 billion in other services. Nonfarm sectors of the economy received about 82 percent of the additional economic activity.

Almost 700,000 full-time jobs were required to support food exports, 256,000 U.S. farmworkers or 8 percent of the farm labor force and 441,000 jobs in the nonfarm sector. About 79,000 of these were in food processing, 131,000 in trade and transportation, 55,000 in other manufacturing sectors, and 176,000 in other services. Farm workers suffer most by comparison with jobs generated by all agricultural exports. The addition of seafood and distillery products in the food total does little to generate farm jobs.

## Impacts of Food Imports on U.S. Output

The domestic output effect of the \$43.3 billion of competitive food imports in 2000 was \$102.6 billion. Each dollar spent on these imports would have required another \$1.37 in supporting goods and services if those imported items had been produced domestically, an output multiplier of 2.37. The economywide 2000 net business surplus for food trade was an estimated \$13.4 billion, a result of \$116 billion of total output generated by food exports minus \$102.6 billion stimulated by food imports.

U.S. food trade positively affects most sectors of the economy. The farm sector's \$26.7 billion of output associated with food exports in 2000 is almost twice the \$15.1 billion of farm output implicitly lost because of competitive food imports. The farm sector received 22 percent of its income from food exports, while the food processing sector received 14 percent, reflecting the importance of raw food commodities in U.S. export earnings. In contrast, 12 percent of the farm sector's income and 24 percent of the food processing sector's income were earned from food imports, reflecting the greater importance of processed food products in the output contribution from food imports.

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Table 5--U.S. economic activity generated by agricultural and food trade

	1999	2000	2000		
	Total	Total	Bulk	Nonbulk	Food
			<u>Billion \$</u>		
Economic activity generated by agricultural exports	115.6	127.3	40.6	86.7	116.0
Exports	48.3	51.6	18.6	33.0	47.1
Agricultural imports	37.9	39.0	1.5	37.5	43.3
Noncompetitive	8.0	7.8	0.0	7.8	0
Competitive	29.9	31.2	1.5	29.7	43.3
Agricultural trade balance	10.4	12.6	17.1	-4.5	3.8
Supporting activities	67.3	75.7	22.0	53.7	68.9
Farm	12.8	14.3	0.8	13.5	12.1
Food processing	5.1	5.5	0.1	5.4	5.2
Other manufacturing	15.0	16.7	6.1	101.0	15.0
Trade and transportation	11.7	12.8	3.9	8.9	11.9
Other services	22.7	26.4	11.1	15.3	24.6
			<u>Percent</u>		
Nonfarm share of supporting economic activity	81.0	81.0	96.0	75.0	82.0
Export multiplier (additional business activity generated by \$1 of exports)	1.4	1.5	1.2	1.6	1.5
			<u>1000 Jobs</u>		
Employment generated by agricultural exports	735.0	740.0	320.0	420.0	697.0
Farm	295.0	296.0	177.0	119.0	256
Employment per billion dollars of agricultural exports	15.2	14.3	17.2	12.7	14.8
			<u>Percent</u>		
Share of farm workforce supported by agricultural exports	9.0	9.0	5.0	4.0	8.0
			<u>1000 Jobs</u>		
Nonfarm	440.0	444.0	143.0	301.0	441.0
Food processing	71.0	70.0	0.0	70.0	79.0
Other manufacturing	59.0	59.0	19.0	40.0	55.0
Trade and transportation	135.0	135.0	52.0	83.0	131.0
Other services	175.0	180.0	72.0	108.0	176.0
			<u>Billion \$</u>		
Domestic equivalent of economic activity generated by competitive imports	70.6	75.4	3.3	72.1	102.6
Net business surplus of agricultural trade	45.0	51.9	37.3	14.6	13.4
Nonfarm, nonfood processing sectors:					
Net direct benefit from exports	4.6	5.2	3.8	1.4	0.8
Net increased output from exports	20.9	24.6	19.4	5.2	7.8
			<u>Percent</u>		
Farm share of total income from exports	24.0	24.0	35.0	17.0	22.0
Trade and transportation share of total income from exports	25.0	24.0	24.0	25.0	25.0

Source: ERS, U.S. Department of Agriculture.

