

Statistical Indicators

Summary Data

Table 1—Key Statistical Indicators of the Food & Fiber Sector

				1998		1999			2000	
	1998	1999 F	2000 F	IV	I	II	III F	IV F	I F	II F
Prices received by farmers (1990-92=100)	101	--	--	99	96	97	97	--	--	--
Livestock & products	97	--	--	97	95	93	96	--	--	--
Crops	106	--	--	101	98	102	97	--	--	--
Prices paid by farmers (1990-92=100)										
Production items	115	--	--	113	113	--	--	--	--	--
Commodities and services, interest, taxes, and wage rates (PPITW)	117	--	--	116	116	--	--	--	--	--
Cash receipts (\$ bil.) ¹	197	192	--	59	46	41	47	58	--	--
Livestock	95	96	--	25	24	23	25	25	--	--
Crops	102	96	--	35	22	19	22	33	--	--
Market basket (1982-84=100)										
Retail cost	163	--	--	165	167	167	--	--	--	--
Farm value	103	--	--	104	101	97	--	--	--	--
Spread	195	--	--	198	203	204	--	--	--	--
Farm value/retail cost (%)	22	--	--	22	21	21	--	--	--	--
Retail prices (1982-84=100)										
All food	161	164	167	162	164	164	164	165	166	167
At home	161	164	167	163	164	164	164	165	166	167
Away from home	161	165	169	163	164	165	166	166	168	168
Agricultural exports (\$ bil.) ²	53.6	49.0	50.0	14.4	11.8	11.3	11.5	13.9	13.1	11.7
Agricultural imports (\$ bil.) ²	37.0	37.5	38.0	9.2	9.6	9.9	8.8	9.0	9.5	9.6
Commercial production										
Red meat (mil. lb.)	45,134	45,868	43,922	11,702	11,384	11,368	11,655	11,461	11,062	10,803
Poultry (mil. lb.)	33,667	35,570	37,215	8,580	8,638	9,072	8,930	8,930	9,165	9,400
Eggs (mil. doz.)	6,659	6,884	7,030	1,712	1,691	1,702	1,725	1,765	1,735	1,735
Milk (bil. lb.)	157.4	162.0	165.2	38.9	40.5	42.0	39.7	39.8	41.6	42.7
Consumption, per capita										
Red meat and poultry (lb.)	213.7	220.4	219.0	56.4	54.1	55.0	55.4	55.8	54.5	54.4
Corn beginning stocks (mil. bu.) ³	883.2	1,307.8	1,796.4	3,039.8	1,307.8	8,051.9	5,698.4	3,616.2	--	--
Corn use (mil. bu.) ³	8,791.0	9,292.5	9,305.0	1,734.0	3,021.0	2,359.2	2,089.4	1,822.9	--	--
Prices ⁴										
Choice steers--Neb. Direct (\$/cwt)	61.48	64.91	66-72	61.06	62.43	65.04	65.15	66-68	66-70	67-73
Barrows and gilts--IA, So. MN (\$/cwt)	34.72	32.42	34-37	22.06	28.83	35.18	35.68	29-31	31-33	34-36
Broilers--12-city (cents/lb.)	63.10	58.00	54-58	64.50	58.10	58.60	58.10	56-58	52-56	54-58
Eggs--NY gr. A large (cents/doz.)	75.80	68.60	63-68	81.70	75.00	58.10	66.20	74-76	68-72	53-57
Milk--all at plant (\$/cwt)	15.42	14.65-	12.75-	17.83	15.97	12.87	14.87	14.80-	12.65-	11.70-
		14.75	13.65				0.00	15.20	13.35	12.70
Wheat--KC HRW ordinary (\$/bu.)	3.29	3.08	--	3.34	3.16	2.92	2.82	--	--	--
Corn--Chicago (\$/bu.)	2.34	2.06	--	2.11	2.16	2.13	1.83	--	--	--
Soybeans--Chicago (\$/bu.)	6.01	--	--	5.44	4.95	4.58	4.40	--	--	--
Cotton--avg. spot 41-34 (cents/lb)	67.02	--	--	64.15	56.61	55.43	49.11	--	--	--
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Farm real estate values ⁵										
Nominal (\$ per acre)	683	703	713	740	798	844	887	926	974	992
Real (1982 \$)	528	521	507	514	540	558	572	586	604	609
U.S. civilian employment (mil.) ⁶	125.8	126.3	128.1	129.2	131.1	132.3	133.9	136.3	--	--
Food and fiber (mil.)	24.9	24.4	23.7	24.0	24.5	24.8	24.7	24.3	--	--
Farm sector (mil.)	2.0	2.0	1.9	1.8	1.9	1.9	1.9	1.8	--	--
U.S. gross domestic product (\$ bil.)	5,743.8	5,916.7	6,244.4	6,558.1	6,947.0	7,269.6	7,661.6	8,110.9	--	--
Food and fiber--net value added (\$ bil.)	891.7	903.2	937.3	956.7	1,006.1	1,025.8	1,055.8	1,078.1	--	--
Farm sector--net value added (\$ bil.) ⁷	60.6	56.5	61.7	52.8	57.0	53.9	66.1	60.6	--	--

F = Forecast. -- = Not available. 1. Quarterly data for 1999 are forecast. 2. Annual data based on Oct.-Sept. fiscal years ending with year indicated.

3. Sept.-Nov. first quarter; Dec.-Feb. second quarter; Mar.-May third quarter; Jun.-Aug. fourth quarter; Sept.-Aug. annual. Use includes exports and domestic disappearance. 4. Simple averages, Jan.-Dec. 5. As of January 1. 6. Civilian labor force taken from "Monthly Labor Review,"

Table 18--Annual Data: Employment Status of the Population, Bureau of Labor Statistics, U.S. Department of Labor. 7. The value-added data presented here is consistent with accounting conventions of the National Income and Product Accounts, U.S. Department of Commerce.

U.S. & Foreign Economic Data

Table 2—U.S. Gross Domestic Product & Related Data

	1997			1998					1999	
	1996	1997	1998	IV	I	II	III	IV	I	II
<i>Billions of current dollars (quarterly data seasonally adjusted at annual rates)</i>										
Gross Domestic Product	7,636.0	8,110.9	8,511.0	8,254.5	8,384.2	8,440.6	8,537.9	8,681.2	8,808.7	8,873.4
Gross National Product	7,674.0	8,102.9	8,490.5	8,234.9	8,369.4	8,421.8	8,510.9	8,660.0	8,788.4	8,853.1
Personal consumption expenditures	5,207.6	5,493.7	5,807.9	5,593.2	5,676.5	5,773.7	5,846.7	5,934.8	6,050.6	6,155.0
Durable goods	634.5	673.0	724.7	682.2	705.1	720.1	718.9	754.5	771.2	784.9
Nondurable goods	1,534.7	1,600.6	1,662.4	1,613.2	1,633.1	1,655.2	1,670.0	1,691.3	1,736.0	1,770.6
Food	756.1	780.9	815.3	787.1	796.9	810.2	818.7	835.6	844.1	850.0
Clothing and shoes	264.3	278.0	293.8	280.7	291.0	295.3	293.7	295.1	308.1	313.9
Services	3,038.4	3,220.1	3,420.8	3,297.8	3,338.2	3,398.4	3,457.7	3,488.9	3,543.4	3,599.5
Gross private domestic investment	1,116.5	1,256.0	1,367.1	1,292.0	1,366.6	1,345.0	1,364.4	1,392.4	1,417.4	1,417.4
Fixed investment	1,090.7	1,188.6	1,307.8	1,220.1	1,271.1	1,305.8	1,307.5	1,346.7	1,377.9	1,410.0
Change in business inventories	25.9	67.4	59.3	71.9	95.5	39.2	57.0	45.7	39.5	7.5
Net exports of goods and services	-94.8	-93.4	-151.2	-98.8	-123.7	-159.3	-165.5	-156.2	-196.9	-240.6
Government consumption expenditures and gross investment	1,406.7	1,454.6	1,487.1	1,468.1	1,464.9	1,481.2	1,492.3	1,510.2	1,537.5	1,541.5
<i>Billions of 1992 dollars (quarterly data seasonally adjusted at annual rates) ¹</i>										
Gross Domestic Product	6,928.4	7,269.8	7,551.9	7,364.6	7,464.7	7,498.6	7,566.5	7,677.7	7,759.6	7,790.6
Gross National Product	7,008.4	7,266.2	7,537.8	7,350.7	7,455.2	7,485.9	7,546.7	7,663.3	7,746.3	7,777.4
Personal consumption expenditures	4,714.1	4,913.5	5,153.3	4,981.0	5,055.1	5,130.2	5,181.8	5,246.0	5,331.9	5,394.8
Durable goods	611.1	668.6	737.1	684.8	710.3	729.4	733.7	775.0	798.9	817.5
Nondurable goods	1,432.3	1,486.3	1,544.1	1,494.3	1,521.2	1,540.9	1,549.1	1,565.1	1,600.9	1,612.1
Food	689.7	699.3	718.0	699.9	706.8	716.3	718.9	730.1	734.3	737.2
Clothing and shoes	267.7	288.4	310.3	292.3	307.4	311.4	309.8	312.5	333.1	336.2
Services	2,671.0	2,761.5	2,879.5	2,804.8	2,829.3	2,866.8	2,904.8	2,917.2	2,946.8	2,981.2
Gross private domestic investment	1,069.1	1,206.4	1,330.1	1,241.9	1,321.8	1,306.5	1,331.6	1,360.6	1,388.5	1,389.7
Fixed investment	1,041.7	1,138.0	1,267.8	1,169.5	1,224.9	1,264.1	1,270.9	1,311.0	1,344.0	1,375.6
Change in business inventories	25.0	63.2	57.4	66.5	91.4	38.2	55.7	44.2	38.7	7.4
Net exports of goods and services	-114.4	-136.1	-238.2	-149.0	-198.5	-245.2	-259.0	-250.0	-303.6	-338.0
Government consumption expenditures and gross investment	1,257.9	1,285.0	1,296.9	1,289.2	1,283.0	1,294.8	1,299.6	1,310.3	1,323.9	1,317.5
GDP implicit price deflator (% change)	1.9	1.9	1.0	1.2	0.8	0.9	1.0	0.8	1.6	1.3
Disposable personal income (\$ bil.)	5,534.7	5,795.1	6,027.9	5,879.4	5,937.1	5,988.9	6,052.4	6,133.1	6,205.2	6,278.5
Disposable pers. income (1992 \$ bil.)	5,043.0	5,183.1	5,348.5	5,235.8	5,287.1	5,321.5	5,364.1	5,421.2	5,468.2	5,503.1
Per capita disposable pers. income (\$)	20,840	21,633	22,304	21,871	22,046	22,192	22,373	22,604	22,811	23,027
Per capita disp. pers. income (1992 \$)	18,989	19,349	19,790	19,478	19,632	19,719	19,829	19,980	20,101	20,183
U.S. resident population plus Armed Forces overseas (mil.) ²	265.5	268.0	270.6	269.0	269.5	270.1	270.8	271.5	272.0	272.7
Civilian population (mil.) ²	263.9	266.5	269.1	267.5	268.0	268.6	269.3	270.1	270.6	271.2
<i>Monthly data seasonally adjusted</i>										
	1996	1997	1998	Aug	Mar	Apr	May	Jun	Jul	Aug
Total industrial production (1992=100)	121.4	129.7	135.1	135.7	137.5	138.0	138.4	138.5	139.3	139.9
Leading economic indicators (1992=100)	102.1	103.9	105.5	105.8	107.2	107.1	107.4	107.7	108.0	107.9
Civilian employment (mil. persons) ³	126.7	129.6	131.5	131.3	133.0	133.1	133.2	133.4	133.3	133.4
Civilian unemployment rate (%) ³	5.4	4.9	4.5	4.5	4.2	4.3	4.2	4.3	4.3	4.2
Personal income (\$ bil. annual rate)	6,425.2	6,784.0	7,126.1	7,164.1	7,374.9	7,406.6	7,430.3	7,486.0	7,502.8	7,541.9
Money stock-M2 (daily avg.) (\$ bil.) ⁴	3,823.9	4,046.4	4,401.0	4,240.6	4,455.6	4,488.2	4,505.1	4,520.8	4,541.0	4,561.9
Three-month Treasury bill rate (%)	5.02	5.07	4.81	4.94	4.48	4.28	4.51	4.59	4.60	4.76
AAA corporate bond yield (Moody's) (%)	7.37	7.26	6.53	6.52	6.62	6.64	6.93	7.23	7.19	7.40
Total housing starts (1,000) ⁵	1,476.8	1,474.0	1,616.9	1,615	1,746	1,577	1,668	1,607	1,670	1,676
Business inventory/sales ratio ⁶	1.41	1.38	1.39	1.40	1.36	1.36	1.35	1.34	1.34	--
Sales of all retail stores (\$ bil.) ⁷	2,465.1	2,546.3	2,696.5	228.1	239.0	240.2	247.2	247.0	249.5	253.1
Nondurable goods stores (\$ bil.)	1,457.8	1,505.4	1,563.8	134.6	137.4	138.7	143.3	143.9	144.6	146.0
Food stores (\$ bil.)	424.2	432.1	443.0	36.8	38.3	38.3	38.3	38.2	38.3	38.5
Apparel and accessory stores (\$ bil.)	113.0	116.8	124.2	10.6	10.9	11.1	11.5	11.4	11.3	11.4
Eating and drinking places (\$ bil.)	238.4	244.1	247.1	22.2	21.6	21.8	23.6	23.7	23.8	23.8

-- = Not available. 1. In April 1996, 1992 dollars replaced 1987 dollars. 2. Population estimates based on 1990 census. 3. Data beginning January 1994 are not directly comparable with data for earlier periods because of a major redesign of the household survey questionnaire. 4. Annual data as of December of year listed. 5. Private, including farm. 6. Manufacturing and trade. 7. Annual total. *Information contact: David Johnson (202) 694-5324*

