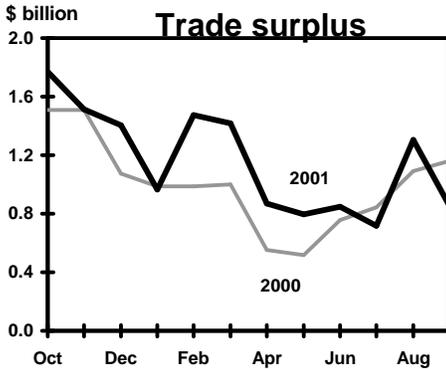


U.S. Agricultural Trade Update

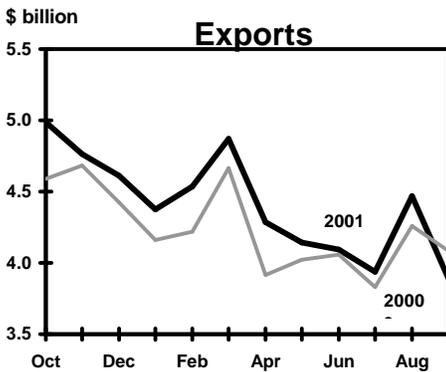
Economic Research Service
U.S. Department of Agriculture

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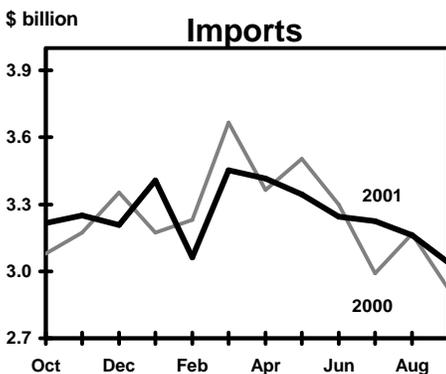
Summary—The U.S. agricultural trade surplus in fiscal 2001 climbed to \$13.9 billion from \$12 billion in fiscal 2000. The \$1.9-billion growth in the surplus is due almost entirely to \$2.1 billion more exports compared with last year. Total 2001 farm exports of \$53 billion and total imports of \$39 billion compare with \$50.9 and \$38.9 billion, respectively, in 2000. Exports declined in September 2001 from the same month in 2000, as world demand weakened significantly.

Exports—Although bulk commodity sales were down \$77 million from last year, high-value exports were up \$2.1 billion. For bulk commodities, the declines in wheat, corn, rice, and tobacco exports were greater than the gains in cotton, soybean, and other coarse grains.



Wheat exports from October 2000 to September 2001 were \$132 million below last year's sales as volume dipped by 2.5 million tons. Shipments totaled \$3.2 billion and 25.3 million tons in 2001. Although wheat prices in 2001 are 18 percent higher on average than in 2000, weaker world demand and competition from other large exporters reduced U.S. sales. Wheat shipments to Egypt were down 1.8 million tons as local stocks were drawn down and subsidies for flour consumption were reduced. Also, exports to Russia, Israel, Pakistan, the Philippines, and South Korea were lower.

Although **corn** prices in 2001 were 2.8 percent higher than in 2000, smaller volume shipments caused corn export value to drop by \$92 million. Volume shipped of 48.2 million tons amounted to \$4.5 billion in export value in 2001. Competition from Argentina, China, South Africa, and other exporters eroded U.S. market share. U.S. corn sales dropped to the Mideast, Japan, Russia, and South America.



Soybean export value and quantity in 2001 were virtually unchanged from 2000 despite reduced shipments in September 2001. Sales in 2001 totaled 26.6 million tons, valued at \$5.1 billion. Soybean prices weakened from 2000 as record supplies flooded world markets. U.S. shipments to the European Union, South Korea, and Southeast Asia fell, but rose to China and Mexico.

In contrast to other major bulk commodities, **cotton** and **liners** exports in 2001 were up \$271 million and 154,000 tons. Cotton exports amounted to \$2.1 billion and 1.7 million tons in

2001. Cotton prices were 11 percent lower than in the past year as U.S. and world production increased. Despite competition from China, Pakistan, and Central Asia, U.S. cotton exports rose to India and other South Asian markets, as well as to Mexico and South Korea.

Exports of **high-value products (HVP)** increased for the second consecutive year, lifting the total U.S. farm export value. HVP sales of \$35.3 billion in fiscal 2001 were \$2.1 billion more than in 2000. Export gains were highest for hides and skins, feeds and fodders, poultry, sugar and tropical products, tree nuts, fruits, and dairy products. Gains in sales of livestock products and poultry were largest to Mexico, Russia, and China. For feeds, horticulture, and tropical products, export gains were largest to Mexico, the Mideast, and Southeast Asia.

Imports—U.S. agricultural imports, \$39 billion in fiscal 2001, were up \$106 million from 2000 due to larger purchases of animals and red meats, vegetables, and malt beverages. Imports of nuts and tropical products—coffee, cocoa, rubber, and gums—were all down from 2000 because of lower prices. In spite of a weaker U.S. economy, total imports still increased due in part to the strong U.S. dollar. While imports from most countries declined, imports from Canada, Mexico, Australia, and New Zealand were sharply higher in 2001. [Andy Jerardo, 202-694-5323, ajerardo@ers.usda.gov]

The export share of U.S. agricultural production recovered from 17 percent in 1999 to 18 percent in 2000. This share was still below 19.7 percent in 1996, before the U.S. dollar strengthened and bulk commodity prices started falling. The products that significantly gained export share from 1999 were red meats, poultry, oilseeds, cotton, and tobacco. The aggregate export share of livestock products was 9.4 percent in 2000, up from 8.4 percent in 1999. For crops, the aggregate export share climbed to 27.2 percent from 26 percent in 1999. In general, export shares of horticulture products were up from 1999, especially for fresh oranges, grapes, prunes, broccoli, tomatoes, and frozen vegetables.

Next update: December 27, 2001

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

Quantity and unit	October-September				September			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Total agricultural exports (NA)	0	0	50,910,984	52,960,772	0	0	4,084,502	3,890,896
Animals & animal prods (NA)	0	0	11,636,701	12,363,983	0	0	918,081	951,424
Animals live - ex poultry (NA)	0	0	608,415	727,211	0	0	41,168	19,506
Cattle & calves - live (NO)	429	707	237,195	271,495	24	20	13,508	11,153
Horses, mules, burros-live (NO)	84	70	338,174	426,894	5	3	25,458	5,828
Swine - live (NO)	80	30	12,169	8,623	1	5	296	951
Sheep, live (NO)	387	358	17,996	17,512	33	32	1,545	1,364
Other live animals (NA)	0	0	2,881	2,686	0	0	361	211
Meats & meat prods (MT)	2,457	2,480	5,454,411	5,261,905	196	204	408,787	435,720
Beef & veal (MT)	867	777	3,107,842	2,692,482	66	72	230,859	233,097
Beef & veal - fr or froz (MT)	846	754	3,032,924	2,610,635	64	69	224,676	226,080
Beef - prep or pres (MT)	21	23	74,918	81,847	2	2	6,183	7,017
Horsemeat-fr, chill, froz (MT)	11	12	31,596	40,399	1	1	2,203	2,951
Lamb,mutton or goat-fr,ch,frz(MT)	2	3	5,453	6,208	0	0	173	425
Pork (MT)	468	516	1,271,588	1,329,401	36	33	92,729	93,090
Pork - fr or froz (MT)	417	465	1,144,645	1,194,152	30	29	79,653	82,575
Pork - prep or pres (MT)	51	51	126,943	135,249	6	4	13,076	10,515
Variety meats, edible offals (MT)	583	685	745,300	927,557	47	53	59,467	81,380
Other meats - fr or prep (MT)	526	488	292,631	265,857	46	45	23,356	24,777
Poultry & poultry prods (NA)	0	0	2,252,457	2,528,917	0	0	188,437	211,091
Poultry - live (NA)	50,970	58,359	100,069	100,031	3,997	3,407	7,211	6,659
Baby chicks (NO)	40,074	50,980	86,094	89,104	3,016	2,749	5,957	5,821
Other live poultry (NA)	10,896	7,379	13,975	10,927	981	658	1,254	838
Poultry meats (MT)	2,845	3,101	1,961,327	2,228,372	227	242	164,855	187,974
Chickens - fr or froz (MT)	2,575	2,743	1,549,394	1,717,007	201	214	125,971	147,078
Turkeys - fr or froz (MT)	183	211	194,765	231,400	18	18	18,954	20,710
Other poultry - fr or froz (MT)	7	5	10,951	9,350	0	1	452	740
Poultry meats-prep or pres(MT)	81	142	206,216	270,614	7	10	19,479	19,446
Feathers & downs, crude (MT)	4	4	18,891	20,471	0	0	1,883	1,429
Eggs (NA)	0	0	172,170	180,043	0	0	14,487	15,029
Dairy prods (NA)	0	0	995,886	1,138,012	0	0	77,485	84,462
Evap & condensed milk (MT)	6	7	4,484	5,936	0	1	164	1,141
Nonfat dry milk (MT)	131	98	191,933	195,458	8	9	15,977	18,739
Butter & anhyd milkfat (MT)	2	2	3,274	4,033	0	0	190	379
Cheese (MT)	44	52	134,103	158,511	4	4	10,858	13,159
Whey, fluid or dried (NA)	0	0	153,433	164,257	0	0	10,579	11,115
Other dairy prods (NA)	0	0	508,660	609,816	0	0	39,717	39,930
Fats, oils, & greases (MT)	1,206	1,051	420,765	321,584	112	86	32,643	31,517
Lard (MT)	100	61	44,785	30,246	5	4	2,369	1,890
Tallow - inedible (MT)	803	632	249,415	177,387	70	59	18,915	20,388
Other animal fats & oils (MT)	303	357	126,565	113,952	36	24	11,358	9,239
Hides & skins, incl furs (NA)	0	0	1,479,151	1,953,546	0	0	131,437	143,154
Bovine hides - whole (NO)	21,837	22,808	1,166,404	1,457,145	1,691	1,949	96,415	113,864
Other cattle hides - pieces (NA)	0	0	39,809	42,554	0	0	2,796	2,536
Calf skins, whole (PC)	1,300	1,736	39,139	56,982	147	63	7,107	1,749
Horse hides, whole (PC)	658	4,304	23,049	147,931	262	332	8,961	12,991
Sheep and lamb skins (PC)	0	0	19,150	23,851	0	0	2,282	2,656
Other hides & skins,ex furs(NA)	7,842	6,734	53,825	66,106	461	617	5,854	4,958
Furskins (NA)	0	0	137,777	158,975	0	0	8,022	4,401
Mink pelts (NO)	4,352	4,277	110,739	122,171	179	92	5,756	3,008
Other furskins (NA)	0	0	27,037	36,804	0	0	2,266	1,393
Wool & mohair (MT)	5	4	21,105	11,878	1	0	1,765	494
Sausage casings (MT)	24	26	66,368	64,113	2	2	4,515	4,499
Bull semen (NA)	0	0	57,661	58,716	0	0	4,886	5,680
Misc animal prods - other (NA)	0	0	280,481	298,102	0	0	26,959	15,301
Grains & feeds (MT)	104,009	98,996	13,787,723	13,845,420	10,326	8,496	1,246,241	1,169,535
Wheat, unmilled (MT)	27,779	25,257	3,378,333	3,245,900	3,074	2,359	352,481	302,026
Wheat flour (MT)	825	510	131,747	109,650	63	18	12,376	4,479
Bulqur wheat (MT)	5	36	1,115	5,826	0	2	8	659
Other wheat prods (MT)	103	98	91,044	85,145	8	7	6,591	6,489
Rice-paddy, milled, parb. (MT)	3,299	3,069	902,678	758,350	177	233	47,716	58,736
Feed grains & prods (MT)	57,195	55,928	5,482,592	5,472,726	5,941	4,772	505,889	468,826
Feed grains (MT)	56,552	55,214	5,282,046	5,241,427	5,898	4,725	492,991	453,972
Barley (MT)	840	1,064	96,678	135,744	266	29	23,055	4,792
Corn (MT)	49,386	48,180	4,603,218	4,511,052	5,127	4,235	427,552	404,365
Grain sorghums (MT)	6,296	5,930	578,674	589,822	504	457	42,128	44,252
Oats (MT)	20	33	2,487	4,065	2	5	211	562
Rye (MT)	10	8	989	744	1	0	45	0
Feed grain prods (MT)	642	714	200,546	231,299	43	47	12,898	14,854
Popcorn (MT)	106	108	63,234	64,898	10	9	5,562	5,838
Blended food prods (MT)	308	236	79,069	63,810	26	11	6,949	3,446
Other grain prods (MT)	1,003	1,002	1,162,120	1,256,467	85	84	105,045	101,016
Feeds & fodders, ex oilcake (MT)	13,386	12,753	2,495,791	2,782,648	942	1,001	203,624	218,022
Corn by-products (MT)	5,820	5,515	595,970	599,696	416	487	41,754	57,140
Alfalfa meal & cubes (MT)	222	156	34,513	24,385	16	9	2,371	1,551
Beet pulp (MT)	648	649	79,236	84,917	15	46	2,229	6,540
Citrus pulp pellets (MT)	838	546	59,435	28,350	3	0	681	25
Other feeds & fodders (MT)	5,859	5,887	1,726,638	2,045,301	492	459	156,587	152,765
Fruits & prep, ex juice (MT)	3,110	3,413	2,655,047	2,832,006	259	249	237,429	236,511
Fruits - fr (MT)	2,658	2,924	1,997,324	2,168,650	216	209	175,574	180,940
Fruits - fr - citrus (MT)	1,037	1,093	590,052	608,944	27	23	15,192	13,592
Grapefruit - fresh (MT)	388	393	206,663	201,471	3	5	1,782	2,902
Lemons & limes - fresh (MT)	110	114	78,799	72,513	4	3	3,032	2,487
Oranges & tangerines-fresh(MT)	536	585	302,237	333,385	19	15	10,319	8,132