Table 3—World Economic Growth

	Calendar year									
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
	<i>Real GDP, annual percent change</i>									
World	1.8	1.8	1.5	3.0	2.8	3.5	3.4	1.9	2.6	3.0
less U.S.	2.8	1.5	1.3	2.8	2.9	3.6	3.2	1.2	2.2	3.3
Developed Economies	1.7	1.6	0.8	2.7	2.2	3.0	2.8	2.0	2.5	2.4
less U.S.	3.2	1.0	0.1	2.2	2.1	2.8	2.2	1.0	1.8	2.4
United States	-0.9	2.7	2.3	3.5	2.3	3.4	3.9	3.9	3.7	2.4
Canada	-1.9	0.9	2.3	4.7	2.8	1.7	4.0	3.1	3.6	2.9
Japan	3.8	1.0	0.3	0.7	1.4	5.2	1.4	-2.9	1.1	1.2
Australia	-1.1	2.4	3.8	5.2	3.8	4.3	4.1	4.8	4.0	3.1
European Union	3.7	1.0	-0.5	2.7	2.4	1.6	2.4	2.6	1.9	2.9
Transition Economies	-7.1	-12.3	-7.5	-9.5	-2.2	-2.2	1.0	-2.4	-4.7	-0.6
Eastern Europe	8.8	1.5	-0.5	-1.9	2.2	2.0	1.7	-0.4	-12.0	-1.8
Poland	-6.3	2.0	3.8	4.2	7.1	5.9	6.9	4.8	2.8	5.8
Former Soviet Union	-12.4	-18.0	-11.2	-13.9	-5.1	-5.1	0.5	-3.9	1.1	0.2
Russia	-5.0	-14.5	-8.7	-12.6	-4.1	-4.9	0.8	-4.3	1.7	0.1
Developing Economies	4.5	6.0	6.0	6.3	5.6	6.1	5.7	2.1	3.7	5.5
Asia	6.6	8.5	8.5	9.3	8.6	7.8	6.6	2.1	6.2	6.8
East Asia	8.5	10.2	10.1	10.4	9.2	8.2	7.5	3.8	7.0	7.5
China	9.3	14.2	13.5	12.6	10.5	9.6	8.8	7.8	7.6	8.0
Taiwan	7.5	6.8	6.3	6.6	6.0	5.7	6.8	4.8	5.6	4.6
Korea	8.3	4.7	5.3	8.3	8.9	6.8	5.0	-5.8	7.2	8.4
Southeast Asia	6.8	6.9	7.4	8.1	8.5	7.5	4.9	-6.4	3.5	5.7
Indonesia	8.9	7.2	7.2	7.5	8.2	8.0	4.7	-13.6	2.6	7.4
Malaysia	8.8	7.8	8.4	9.4	9.5	8.0	7.8	-7.4	3.7	6.0
Philippines	-0.2	0.3	2.1	4.4	4.8	5.7	5.1	-0.5	3.0	3.2
Thailand	8.0	8.1	8.3	8.8	9.2	6.4	-0.4	-9.9	3.7	6.2
South Asia	1.3	5.3	4.7	7.0	6.9	6.7	5.2	4.4	6.0	5.3
India	0.5	5.4	4.9	7.5	7.3	7.3	5.5	4.5	6.5	5.4
Pakistan	6.7	4.8	2.9	4.5	4.9	2.1	2.4	3.4	3.0	4.0
Latin America	3.6	2.9	3.8	5.0	0.5	3.5	5.2	2.0	-0.8	3.2
Mexico	4.2	3.6	2.0	4.4	-6.2	5.1	6.7	4.8	3.0	3.8
Caribbean/Central	2.0	3.1	3.5	5.6	0.7	2.3	4.2	2.1	-0.2	3.3
South America	3.6	2.7	4.5	5.0	2.4	3.2	4.9	1.3	-2.0	3.0
Argentina	8.9	8.6	5.7	5.9	-2.7	5.4	8.1	3.9	-3.3	2.9
Brazil	0.5	-1.2	4.5	5.8	3.0	2.9	3.5	0.2	-0.1	3.0
Colombia	2.3	4.0	5.5	5.9	5.3	2.0	3.0	0.6	-5.5	3.5
Venezuela	9.7	6.1	0.3	-2.9	3.4	-1.6	5.9	-0.7	-7.1	1.6
Middle East	1.2	6.1	3.9	0.2	2.9	4.0	4.2	1.5	-0.4	3.2
Israel	7.7	5.6	5.6	6.9	7.0	4.7	2.6	2.0	1.5	2.6
Saudi Arabia	8.4	2.8	-0.6	0.5	0.5	2.4	2.7	1.6	-1.5	1.6
Turkey	0.9	6.0	8.0	-5.5	7.0	7.0	7.6	2.9	-4.3	5.3
Africa	0.9	0.4	1.1	1.6	3.0	4.3	2.8	3.4	3.3	4.7
North Africa	1.0	2.2	0.1	2.8	2.4	5.6	2.3	5.1	4.6	5.4
Egypt	1.1	4.4	2.9	3.9	4.6	5.0	5.0	5.0	6.0	5.4
Sub-Saharan	0.8	-0.7	1.8	0.9	3.3	3.4	3.1	2.4	2.4	4.2
South Africa	-1.0	-2.6	1.5	2.8	3.1	3.3	1.8	0.6	0.8	3.4
	<i>Consumer Prices, annual percent change</i>									
Developed Economies	4.7	3.5	3.1	2.6	2.5	2.4	2.1	1.6	1.4	1.7
Transition Economies	94.1	646.4	602.0	266.9	126.9	40.6	28.2	20.8	40.9	12.4
Developing Economies	36.5	38.9	47.2	51.8	22.2	14.3	9.4	10.4	8.8	7.5
Asia	8.3	7.6	10.7	15.9	12.8	8.3	4.8	8.0	4.7	4.5
Latin America	128.6	151.0	209.0	208.9	35.9	20.8	13.9	10.5	14.6	9.9
Middle East	27.5	25.5	24.7	31.9	36.0	24.7	23.1	23.8	19.7	19.4
Africa	24.6	32.5	30.6	37.2	33.2	25.9	11.1	8.6	8.6	6.6

-- = Not available. The last three years are either estimates or forecasts. Sources: Oxford Economic Forecasting; International Financial Statistics, IMF.

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Farm Prices

Table 4—Indexes of Prices Received & Paid by Farmers, U.S. Average

	Annual		1998			1999				
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep
	<i>1990-92=100</i>									
Prices received										
All farm products	112	107	101	99	96	99	98	95	98	97
All crops	127	116	107	100	103	105	100	95	99	97
Food grains	157	128	103	88	96	91	87	77	87	89
Feed grains and hay	146	117	100	86	92	93	91	84	85	82
Cotton	122	112	107	111	94	93	92	90	87	85
Tobacco	105	104	104	103	86	--	--	86	94	99
Oil-bearing crops	128	131	107	93	83	81	80	75	78	84
Fruit and nuts, all	118	108	114	128	109	123	130	133	138	132
Commercial vegetables	111	122	120	111	128	122	111	103	105	107
Potatoes and dry beans	114	90	98	88	103	108	111	121	107	91
Livestock and products	99	98	96	98	90	93	95	94	97	98
Meat animals	87	92	79	73	81	83	84	81	85	83
Dairy products	114	102	118	129	96	98	100	105	115	122
Poultry and eggs	120	113	117	128	104	110	113	113	110	110
Prices paid										
Commodities and services,										
interest, taxes, and wage rates (PPITW)	114	117	115	115	116	116	117	116	117	117
Production items	114	117	112	112	113	113	113	113	113	114
Feed	129	123	105	102	102	102	100	98	99	99
Livestock and poultry	75	94	88	80	92	89	93	92	91	94
Seeds	115	119	122	123	121	121	121	121	121	121
Fertilizer	125	121	112	110	107	106	105	104	103	103
Agricultural chemicals	119	120	122	119	121	116	120	119	123	127
Fuels	102	108	87	89	88	91	92	101	110	113
Supplies and repairs	115	118	119	120	121	121	121	121	121	121
Autos and trucks	118	119	119	118	119	119	119	119	118	118
Farm machinery	125	129	132	134	135	135	135	135	135	135
Building material	115	118	118	119	119	119	120	121	121	121
Farm services	116	117	116	117	116	116	118	117	117	117
Rent	119	121	124	134	130	130	130	130	130	130
Interest payable per acre on farm real estate deb	105	107	108	109	110	110	110	110	110	110
Taxes payable per acre on farm real estate	112	115	119	119	120	120	120	120	120	120
Wage rates (seasonally adjusted)	117	123	129	125	135	135	135	131	131	131
Prod. items, interest, taxes & wage rates (PITW)	114	117	114	113	115	115	115	115	115	116
Ratio, prices received to prices paid (%)*	98	91	88	86	83	85	84	82	84	83
Prices received (1910-14=100)	712	679	643	629	610	628	620	602	625	618
Prices paid, etc. (parity index) (1910-14=100)	1,520	1,558	1,532	1,529	1,551	1,546	1,552	1,546	1,551	1,559
Parity ratio (1910-14=100) (%)*	47	44	42	41	39	41	40	39	40	40

-- = Not available. Values for the two most recent months are revised or preliminary. *Ratio of index of prices received for all farm products to index of prices paid for commodities and services, interest, taxes, and wage rates. Ratio uses the most recent prices paid index. Data for this table are taken from the publication *Agricultural Prices*, which is produced monthly by USDA's National Agricultural Statistics Service (NASS) and is available at <http://usda.mannlib.cornell.edu/reports/nassr/price/pap-bb/>. For historical data or for categories not listed here, call the National Agricultural Statistics Service (NASS) Information Hotline at 1-800-727-9540, or access the NASS Home Page at <http://www.usda.gov/nass>.

Table 5—Prices Received by Farmers, U.S. Average

	Annual ¹			1998	1999					
	1996	1997	1998	Aug	Mar	Apr	May	Jun	Jul	Aug
Crops										
All wheat (\$/bu.)	4.30	3.38	2.70	2.38	2.65	2.62	2.53	2.50	2.23	2.43
Rice, rough (\$/cwt)	9.96	9.70	8.50	8.95	8.86	8.54	8.16	8.20	8.15	8.06
Corn (\$/bu.)	2.71	2.43	1.95	1.89	2.06	2.05	2.00	1.97	1.74	1.78
Sorghum (\$/cwt)	4.17	3.95	3.10	3.32	3.17	3.09	2.93	2.87	2.83	2.94
All hay, baled (\$/ton)	95.80	100.00	87.00	88.00	78.50	81.90	91.60	81.70	78.40	77.40
Soybeans (\$/bu.)	7.35	6.47	5.35	5.43	4.61	4.63	4.51	4.44	4.20	4.25
Cotton, upland (¢/lb.)	69.30	65.20	64.20	66.20	55.30	56.70	56.10	55.50	54.30	53.90
Potatoes (\$/cwt)	4.93	5.62	5.24	5.55	5.81	6.14	6.30	6.58	7.34	5.80
Lettuce (\$/cwt) ²	14.70	17.60	15.20	16.30	14.50	20.60	14.00	11.40	12.50	12.90
Tomatoes, fresh (\$/cwt) ²	28.10	31.70	35.00	25.50	24.80	23.40	25.30	33.70	25.40	21.50
Onions (\$/cwt)	10.50	12.60	13.80	14.30	11.20	16.90	17.80	17.60	17.10	15.90
Beans, dry edible (\$/cwt)	23.50	19.30	19.80	19.60	17.20	16.80	20.10	19.50	19.30	19.10
Apples for fresh use (¢/lb.)	20.80	22.10	17.10	13.80	15.70	14.70	14.00	12.70	12.40	18.40
Pears for fresh use (\$/ton)	376.00	276.00	291.00	328.00	331.00	337.00	340.00	356.00	469.00	341.00
Oranges, all uses (\$/box) ³	4.79	4.22	4.29	5.37	6.02	5.82	6.46	8.78	10.10	6.93
Grapefruit, all uses (\$/box) ³	2.30	1.91	1.41	6.01	1.67	2.23	3.66	8.78	10.67	5.36
Livestock										
Cattle, all beef (\$/cwt)	58.70	63.10	59.60	57.40	62.40	62.70	62.10	63.70	62.60	62.90
Calves (\$/cwt)	58.40	78.90	78.80	76.90	87.30	88.20	87.60	89.00	89.20	89.00
Hogs, all (\$/cwt)	51.90	52.90	34.40	35.20	27.80	30.20	36.40	34.20	31.20	36.40
Lambs (\$/cwt)	88.20	90.30	72.30	80.10	67.40	67.40	82.80	81.30	77.00	--
All milk, sold to plants (\$/cwt)	14.75	13.36	15.41	15.50	15.00	12.60	12.80	13.10	13.70	14.90
Milk, manuf. grade (\$/cwt)	13.43	12.17	14.33	14.60	15.10	11.90	11.50	11.90	13.20	14.80
Broilers, live (¢/lb.)	38.10	37.70	39.30	46.80	35.80	34.30	37.80	38.50	38.10	36.20
Eggs, all (¢/doz.) ⁴	74.90	70.30	65.50	65.00	67.90	59.60	52.90	55.30	57.30	59.00
Turkeys (¢/lb.)	43.30	39.90	38.00	38.60	37.00	38.70	39.70	41.50	41.80	43.10

-- = Not available. Values for the two most recent months are revised or preliminary. 1. Season-average price by crop year for crops. Calendar year average of monthly prices for livestock. 2. Excludes Hawaii. 3. Equivalent on-tree returns. 4. Average of all eggs sold by producers including hatching eggs and eggs sold at retail. Data for this table are taken from the publication *Agricultural Prices*, which is produced monthly by USDA's National Agricultural Statistics Service (NASS) and is available at <http://usda.mannlib.cornell.edu/reports/nassr/price/pap-bb/>. For historical data or for categories not listed here, call the National Agricultural Statistics Service (NASS) Information Hotline at 1-800-727-9540, or access the NASS Home Page at <http://www.usda.gov/nass>.

Producer & Consumer Prices

Table 6—Consumer Price Indexes for All Urban Consumers, U.S. Average (not seasonally adjusted)

	Annual			1998	1999					
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep
	<i>1982-84=100</i>									
Consumer Price Index, all items	156.9	160.5	163.0	163.6	166.2	166.2	166.2	166.7	167.1	167.9
CPI, all items less food	157.5	161.1	163.6	164.1	166.7	166.6	166.7	167.2	167.7	168.5
All food	153.3	157.3	160.7	161.1	163.4	163.7	163.6	163.8	164.2	164.6
Food away from home	152.7	157.0	161.1	162.1	164.5	164.6	164.6	165.1	165.6	165.8
Food at home	154.3	158.1	161.1	161.2	163.5	163.9	163.7	163.7	164.1	164.5
Meats ¹	140.2	144.4	141.6	141.6	140.5	141.4	141.8	142.2	142.8	143.9
Beef and veal	134.5	136.8	136.5	136.3	137.9	137.9	139.4	138.9	138.8	140.3
Pork	148.2	155.9	148.5	148.7	141.8	144.7	145.4	146.9	147.6	149.7
Poultry	152.4	156.6	157.1	159.3	157.6	155.7	156.8	157.3	158.5	159.8
Fish and seafood	173.1	177.1	181.7	181.5	185.3	185.9	184.6	184.4	185.2	184.7
Eggs	142.1	140.0	135.4	132.4	129.6	121.4	125.1	119.5	130.8	128.2
Dairy and related products ²	142.1	145.5	150.8	152.9	156.1	156.2	156.1	155.7	156.5	158.7
Fats and oils ³	140.5	141.7	146.9	152.4	149.0	147.2	147.5	148.1	148.6	148.5
Fresh fruits	234.4	236.3	246.5	247.6	271.9	280.6	273.4	264.9	266.2	265.8
Fresh vegetables	189.2	194.6	215.8	200.1	206.2	207.7	203.1	206.0	204.8	208.0
Potatoes	180.6	174.2	185.2	189.1	183.3	191.5	194.7	205.0	212.1	204.6
Cereals and bakery products	174.0	177.6	181.1	181.9	184.8	185.1	185.7	186.3	184.9	185.2
Sugar and sweets	143.7	147.8	150.2	150.8	151.7	153.0	152.4	152.4	152.7	153.5
Nonalcoholic beverages ⁴	128.6	133.4	133.0	132.2	134.3	134.2	134.3	134.3	134.5	134.2
Apparel										
Footwear	126.6	127.6	128.0	128.6	129.2	127.4	125.4	125.2	123.8	124.7
Tobacco and smoking products	232.8	243.7	274.8	283.5	349.9	345.5	343.2	356.0	350.1	373.8
Alcoholic beverages	158.5	162.8	165.7	166.3	168.8	169.3	169.5	169.9	170.2	170.7

1. Beef, veal, lamb, pork, and processed meat. 2. Included butter through Dec. '97. 3. Includes butter as of Jan. '98. 4. Includes fruit juices as of Jan. '98.

This table is compiled with data provided by the Bureau of Labor Statistics (BLS). BLS operates a website at <http://stats.bls.gov/blshome.html> and a Consumer Prices Information Hotline at (202) 606-7828.

Table 7—Producer Price Indexes, U.S. Average (not seasonally adjusted)

	Annual		1998		1999					
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep
	<i>1982=100</i>									
All commodities	127.7	127.6	124.4	123.8	123.6	124.7	125.1	125.5	126.8	128.0
Finished goods ¹	131.3	131.8	130.6	130.6	131.9	132.4	132.7	132.9	133.7	134.8
All foods ²	132.5	132.8	132.4	133.5	130.3	131.6	132.5	131.3	132.7	134.4
Consumer foods	133.6	134.5	134.3	135.4	133.4	134.5	135.3	134.3	135.7	137.0
Fresh fruits and melons	100.8	99.4	90.0	92.3	103.1	115.4	103.2	99.9	96.7	105.4
Fresh and dry vegetables	135.0	123.1	139.5	130.8	132.5	111.5	127.7	117.3	111.1	120.4
Dried and dehydrated fruits	124.2	124.9	124.4	125.5	122.6	120.6	120.5	120.6	120.6	118.8
Canned fruits and juices	137.5	137.6	134.4	133.4	138.0	137.9	138.4	138.6	137.9	138.3
Frozen fruits, juices and ades	123.9	117.2	116.1	117.2	123.6	121.8	122.4	120.4	117.8	120.8
Fresh veg. except potatoes	120.9	121.3	137.9	135.0	144.4	111.3	125.8	103.4	113.7	117.5
Canned vegetables and juices	121.2	120.1	121.5	120.0	120.9	121.0	121.0	121.0	121.0	120.9
Frozen vegetables	125.4	125.8	125.4	125.3	126.7	125.9	126.0	127.3	126.1	126.1
Potatoes	133.9	106.1	122.5	147.5	106.4	131.0	146.8	164.3	151.3	116.4
Eggs for fresh use (1991=100)	105.1	97.1	90.1	88.9	74.8	66.8	70.1	75.2	82.7	75.7
Bakery products	169.8	173.9	175.8	175.9	177.8	177.7	177.7	177.8	177.8	178.0
Meats	109.0	111.6	101.4	100.0	99.8	104.8	107.5	104.2	108.2	109.7
Beef and veal	100.2	102.8	99.5	97.2	103.0	104.3	110.9	107.0	108.6	110.0
Pork	120.9	123.1	96.6	96.2	86.3	100.2	96.7	92.8	104.1	107.4
Processed poultry	119.8	117.4	120.7	129.4	111.8	114.4	115.3	114.7	114.5	115.2
Unprocessed and packaged fish	165.9	178.1	183.0	178.7	185.0	187.1	188.4	189.9	188.4	193.4
Dairy products	130.4	128.1	138.1	145.7	132.1	133.0	135.5	136.4	139.9	143.9
Processed fruits and vegetables	127.6	126.4	125.8	125.2	128.4	127.9	127.8	127.8	127.2	127.5
Shortening and cooking oil	138.5	137.8	143.4	151.0	--	--	--	--	--	--
Soft drinks	134.0	133.2	134.8	134.8	137.4	137.4	136.7	136.6	138.1	138.1
Finished consumer goods less foods	127.6	128.2	126.4	126.3	129.0	129.6	129.9	130.8	131.8	133.4
Alcoholic beverages	132.8	135.1	135.2	134.7	136.0	136.3	137.4	137.9	137.1	137.5
Apparel	125.1	125.7	126.6	126.9	127.1	127.3	126.5	126.4	125.9	126.1
Footwear	141.6	143.7	144.7	144.7	144.6	144.4	144.5	144.5	144.5	144.6
Tobacco products	237.4	248.9	283.4	287.4	363.4	363.5	363.6	363.5	363.8	394.5
Intermediate materials ³	125.8	125.6	123.0	122.9	121.6	122.2	122.9	123.6	124.7	125.2
Materials for food manufacturing	125.3	123.2	123.1	125.1	118.1	119.6	120.1	118.6	121.1	122.5
Flour	136.8	118.7	109.2	103.3	103.0	104.6	105.3	103.2	105.9	103.9
Refined sugar ⁴	123.7	123.6	119.8	120.3	122.0	122.7	122.7	122.9	122.5	121.8
Crude vegetable oils	118.1	116.6	131.1	131.2	97.4	95.1	86.8	77.7	85.1	85.4
Crude materials ⁵	113.8	111.1	96.7	92.1	91.1	97.4	97.2	97.4	102.1	106.9
Foodstuffs and feedstuffs	121.5	112.2	103.8	101.3	95.4	99.6	99.6	95.9	100.1	100.5
Fruits and vegetables and nuts ⁶	122.5	115.5	117.2	114.9	123.5	122.3	121.6	115.6	111.2	120.0
Grains	151.1	111.2	93.4	76.3	83.1	84.6	82.2	71.7	80.9	75.9
Slaughter livestock	95.2	96.3	82.3	79.0	83.8	87.9	88.6	85.0	88.6	86.7
Slaughter poultry, live	140.5	131.0	141.4	164.1	118.7	136.6	135.6	137.6	126.3	132.6
Plant and animal fibers	129.4	117.0	110.4	117.8	94.4	93.8	89.6	79.4	82.7	80.0
Fluid milk	107.9	97.5	112.6	123.3	93.4	94.8	98.1	101.9	111.7	118.4
Oilseeds	139.4	140.8	114.4	101.0	93.5	93.3	91.5	82.2	91.5	92.4
Leaf tobacco	89.4	--	104.6	105.2	88.5	--	--	95.8	96.7	105.5
Raw cane sugar	118.6	116.8	117.2	115.9	119.6	118.3	119.5	120.6	115.2	114.0

-- = Not available. 1. Commodities ready for sale to ultimate consumer. 2. Includes all raw, intermediate, and processed foods (excludes soft drinks, alcoholic beverages, and manufactured animal feeds). 3. Commodities requiring further processing to become finished goods. 4. All types and sizes of refined sugar. 5. Products entering market for the first time that have not been manufactured at that point. 6. Fresh and dried.

This table is compiled with data provided by the Bureau of Labor Statistics (BLS). BLS operates a website at <http://stats.bls.gov/blshome.html> and a Producer Prices Information Hotline at (202) 606-7705.

Farm-Retail Price Spreads

Table 8—Farm-Retail Price Spreads

	Annual		1998		1999					
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep
Market basket¹										
Retail cost (1982-84=100)	155.9	159.7	163.1	163.2	166.4	167.1	166.7	166.6	167.1	167.7
Farm value (1982-84=100)	111.1	106.2	103.3	104.9	96.2	97.2	98.6	96.9	98.7	100.3
Farm-retail spread (1982-84=100)	180.1	188.6	195.4	194.7	204.3	204.8	203.5	204.1	203.9	204.1
Farm value-retail cost (%)	24.9	23.3	22.2	22.5	20.2	20.4	20.7	20.4	20.7	20.9
Meat products										
Retail cost (1982-84=100)	140.1	144.4	141.6	141.6	140.5	141.4	141.8	142.2	142.8	143.9
Farm value (1982-84=100)	100.4	101.2	84.8	81.3	83.8	82.2	82.4	82.9	83.8	84.7
Farm-retail spread (1982-84=100)	180.9	188.6	200.0	203.5	198.7	202.2	202.7	203.1	203.3	204.6
Farm value-retail cost (%)	36.3	35.5	30.3	29.1	30.2	29.4	29.4	29.5	29.7	29.8
Dairy products										
Retail cost (1982-84=100)	142.1	145.5	150.8	152.9	156.1	156.2	156.1	155.7	156.5	158.7
Farm value (1982-84=100)	107.2	98.0	113.0	125.4	89.8	97.0	100.9	99.2	107.4	112.3
Farm-retail spread (1982-84=100)	174.3	189.3	185.6	178.3	217.2	210.8	207.0	207.8	201.8	201.4
Farm value-retail cost (%)	36.2	32.3	36.0	39.3	27.6	29.8	31.0	30.6	32.5	34.0
Poultry										
Retail cost (1982-84=100)	152.4	156.6	157.1	159.3	157.6	155.7	156.8	157.3	158.5	159.8
Farm value (1982-84=100)	126.2	120.6	126.1	143.9	111.7	121.7	124.4	123.5	119.0	120.5
Farm-retail spread (1982-84=100)	182.6	198.1	192.9	177.1	210.5	194.9	194.1	196.2	204.0	205.1
Farm value-retail cost (%)	44.3	41.2	42.9	48.3	37.9	41.8	42.5	42.0	40.2	40.3
Eggs										
Retail cost (1982-84=100)	142.1	140.0	137.1	132.4	129.6	121.4	125.1	119.5	130.8	128.2
Farm value (1982-84=100)	114.7	99.3	89.6	85.2	74.2	60.2	64.6	68.6	72.2	68.2
Farm-retail spread (1982-84=100)	191.4	213.0	222.5	217.1	229.1	231.4	233.8	211.0	236.1	235.9
Farm value-retail cost (%)	51.9	45.6	42.0	41.4	36.8	31.8	33.2	36.9	35.5	34.2
Cereal and bakery products										
Retail cost (1982-84=100)	174.0	177.6	181.1	181.9	184.8	185.1	185.7	186.3	184.9	185.2
Farm value (1982-84=100)	125.6	107.7	94.4	85.6	85.7	84.0	81.8	78.2	81.8	82.0
Farm-retail spread (1982-84=100)	180.7	187.4	193.2	195.3	198.6	199.2	200.2	201.4	199.3	199.6
Farm value-retail cost (%)	7.2	7.4	6.4	5.8	5.7	5.6	5.4	5.1	5.4	5.4
Fresh fruit										
Retail cost (1982-84=100)	243.0	245.1	258.2	260.6	301.7	311.8	302.7	292.7	294.2	294.5
Farm value (1982-84=100)	151.7	137.0	141.3	152.3	155.4	162.1	157.2	145.5	157.1	160.4
Farm-retail spread (1982-84=100)	285.2	295.0	312.2	310.6	369.2	380.9	369.9	360.7	357.5	356.4
Farm value-retail cost (%)	19.7	17.7	17.3	18.5	16.3	16.4	16.4	15.7	16.9	17.2
Fresh vegetables										
Retail cost (1982-84=100)	189.2	194.6	215.8	200.1	206.2	207.7	203.1	206.0	204.8	208.0
Farm value (1982-84=100)	113.3	118.7	124.5	103.0	135.0	126.9	133.2	122.4	113.5	114.3
Farm-retail spread (1982-84=100)	228.3	233.6	262.7	250.0	242.8	249.2	239.0	249.0	251.7	256.2
Farm value-retail cost (%)	20.3	20.7	19.6	17.5	22.2	20.7	22.3	20.2	18.8	18.7
Processed fruits and vegetables										
Retail cost (1982-84=100)	144.4	147.9	150.6	152.1	153.3	155.4	154.8	156.4	156.5	154.9
Farm value (1982-84=100)	121.5	115.9	115.1	117.8	113.2	114.6	115.1	114.5	114.5	115
Farm-retail spread (1982-84=100)	151.6	157.9	161.7	162.8	165.8	168.1	167.2	169.5	169.6	167.4
Farm value-retail cost (%)	20.0	18.6	18.2	18.4	17.6	17.5	17.7	17.4	17.4	17.6
Fats and oils										
Retail cost (1982-84=100)	140.5	141.7	146.9	152.4	149.0	147.2	147.5	148.1	148.6	148.5
Farm value (1982-84=100)	112.3	109.4	118.9	120.5	96.4	91.0	89.2	81.2	80.8	83.0
Farm-retail spread (1982-84=100)	150.9	153.6	157.2	164.1	168.4	167.9	168.9	172.7	173.5	172.6
Farm value-retail cost (%)	21.5	20.8	21.8	21.3	17.4	16.6	16.3	13.7	14.6	15.0

See footnotes at end of table, next page.

Table 8—Farm-Retail Price Spreads (continued)

	Annual			1998		1999				
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep
Beef, All Fresh Retail Price (cts/lb)	252.4	253.8	253.3	250.0	257	257.7	256.8	258	256.9	258.7
Beef, Choice										
Retail price (cents/lb.) ²	280.2	279.5	277.1	274.2	283.9	283.2	287.2	289.3	289	289.4
Wholesale value (cents) ³	158.1	158.2	153.8	153.2	166.1	171.3	178.1	171.5	175.8	177.3
Net farm value (cents) ⁴	134.9	137.2	130.8	124.6	141.1	139.6	142.1	138.6	140.4	140.9
Farm-retail spread (cents)	145.3	142.3	146.3	149.6	142.8	143.6	145.1	150.7	148.6	148.5
Wholesale-retail (cents) ⁵	122.1	121.3	123.3	121	117.8	111.9	109.1	117.8	113.2	112.1
Farm-wholesale (cents) ⁶	23.2	21.0	23.0	28.6	25	31.7	36.0	32.9	35.4	36.4
Farm value-retail price (%)	48	49	47	45	50	49	49	48	49	49
Pork										
Retail price (cents/lb.) ²	233.7	245.0	242.7	244.7	234.8	239.2	241.2	244.3	246.8	248.1
Wholesale value (cents) ³	123.2	123.1	97.3	96.2	95.0	105.3	100.5	97	107.7	105.0
Net farm value (cents) ⁴	99.4	95.3	61.2	56.4	56.4	68.5	63	58.4	68.8	63.7
Farm-retail spread (cents)	134.3	149.6	181.5	188.3	178.4	170.7	178.2	185.9	178.0	184.4
Wholesale-retail (cents) ⁵	110.5	121.9	145.4	148.5	139.8	133.9	140.7	147.3	139.1	143.1
Farm-wholesale (cents) ⁶	23.8	27.7	36.1	39.8	38.6	36.8	37.5	38.6	38.9	41.3
Farm value-retail price (%)	43	39	25	23	24	29	26	24	28	26

1. Retail costs are based on CPI-U of retail prices for domestically produced farm foods, published monthly by the Bureau of Labor Statistics (BLS). Farm value is the payment for the quantity of farm equivalent to the retail unit, less allowance for by-product. Farm values are based on prices at first point of sale, and may include marketing charges such as grading and packing for some commodities. The farm-retail spread, the difference between the retail price and farm value, represents charges for assembling, processing, transporting and distributing. 2. Weighted-average price of retail cuts from pork and Choice yield grade 3 beef. Prices from BLS. 3. Value of wholesale (boxed beef) and wholesale cuts (pork) equivalent to 1 lb. of retail cuts adjusted for transportation costs and by-product values. 4. Market value to producer for live animal equivalent to 1 lb. of retail cuts, minus value of by-products. 5. Charges for retailing and other marketing services such as wholesaling and in-city transportation. 6. Charges for livestock marketing, processing, and transportation. *Information contact: Veronica Jones (202) 694-5387, Larry Duewer (202) 694-5172*

Note: Pork price and spread procedures have been revised (January 1999) and historical data made consistent with the updated series.