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

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	2000	2001	2000	2001	2000	2001	2000	2001
Other citrus - fresh (MT)	3	1	2,354	1,575	0	0	60	71
Fruits - fr - noncitrus (MT)	1,621	1,830	1,407,271	1,559,705	190	185	160,382	167,348
Apples - fresh (MT)	568	745	334,165	415,592	41	34	24,108	21,797
Berries - fresh (MT)	97	90	164,093	159,763	9	6	16,456	13,435
Cherries - fresh (MT)	43	43	168,992	160,374	1	0	874	169
Grapes - fresh (MT)	270	307	328,766	394,380	71	70	72,052	78,465
Melons - fresh (MT)	251	235	91,251	96,770	18	20	7,845	7,599
Peaches - fresh (MT)	111	131	101,685	121,037	15	21	14,341	19,177
Pears - fresh (MT)	163	158	91,945	90,356	19	15	10,428	9,011
Plums - fresh (MT)	60	64	56,060	56,999	11	15	9,033	13,018
Other noncitrus - fresh (MT)	58	57	70,315	64,435	4	4	5,245	4,678
Fruits - dried (MT)	182	223	334,474	358,330	20	20	33,289	31,495
Raisins - dried (MT)	83	110	145,589	151,312	10	11	16,285	14,941
Prunes - dried (MT)	67	83	132,260	151,954	6	6	11,724	12,025
Other dried fruits (MT)	32	30	56,625	55,064	4	2	5,280	4,529
Fruits - canned ex juice (MT)	144	147	142,744	144,304	11	11	11,657	10,193
Fruits - froz ex juice (MT)	44	39	63,010	56,422	5	3	6,065	4,365
Other fruits - prep or pres (MT)	83	80	117,495	104,301	7	6	10,844	9,517
Fruit juices incl froz (HL)	11,902	10,830	715,843	683,624	823	788	54,976	50,121
Apple juice (HL)	332	268	39,908	32,476	20	22	2,394	2,624
Grape juice (HL)	821	792	67,090	64,328	80	80	6,371	6,366
Grapefruit juice (HL)	1,245	1,477	72,387	75,262	96	96	5,236	5,279
Orange juice (HL)	5,497	4,654	289,871	251,749	311	308	20,140	16,574
Other fruit juices (HL)	4,005	3,640	246,588	259,810	316	283	20,835	19,279
Wine (HL)	2,682	3,005	520,642	529,507	228	220	45,429	39,064
Nuts & prep (MT)	626	570	1,216,055	1,280,065	63	52	135,783	119,946
Almonds (shelled basis) (MT)	221	259	583,495	683,881	29	35	81,938	81,769
Filberts (MT)	13	12	23,503	22,056	1	0	1,582	318
Peanuts, shelled or prep (MT)	245	145	235,815	149,334	21	7	20,404	7,505
Pistachios (MT)	18	31	79,771	106,034	1	3	4,814	9,631
Walnuts, shelled/unshelled (MT)	66	71	149,292	175,708	5	3	11,871	9,040
Pecans, shelled or unshelled (MT)	11	11	56,498	58,192	1	1	6,256	5,666
Other nuts, shelled or prep (MT)	52	41	87,680	84,859	5	2	8,918	6,017
Vegetables & prep (NA)	0	0	4,442,823	4,531,099	0	0	338,317	330,034
Vegetables - fresh (MT)	2,013	2,010	1,167,285	1,208,661	139	131	81,317	70,881
Asparagus - fresh (MT)	18	14	51,971	40,449	0	0	711	534
Broccoli - fresh (MT)	184	158	127,288	104,770	14	14	10,504	8,490
Carrots - fresh (MT)	120	137	66,123	79,783	6	7	4,052	4,482
Cabbage - fresh (MT)	40	39	18,069	18,378	1	1	474	797
Celery - fresh (MT)	119	113	54,646	53,985	6	5	2,781	1,813
Cauliflower - fresh (MT)	73	79	50,439	53,178	5	6	3,376	4,159
Corn, sweet - fresh (MT)	43	51	18,085	24,399	0	2	104	1,004
Cucumbers - fresh (MT)	25	28	14,483	15,393	1	1	317	524
Garlic - fresh (MT)	9	7	11,140	8,684	2	1	2,682	1,285
Lettuce - fresh (MT)	328	350	180,022	201,613	21	23	13,749	14,294
Mushrooms - fresh (MT)	6	6	15,308	16,516	0	0	1,388	545
Onions and shallots-fresh (MT)	295	305	84,427	96,794	35	28	8,347	7,013
Peppers - fresh (MT)	69	71	65,678	75,051	3	3	2,568	2,330
Potatoes - fresh (MT)	304	294	88,806	90,359	13	13	3,854	4,569
Tomatoes - fresh (MT)	182	173	148,265	150,990	20	15	15,590	9,030
Other fresh vegetables (MT)	197	186	172,534	178,318	11	11	10,819	10,012
Vegetables - froz (MT)	693	718	537,916	549,579	56	52	42,045	39,751
Corn, sweet, frozen (MT)	68	71	57,322	59,425	5	5	4,224	3,887
Potatoes - frozen (MT)	504	533	367,319	383,545	41	41	29,147	28,999
Other frozen vegetables (MT)	121	114	113,275	106,609	10	7	8,674	6,864
Vegetables - canned (MT)	416	404	344,707	329,987	33	31	27,064	25,142
Pulses (MT)	497	546	238,890	253,083	52	42	22,492	19,080
Dried beans (MT)	330	363	175,783	189,761	35	27	15,851	14,948
Dried peas (MT)	100	108	34,792	35,770	10	11	3,995	2,681
Dried lentils (MT)	66	75	28,315	27,552	7	4	2,646	1,451
Hops, incl hop ext (MT)	10	12	90,336	123,503	0	1	3,359	5,547
Other veg - prep or pres (NA)	0	0	2,063,687	2,066,287	0	0	162,041	169,632
Oilseeds & prods (MT)	36,055	36,986	8,386,245	8,693,011	2,292	1,653	552,652	435,353
Oilcake & meal (MT)	6,870	7,163	1,258,643	1,413,309	595	515	110,563	100,551
Bran, hulls, legum. veg. (MT)	376	254	27,077	19,465	11	25	694	1,738
Corn oilcake & meal (MT)	51	15	5,062	1,524	0	4	48	333
Soybean meal (MT)	6,279	6,674	1,199,459	1,353,076	572	472	107,551	95,657
Other oilcake & meal (MT)	164	220	27,045	39,244	12	15	2,271	2,823
Oilseeds (MT)	27,055	27,755	5,781,713	6,101,541	1,558	974	353,366	241,698
Rapeseed (MT)	151	233	34,883	54,022	37	47	7,739	11,523
Safflower seeds (MT)	32	33	11,985	7,891	0	5	25	1,365
Soybeans (MT)	26,038	26,569	5,070,389	5,089,004	1,455	851	279,898	167,311
Sunflowerseeds (MT)	151	144	87,311	92,077	10	8	7,030	5,557
Peanuts, incl oilstock (MT)	41	19	33,206	15,757	2	1	1,721	678
Other oilseeds (MT)	508	607	122,989	149,352	43	49	11,660	11,596
Protein substances (MT)	134	149	420,951	693,438	11	12	45,294	43,667
Vegetable oils (MT)	2,130	2,069	1,345,888	1,178,160	139	164	88,722	93,104
Soybean oil (MT)	624	636	278,423	239,534	31	31	13,093	13,584
Cottonseed oil (MT)	64	59	36,269	27,820	7	3	3,807	1,236
Sunflower oil (MT)	286	251	151,821	114,781	17	12	9,063	5,457
Corn oil (MT)	440	428	261,447	206,825	34	67	17,359	30,452
Peanut oil (MT)	6	6	5,270	4,845	0	0	308	333
Rapeseed oil (MT)	129	83	55,043	32,046	7	2	3,553	1,060
Safflower oil (MT)	18	13	19,343	14,728	2	0	1,836	405

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	2000	2001	2000	2001	2000	2001	2000	2001
Other veg oils & waxes (MT)	563	592	538,272	537,581	40	48	39,702	40,577
Tobacco - unmfq (MT)	180	176	1,229,095	1,180,039	8	6	60,441	40,813
Tobacco - light air-cured (MT)	41	42	341,724	357,012	1	1	9,609	7,356
Tobacco - flue cured (MT)	83	77	609,249	571,958	4	3	27,820	18,159
Other tobacco - unmfq (MT)	56	57	278,121	251,069	3	2	23,011	15,298
Cotton, ex linters (MT)	1,474	1,661	1,809,252	2,088,266	73	149	99,485	152,969
Cotton linters (MT)	65	32	21,804	13,953	2	1	871	579
Essential oils (MT)	53	55	592,848	676,702	4	4	52,072	46,912
Seeds - field & garden (MT)	730	704	786,952	729,579	76	37	57,895	48,025
Sugar & tropical prods (NA)	0	0	1,601,417	1,872,808	0	0	164,873	150,398
Sugar & related prods (NA)	0	0	634,387	653,330	0	0	55,580	50,840
Sugar - cane or beet (MT)	115	99	39,522	38,468	6	5	2,951	2,121
Related sugar prods (NA)	0	0	594,865	614,862	0	0	52,629	48,719
Coffee (MT)	60	61	252,781	259,742	5	6	23,414	22,085
Cocoa (MT)	49	55	104,678	107,813	4	6	8,911	11,378
Chocolate & prep (MT)	133	202	386,175	602,472	20	16	57,997	48,386
Tea & mate (MT)	25	34	100,357	135,911	3	3	10,064	10,226
Spices (MT)	33	36	79,813	75,605	3	2	6,256	4,732
Rubber - crude natural (MT)	26	22	41,196	34,515	2	2	2,465	2,447
Fibers ex cotton (MT)	3	7	2,029	3,420	0	0	188	304
Other misc veg prods (MT)	0	0	447,206	504,850	0	0	38,626	37,983
Nursery & greenhouse prods (NA)	0	0	281,831	281,679	0	0	18,235	15,879
Beverages ex juices (NA)	0	0	779,501	854,181	0	0	63,096	65,349
Selected non-ag exports (NA)	0	0	13,912,357	13,198,282	0	0	1,133,115	951,712
Fertilizers (MT)	16	25	2,446,003	2,101,650	2	1	165,481	158,348
Nitrogen (MT)	12	20	2,438,400	2,091,463	2	0	165,284	157,629
Phosphate (MT)	4	4	7,603	10,187	0	0	197	718
Fish & shellfish (MT)	0	0	2,917,790	3,150,790	0	0	267,130	313,886
Fish - fr or prep (MT)	0	0	1,620,587	1,760,193	0	0	158,322	205,021
Shellfish (MT)	0	0	795,155	769,610	0	0	72,378	69,281
Other fish prods (MT)	249	297	502,047	620,987	20	33	36,430	39,584
Aq chemicals (MT)	316	424	1,614,752	1,649,387	38	22	102,556	95,111
Fungicides (MT)	30	30	159,071	149,974	3	1	10,086	7,129
Herbicides (MT)	147	127	815,032	805,842	8	6	45,320	39,368
Insecticides (MT)	96	223	387,661	390,793	24	12	21,518	28,564
Other pesticides (MT)	43	43	252,988	302,777	3	3	25,633	20,049
Farm machinery (NA)	0	0	3,043,842	2,987,014	0	0	225,157	214,184
Tractors & self-prop mach (NO)	40	38	1,091,169	1,026,911	2	2	71,306	74,072
Other ag machinery & parts (NA)	0	0	1,952,673	1,960,103	0	0	153,851	140,112
Tobacco - mfg (NA)	0	0	3,889,969	3,309,441	0	0	372,791	170,184

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-Sept	Oct-Sept	Sept 2001	Corn	Oct-Sept	Oct-Sept	Sept 2001
	1999/2000	2000/2001			1999/2000	2000/2001	
Egypt	5,051,443	3,246,896	228,119	Japan	15,162,059	14,090,922	1,087,157
Japan	3,047,637	2,927,892	224,242	Mexico	4,926,995	5,976,289	818,607
Mexico	1,781,967	2,039,305	182,312	China (Taiwan)	4,989,109	4,875,197	343,344
Philippines	2,054,735	1,840,082	87,403	Egypt	3,906,843	4,116,373	481,825
European Union	1,560,031	1,590,242	396,045	South Korea	2,880,472	3,109,458	270,230
Nigeria	1,159,898	1,563,582	165,940	Canada	1,080,118	2,793,567	330,001
South Korea	1,560,479	1,360,436	68,466	Colombia	1,740,940	1,655,787	103,232
China (Taiwan)	1,052,901	944,914	127,291	Algeria	1,099,429	1,180,008	97,217
Indonesia	360,409	709,965	27,025	Venezuela	1,145,895	1,152,488	26,940
Venezuela	474,448	587,870	47,833	Saudi Arabia	1,196,936	1,003,401	44,146
World	27,779,303	25,256,732	2,358,521	World	49,386,028	48,179,652	4,234,510

Soybeans	Oct-Sept	Oct-Sept	Sept 2001	Cotton	Oct-Sept	Oct-Sept	Sept 2001
	1999/2000	2000/2001			1999/2000	2000/2001	
European Union	6,874,598	5,731,499	14,799	Mexico	356,486	395,123	18,635
China (Mainland)	4,284,271	5,220,968	0	Turkey	173,944	162,054	18,097
Mexico	3,357,872	3,737,985	169,724	Indonesia	128,079	146,961	17,039
Japan	3,619,128	3,532,652	249,606	India	24,572	124,540	20,494
China (Taiwan)	1,876,280	1,860,907	100,322	South Korea	69,993	116,724	8,545
South Korea	1,379,025	1,159,351	68,770	China (Taiwan)	102,147	96,818	9,025
Indonesia	964,987	1,071,279	0	Japan	97,132	78,478	4,483
Thailand	714,249	627,654	249	Hong Kong	73,353	72,359	6,015
Israel	478,312	482,519	16,485	Canada	58,047	70,585	5,064
Canada	346,184	332,625	16,102	Thailand	59,449	63,362	8,938
World	26,038,370	26,569,197	851,042	World	1,473,581	1,661,003	149,109