For the complete updated series call Larry Duewer.

Table 9—Price Indexes of Food Marketing Costs

	Annual			1997		1998			1999	
	1996	1997	1998	IV	I	II	III	IV	I	II
	1987=100*									
Labor—hourly earnings and benefits	459.7	474.3	490.4	480.2	484.9	488.3	493.0	494.6	497.8	502.5
Processing	474.7	486.0	499.3	490.5	493.8	497.7	500.7	504.9	504.6	513
Wholesaling	516.0	536.2	552.5	545.4	546.8	552.5	555.4	555.1	556.9	562.3
Retailing	419.9	435.2	454.1	441.1	448.7	450.6	457.8	459.4	464.9	465.6
Packaging and containers	399.8	390.3	395.5	392.9	398.5	396.7	394.9	391.9	390.3	396.4
Paperboard boxes and containers	363.8	341.9	365.2	350.3	365.4	368.7	366.8	359.8	355.7	368.3
Metal cans	498.3	491.0	487.9	487.9	494.1	484.7	486.0	486.6	486.6	486.6
Paper bags and related products	437.8	441.9	432.9	442.5	438.8	434.0	430.2	428.5	425.6	435.7
Plastic films and bottles	326.5	326.6	322.8	327.5	326.7	325.0	321.0	318.5	319.7	321.4
Glass containers	460.5	447.4	446.8	446.6	446.9	446.9	446.1	447.3	447.8	447.8
Metal foil	235.7	233.4	232.0	236.4	231.8	232.6	232.6	230.9	228.2	226.1
Transportation services	429.8	430.0	428.3	429.4	429.9	431.8	426.3	425.0	403.9	393.7
Advertising	580.1	609.4	624.5	611.6	623.2	624.2	624.5	626.2	634.1	635.3
Fuel and power	670.7	668.5	619.7	669.0	625.1	622.9	629.2	601.6	586.6	627.3
Electric	501.3	499.2	492.1	491.5	482.2	489.3	511.8	485.0	479.0	484.0
Petroleum	666.8	616.7	457.0	609.6	495.5	470.0	439.2	423.3	388.4	504.0
Natural gas	1,136.7	1,214.0	1,239.4	1,249.4	1,229.4	1,242.1	1,268.5	1,217.7	1,206.3	1,222.8
Communications, water and sewage	296.8	302.8	307.6	304.2	305.5	308.0	308.5	308.5	309.3	308.5
Rent	268.2	265.6	260.5	265.1	262.5	260.4	260.4	258.8	257.5	257.5
Maintenance and repair	499.6	514.9	529.3	519.7	524.1	527.1	531.1	535.1	537.9	540.7
Business services	501.7	512.3	522.9	514.1	518.4	521.2	521.8	530.3	527.7	528.7
Supplies	338.3	337.8	332.3	337.9	335.6	332.4	331.4	329.5	326.6	326.4
Property taxes and insurance	564.3	580.1	598.3	587.3	591.1	595.4	600.7	606.1	609.6	615.2
Interest, short-term	103.9	108.9	103.7	110.1	106.5	106.7	105.6	96.0	93.2	96.7
Total marketing cost index	452.1	459.9	467.2	463.4	465.3	466.9	468.6	468.0	466.5	470.9

Last two quarters preliminary. * Indexes measure changes in employee earnings and benefits and in prices of supplies used in processing, wholesaling, and retailing U.S. farm foods purchased for at-home consumption. *Information contact: Veronica Jones (202) 694-5387*

Livestock & Products

Table 10—U.S. Meat Supply & Use

	Beg. stocks	Production ¹	Imports	Total supply	Exports	Ending stocks	Consumption		Conversion factor ³	Primary market price ⁴
							Total	Per capita ²		
	<i>Million lbs.⁵</i>						<i>lbs.</i>			<i>\$/cwt</i>
Beef										
1996	519	25,525	2,073	28,117	1,877	377	25,863	68	0.700	65.06
1997	377	25,490	2,343	28,210	2,136	465	25,609	67	0.700	66.32
1998	465	25,760	2,642	28,867	2,171	393	26,303	68	0.700	61.48
1999	393	26,330	2,805	29,528	2,361	370	26,797	69	0.700	65
2000	370	24,981	3,015	28,366	2,265	365	25,736	65	0.700	66-72
Pork										
1996	396	17,117	618	18,131	970	366	16,795	49	0.776	56.53
1997	366	17,274	633	18,273	1,044	408	16,821	49	0.776	54.30
1998	408	19,011	704	20,123	1,229	586	18,308	53	0.776	34.72
1999	586	19,216	826	20,628	1,261	550	18,817	53	0.776	32
2000	550	18,655	800	20,005	1,200	500	18,305	52	0.776	34-37
Veal⁶										
1996	7	378	0	385	0	7	378	1	0.83	59
1997	7	334	0	341	0	8	333	1	0.83	82
1998	8	262	0	270	0	5	265	1	0.83	82
1999	5	235	0	240	0	6	234	1	0.83	89
2000	6	222	0	228	0	5	223	1	0.83	90
Lamb and mutton										
1996	8	268	73	349	6	9	334	1	0.89	85
1997	9	260	83	352	5	14	333	1	0.89	88
1998	14	251	112	377	6	12	359	1	0.89	74
1999	12	236	109	357	6	11	340	1	0.89	74
2000	11	213	114	338	6	10	322	1	0.89	71
Total red meat										
1996	930	43,288	2,764	46,982	2,853	759	43,370	120	--	--
1997	759	43,358	3,059	47,176	3,185	895	43,096	118	--	--
1998	895	45,284	3,458	49,637	3,406	996	45,235	123	--	--
1999	996	46,017	3,740	50,753	3,628	937	46,188	124	--	--
2000	937	44,071	3,929	48,937	3,471	880	44,586	119	--	--
<i>c/lb</i>										
Broilers										
1996	560	26,124	4	26,688	4,420	641	21,626	70	0.859	61
1997	641	27,041	5	27,687	4,664	607	22,416	72	0.859	59
1998	607	27,612	5	28,225	4,673	711	22,841	73	0.859	63
1999	711	29,466	4	30,181	4,606	850	24,724	78	0.859	58
2000	850	30,957	4	31,811	4,675	890	26,246	82	0.869	56
Mature chickens										
1996	7	491	0	498	265	6	228	1	1.0	--
1997	6	510	0	516	384	7	125	1	1.0	--
1998	7	525	0	533	426	6	101	1	1.0	--
1999	6	551	0	558	405	5	148	1	1.0	--
2000	5	567	0	572	415	5	152	1	1.0	--
Turkeys										
1996	271	5,401	1	5,673	438	328	4,906	19	1.0	66
1997	328	5,412	1	5,741	606	415	4,720	18	1.0	65
1998	415	5,215	0	5,630	446	304	4,880	18	1.0	62
1999	304	5,216	0	5,520	378	250	4,893	18	1.0	69
2000	250	5,332	0	5,582	390	300	4,892	18	1.0	69
Total poultry										
1996	839	32,015	5	32,859	5,123	975	26,760	90	--	--
1997	975	32,964	6	33,944	5,654	1,029	27,261	90	--	--
1998	1,029	33,352	6	34,387	5,545	1,022	27,821	91	--	--
1999	1,022	35,232	5	36,259	5,389	1,105	29,765	96	--	--
2000	1,105	36,855	4	37,964	5,480	1,195	31,289	100	--	--
Red meat and poultry										
1996	1,769	75,303	2,769	79,841	7,976	1,734	70,130	209	--	--
1997	1,734	76,322	3,065	81,120	8,839	1,924	70,357	208	--	--
1998	1,924	78,636	3,464	84,024	8,950	2,018	73,057	214	--	--
1999	2,018	81,249	3,745	87,012	9,017	2,042	75,953	220	--	--
2000	2,042	80,926	3,933	86,901	8,951	2,075	75,876	219	--	--

-- = Not available. Values for the last 2 years are forecasts. 1. Total including farm production for red meat and federally inspected plus nonfederally inspected for poultry. 2. Retail-weight basis. 3. Red meat, carcass to retail conversion; poultry, ready-to-cook production to retail weight. 4. Beef: Medium #1, Nebraska Direct 1,100-1,300 lb.; pork: barrows and gilts, Iowa, Southern Minnesota; veal: farm price of calves; lamb and mutton: choice slaughter lambs, San Angelo; broilers: wholesale 12-city average; turkeys: wholesale NY 8-16 lb. young hens. 5. Carcass weight for red meats and certified ready-to-cook for poultry. 6. Beginning in 1989, veal trade is no longer reported separately. *Information contact: LaVerne Williams (202) 694-5190*

Table 11—U.S. Egg Supply & Use

	Beg. stocks	Production	Imports	Total supply	Exports	Hatching use	Ending stocks	Consumption		Primary market price*
								Total	Per capita	
	<i>Million doz.</i>								<i>No.</i>	<i>¢/doz.</i>
1993	13.5	6,005.8	4.7	6,023.9	158.9	769.6	10.7	5,084.6	236.4	72.5
1994	10.7	6,177.6	3.7	6,192.0	187.6	805.4	14.9	5,184.1	238.7	67.3
1995	14.9	6,215.6	4.1	6,234.6	208.9	847.2	11.2	5,167.3	235.6	72.9
1996	11.2	6,350.7	5.4	6,367.3	253.1	863.8	8.5	5,241.8	236.8	88.2
1997	8.5	6,473.1	6.9	6,488.5	227.8	894.7	7.4	5,358.6	240.0	81.2
1998	7.4	6,658.7	5.8	6,672.0	218.8	921.8	8.4	5,523.0	245.2	75.8
1999	8.4	6,883.7	6.2	6,898.3	161.1	954.8	5.0	5,777.4	254.0	68.6
2000	5.0	7,030.0	4.0	7,039.0	170.0	1,010.0	5.0	5,854.0	255.2	65.5

Values for the last year are forecasts. Values for previous year are preliminary. * Cartoned grade A large eggs, New York. *Information contact: LaVerne Williams (202) 694-5190*

Table 12—U.S. Milk Supply & Use¹

	Commercial			Total commercial supply	Commercial			CCC net removals				
	Farm use	Market-ings	Beg. stocks		CCC net removals	Ending stocks	Disappearance	All milk price ¹	Skim solids basis	Total solid basis ²		
	<i>Billion lbs. (milkfat basis)</i>								<i>\$/cwt</i>	<i>Billion lbs.</i>		
1992	150.9	1.9	149.0	4.5	2.5	155.9	9.9	4.7	141.3	13.09	2.0	5.2
1993	150.6	1.8	148.8	4.7	2.8	156.3	6.6	4.5	145.1	12.80	3.9	5.0
1994	153.6	1.7	151.9	4.5	2.9	159.3	4.8	4.3	150.3	12.97	3.7	4.2
1995	155.3	1.6	153.7	4.3	2.9	160.9	2.1	4.1	154.9	12.74	4.4	3.5
1996	154.0	1.5	153.5	4.1	2.9	159.5	0.1	4.7	154.7	14.74	0.7	0.5
1997	156.1	1.4	154.7	4.7	2.7	162.1	1.1	4.9	156.1	13.34	3.7	2.7
1998	157.4	1.4	156.1	4.9	4.5	165.5	0.4	5.3	159.9	15.42	4.0	2.6
1999	162.2	1.3	160.9	5.3	4.6	170.9	0.3	6.4	164.0	14.70	5.9	3.7
2000	165.2	1.2	164.0	6.4	3.5	173.9	0.5	5.7	167.8	13.20	2.2	1.5

Values for latest year are forecasts. Values for the preceding year are preliminary. 1. Delivered to plants and dealers; does not reflect deductions.

2. Arbitrarily weighted average of milkfat basis (40 percent) and solids basis (60 percent). *Information contact: Jim Miller (202) 694-5184*

Table 13—Poultry & Eggs

	Annual			1998		1999				
	1996	1997	1998	Aug	Mar	Apr	May	Jun	Jul	Aug
Broilers										
Federally inspected slaughter certified (mil. lb.)	26,336.3	27,270.7	27,862.7	2,265.7	2,606.6	2,523.4	2,480.0	2,590.2	2,467.0	2,495.9
Wholesale price, 12-city (cents/lb.)	61.2	58.8	63.1	72.1	56.8	55.1	60	60.3	59.5	57.6
Price of grower feed (\$/ton) ¹	175.1	157.7	128.7	115.6	106.9	107.2	105.0	102.7	95.3	96.5
Broiler-feed price ratio ²	4.4	4.7	6.3	8.1	6.7	6.4	7.2	7.5	8.0	7.5
Stocks beginning of period (mil. lb.)	560.1	641.3	606.8	569.2	713.9	777.0	800.1	803.3	831.2	929.4
Broiler-type chicks hatched (mil.)	8,078.2	8,321.6	8,495.1	715.6	755.2	734.3	766.2	744.4	750.5	741.3
Turkeys										
Federally inspected slaughter certified (mil. lb.)	5,465.6	5,477.9	5,280.6	413.2	431.7	439.3	440.8	455.7	438.2	468.4
Wholesale price, Eastern U.S. 8-16 lb. young hens (cents/lb.)	66.5	64.9	62.2	63.2	61.7	63.0	65.6	68.9	71.6	73.6
Price of turkey grower feed (\$/ton) ¹	165.8	142.7	115.8	101.6	98.7	99.2	95.7	94.3	86.2	90.7
Turkey-feed price ratio ²	5.3	5.6	6.7	7.6	7.5	7.8	8.3	8.8	9.7	9.5
Stocks beginning of period (mil. lb.)	271.3	328.0	415.1	408.1	375.9	370.7	455.5	494.3	556.1	599
Poults placed in U.S. (mil.)	327.2	321.5	297.8	24.4	25.9	26.8	26.1	25.6	26.8	24.8
Eggs										
Farm production (mil.)	76,532	77,677	79,905	6,694	7,043	6,769	6,925	6,734	6,903	6,961
Average number of layers (mil.)	299	304	313	309	323	321	320	320	320	320
Rate of lay (eggs per layer on farms)	256.2	255.3	255.4	21.6	21.8	21.1	21.6	21.0	21.6	21.7
Cartoned price, New York, grade A large (cents/doz.) ³	88.2	81.2	75.8	77.7	75.5	60.2	59.2	54.9	68.7	67.4
Price of laying feed (\$/ton) ¹	182.5	160.0	137.5	120.4	120.2	129.6	137.4	131.7	116.9	116.8
Egg-feed price ratio ²	8.6	8.8	9.8	10.8	11.3	9.2	7.7	8.4	9.8	10.1
Stocks, first of month Frozen (mil. doz.)	10.5	7.7	7.4	8.9	8.2	7.0	7.1	7.4	8.6	8.5
Replacement chicks hatched (mil.)	401.6	424.5	438.4	33.4	41.3	42.0	40.6	40.6	34.3	35.5

1. Calculated from price ratios that were revised February 1995. 2. Pounds of feed equal in value to 1 dozen eggs or 1 lb. of broiler or turkey liveweight (revised February 1995). 3. Price of cartoned eggs to volume buyers for delivery to retailers. *Information contact: LaVerne Williams (202) 694-5190*

Table 14—Dairy

	Annual			1998			1999			
	1996	1997	1998	Aug	Mar	Apr	May	Jun	Jul	Aug
Milk--Basic Formula Price (\$/cwt) ¹	13.4	12.1	14.2	15.0	11.62	11.81	11.26	11.42	13.59	15.79
Wholesale prices										
Butter, Central States (cents/lb.) ²	108.2	116.2	177.6	216.6	130.3	103.8	111	147.7	134.7	141.3
Am. cheese, Wis. assembly pt. (cents/lb.)	149.1	132.4	158.1	166.9	134	133.6	124.8	138.1	159.7	188.9
Nonfat dry milk (cents/lb.) ³	122.2	110.0	106.9	104.6	102.4	102.3	102.3	101.4	101.7	103.8
USDA net removals										
Total (mil. lb.) ⁴	86.9	1,090.3	365.6	20.3	32.2	30.8	20.5	22.6	19.8	20.3
Butter (mil. lb.)	0.1	38.4	6.3	0.0	0.4	0.4	0	0	0	0
Am. cheese (mil. lb.)	4.6	11.3	8.2	0.8	0.4	0.3	0.3	0.1	0.2	0.5
Nonfat dry milk (Mil. lb.)	57.2	298.0	326.4	29.4	37.3	48.9	53.8	69.7	55	36.3
Milk										
Milk prod. 20 states (mil. lb.)	131,084	133,314	134,930	11,124	12,212	11,989	12,430	11,587	11,536	11,235
Milk per cow (lb.)	16,726	17,180	17,501	1,443	1,584	1,554	1,609	1,515	1,497	1,489
Number of milk cows (1,000)	7,837	7,760	7,710	7,708	7,708	7,714	7,725	7,730	7,738	7,745
U.S. milk production (mil. lb.) ⁵	154,006	156,091	157,441	12,941	14,246	13,934	14,441	13,605	13,427	13,363
Stocks, beginning ⁴										
Total (mil. lb.)	4,168	4,714	4,907	6,303	7,029	7,396	8,389	9,117	9,303	9,476
Commercial (mil. lb.)	4,099	4,704	4,889	6,566	7,001	7,371	8,362	9,086	9,264	9,432
Government (mil. lb.)	69	10	18	38	28	25	27	31	39	44
Imports, total (mil. lb.) ⁴	2,911	2,698	4,588	588	397	360	330	316	458	--
Commercial disappearance (mil. lb.) ⁴	154,745	156,120	159,917	13,752	14,131	13,165	13,916	13,613	13,586	--
Butter										
Production (mil. lb.)	1,174.5	1,151.2	1,081.9	64.3	113.7	106.4	104.7	86.0	75.7	66.8
Stocks, beginning (mil. lb.)	15.8	13.4	20.5	50.7	94.7	108.7	126.3	136.3	121.0	123.2
Commercial disappearance (mil. lb.)	1,179.8	1,108.7	1,136.4	87.9	103.1	91.7	96.9	104.8	79.7	--
American cheese										
Production (mil. lb.)	3,280.8	3,285.6	3,325.8	261.3	316.1	318.6	314.6	297.2	303.9	295
Stocks, beginning (mil. lb.)	306.6	379.6	410.3	460.8	403.9	406.0	450.5	495.7	539.1	545
Commercial disappearance (mil. lb.)	3,229.7	3,269.0	3,349.7	281.1	317.4	279.5	274.1	257.6	302.1	--
Other cheese										
Production (mil. lb.)	3,936.7	4,044.9	4,176.1	337.3	375.6	354.4	361.6	375.6	349.1	351.5
Stocks, beginning (mil. lb.)	105.3	107.3	70.0	134.7	139.8	146.1	172.9	181	195.8	205.3
Commercial disappearance (mil. lb.)	4,242.9	4,366.6	4,450.6	363.7	400	354.7	380.6	384.5	387.2	--
Nonfat dry milk										
Production (mil. lb.)	1,061.8	1,271.6	1,135.4	78.8	128.5	133.7	137.2	120.4	98.9	96
Stocks, beginning (mil. lb.)	70.6	71.1	103.3	115.3	107.6	122.7	136.5	163.7	158.3	141.1
Commercial disappearance (mil. lb.)	1,009.5	894.1	867.5	70.4	76.7	71.6	57	56.5	62.2	--
Frozen dessert										
Production (mil. gal.) ⁶	1,240.9	1,290.0	1,325.9	121.8	111.0	117.6	119.8	136.0	133.7	126.5
	Annual			1998				1999		
	1996	1997	1998	I	II	III	IV	I	II	III
Milk production (mil. lb.)	154,006	156,091	157,441	39,164	40,821	38,519	38,937	40,540	41,980	39,800
Milk per cow (lb.)	16,433	16,871	17,192	4,268	4,451	4,210	4,261	4,437	4,587	4,342
No. of milk cows (1,000)	9,372	9,252	9,158	9,176	9,171	9,149	9,137	9,136	9,151	9,166
Milk-feed price ratio	1.60	1.54	1.97	1.73	1.71	2.05	2.46	2.20	1.81	2.12
Returns over concentrate costs (\$/cwt milk)	10.98	9.80	12.15	11.10	10.40	12.25	14.80	13.00	9.90	12.00

-- = Not available. Quarterly values for latest year are preliminary. 1. Manufacturing grade milk. 2. Grade AA Chicago before June 1998. 3. Prices paid f.o.b. Central States production area. 4. Milk equivalent, fat basis. 5. Monthly data ERS estimates. 6. Hard ice cream, ice milk, and hard sherbet.

Information contact: LaVerne Williams (202) 694-5190

Table 15—Wool

	Annual			1998				1999		
	1996	1997	1998	I	II	III	IV	I	II	III
U.S. wool price (¢/lb.) ¹	193	238	162	209	178	142	115	115	116	110
Imported wool price (¢/lb.) ²	196	206	164	192	176	141	141	146	142	133
U.S. mill consumption, scoured										
Apparel wool (1,000 lb.)	129,525	130,386	98,373	29,318	29,577	21,948	17,530	17,767	17,385	--
Carpet wool (1,000 lb.)	12,311	13,576	16,331	3,871	4,052	4,020	4,388	4,538	3,855	--

-- = Not available. 1. Wool price delivered at U.S. mills, clean basis, Graded Territory 64's (20.60-22.04 microns) staple 2-3/4" and up. 2. Wool price, Charleston, SC warehouse, clean basis, Australian 60/62's, type 64A (24 micron). Duty since 1982 has been 10 cents.

Information contact: Mae Dean Johnson (202) 694-5299

Table 16—Meat Animals

	Annual			1998			1999				
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep	
Cattle on feed (7 states, 1000+ head capacity)											
Number on feed (1,000 head) ¹	8,667	8,943	9,455	7,750	8,889	8,573	8,537	8,173	7,879	8,175	
Placed on feed (1,000 head)	19,564	20,765	19,697	2,254	1,433	1,723	1,505	1,565	2,070	2,345	
Marketings (1,000 head)	18,636	19,552	19,126	1,577	1,671	1,686	1,825	1,816	1,732	1,682	
Other disappearance (1,000 head)	652	701	691	51	78	73	44	43	42	55	
Market prices (\$/cwt)											
Slaughter cattle											
Choice steers, 1,100-1,300 lb.											
Texas	65.06	65.99	61.75	57.93	65.34	65.00	66.15	64.51	65.29	66.05	
Neb. direct	65.05	66.32	61.48	58.08	65.19	64.41	63.20	64.05	65.26	65.99	
Boning utility cows, Sioux Falls	30.33	34.27	36.20	33.47	36.80	39.50	40.00	42.50	42.60	38.00	
Feeder steers											
Medium no. 1, Oklahoma City											
600-650 lb.	61.31	81.34	77.70	70.37	82.73	81.08	82.15	84.24	81.85	83.20	
750-800 lb.	61.08	76.19	71.78	66.93	70.50	70.01	76.01	76.94	77.04	77.04	
Slaughter hogs											
Barrows and gilts, 51-52 percent lean											
National Base converted to live equal.	56.53	54.30	34.72	32.00	31.69	38.45	35.39	32.84	38.56	35.71	
Sows, Iowa, S.MN 1-2 300-400 lb.	--	40.24	20.29	15.96	19.49	25.28	24.29	16.22	18.65	19.90	
Slaughter sheep and lambs											
Lambs, Choice, San Angelo	85.27	87.95	74.20	74.75	70.50	82.70	81.06	77.29	81.17	76.71	
Ewes, Good, San Angelo	39.05	49.33	40.90	36.00	46.63	41.36	41.70	48.18	43.50	42.79	
Feeder lambs											
Choice, San Angelo	94.88	104.43	79.59	74.75	81.81	84.71	80.60	77.29	78.83	76.71	
Wholesale meat prices, Midwest											
Boxed beef cut-out value											
Choice, 700-800 lb.	102.01	102.75	98.60	99.28	107.42	111.07	116.01	111.14	114.26	115.13	
Select, 700-800 lb.	95.34	96.15	92.19	87.41	102.11	101.95	104.76	101.45	104.62	102.69	
Canner and cutter cow beef	58.18	64.50	61.49	56.50	63.51	67.52	68.20	70.33	70.15	67.63	
Pork cutout	--	--	53.07	50.72	49.83	57.38	53.69	50.55	61.27	56.67	
Pork loins, bone-in, 1/4 " trim, 14-19 lb.	138.73	128.75	102.04	97.23	99.35	107.44	97.62	105.72	111.55	104.99	
Pork bellies, 12-14 lb.	69.96	73.91	52.38	57.49	49.23	53.76	53.41	47.78	67.29	57.87	
Hams, bone-in, trimmed, 20-23 lb.	--	--	--	47.05	40.06	44.03	43.54	40.79	52.10	53.65	
All fresh beef retail price	252.44	253.77	253.28	250.04	256.97	257.65	256.76	257.96	256.92	258.65	
Commercial slaughter (1,000 head) ²											
Cattle	36,583	36,318	35,471	3,040	2,972	2,997	3,207	3,084	3,154	--	
Steers	17,819	17,529	17,430	1,554	1,480	1,576	1,656	1,576	1,601	--	
Heifers	10,756	11,528	11,450	950	978	922	1,047	922	1,021	--	
Cows	7,274	6,564	5,985	483	460	446	448	446	469	--	
Bull and stags	728	696	606	53	54	53	56	53	61	--	
Calves	1,768	1,575	1,456	125	97	89	105	111	119	--	
Sheep and lambs	4,184	3,911	3,911	276	310	270	270	265	296	--	
Hogs	92,394	91,960	101,208	8,169	8,534	7,438	8,319	7,910	8,406	--	
Barrows and gilts	88,224	88,409	97,026	7,823	8,217	7,154	7,154	7,154	8,054	--	
Commercial production (mil. lb.)											
Beef	25,421	25,384	25,656	2,228	2,155	2,151	2,321	2,256	2,309	--	
Veal	368	324	250	20	18	17	17	17	20	--	
Lamb and mutton	265	257	247	17	21	18	19	19	19	--	
Pork	17,084	17,244	18,981	1,505	1,630	1,418	1,583	1,489	1,565	--	
		Annual			1998			1999			
		1997	1998	1999	II	III	IV	I	II	III	IV
Hogs and pigs (U.S.) ³											
Inventory (1,000 head) ¹	56,124	61,158	62,206	60,163	62,213	63,488	62,206	60,191	60,686	60,736	
Breeding (1,000 head) ¹	6,578	6,957	6,682	6,942	6,958	6,875	6,682	6,527	6,515	6,291	
Market (1,000 head) ¹	49,546	54,200	55,523	53,220	55,254	56,612	55,523	53,663	54,170	54,444	
Farrowings (1,000 head)	11,479	12,038	2,897	3,086	3,054	2,993	2,897	2,990	2,925	2,850	
Pig crop (1,000 head)	99,584	104,980	25,293	26,989	26,634	25,902	25,293	26,301	25,907	--	
Cattle on Feed, 7 states (1,000 head) ⁴											
Steers and Steer Calves	5,410	5,803	5,086	5,245	4,608	5,086	5,086	5,331	5,728	5,276	
Heifers and Heifer Calves	3,455	3,615	3,268	3,325	3,191	3,268	3,268	3,527	3,783	3,479	
Cows and Bulls	78	37	22	37	26	22	22	31	44	28	

-- = Not available. 1. Beginning of period. 2. Classes estimated. 3. Quarters are Dec. of preceding year to Feb. (I), Mar.-May (II), June-Aug. (III), and Sept.-Nov. (IV). 4. Beginning of period. The 7 states include AZ, CA, CO, IA, KS, NE, and TX. Information contact: Leland Southard (202) 694-5187