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

Quantity and unit	October-September				September			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Total agricultural imports (NA)	0	0	38,922,998	39,028,674	0	0	2,922,033	3,038,596
Noncompetitive ag imports (NA)	0	0	8,048,533	6,617,680	0	0	574,696	509,576
Bananas & plantains (MT)	4,396	4,093	1,128,451	1,155,639	328	331	82,994	96,510
Coffee, incl prods (MT)	1,411	1,213	2,905,137	1,761,510	96	86	162,632	114,199
Cocoa & prods (MT)	1,046	898	1,466,044	1,389,885	86	76	131,289	145,999
Tea (MT)	168	166	252,209	262,974	11	12	18,237	20,472
Spices (MT)	167	160	526,951	496,095	15	13	49,125	30,755
Rubber & allied gums-crude(MT)	1,249	1,059	840,742	668,344	83	71	60,770	40,870
Silk - raw (MT)	0	0	155	177	0	0	2	11
Wool, unmfq - carpet (MT)	11	11	24,275	24,979	1	1	2,779	1,439
Fibers, excl cotton (MT)	84	76	39,505	32,694	6	7	3,605	2,689
Essential oils (NA)	0	0	323,950	308,176	0	0	24,456	22,744
Druas - crude natural (MT)	67	72	541,114	517,206	4	5	38,806	33,887
Competitive ag imports (NA)	0	0	30,874,465	32,410,994	0	0	2,347,337	2,529,019
Animals & prods (NA)	0	0	8,144,554	9,033,208	0	0	634,332	726,298
Animals-live, ex poultry (NO)	0	0	1,737,140	2,198,048	0	0	131,674	167,837
Cattle and calves (NO)	2,121	2,482	1,090,053	1,443,806	146	161	84,603	117,286
Horses, mules, burros (NO)	233	40	357,783	404,593	3	3	19,457	18,604
Swine (NO)	4,288	5,040	276,903	336,927	395	463	26,998	31,390
Sheep, live (NO)	49	80	5,151	8,123	3	5	301	341
Other live animals (NO)	0	0	7,250	4,598	0	0	316	216
Meats & prods, ex poultry (MT)	0	0	3,723,532	4,090,692	0	0	296,941	344,169
Beef & veal (MT)	1,027	1,056	2,405,435	2,644,836	76	88	186,214	223,899
Beef & veal - fr or froz (MT)	950	985	2,204,082	2,452,072	69	83	166,209	209,437
Beef & veal - prep or pres (MT)	77	71	201,353	192,765	8	5	20,005	14,462
Pork (MT)	402	399	958,018	1,037,960	32	35	77,702	90,111
Pork - fr or froz (MT)	311	321	656,120	763,788	25	29	54,275	66,229
Pork - prep or pres (MT)	91	78	301,898	274,172	7	7	23,427	23,882
Mutton, goat & lamb (MT)	58	66	205,105	234,915	5	4	20,424	15,541
Horsemeat - fr or froz (MT)	0	0	12	126	0	0	0	73
Variety meats - fr or froz (MT)	55	62	99,977	106,212	5	5	7,470	9,034
Other meats - fr or froz (MT)	3	4	18,351	24,588	0	0	1,748	1,702
Other meats & prods (MT)	10	12	36,633	42,055	1	1	3,383	3,808
Poultry and prods (NA)	0	0	287,504	258,340	0	0	23,032	19,230
Poultry - live (NA)	12,271	13,469	23,643	26,001	958	1,108	2,093	2,196
Poultry meat (MT)	17	21	48,577	67,554	2	2	5,182	5,606
Eggs (NA)	0	0	18,746	18,122	0	0	1,588	1,715
Feathers & down - crude (MT)	28	23	196,537	146,663	2	2	14,170	9,712
Dairy products (NA)	0	0	1,634,784	1,724,343	0	0	125,820	141,714
Milk & cream, fr or dried (MT)	0	0	35,770	40,809	0	0	1,501	2,111
Butter & butterfat mixtures (MT)	20	45	31,609	76,119	1	3	2,033	5,695
Cheese (MT)	195	192	696,390	704,416	15	14	57,268	55,686
Casein & mixtures (MT)	120	109	470,756	526,367	9	9	37,311	45,895
Other dairy prods (NA)	0	0	400,260	376,633	0	0	27,708	32,326
Fats, oils, & greases (MT)	107	106	71,033	62,424	8	9	5,161	5,397
Hides & skins (NA)	0	0	160,415	162,232	0	0	8,951	6,212
Sheep & lamb skins (MT)	1	2	4,311	5,291	0	0	291	428
Other hides & skins (NA)	0	0	101,923	97,209	0	0	7,664	5,336
Furskins (NA)	5,779	4,430	54,181	59,732	715	53	996	449
Wool-unmfq, apparel grade(MT)	14	10	41,410	28,135	1	0	3,166	1,054
Sausage casings (MT)	13	14	60,723	59,443	1	1	4,016	4,201
Bull semen (NA)	0	0	18,378	16,082	0	0	1,288	808
Misc animal prods (NA)	0	0	409,636	433,468	0	0	34,281	35,677
Grains & feeds (MT)	0	0	3,057,895	3,186,000	0	0	292,293	301,916
Wheat, ex seed (MT)	1,680	1,971	205,874	256,966	130	170	14,852	21,881
Corn, unmilled (MT)	229	114	24,779	14,791	7	12	968	1,669
Oats, unmilled (MT)	1,675	1,825	142,028	159,112	258	326	20,797	30,408
Barley, unmilled (MT)	627	646	83,825	83,013	23	35	3,099	4,970
Rice (MT)	320	346	181,585	170,211	21	25	13,083	10,568
Biscuits & wafers (MT)	414	459	936,188	999,709	45	48	108,073	115,187
Pasta & noodles (MT)	287	283	281,072	251,432	20	17	20,280	15,111
Other grains & preps (NA)	0	0	719,226	761,754	0	0	70,111	66,941
Feeds & fodders, ex oilcake(MT)	1,240	1,212	483,319	489,012	93	78	41,029	35,181
Fruits & preps (MT)	3,718	3,768	2,625,478	2,802,622	167	173	137,928	139,953
Fruits - fr or froz (MT)	2,979	3,030	1,952,946	2,131,814	105	103	82,955	77,176
Apples, fresh (MT)	170	157	94,344	94,094	4	4	2,767	2,329
Avocados (MT)	64	73	91,358	92,588	16	11	22,788	12,042
Berries, excl strawberries (MT)	83	94	131,945	143,211	4	7	8,107	12,438
Citrus, fresh (MT)	354	394	211,182	238,454	32	25	17,190	10,787
Grapes, fresh (MT)	452	418	518,260	580,879	3	1	866	1,046
Kiwi fruit, fresh (MT)	50	52	37,034	30,888	5	4	3,915	2,580
Manqoes (MT)	236	237	146,197	158,447	6	15	4,616	11,410
Melons (MT)	901	880	261,855	287,324	1	1	282	353
Peaches (MT)	43	54	38,725	46,308	0	0	539	239
Pears (MT)	90	85	77,910	80,365	1	1	1,354	1,825
Pineapples, fresh/frozen (MT)	308	337	121,513	155,046	24	22	12,708	12,247
Plums (MT)	23	33	22,802	29,007	0	0	11	33
Strawberries, fresh or froz (MT)	71	63	83,059	73,271	0	2	389	1,728
Other fruits, fresh or froz (MT)	134	152	116,763	121,932	10	11	7,424	8,120
Fruits - prep or pres (MT)	739	738	672,531	670,808	62	70	54,973	62,776
Pineapples - can. or prep.(MT)	327	283	198,039	162,843	29	33	17,137	18,698
Other fruits - prep or pres (MT)	412	455	474,493	507,965	33	37	37,836	44,078
Fruit juices (HL)	32,199	29,282	782,800	648,741	2,609	2,665	60,841	54,809
Apple juice (HL)	11,696	12,312	278,865	230,686	1,072	1,023	26,355	16,755
Grape juice (HL)	1,845	1,508	75,544	47,652	142	139	5,399	3,848
Grapefruit juice (HL)	188	35	4,500	1,312	1	1	65	38
Lemon juice (HL)	796	737	15,160	15,795	86	49	1,744	930
Lime juice (HL)	225	157	5,373	4,442	14	14	329	478

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

Quantity and unit	October-September				September			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Orange juice (HL)	12,850	9,757	243,386	185,031	916	1,027	14,570	17,831
Pineapple juice (HL)	2,566	2,596	59,529	72,650	210	202	4,961	5,476
Other fruit juice (HL)	2,034	2,180	100,444	91,172	169	209	7,419	9,454
Nuts & preps (MT)	251	262	791,799	655,052	21	20	65,024	50,250
Brazil nuts (MT)	14	11	27,738	19,733	1	2	2,464	2,123
Cashew nuts (MT)	86	83	488,470	366,689	8	8	40,541	31,371
Chestnuts (MT)	5	5	10,572	10,192	0	0	685	698
Coconut meat (MT)	81	80	73,244	58,043	7	7	5,517	4,690
Filberts (MT)	6	6	22,047	21,208	0	0	876	1,107
Macadamia nuts (MT)	6	5	34,380	32,837	1	1	4,537	5,191
Pecans (MT)	18	25	58,933	60,774	1	0	3,416	133
Pistachio nuts (MT)	0	1	1,539	3,169	0	0	72	197
Other nuts (MT)	36	46	74,875	82,407	3	2	6,915	4,740
Vegetables & preps (NA)	0	0	4,657,217	5,181,223	0	0	315,788	387,867
Vegetables - fr or froz (MT)	3,755	4,022	2,701,481	3,100,275	226	252	160,683	179,990
Tomatoes (MT)	709	868	608,514	755,022	31	34	33,003	32,477
Asparagus, fresh or frozen(MT)	72	75	117,337	127,957	6	8	9,688	11,600
Beans, fresh or frozen (MT)	38	40	44,105	48,375	1	1	1,246	1,444
Cabbage (MT)	36	60	9,492	16,154	5	5	1,258	1,494
Carrots, fresh or frozen (MT)	76	96	21,983	29,480	7	8	1,805	2,427
Cauliflower & broccoli, fr/fz(MT)	239	248	156,684	167,800	24	20	15,832	14,035
Celery, fresh (MT)	31	33	10,446	12,446	3	2	960	648
Cucumbers (MT)	347	374	168,696	200,530	13	11	7,510	7,577
Eqplant (MT)	38	40	23,490	29,133	0	0	110	242
Endive, fresh (MT)	2	3	4,498	4,753	0	0	343	385
Garlic (MT)	26	35	24,629	38,397	1	2	906	1,974
Lettuce (MT)	30	36	19,413	22,067	6	6	3,806	2,863
Okra, fresh or frozen (MT)	23	24	11,362	12,140	2	2	679	678
Onions (MT)	224	265	132,782	169,218	11	17	6,088	8,054
Peas, incl chickpeas (MT)	40	40	38,651	35,474	2	3	1,994	2,730
Peppers (MT)	352	347	451,811	507,984	27	26	21,926	23,282
Potatoes, fresh or frozen (MT)	909	841	435,968	426,047	59	71	32,209	39,459
Radishes, fresh (MT)	15	16	12,250	12,615	0	1	237	371
Squash (MT)	156	168	111,153	141,639	2	2	1,130	1,923
Other veegs - fr or froz (MT)	392	416	298,217	343,042	26	33	19,953	26,326
Vegetables-prep/pres (NA)	0	0	1,955,735	2,080,948	0	0	155,105	207,876
Bamboo shoots, presvd.(MT)	25	31	15,601	18,090	3	4	1,907	1,897
Bean cake, miso (MT)	7	7	15,103	15,218	0	1	1,127	1,087
Cucumbers, preserved (MT)	50	44	28,408	28,293	3	3	2,327	2,400
Garlic, dried (MT)	18	20	10,076	10,252	1	1	442	466
Olives - prep or pres (MT)	91	109	183,524	198,718	8	8	14,366	15,337
Mushrooms, canned (MT)	67	61	128,504	113,677	5	5	10,094	8,717
Mushrooms, dried (MT)	3	2	23,486	15,774	0	0	1,432	539
Onions, preserved (MT)	3	3	4,102	4,479	0	0	401	549
Hops, incl extract (MT)	5	4	28,757	22,648	0	0	33	807
Artichokes - prep (MT)	35	38	64,379	55,967	4	3	6,118	3,742
Asparagus - prep (MT)	1	1	2,548	2,027	0	0	94	75
Tomatoes, in. paste/sauce(MT)	55	92	68,000	85,070	3	8	4,818	6,901
Waterchestnuts (MT)	37	35	20,648	18,283	2	2	1,204	1,441
Beans & peas, dried (MT)	77	95	42,577	55,149	6	15	3,281	7,989
Mustard (MT)	17	21	16,761	17,340	1	2	1,235	1,318
Peppers & pimentos, prep (MT)	27	28	30,165	30,540	3	2	2,558	2,648
Soy sauce (MT)	41	46	42,135	45,908	3	4	3,348	3,783
Starches, ex. wheat & corn (MT)	187	161	95,614	78,987	12	11	6,874	5,478
Soups & sauces (MT)	220	232	311,099	339,433	16	18	24,266	27,301
Vinegar (HL)	370	396	43,390	48,240	32	32	4,213	4,842
Yeasts (MT)	58	72	65,523	80,417	5	7	6,033	8,825
Oth. vegetables-prep/pres (NA)	0	0	715,334	796,438	0	0	58,936	101,733
Sugar & related prods (NA)	0	0	1,540,445	1,623,870	0	0	153,917	171,934
Sugar - cane & beet (MT)	1,379	1,381	493,215	526,196	168	193	64,315	80,042
Molasses (HL)	8,060	10,131	53,757	95,693	438	865	3,216	8,990
Confectionery prods (MT)	327	358	760,325	773,142	32	34	70,250	68,930
Oth. sugar & related prods (MT)	515	447	233,149	228,839	38	20	16,137	13,972
Spices (MT)	49	53	67,853	68,852	5	5	5,644	5,299
Tobacco - unmfq (MT)	220	211	651,131	648,352	17	18	50,305	54,724
Tobacco - filler (MT)	179	184	607,006	597,171	12	15	41,096	50,987
Tobacco - scrap (MT)	39	26	16,246	14,642	4	4	1,531	1,927
Other tobacco (MT)	2	1	27,880	36,539	0	0	7,679	1,809
Beverages, ex fruit juices (HL)	0	0	4,701,834	4,992,772	0	0	375,999	392,182
Wine (HL)	4,509	4,776	2,218,918	2,227,092	351	334	171,658	167,001
Malt beverages (HL)	22,905	24,904	2,126,042	2,296,089	1,845	1,877	171,914	176,053
Other beverages (HL)	0	0	356,875	469,591	0	0	32,426	49,128
Oilseeds & prods (MT)	4,069	4,077	1,873,049	1,689,170	310	268	126,138	113,488
Oilseeds & oilnuts (MT)	1,103	997	309,856	279,741	82	37	16,065	11,120
Flaxseed (MT)	147	50	30,260	12,942	5	1	1,063	604
Mustard seeds (MT)	52	49	15,969	13,448	3	3	880	913
Rapeseed (MT)	285	248	60,592	53,763	2	1	383	254
Sesameseed (MT)	49	47	56,442	47,785	3	4	3,289	3,562
Soybeans (MT)	115	96	26,046	25,351	3	2	807	461
Sunflower seeds (MT)	41	66	11,381	16,314	2	4	686	1,064
Other oilseeds & oilnuts (MT)	413	442	109,165	110,139	63	21	8,955	4,261
Oils & waxes-vegetable (MT)	1,772	1,930	1,413,009	1,257,411	134	159	98,314	91,773
Castor oil (MT)	45	48	42,372	33,836	6	1	5,469	385
Coconut oil (MT)	420	497	254,453	180,546	30	36	13,867	11,280
Cottonseed oil (MT)	4	0	1,805	52	0	0	0	0
Olive oil (MT)	189	212	415,912	387,035	16	12	30,177	20,838
Palm oil (MT)	157	175	50,024	53,594	10	17	3,039	4,921
Palm kernel oil (MT)	178	164	118,393	74,140	7	20	4,332	8,420

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

Quantity and unit	October-September				September			
	Thousand units		Thousand dollars		Thousand units		Thousand dollars	
	2000	2001	2000	2001	2000	2001	2000	2001
Peanut oil (MT)	7	36	6,503	24,826	3	4	2,516	3,014
Rapeseed oil (MT)	531	545	241,644	213,754	47	49	19,123	21,106
Soybean oil (MT)	38	33	18,228	13,928	3	1	1,154	610
Sesame oil (MT)	8	9	24,940	24,928	1	1	2,051	1,629
Other vegetable oils (MT)	194	210	238,735	250,771	12	17	16,586	19,570
Oilcake & meal (MT)	1,194	1,150	150,184	152,018	95	72	11,760	10,595
Cotton, excl linters (MT)	11	3	22,663	5,840	0	0	154	0
Cotton linters (MT)	23	46	5,267	17,353	1	3	262	1,451
Seeds - field & garden (MT)	448	313	492,879	430,619	15	23	24,137	22,577
Cut flowers (NA)	0	0	623,184	577,387	0	0	35,855	35,211
Nursery stock, bulbs, etc. (NA)	0	0	541,863	578,400	0	0	48,944	51,140
Other vegetable prods (MT)	0	0	294,553	271,535	0	0	19,776	19,920
Selected non-ag imports (NA)	0	0	17,536,356	18,308,851	0	0	1,508,369	1,362,055
Fertilizers (MT)	25,534	29,930	2,871,033	3,629,991	2,279	2,261	260,849	225,647
Potassium (MT)	9,341	9,122	752,935	721,260	813	888	62,756	67,211
Nitrogen (MT)	9,819	14,156	1,348,006	2,034,364	938	932	130,200	101,163
Phosphate (MT)	6,362	6,642	762,452	865,832	527	441	67,379	56,298
Fish (MT)	0	0	9,715,505	9,820,340	0	0	938,297	861,881
Fish fresh or prep (MT)	0	0	3,835,844	3,796,505	0	0	312,593	302,085
Shellfish (MT)	622	659	5,811,604	5,943,675	59	63	620,061	553,689
Fish prods, other (MT)	49	56	68,056	80,160	3	7	5,643	6,108
Ag chemicals (MT)	133	134	957,541	1,069,413	4	3	55,039	24,973
Fungicides (MT)	38	31	175,377	181,174	1	1	4,551	2,478
Herbicides (MT)	30	46	287,742	385,915	1	1	16,014	7,303
Insecticides (MT)	22	18	142,219	202,194	0	0	18,868	3,368
Other pesticides (MT)	43	38	352,202	300,131	1	1	15,605	11,825
Farm machinery (NA)	0	0	3,507,280	3,314,300	0	0	212,328	202,947
Tractors & self-prop mach (NO)	8,789	7,303	1,733,978	1,536,233	629	368	98,077	90,782
Other ag mach & parts (NA)	0	0	1,773,303	1,778,066	0	0	114,251	112,165
Tobacco - mfg (NA)	18	19	484,998	474,807	2	2	41,857	46,607