Crops & Products

Table 17—Supply & Utilization^{1,2}

	Area				Total Production	Total supply ⁴	Feed & residual	Other domestic use	Exports	Total use	Ending stocks	Farm price ⁵
	Set- aside ³	Planted	Harvested	Yield								
	<i>Mil. Acres</i>		<i>Bu./acre</i>									
Wheat												
1995/96	6.1	69.0	61.0	35.8	2,183	2,757	154	986	1,241	2,381	376	4.55
1996/97	--	75.1	62.8	36.3	2,277	2,746	308	993	1,002	2,302	444	4.30
1997/98	--	70.4	62.8	39.5	2,481	3,020	251	1,007	1,040	2,298	722	3.38
1998/99*	--	65.8	59.0	43.2	2,547	3,373	401	984	1,042	2,427	946	2.65
1999/2000	--	63.0	54.3	42.7	2,318	3,369	250	1,007	1,125	2,382	987	2.45-2.65
	<i>Mil. acres</i>		<i>lb./acre</i>		<i>Mil. cwt (rough equiv)</i>							<i>\$/cwt</i>
Rice⁶												
1995/96	0.5	3.1	3.1	5,621.0	173.9	212.8	--	6/ 105.6	82.2	187.8	25.0	9.15
1996/97	--	2.8	2.8	6,120.0	171.6	207.1	--	6/ 102.7	77.2	179.9	27.2	9.96
1997/98	--	3.1	3.1	5,897.0	183.0	219.4	--	6/ 105.2	86.3	191.5	27.9	9.70
1998/99*	--	3.3	3.3	5,669.0	188.1	226.5	--	6/ 120.9	83.6	204.5	22.0	8.83
1999/2000	--	3.6	3.6	5,945.0	212.3	245.0	--	6/ 113.0	82.0	195.0	50.0	5.75-6.25
	<i>Mil. acres</i>		<i>Bu./acre</i>		<i>Mil. bu.</i>							<i>\$/bu.</i>
Corn												
1995/96	7.7	71.5	65.2	113.5	7,400	8,974	4,708	1,612	2,228	8,548	426	3.24
1996/97	--	79.2	72.6	127.1	9,233	9,672	5,299	1,692	1,797	8,789	883	2.71
1997/98	--	79.5	72.7	126.7	9,207	10,099	5,505	1,782	1,504	8,791	1,308	2.43
1998/99*	--	80.2	72.6	134.4	9,761	11,089	5,486	1,822	1,985	9,293	1,796	1.95
1999/2000	--	77.6	70.9	133.5	9,467	11,273	5,500	1,880	1,925	9,305	1,968	1.65-2.05
	<i>Mil. acres</i>		<i>Bu./acre</i>		<i>Mil. bu.</i>							<i>\$/bu.</i>
Sorghum												
1995/96	1.7	9.4	8.3	55.6	459	530	295	19	198	512	18	3.19
1996/97	--	13.1	11.8	67.3	795	814	516	45	205	766	47	2.34
1997/98	--	10.1	9.2	69.2	634	681	365	55	212	632	49	2.21
1998/99*	--	9.6	7.7	67.3	520	569	264	45	195	504	65	1.70
1999/2000	--	9.3	8.5	68.3	580	645	325	55	200	580	65	1.40-1.80
	<i>Mil. acres</i>		<i>Bu./acre</i>		<i>Mil. bu.</i>							<i>\$/bu.</i>
Barley												
1995/96	2.9	6.7	6.3	57.2	359	513	179	172	62	413	100	2.89
1996/97	--	7.1	6.7	58.5	392	529	217	172	31	419	109	2.74
1997/98	--	6.7	6.2	58.1	360	510	144	172	74	390	119	2.38
1998/99*	--	6.3	5.9	60.0	352	501	161	170	28	360	142	1.98
1999/2000	--	5.2	4.8	59.5	284	461	125	172	30	327	134	1.80-2.20
	<i>Mil. acres</i>		<i>Bu./acre</i>		<i>Mil. bu.</i>							<i>\$/bu.</i>
Oats												
1995/96	0.8	6.2	3.0	54.6	161	342	182	92	2	276	66	1.67
1996/97	--	4.6	2.7	57.7	153	317	153	95	3	250	67	1.96
1997/98	--	5.1	2.8	59.5	167	332	161	95	2	258	74	1.60
1998/99*	--	4.9	2.8	60.2	166	348	170	95	2	266	81	1.10
1999/2000	--	4.7	2.5	60.0	148	329	165	96	2	263	66	1.00-1.10
	<i>Mil. acres</i>		<i>Bu./acre</i>		<i>Mil. bu.</i>							<i>\$/bu.</i>
Soybeans⁷												
1995/96	--	62.6	61.6	35.3	2,177	2,516	112	1,370	851	2,333	183	6.72
1996/97	--	64.2	63.3	37.6	2,380	2,573	123	1,436	882	2,441	132	7.35
1997/98	--	70.0	69.1	38.9	2,689	2,826	158	1,597	870	2,626	200	6.47
1998/99*	--	72.4	70.8	38.9	2,757	2,961	201	1,590	805	2,596	365	5.00
1999/2000	--	74.1	72.8	37.0	2,696	3,049	154	1,630	880	2,664	385	4.75-5.25
					<i>Mil. lbs.</i>							<i>¢/lb.</i>
Soybean oil												
1995/96	--	--	--	--	15,240	16,472	--	13,465	992	14,457	2,015	24.75
1996/97	--	--	--	--	15,752	17,821	--	14,263	2,037	16,300	1,520	22.50
1997/98	--	--	--	--	18,143	19,724	--	15,264	3,077	18,341	1,382	25.84
1998/99*	--	--	--	--	18,105	19,565	--	15,550	2,425	17,975	1,590	19.90
1999/2000	--	--	--	--	18,340	19,995	--	15,900	2,000	17,900	2,095	16.75-19.25
					<i>1,000 tons</i>							<i>\$/ton⁸</i>
Soybean meal												
1995/96	--	--	--	--	32,527	32,826	--	26,611	6,002	32,613	212	236.0
1996/97	--	--	--	--	34,210	34,524	--	27,320	6,994	34,314	210	270.9
1997/98	--	--	--	--	38,171	38,437	--	28,889	9,330	38,219	218	185.5
1998/99*	--	--	--	--	37,852	38,170	--	30,620	7,300	37,920	250	138.3
1999/2000	--	--	--	--	38,700	39,000	--	31,000	7,750	38,750	250	145-170

See footnotes at end of table, next page

Table 17—Supply & Utilization (continued)

	Area			Yield	Production	Total supply ⁴	Feed & residual	Other domestic use	Exports	Total use	Ending stocks	Farm price ⁵	
	Set-aside ³	Planted	Harvested										
	<i>Mil. Acres</i>		<i>Lb./acre</i>										
												<i>Mil. Bales</i>	<i>c/lb.</i>
Cotton ⁹													
1995/96	1.7	16.9	16.0	537	17.9	21.0	--	10.6	7.7	18.3	2.6	75.4	
1996/97	0.3	14.7	12.9	705	18.9	22.0	--	11.1	6.9	18.0	4.0	69.3	
1997/98	--	13.9	13.4	673	18.8	22.8	--	11.3	7.5	18.8	3.9	65.2	
1998/99*	--	13.4	10.7	625	13.9	18.2	--	10.4	4.3	14.7	3.9	60.6	
1999/2000 ¹	--	14.6	13.4	588	16.4	20.4	--	10.2	5.5	15.7	4.7	--	

-- = Not available or not applicable. *October 8, 1999 Supply and Demand Estimates. 1. Marketing year beginning June 1 for wheat, barley, and oats; August 1 for cotton and rice; September 1 for soybeans, corn, and sorghum; October 1 for soybean and soyoil. 2. Conversion factors: Hectare (ha.) = 2.471 acres, 1 metric ton = 2,204.622 pounds, 36.7437 bushels of wheat or soybeans, 39.3679 bushels of corn or sorghum, 45.9296 bushels of barley, 68.8944 bushels of oats, 22.046 cwt of rice, and 4.59 480-pound bales of cotton. 3. Includes diversion, acreage reduction, 50-92, & 0-92 programs. 0/92 & 50/92 set-aside includes idled acreage and acreage planted to minor oilseeds, sesame, and cramble. 4. Includes imports. 5. Marketing-year weighted average price received by farmers. Does not include an allowance for loans outstanding and government purchases. 6. Residual included in domestic use. 7. Includes seed. 8. Simple average of 48 percent protein, Decatur. 9. Upland and extra-long staple. Stocks estimates based on Census Bureau data, resulting in an unaccounted difference between supply and use estimates and changes in ending stocks. *Information contacts: Wheat, rice, feed grains, Jenny Gonzales (202) 694-5296; soybeans, soybean products, and cotton, Mae Dean Johnson (202) 694-5299*

Table 18—Cash Prices, Selected U.S. Commodities

	Marketing year ¹			1998		1999					
	1996/97	1997/98	1998/99	Aug	Mar	Apr	May	Jun	Jul	Aug	
Wheat, no. 1 HRW,											
Kansas City (\$/bu.) ²	4.88	3.71	3.08	2.74	3.02	2.94	2.89	2.93	2.68	2.85	
Wheat, DNS,											
Minneapolis (\$/bu.) ³	4.96	4.31	3.83	3.58	3.79	3.65	3.61	3.73	3.68	3.58	
Rice, S.W. La. (\$/cwt) ⁴	20.34	18.92	16.79	18.35	16.52	16.13	15.56	15.13	14.91	14.68	
Corn, no. 2 yellow, 30-day,											
Chicago (\$/bu.) ⁵	2.84	2.56	2.06	1.97	2.20	2.13	2.16	2.11	1.78	1.84	
Sorghum, no. 2 yellow,											
Kansas City (\$/cwt) ⁵	4.54	4.11	3.29	3.27	3.48	3.37	3.35	3.32	2.92	3.24	
Barley, feed,											
Duluth (\$/bu.)	2.32	1.90	--	--	--	--	--	--	--	--	
Barley, malting											
Minneapolis (\$/bu.)	3.18	2.50	--	--	--	--	--	--	--	--	
U.S. cotton price, SLM,											
1-1/16 in. (c/lb.) ⁶	71.60	67.79	--	71.87	58.17	57.01	55.54	53.74	49.23	49.72	
Northern Europe prices											
cotton index (c/lb.) ⁷	78.66	72.11	--	68.13	56.74	57.86	59.85	58.68	54.56	50.98	
U.S. M 1-3/32 in. (c/lb.) ⁸	82.86	77.98	--	76.94	--	--	--	--	--	58.63	
Soybeans, no. 1 yellow, 30-day											
Chicago (\$/bu)	7.38	6.51	--	5.31	4.69	4.70	4.59	4.45	4.11	4.45	
Soybean oil, crude,											
Decatur (c/lb.)	22.50	25.84	19.90	23.99	19.54	19.54	17.85	16.50	15.29	16.50	
Soybean meal, 48% protein,											
Decatur (\$/ton)	270.90	185.54	138.50	146.25	133.00	134.50	133.20	139.10	132.73	141.69	

-- = No quotes. 1. Beginning June 1 for wheat and barley; Aug. 1 for rice and cotton; September 1 for corn, sorghum, and soybeans; October 1 for soybean and soyoil. 2. Ordinary protein. 3. 14 percent protein. 4. Long grain, milled basis. 5. Marketing year 1997/98 data are preliminary. 6. Average spot market. 7. Liverpool Cotlook "A" Index; average of 5 lowest prices of 13 selected growths. 8. Cotton, Memphis territory growths. *Information contacts: Wheat, rice, and feed, Jenny Gonzales (202) 694-5296; soybeans, soybean products, and cotton, Mae Dean Johnson (202) 694-5299*

Table 19—Farm Programs, Price Supports, Participation, & Payment Rates

	Target price	Basic loan rate	Findley or announced loan rate ¹	Total deficiency payment rate	Effective base acres ²	Program ³	Flexibility contract payment rate	Acres under contract	Contract payment yields	Participation rate ⁴
		\$/bu.			Mil. acres	Percent of base	\$/bu.	Mil. acres	Bu./cwt	Percent
Wheat										
1995/96	4.00	2.69	2.58	0.00	77.70	0/0/0	--	--	--	85
1996/97	--	--	2.58	--	--	--	0.87	76.70	34.70	99
1997/98	--	--	2.58	--	--	--	0.631	76.7	34.70	--
1998/99	--	--	2.58	--	--	--	0.663	78.9	34.50	--
1999/2000 ⁵	--	--	2.58	--	--	--	0.637	79.0	34.50	--
		\$/cwt					\$/cwt			
Rice										
1995/96	10.71	6.50	6.50 ⁶	3.22 #	4.20	5/0/0	--	--	--	95
1996/97	--	6.50	--	--	--	--	2.77	4.20	48.27	99
1997/98	--	6.50	--	--	--	--	2.710	4.2	48.17	--
1998/99	--	6.50	--	--	--	--	2.921	4.2	48.17	--
1999/2000 ⁵	--	6.50	--	--	--	--	2.820	4.2	48.15	--
		\$/bu.					\$/bu.			
Corn										
1995/96	2.75	1.94	1.89	0.00	81.80	7.5/0/0	--	--	--	82
1996/97	--	--	1.89	--	--	--	0.25	80.70	102.90	98
1997/98	--	--	1.89	--	--	--	0.486	80.9	102.80	--
1998/99	--	--	1.89	--	--	--	0.377	82.0	102.60	--
1999/2000 ⁵	--	--	1.89	--	--	--	0.363	81.9	102.60	--
		\$/bu.					\$/bu.			
Sorghum										
1995/96	2.61	1.84	1.80	0.00	13.30	0/0/0	--	--	--	77
1996/97	--	--	1.81	--	--	--	0.32	13.10	57.30	99
1997/98	--	--	1.76	--	--	--	0.544	13.1	57.30	--
1998/99	--	--	1.74	--	--	--	0.452	13.6	56.90	--
1999/2000 ⁵	--	--	1.74	--	--	--	0.435	13.7	56.90	--
		\$/bu.					\$/bu.			
Barley										
1995/96	2.36	1.58	1.54	0.00	10.70	0/0/0	--	--	--	82
1996/97	--	--	1.55	--	--	--	0.33	10.50	47.30	99
1997/98	--	--	1.57	--	--	--	0.277	10.5	47.20	--
1998/99	--	--	1.56	--	--	--	0.284	11.2	46.70	--
1999/2000 ⁵	--	--	1.59	--	--	--	0.271	11.2	46.60	--
		\$/bu.					\$/bu.			
Oats										
1995/96	1.45	1.00	0.97	0.00	6.50	0/0/0	--	--	--	44
1996/97	--	--	1.03	--	--	--	0.03	6.20	50.80	97
1997/98	--	--	1.11	--	--	--	0.031	6.2	50.80	--
1998/99	--	--	1.11	--	--	--	0.031	6.5	50.70	--
1999/2000 ⁵	--	--	1.13	--	--	--	0.030	6.5	50.60	--
		\$/bu.					\$/bu.			
Soybeans⁸										
1995/96	--	--	4.92	--	--	--	--	--	--	--
1996/97	--	--	4.97	--	--	--	--	--	--	--
1997/98	--	--	5.26	--	--	--	--	--	--	--
1998/99	--	--	5.26	--	--	--	--	--	--	--
1999/2000	--	--	5.26	--	--	--	--	--	--	--
		¢/lb.					¢/lb.			
Upland cotton										
1995/96	72.90	51.92	51.92 ⁹	0.00 #	15.50	0/0/0	--	--	--	79
1996/97	--	51.92	--	--	--	--	8.88	16.20	610.00	99
1997/98	--	51.92	--	--	--	--	7.625	16.2	608.00	--
1998/99	--	51.92	--	--	--	--	8.173	16.4	604.00	--
1999/2000 ⁵	--	51.92	--	--	--	--	7.880	16.4	604.00	--

-- = Not available. 1. There are no Findley loan rates for rice or cotton. See footnotes 5 and 7. 2. Prior to 1996, national effective crop acreage base as determined by FSA. Net of CRP. 3. Program requirements for participating producers (mandatory acreage reduction program/mandatory paid land diversion/optional paid land diversion). Acres idled must be devoted to a conserving use to receive program benefits. 4. Percentage of effective base enrolled in acreage reduction programs. Starting in 1996, participation rate is the percent of eligible acres that entered production flexibility contracts. 5. Estimated payment rates and acres under contract. 6. A marketing loan program has been in effect for rice since 1985/86. Loans may be repaid at the lower of: a) the loan rate or b) the adjusted world market price (announced weekly). Loans cannot be repaid at less than a specified fraction of the loan rate. Data refer to marketing-year average loan repayment rates. Beginning with the 1996 crop, loans are repaid at the lower of the loan rate plus accumulated interest or the adjusted world price. 7. Guaranteed payment rates for producers in the 50/85/92 program were \$0.034/lb. for upland cotton and \$4.21/cwt. for rice. 8. There are no target prices, base acres, acreage reduction programs or deficiency payment rates for soybeans. 9. A marketing loan program has been in effect for cotton since 1986/87. In 1987/88 and after, loans may be repaid at the lower of: a) the loan rate or b) the adjusted world market price (announced weekly; Plan B). Starting in 1991/92, loans cannot be repaid at less than 70 percent of the loan rate. Data refer to annual average loan repayment rates. Beginning with the 1996 crop, loans are repaid at the lower of the loan rate plus accumulated interest or the adjusted world price. Note: The 1996 Farm Act replaced target prices and deficiency payments with fixed annual payments to producers. Information contact: Brenda Chewning, Farm Service Agency (202) 720-8838