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	Aug.	Sep.	Year-to-date	% Change
Exports	4,468	3,891	52,961	4
Imports (c.i.f.)	3,393	3,393	42,238	0
Imports (customs value)	3,163	3,039	39,029	0
Trade Balance:				
Exports less c.i.f. imports	1,074	498	10,723	23
Exports less customs-val. imports	1,304	852	13,932	16
Exports by major commodity group				
Live animals	61	26	827	17
Meat & poultry	664	624	7,490	1
Dairy prod & eggs	118	99	1,318	13
Hides & skins	170	143	1,954	32
Wheat	306	302	3,246	-4
Rice	67	59	758	-16
Corn	522	404	4,511	-2
Other feed grains	54	50	730	8
Animal feeds	346	319	4,196	12
Soybeans	235	167	5,089	0
Vegetable oils	91	93	1,178	-12
Fruits & nuts	384	407	4,796	5
Vegetables	358	330	4,531	2
Cotton & linters	232	154	2,102	15
Tobacco, unmfq.	124	41	1,180	-4
Seeds & nursery	70	64	1,011	-5
Imports customs value by major commodity group				
Live animals	161	170	2,224	26
Meat & poultry	386	350	4,158	10
Dairy prod. & eggs	164	143	1,742	5
Grains & feeds	279	313	3,338	4
Fruits & nuts	353	342	5,262	-1
Vegetables	368	388	5,181	11
Vegetable oils	104	92	1,257	-11
Wine	189	167	2,227	0
Malt beverages	209	176	2,296	8
Coffee	128	114	1,762	-39
Cocoa	125	146	1,390	-5
Rubber, natural	63	41	668	-21
Cane & beet sugar	55	80	526	7
Tobacco, unmfq.	48	55	648	0
Seeds & flowers	116	109	1,586	-4
Preliminary data.				

Export Share of U.S. Agricultural Production Recovers

In fiscal year 2000, U.S. agricultural exports grew as a percent of total farm production, recovering from 1999. Demand increased for soybeans and soybean meal, red meats, poultry, hides and skins, fresh fruits and vegetables, feeds and fodders, and sugar and tropical products. Despite the continued appreciation of the dollar, exports of high-value products generally rose as a proportion of output.

Factors Influencing U.S. Export Shares

The export share of agricultural production measures the portion of U.S. farm product shipped abroad. It changes over time as supply and demand conditions change in foreign and domestic markets. In general, export share rises as foreign sales outpace U.S. production. As the share rises, U.S. farm income becomes more dependent on exports.

The export share of production of a farm commodity depends on short and long-term factors such as income growth, tastes, and relative prices in foreign markets. In addition, agricultural and trade policies, and macroeconomic policies that affect exchange rates help determine export share patterns between trading countries. Non-economic conditions in export markets such as abnormal weather, pest infestation, or restrictions related to food safety also influence changes in U.S. export shares.

Calculating Export Share

Export shares of U.S. farm products in table 5 are calculated by dividing the quantity of exports by the quantity produced in the United States. Since exports can include products that were in storage, the difference between beginning and ending stocks is added to the quantity produced. This adjustment to production is generally larger for commodities that are more storable and less perishable. Thus, export share is based on actual market supply rather than harvested production in a given year. The result is a more stable or steady export share pattern. The export, production, and stock data for the selected commodities are from the USDA.

Export shares are most accurately applied to primary commodities with minimum value-added content. Quantity measures of processed agricultural products can be misleading since their relative content of primary commodities may change over time. Food preparations, fruit juices, and wine are examples of products that have significant value-added content. Since much of value-adding occurs outside the farm sector, farm receipts would not closely reflect the earnings from processed food exports. A related measurement inaccuracy is due to double-counting of farm production when the output of one sector is the input in another sector. A good example is the livestock sector, which consumes a substantial portion of grains and oilseeds (as feed) from the crop sector. U.S. grain production should therefore be reduced by the amount used as domestic feed grains before calculating export share. The effect would be an increase in export shares of grains. However, production data adjustments cannot be applied since feed-use data are not available.

U.S. Agricultural Export Shares Improved in 2000

The export share of total U.S. agricultural production reached 20 percent in 1996 before a gradual decline through 1999, as the U.S. dollar strengthened and foreign economies weakened. The major reason for the decline between 1996 and 1999 was that abundant world supplies of major bulk commodities —food grains, feed crops, oilseeds, and cotton—reduced the U.S. market share. In 2000, the export share for wheat and corn still was low; but that for rice, sorghum, cotton, and tobacco recovered, helping to pull the total agricultural export share above 1999.

In contrast, export shares climbed in 2000 for livestock products, particularly red meats and poultry, as well as for fruits, nuts, and vegetables.

The general gain in export shares of beef and pork in 2000 and since the 1980s reflects a number of domestic and foreign factors. U.S. per capita consumption of red meat had been declining since the

1970s before recovering slightly in the late 1990s. At the same time, many foreign markets have made steady gains in per capita income, adding to their demand for more luxury products. The export share of red meats tripled from an average of 2 percent in 1986-90, to 6 percent in 1998-99, and reached 7 percent in 2000. Except in 1999, when import demand from Russia collapsed along with its currency, the export share for poultry also steadily climbed. As foreign demand for U.S. meat goes up, so does domestic demand for feed grains; this has tended to lower the feed grain export share over time.

Rising U.S. supplies of fruits, nuts, and vegetables, improved packaging, preservation, and transportation equipment, and easing trade barriers have expanded foreign sales. In 2000, 25.6 percent of fresh non-citrus fruit production was exported, up from 10 percent in 1987. Even as per capita fruit and vegetable consumption in the United States went up over the past two decades, production rose more, in response to rising foreign demand, coupled with improved marketing equipment that made larger exports possible. The export share of tree nuts has risen to 63 percent in 2000 from around 25 percent in the late 1970s. With increasing U.S. dependence on foreign sales as domestic markets mature, especially for fruits, exports become more sensitive to foreign competition, food safety restrictions, exchange rates, and relative economic growth.

Aggregate Export Shares

The export share of total U.S. agricultural production in table 6 shows growth from 14 percent in the late 1980s to 18 percent in 2000. This growth stems in part from significant expansion of export share for livestock products—from 3 percent in the early 1980s to 9 percent in 2000. In contrast, the aggregate export share of crops fell from 33 percent in the early 1980s to 27 percent in 2000. This decline resulted from respective drops in export share of food grains, feed crops, oilseeds, cotton, and tobacco. One reason for the slowed export pace for feed crops and oilseeds relative to production is their increased use as domestic feed to satisfy strong foreign demand for meat and poultry.

Aggregate export shares for livestock and crops in table 6 were estimated as weighted averages using corresponding shares of U.S. farm cash receipts in table 7. The export share for total U.S. agricultural production is in turn the weighted average of livestock and crop export shares using respective aggregate cash receipt shares as weights.