Table 20—Fruit

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Citrus¹										
Production (1,000 tons)	13,186	10,860	11,285	12,452	15,274	14,561	15,799	15,712	17,234	18,009
Per capita consumpt. (lb.) ²	23.6	21.4	19.1	24.4	26.0	25.0	24.1	25.0	26.8	--
Noncitrus³										
Production (1,000 tons)	16,345	15,640	15,740	17,124	16,563	17,341	16,358	16,103	18,382	16,035
Per capita consumpt. (lb.) ²	72.8	70.4	70.6	73.8	73.9	75.6	73.7	74.0	76.0	--
	1998					1999				
	Sep	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Grower prices										
Apples (¢/pound) ⁴	22.6	15.8	15.0	15.3	14.1	13.3	12.7	12.4	18.4	23.2
Pears (¢/pound) ⁴	18.60	18.65	18.10	16.55	16.85	17.00	17.80	23.45	17.05	19.40
Oranges (\$/box) ⁵	4.97	5.15	5.60	6.02	5.82	6.46	8.78	10.10	11.48	7.98
Grapefruit (\$/box) ⁵	11.09	1.80	1.60	1.67	2.23	3.66	8.78	10.67	7.45	8.18
Stocks, ending										
Fresh apples (mil. lb.)	3,457	4,169	3,407	2,607	1,858	1,252	732	361	103	2,828.8
Fresh pears (mil. lb.)	534	237	177	120	69	39	10	12	130	551.6
Frozen fruits (mil. lb.)	1,050	1,103	1,022	911	789	801	877	1,101	1,183	1,153.3
Frozen conc.orange juice (mil. single-strength gallons)	736	825	907	894	1,035	878	817	744	661	599.2

-- = Not available. 1. Year shown is when harvest concluded. 2. Fresh per capita consumption. 3. Calendar year. 4. Fresh use. 5. U.S. equivalent on-tree returns. *Information contact: Susan Pollack (202) 694-5251*

Table 21—Vegetables

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Production¹										
Total vegetables (1,000 cwt)	543,435	562,938	565,754	689,070	688,824	782,505	747,988	762,952	760,951	732,259
Fresh (1,000 cwt) ^{2,4}	254,418	254,039	242,733	389,597	387,330	412,880	393,398	409,317	433,878	419,779
Processed (tons) ^{3,4}	14,450,860	15,444,970	16,151,030	14,973,630	15,074,707	18,481,238	17,729,497	17,681,732	16,353,639	15,624,011
Mushrooms (1,000 lbs) ⁵	714,992	749,151	746,832	776,357	750,799	782,340	777,870	776,677	808,678	--
Potatoes (1,000 cwt)	370,444	402,110	417,622	425,367	428,693	467,054	443,606	499,254	467,091	477,754
Sweet potatoes (1,000 cwt)	11,358	12,594	11,203	12,005	11,027	13,380	12,821	13,216	13,327	12,382
Dry edible beans (1,000 cwt)	23,729	32,379	33,765	22,615	21,862	28,950	30,689	27,912	29,370	30,828
	1998					1999				
	Sep	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Shipments (1,000 cwt)										
Fresh	16,763	19,681	19,644	26,297	25,769	29,042	36,831	21,355	17,816	20,143
Iceberg lettuce	3,497	3,068	2,854	3,721	3,018	3,594	4,370	3,287	3,079	3,952
Tomatoes, all	2,721	3,496	3,373	4,588	3,874	3,596	4,053	2,766	2,478	3,599
Dry-bulb onions	3,423	2,896	2,845	3,825	3,630	3,626	3,759	3,029	3,124	4,461
Others ⁶	7,122	10,221	10,572	14,163	15,247	18,226	24,649	12,273	9,135	8,131
Potatoes, all	11,739	12,819	11,691	18,522	17,737	16,160	13,579	9,825	9,217	12,148
Sweet potatoes	263	263	227	462	208	184	196	155	172	321

lettuce, honeydews, onions, & tomatoes through 1991. 3. Includes processing production of snap beans, sweet corn, green peas, tomatoes, cucumbers (for pickles), asparagus, broccoli, carrots, and cauliflower. 4. Data after 1991 not comparable to previous years because commodity estimates reinstated in 1992 are included. 5. Fresh and processing agaricus mushrooms only. Excludes specialty varieties. Crop year July 1- June 30. 6. Includes snap beans, broccoli, cabbage, cauliflower, celery, sweet corn, cucumbers, eggplant, bell peppers, honeydews, and watermelons. *Information contact: Gary Lucier (202) 694-5253*

Table 22—Other Commodities

	Annual			1997		1998				1999	
	1996	1997	1998	IV	I	II	III	IV	I	II	
Sugar											
Production ¹	7,268	7,418	7,891	4,088	2,376	824	733	3,959	2,636	1,031	
Deliveries ¹	9,633	9,755	9,851	2,469	2,261	2,465	2,616	2,508	2,271	2,594	
Stocks, ending ¹	3,195	3,377	3,423	3,377	3,917	2,881	1,679	3,423	4,219	3,184	
Coffee											
Composite green price ² N.Y. (¢/lb.)	109.35	146.49	114.43	134.89	143.58	117.73	98.57	97.83	94.37	90.41	
	Annual			1998		1999					
	1996	1997	1998	Oct	May	Jun	Jul	Aug	Sep	Oct	
Tobacco											
Avg. price to grower ³											
Flue-cured (\$/lb.)	1.83	1.73	1.75	1.87	--	--	--	--	1.50	1.65	
Burley (\$/lb.)	1.92	1.86	1.91	--	--	--	--	--	--	--	
Domestic taxable removals											
Cigarettes (bil.)	486.0	471.4	--	40.5	--	--	--	--	--	--	
Large cigars (mil.) ⁴	3,166.4	3,552.9	--	316.7	--	--	--	--	--	--	

-- = Not available. 1. 1,000 short tons, raw value. Quarterly data shown at end of each quarter. 2. Net imports of green and processed coffee. 3. Crop year July-June for flue-cured, October-September for burley. 4. Includes imports of large cigars. *Information contacts: sugar and coffee, Fannye Jolly (202) 694-5249; tobacco, Tom Capehart (202) 694-5245*

World Agriculture

Table 23—World Supply & Utilization of Major Crops, Livestock & Products

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99 F	1999/2000 F
Wheat										
Area (hectares)	231.4	222.5	222.9	222.0	214.5	219.2	230.3	227.9	224.5	217.7
Production (metric tons)	588.0	542.9	562.4	558.8	524.0	538.5	582.8	609.3	587.9	577.7
Exports (metric tons) ¹	101.1	111.2	113.0	101.5	100.8	98.8	101.5	100.9	100.2	101.2
Consumption (metric tons) ²	561.9	555.5	550.3	561.7	547.3	550.1	575.6	584.0	590.9	585.8
Ending stocks (metric tons) ³	145.0	132.5	144.5	141.6	118.3	106.7	113.8	139.2	136.2	128.1
Coarse grains										
Area (hectares)	316.4	321.9	323.5	316.8	322.3	313.3	321.9	311.0	308.4	303.1
Production (metric tons)	828.8	810.4	871.5	798.8	871.2	802.9	908.3	882.9	889.6	870.0
Exports (metric tons) ¹	88.8	95.6	92.2	85.0	97.5	87.1	94.4	85.7	95.7	93.2
Consumption (metric tons) ²	817.2	809.8	843.6	838.5	857.4	842.4	877.4	875.4	872.0	871.7
Ending stocks (metric tons) ³	134.8	135.4	163.2	123.5	137.4	97.9	128.7	136.2	153.8	152.1
Rice, milled										
Area (hectares)	146.6	147.4	180.4	144.9	147.4	148.1	149.8	151.2	152.2	153.8
Production (metric tons)	352.1	354.7	355.7	355.4	364.5	371.4	380.4	386.2	387.5	393.5
Exports (metric tons) ¹	12.2	14.3	14.9	16.3	20.9	19.7	18.8	27.4	23.3	23.2
Consumption (metric tons) ²	347.4	356.7	357.7	358.1	366.6	371.4	379.6	383.6	389.2	394.6
Ending stocks (metric tons) ³	59.1	57.1	55.1	52.4	50.4	50.4	51.2	53.7	52.0	51.0
Total grains										
Area (hectares)	694.4	691.8	726.8	683.7	684.2	680.6	702.0	690.1	685.1	674.6
Production (metric tons)	1,768.9	1,708.0	1,789.6	1,713.0	1,759.7	1,712.8	1,871.5	1,878.4	1,865.0	1,841.2
Exports (metric tons) ¹	202.1	221.1	220.1	202.8	219.2	205.6	214.7	214.0	219.2	217.6
Consumption (metric tons) ²	1,726.5	1,722.0	1,751.6	1,758.3	1,771.3	1,763.9	1,832.6	1,843.0	1,852.1	1,852.1
Ending stocks (metric tons) ³	338.9	325.0	362.8	317.5	306.1	255.0	293.7	329.1	342.0	331.2
Oilseeds										
Crush (metric tons)	176.7	185.1	184.4	190.1	208.1	217.4	219.1	227.4	237.0	245.2
Production (metric tons)	215.7	224.3	227.5	229.4	261.9	258.4	262.0	286.7	293.0	295.5
Exports (metric tons)	33.4	37.6	38.2	38.7	44.1	44.4	49.5	53.8	55.3	56.3
Ending stocks (metric tons)	23.4	21.9	23.6	20.3	27.2	22.2	17.1	24.6	28.1	27.1
Meals										
Production (metric tons)	119.3	125.2	125.2	131.7	142.1	147.2	149.6	155.1	162.5	167.6
Exports (metric tons)	40.7	42.2	40.8	44.9	46.7	49.7	50.7	52.3	54.8	56.2
Oils										
Production (metric tons)	58.1	60.6	61.1	63.7	69.6	73.0	75.9	76.3	81.0	85.2
Exports (metric tons)	20.5	21.3	21.3	24.3	27.1	26.0	29.0	29.9	30.9	32.2
Cotton										
Area (hectares)	33.2	34.8	32.6	30.6	32.2	35.9	33.8	33.8	32.9	32.9
Production (bales)	87.1	95.7	82.5	77.1	85.9	93.0	89.6	91.7	84.5	86.0
Exports (bales)	29.6	28.5	25.5	26.8	28.4	27.8	26.8	26.6	23.4	25.2
Consumption (bales)	85.5	85.7	85.5	85.3	85.5	86.9	89.1	88.5	84.9	87.1
Ending stocks (bales)	27.8	37.6	35.4	27.6	29.9	35.7	38.2	40.8	41.8	40.9
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Red meat⁴										
Production (metric tons)	111.9	117.3	117.3	119.3	124.6	130.2	125.0	128.5	132.9	133.8
Consumption (metric tons)	118.3	115.7	115.7	118.3	123.6	128.8	122.5	126.1	130.2	131.6
Exports (metric tons) ¹	6.5	7.4	7.4	7.4	8.1	8.2	8.5	9.0	8.8	8.9
Poultry⁴										
Production (metric tons)	39.6	38.0	38.0	40.5	43.2	46.7	49.5	51.8	53.1	55.2
Consumption (metric tons)	38.4	37.0	37.0	39.4	42.0	45.3	47.7	49.9	51.1	53.0
Exports (metric tons) ¹	2.8	2.4	2.4	2.8	3.6	4.6	5.2	5.7	5.7	5.5
Dairy										
Milk production (metric tons) ⁵	377.6	378.4	378.4	377.6	378.4	380.8	379.9	381.5	384.9	387.5

-- = Not available. F = forecast. 1. Excludes intra-EU trade but includes intra-FSU trade. 2. Where stocks data are not available, consumption includes stock changes. 3. Stocks data are based on differing marketing years and do not represent levels at a given date. Data not available for all countries.

4. Calendar year data. 1990 data correspond with 1989/90, etc. 5. Data prior to 1989 no longer comparable.

Information contacts: *Crops*, Ed Allen (202) 694-5288; *red meat and poultry*, Leland Southard (202) 694-5187; *dairy*, LaVerne Williams (202) 694-5190

U.S. Agricultural Trade

Table 24—Prices of Principal U.S. Agricultural Trade Products

	Annual			1998		1999				
	1996	1997	1998	Sep	Apr	May	Jun	Jul	Aug	Sep
Export commodities										
Wheat, f.o.b. vessel, Gulf ports (\$/bu.)	5.63	4.35	3.44	2.94	3.10	3.05	3.01	2.75	2.99	3.08
Corn, f.o.b. vessel, Gulf ports (\$/bu.)	4.17	2.98	2.59	2.19	2.38	2.36	2.36	2.12	2.20	2.21
Grain sorghum, f.o.b. vessel, Gulf ports (\$/bu.)	3.90	2.89	2.54	2.16	2.28	2.23	2.22	1.94	2.12	2.02
Soybeans, f.o.b. vessel, Gulf ports (\$/bu.)	7.88	7.94	6.37	5.62	5.00	4.88	4.87	4.61	5.00	5.18
Soybean oil, Decatur (¢/lb.)	23.75	23.33	25.78	25.14	18.78	17.85	16.50	15.29	16.50	16.79
Soybean meal, Decatur, (\$/ton)	246.67	266.70	162.74	135.83	134.50	133.20	139.07	132.73	141.69	150.64
Cotton, 7-market avg. spot (¢/lb.)	77.93	69.62	67.04	71.77	57.01	55.55	53.74	49.23	49.72	48.39
Tobacco, avg. price at auction (¢/lb.)	183.20	182.74	179.77	179.06	150.54	--	--	149.96	163.99	172.04
Rice, f.o.b., mill, Houston (\$/cwt)	19.64	20.88	18.95	18.75	17.75	17.31	17.05	17.00	16.48	16.00
Inedible tallow, Chicago (¢/lb.)	20.13	20.75	17.67	16.22	11.38	10.40	11.49	11.50	11.69	14.38
Import commodities										
Coffee, N.Y. spot (\$/lb.)	1.29	2.05	1.39	1.13	1.01	1.14	1.09	0.97	0.93	0.86
Rubber, N.Y. spot (¢/lb.)	72.88	55.40	40.57	38.66	34.98	35.75	34.64	33.60	33.63	34.32
Cocoa beans, N.Y. (\$/lb.)	0.62	0.69	0.72	0.72	0.48	0.43	0.48	0.46	0.43	0.43

Information contact: Jenny Gonzales (202) 694-5296, Mae Dean Johnson (202) 694-5299, Mary Teymourian (202) 694-5173 for coffee, rubber, cocoa beans, and tobacco.