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Table 5---Export share of U.S. agricultural production 1/

	Average 1980-89	Average 1990-94	1995	1996	1997	1998	1999	2000p
	percent							
Beef	1.3	4.0	5.0	5.3	5.6	6.0	6.4	7.1
Pork	0.9	1.6	3.2	3.8	3.8	4.6	4.4	5.4
Tallow	38.0	27.7	33.2	28.0	21.3	27.2	24.2	22.5
Animal hides	59.8	54.0	52.3	50.9	48.0	44.9	43.5	43.0
Chicken broilers	4.3	8.2	15.7	17.0	17.2	17.0	16.7	18.4
Turkey meat	1.5	3.0	5.2	6.8	9.7	8.4	6.5	7.5
Eggs	2.1	2.6	3.4	4.0	3.5	3.3	2.3	2.4
Cheese	0.6	0.5	0.9	1.0	1.1	1.1	1.1	1.2
Nonfat dry milk	37.3	12.9	12.7	5.8	8.8	17.8	18.6	27.0
Oranges	22.4	26.0	30.2	26.9	27.0	27.7	23.6	27.5
Grapefruit	29.5	39.2	40.4	41.6	39.5	34.4	37.8	37.4
Apples	10.9	18.0	25.0	20.1	26.2	20.4	22.9	20.9
Cherries	21.0	34.4	51.9	47.4	37.6	40.6	38.1	39.4
Grapes	18.0	27.0	26.5	34.5	27.5	30.7	27.5	32.9
Raisins	28.1	38.4	38.6	38.6	38.4	39.5	35.8	31.7
Prunes	51.2	60.0	46.9	50.0	45.3	51.5	48.1	56.2
Fruits--canned	4.5	5.5	7.9	7.7	6.5	8.6	8.4	8.8
Orange juice	9.2	11.2	9.9	9.2	11.5	10.3	10.9	10.2
Wine	0.5	6.2	6.9	8.5	8.0	12.4	12.7	10.7
Tree nuts--shelled	44.8	57.9	62.5	64.0	66.6	66.7	62.7	63.3
Almonds	63.9	70.1	74.4	73.0	75.6	76.8	72.9	70.6
Pistachios	15.4	36.4	42.1	50.4	69.2	49.6	38.7	28.7
Walnuts	28.2	42.0	46.1	49.5	55.7	48.7	46.5	39.0
Peanuts	20.0	19.9	21.1	18.4	19.6	16.4	18.2	16.8
Vegetables--fresh	10.3	12.0	12.9	12.6	12.7	12.7	12.4	13.6
Broccoli	14.7	19.4	20.2	19.3	18.4	18.5	16.1	21.7
Head lettuce	7.9	6.5	6.1	6.7	5.8	6.4	5.6	5.2
Tomatoes	9.3	9.1	8.5	8.8	10.4	8.8	9.1	11.1
Vegetables--frozen	4.4	7.5	10.0	9.9	11.1	11.7	12.4	10.2
Potatoes--frozen	1.6	3.4	5.2	4.8	5.6	6.2	6.6	6.6
Dry edible beans	35.4	30.1	26.9	27.0	25.9	32.8	25.8	27.5
Vegetable oils	24.2	19.5	34.7	21.3	25.7	32.7	29.2	23.3
Corn oil	23.4	33.8	36.8	45.5	43.7	48.6	44.1	38.0
Sunflower oil	30.6	24.6	50.1	32.8	29.9	32.1	32.3	29.4
Soybeans/meal/oil 2/	52.0	40.6	46.8	40.8	42.3	46.0	40.1	43.1
Sunflower seeds	52.8	6.7	14.6	11.3	5.8	6.2	10.6	8.6
Total oilcake and meal	24.0	19.5	20.7	17.0	17.9	23.6	18.3	18.5
Wheat	56.0	48.1	51.0	56.0	40.9	40.8	46.1	43.5
Rice	55.6	45.0	64.1	52.4	44.6	55.3	48.6	53.3
Corn	26.1	21.4	27.1	23.6	20.9	16.0	21.5	20.1
Sorghum	34.1	37.8	43.5	24.4	32.4	40.4	34.4	51.6
Cotton	51.8	41.4	52.9	44.5	40.1	53.1	24.9	45.3
Tobacco	33.3	30.2	33.1	26.5	27.6	36.1	36.5	41.2
Fish and shellfish	26.2	50.4	53.6	57.0	56.0	53.2	55.9	63.5

1/ Calculated from units of weight or equivalent; p=preliminary.

2/ Exports include soybean meal and soybean oil plus their soybean extraction equivalents.

Data sources: USDA commodity yearbooks, Foreign Agricultural Trade of the U.S. (FATUS), and USDA's Production, Supply, and Distribution (PS&D) TS data.

Table 6---Summary export shares of U.S. agricultural production, by fiscal year

	Average 1976-80	Average 1981-85	Average 1986-90	Average 1991-95	Average 1996-2000	1996	1997	1998	1999	2000
	percent									
Total production	15.9	17.9	14.0	16.9	18.4	19.7	18.4	18.6	17.1	18.0
Livestock	1.8	3.1	3.6	6.1	8.7	8.4	8.3	9.1	8.4	9.4
Red meats	1.0	1.0	2.0	3.7	5.9	5.2	5.4	5.9	6.1	7.0
Poultry	3.6	3.9	4.3	8.9	16.7	16.2	17.1	17.6	15.0	17.4
Dairy products	0.4	3.1	1.6	3.7	1.1	1.3	1.3	0.9	0.8	1.0
Other animal products 1/	20.6	40.2	39.5	42.6	42.6	44.5	41.8	41.5	41.1	44.3
Crops	30.3	32.6	25.6	27.4	27.5	29.6	27.2	27.4	26.0	27.2
Food grains	55.2	58.5	49.7	49.4	45.8	55.5	41.1	41.9	46.2	44.3
Feed crops	27.7	27.4	23.1	21.5	20.9	23.2	21.3	17.0	21.7	21.1
Oilseeds	35.8	37.9	32.8	28.6	30.3	30.3	30.4	30.4	28.8	31.8
Fruits and nuts 1/	26.3	31.0	31.0	41.5	43.4	45.3	41.2	45.6	42.1	42.9
Vegetables 1/	6.0	13.6	13.3	22.8	27.3	25.8	27.9	27.5	28.0	27.4
Cotton and tobacco 2/	42.0	48.4	36.5	38.9	39.1	39.3	36.2	47.7	28.7	43.9
Other crops 1/	6.3	8.3	7.0	8.2	7.4	7.9	7.9	7.5	7.1	6.5

1/ Calculated from value of exports and farm cash receipts.

2/ Cotton and tobacco shares are shown separately in table 5 above.

Table 7---Farm share of cash receipts, by commodity group

	Average 1976-80	Average 1981-85	Average 1986-90	Average 1991-95	Average 1996-2000	1996	1997	1998	1999	2000
	percent									
All commodities	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Livestock	50.5	49.7	52.8	49.3	48.6	46.6	46.5	48.1	50.8	51.4
Meat animals	31.0	28.1	30.1	27.1	24.0	22.2	23.9	22.1	24.2	27.4
Dairy products	11.6	12.9	12.2	10.9	11.3	11.4	10.1	12.3	12.3	10.7
Poultry	7.1	7.5	8.9	9.7	11.4	11.3	10.7	11.7	12.2	11.3
Other animal products 1/	0.8	1.2	1.6	1.6	1.9	1.7	1.7	1.9	2.0	2.1
Crops	49.5	50.3	47.2	50.7	51.4	53.4	53.5	51.9	49.2	48.6
Food grains	6.7	7.3	4.6	5.0	4.4	5.4	5.0	4.5	3.7	3.4
Feed crops	12.0	12.6	10.8	11.8	11.8	13.7	13.1	11.6	10.4	10.3
Oilseeds 2/	10.8	9.5	7.8	7.8	8.2	8.2	9.5	8.9	7.2	7.2
Fruits and nuts 3/	4.7	4.7	5.7	5.8	6.3	6.0	6.3	5.9	6.5	6.6
Vegetables 4/	5.3	6.1	6.8	7.5	7.7	7.3	7.1	7.7	8.1	8.2
Cotton	3.3	2.8	3.0	3.3	2.9	3.5	3.1	3.1	2.5	2.4
Tobacco	2.1	2.1	1.4	1.6	1.3	1.4	1.4	1.4	1.2	1.2
Other crops 5/	4.6	5.3	7.2	7.9	8.7	7.9	8.1	8.8	9.5	9.4

1/ Includes live horses/mules, mink pelts, and miscellaneous animal products.

2/ Includes peanuts. 3/ Includes wine. 4/ Includes melons.

5/ Includes cane and beet sugar, hops, seeds, and nursery products.

Data source: Table 33, Agricultural Outlook (Larry G. Traub, ltraub@ers.usda.gov, 202-694-5593)