Table 25—Trade Balance

	Fiscal Year			1998		1999				
	1998	1999 F	2000 P	Aug	Mar	Apr	May	Jun	Jul	Aug
<i>\$ million</i>										
Exports										
Agricultural	53,730	49,000	50,000	3,704	4,082	3,850	3,649	3,806	3,718	3,949
Nonagricultural	584,077	--	--	45,692	52,091	49,339	48,401	49,665	45,341	49,348
Total ¹	637,807	--	--	49,396	56,173	53,189	52,050	53,471	49,059	53,297
Imports										
Agricultural	37,007	37,500	38,000	2,857	3,458	3,380	3,225	3,285	2,899	2,990
Nonagricultural	859,737	--	--	72,688	79,776	76,473	76,927	84,204	83,429	85,723
Total ²	896,744	--	--	75,545	83,234	79,853	80,152	87,489	86,328	88,713
Trade Balance										
Agricultural	16,723	11,500	12,000	847	624	470	424	521	819	959
Nonagricultural	-275,660	--	--	-26,996	-27,685	-27,134	-28,526	-34,539	-38,088	-36,375
Total	-258,937	--	--	-26,149	-27,061	-26,664	-28,102	-34,018	-37,269	-35,416

F = Forecast. P = Projected. -- = Not available. Fiscal year (Oct. 1-Sep. 30). 1. Domestic exports including Department of Defense shipments (F.A.S Value). 2. Imports for consumption (customs value). Information contact: Mary Fant (202) 694-5272

Table 26—Indexes of Real Trade-Weighted Dollar Exchange Rates¹

	Annual			1998			1999			
	1996	1997	1998	Jul	Feb	Mar	Apr	May	Jun	Jul
	<i>1990=100</i>									
Total U.S. trade	100.8	111.9	115.1	118.1	109.4	109.4	109.1	108.9	108.4	108.1
Agricultural trade										
U.S. markets	101.0	109.6	115.5	117.5	110.9	111.7	111.1	111.0	110.6	110.4
U.S. competitors	98.7	109.1	113.9	117.1	111.7	111.1	110.4	109.7	109.4	109.1
High-value products										
U.S. markets	100.4	108.2	111.9	114.6	108.3	109.5	108.6	108.3	108.2	108.2
U.S. competitors	100.1	110.9	114.6	117.2	110.8	110.0	109.5	108.9	108.7	108.3
Corn										
U.S. markets	96.4	107.1	113.3	117.8	106.5	108.3	108.2	108.8	108.1	107.8
U.S. competitors	90.1	97.4	100.2	102.1	97.4	97.1	97.8	98.1	97.3	97.2
Soybeans										
U.S. markets	96.0	107.9	113.9	117.2	105.9	106.0	105.4	105.3	104.5	103.8
U.S. competitors	80.8	82.2	84.9	86.3	105.8	105.4	101.3	101.2	103.6	105.0
Wheat										
U.S. markets	100.7	105.4	112.2	112.7	112.6	114.0	115.5	116.7	117.6	119.1
U.S. competitors	102.1	109.8	116.0	119.7	115.8	116.0	115.0	113.7	113.7	114.0
Vegetables										
U.S. markets	105.6	112.4	117.8	120.0	115.8	116.9	115.6	114.7	114.8	115.3
U.S. competitors	100.5	112.0	114.1	116.0	107.9	106.9	106.9	106.5	105.9	105.4
Red meats										
U.S. markets	93.3	100.4	109.0	113.7	101.5	103.2	102.5	103.1	102.8	102.5
U.S. competitors	98.0	107.9	112.8	116.2	111.1	111.0	110.7	110.0	110.3	110.1
Fruits & fruit juices										
U.S. markets	101.3	111.3	114.1	117.1	110.9	112.2	111.4	111.1	111.0	111.3
U.S. competitors	98.2	107.2	111.7	114.3	111.7	111.1	110.0	109.6	109.7	109.6
Cotton										
U.S. markets	95.5	105.7	123.8	128.0	114.0	115.6	115.3	114.8	113.1	112.9
U.S. competitors	101.6	103.0	106.8	108.8	107.2	108.1	109.4	109.0	110.1	111.0
Poultry										
U.S. markets	102.8	111.9	109.2	106.5	117.0	117.6	117.7	116.7	116.3	115.6
U.S. competitors	95.7	107.3	109.9	111.8	110.8	110.0	108.9	108.4	108.5	108.4

1. Real indexes adjust nominal exchange rates to avoid the distortion caused by different levels of inflation among countries. A higher value means the dollar has appreciated. The "total U.S. trade" index uses the Federal Reserve Board index of trade-weighted value of the U.S. dollar against 10 major countries. Weights are based on relative importance of major U.S. customers and competitors in world markets. Indexes are subject to revision for up to one year due to delayed reporting by some countries. High-value products conform to FAS's definition for consumer-oriented agricultural products. Data are available at <http://mann77.mannlib.cornell.edu/data-sets/international/88021/>. Information contact: Andy Jerardo (202) 694-5323

Note: The indices have recently been revised to reflect a rebasing of the Russian ruble and to correct errors in the CPI data for Hong Kong and Taiwan. The complete corrected series is online at the Mann Library URL.

Table 27—U.S. Agricultural Exports & Imports

	Fiscal Year			Aug		Fiscal Year			Aug	
	1998	1999 F	2000 P	1998	1999	1998	1999 F	2000 P	1998	1999
	1,000 units					\$ million				
EXPORTS										
Animals, live	--	--	--	--	--	538	--	--	42	38
Meats and preps., excl. poultry (mt) ¹	2,064	1,600	1,700	163	185	4,507	4,100	4,400	348	403
Dairy products	--	--	--	--	--	925	800	900	63	73
Poultry meats (mt)	2,663	2,400	2,400	221	214	2,347	1,700	1,800	191	156
Fats, oils, and greases (mt)	1,365	1,400	1,400	142	99	655	--	--	63	37
Hides and skins, incl. furskins	--	--	--	--	--	1,358	1,100	1,100	96	99
Cattle hides, whole (no.)	18,992	--	--	1,556	1,674	969	--	--	74	80
Mink pelts (no.)	2,990	--	--	85	216	83	--	--	3	5
Grains and feeds (mt) ²	87,289	--	--	7,853	9,329	13,961	14,400	14,400	1,119	1,196
Wheat (mt) ³	25,791	28,500	31,000	2,630	2,898	3,759	3,800	4,200	335	355
Wheat flour (mt)	465	900	800	40	72	117	--	--	10	12
Rice (mt)	3,310	3,200	3,300	216	168	1,132	1,000	1,000	72	56
Feed grains, incl. products (mt) ⁴	44,564	55,300	54,400	3,838	5,195	5,187	5,500	5,200	398	489
Feeds and fodders (mt)	11,704	11,800	11,900	970	867	2,421	2,300	2,300	184	170
Other grain products (mt)	1,455	--	--	160	129	1,345	--	--	120	113
Fruits, nuts, and preps. (mt)	3,633	--	--	277	268	3,977	4,400	4,800	330	305
Fruit juices, incl.										
froz. (1,000 hectoliters)	10,658	--	--	826	1,152	653	--	--	54	68
Vegetables and preps.	--	--	--	--	--	4,168	2,900	2,700	300	319
Tobacco, unmanufactured (mt)	208	200	200	13	8	1,448	1,400	1,400	97	64
Cotton, excl. linters (mt) ⁵	1,552	900	1,300	88	55	2,517	1,400	1,700	136	74
Seeds (mt)	816	--	--	18	41	827	800	900	38	39
Sugar, cane or beat (mt)	123	--	--	7	11	48	--	--	3	4
Oilseeds and products (mt)	36,074	32,300	36,700	1,337	2,122	10,984	8,200	8,300	450	671
Oilseeds (mt)	--	--	--	--	--	6,818	--	--	215	499
Soybeans (mt)	23,394	21,700	24,900	723	1,503	6,117	4,500	4,700	171	285
Protein meal (mt)	8,666	--	--	325	383	1,975	--	--	63	61
Vegetable oils (mt)	3,049	--	--	239	164	2,191	--	--	172	111
Essential oils (mt)	46	--	--	3	4	533	--	--	44	43
Other	--	--	--	--	--	4,284	--	--	330	358
Total	--	--	--	--	--	53,730	49,000	50,000	3,704	3,949
IMPORTS										
Animals, live	--	--	--	--	--	1,670	1,500	1,500	134	113
Meats and preps., excl. poultry (mt)	1,230	1,300	1,300	109	121	2,718	3,000	3,100	234	274
Beef and veal (mt)	857	--	--	75	84	1,761	--	--	153	189
Pork (mt)	271	--	--	25	29	686	--	--	61	64
Dairy products	--	--	--	--	--	1,368	1,600	1,500	130	132
Poultry and products	--	--	--	--	--	207	--	--	18	18
Fats, oils, and greases (mt)	80	--	--	7	12	59	--	--	5	8
Hides and skins, incl. furskins (mt)	--	--	--	--	--	184	--	--	9	9
Wool, unmanufactured (mt)	45	--	--	2	2	151	--	--	7	4
Grains and feeds	--	--	--	--	--	2,919	2,900	3,000	239	260
Fruits, nuts, and preps.,										
excl. juices (mt) ⁶	7,581	8,000	8,100	560	591	3,982	5,400	5,400	296	319
Bananas and plantains (mt)	4,175	4,300	4,300	382	402	1,214	1,200	1,200	115	107
Fruit juices (1,000 hectoliters)	26,577	30,000	30,000	2,026	2,843	669	--	--	52	63
Vegetables and preps.	--	--	--	--	--	4,249	4,500	4,500	266	291
Tobacco, unmanufactured (mt)	241	200	200	23	18	822	800	800	76	55
Cotton, unmanufactured (mt)	10	--	--	0	9	11	--	--	0	9
Seeds (mt)	257	--	--	12	27	422	--	--	24	25
Nursery stock and cut flowers	--	--	--	--	--	1,082	1,000	1,100	86	100
Sugar, cane or beet (mt)	2,170	1,800	NA	168	143	758	--	--	71	56
Oilseeds and products (mt)	4,314	3,900	4,000	265	324	2,243	2,000	2,100	155	162
Oilseeds (mt)	1,028	--	--	35	102	371	--	--	14	23
Protein meal (mt)	1,277	--	--	92	72	188	--	--	13	10
Vegetable oils (mt)	2,010	--	--	139	150	1,684	--	--	129	129
Beverages, excl. fruit										
juices (1,000 hectoliters)	--	--	--	--	--	3,705	--	--	324	391
Coffee, tea, cocoa, spices (mt)	2,369	--	--	186	202	6,056	--	--	418	403
Coffee, incl. products (mt)	1,155	1,300	1,300	93	107	3,587	2,900	3,000	232	226
Cocoa beans and products (mt)	875	900	900	62	62	1,701	1,600	1,600	123	107
Rubber and allied gums (mt)	1,162	1,200	1,200	103	115	1,027	800	800	83	69
Other	--	--	--	--	--	2,703	--	--	228	228
Total	--	--	--	--	--	37,007	37,500	38,000	2,857	2,990

F=Forecast. P=Projection. -- = Not available. Projections are fiscal years (October 1 through September 30) and are from Outlook for U.S. Agricultural Exports. 1997 and 1998 data are from *Foreign Agricultural Trade of the U.S.* 1. Projection includes beef, pork, and variety meat. 2. Projection includes pulses. 3. Value projection includes wheat flour. 4. Projection excludes grain products. 5. Projection includes linters. 6. Value projection includes juice.

Information Contact: Mary Fant (202) 694-5272

Table 28—U.S. Agricultural Exports by Region

Region & country	Fiscal year			1998		1999				
	1997	1998	1999 F	Aug	Mar	Apr	May	Jun	Jul	Aug
	<i>\$ millions</i>									
WESTERN EUROPE	9,617	8,859	7,500	458	615	487	526	453	418	592
European Union ¹	8,997	8,522	7,100	441	590	464	498	414	382	404
Belgium-Luxembourg	715	666	--	34	47	45	62	35	32	38
France	548	536	--	25	30	24	22	20	24	22
Germany	1,376	1,294	--	80	100	63	80	49	56	57
Italy	792	729	--	26	61	32	43	35	19	36
Netherlands	2,011	1,792	--	60	138	131	121	94	70	74
United Kingdom	1,289	1,300	--	95	91	77	88	89	90	84
Portugal	243	186	--	8	12	9	11	4	5	10
Spain, incl. Canary Islands	1,087	1,132	--	56	48	25	31	45	37	37
Other Western Europe	620	336	400	17	25	23	29	39	36	188
Switzerland	506	236	--	9	19	16	23	21	29	171
EASTERN EUROPE	317	320	200	16	16	14	13	17	15	9
Poland	164	139	--	5	4	9	6	5	6	5
Former Yugoslavia	72	97	--	6	1	1	1	4	4	2
Romania	37	31	--	3	6	1	2	1	0	0
NEWLY INDEPENDENT STATES	1,593	1,456	1,200	109	55	72	86	85	121	102
Russia	1,281	1,103	900	70	37	20	68	57	61	71
ASIA ²	26,436	21,992	17,900	1,526	1,713	1,680	1,446	1,659	1,537	1,648
West Asia (Mideast)	2,562	2,286	2,000	164	159	144	130	160	196	162
Turkey	742	658	500	72	21	35	36	50	46	19
Iraq	50	131	--	--	1	0	--	0		--
Israel, incl. Gaza and W. Bank	543	389	--	24	40	34	26	37	51	24
Saudi Arabia	630	535	500	32	39	34	26	46	31	43
South Asia	728	626	500	79	30	30	11	32	29	32
Bangladesh	123	114	--	6	6	3	2	9	8	15
India	152	163	--	31	17	12	5	18	12	8
Pakistan	418	275	--	30	4	4	4	3	4	2
China	1,774	1,514	900	68	35	52	42	34	35	73
Japan	10,713	9,469	8,800	628	820	794	695	730	636	698
Southeast Asia	3,136	2,288	2,200	181	176	163	169	180	168	195
Indonesia	768	529	500	50	39	35	40	59	33	41
Philippines	898	751	700	73	50	65	59	68	61	69
Other East Asia	7,523	5,808	5,500	406	492	497	398	524	473	487
Korea, Rep.	3,293	2,258	2,300	165	231	219	161	225	228	220
Hong Kong	1,640	1,568	1,300	100	101	87	87	104	88	97
Taiwan	2,588	1,975	1,900	141	161	191	150	194	156	169
AFRICA	2,265	2,174	2,100	189	184	161	142	180	178	171
North Africa	1,480	1,475	1,400	125	132	120	96	98	123	114
Morocco	166	139	--	13	16	19	10	9	16	17
Algeria	307	281	--	25	13	13	8	12	22	30
Egypt	928	939	1,000	84	92	78	70	73	79	61
Sub-Sahara	785	699	700	64	52	40	46	82	55	56
Nigeria	106	140	--	13	5	12	21	19	9	17
S. Africa	239	193	--	15	14	7	11	18	17	13
LATIN AMERICA and CARIBBEAN	9,984	11,362	10,600	822	869	794	753	743	805	799
Brazil	461	566	400	28	14	13	17	16	22	19
Caribbean Islands	1,473	1,487	--	114	120	129	115	110	109	113
Central America	1,029	1,137	--	81	96	90	79	83	79	87
Colombia	552	606	--	41	35	43	37	48	34	32
Mexico	5,077	5,956	5,600	460	512	427	421	393	457	449
Peru	178	314	--	29	13	30	25	30	31	23
Venezuela	552	516	500	32	52	33	28	33	29	33
CANADA	6,620	7,022	6,900	534	597	587	616	615	586	556
OCEANIA	534	545	500	49	34	42	39	43	37	50
TOTAL	57,365	53,730	49,000	3,704	4,082	3,850	3,649	3,806	3,718	3,949

F = Forecast. -- = Not available. Based on fiscal year beginning October 1 and ending September 30. 1. Austria, Finland, and Sweden are included in the European Union. 2. Asia forecasts exclude West Asia (Mideast). NOTE: Adjusted for transshipments through Canada for 1997 and 1998 through December 1998, but transshipments are not distributed by country as previously for 1999. Information contact: Mary Fant (202) 694-5272

Farm Income

Table 29—Value Added to the U.S. Economy by the Agricultural Sector

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	\$ billion									
Final crop output	83.3	81.0	89.0	82.3	100.4	95.8	115.4	112.1	102.0	95.9
Food grains	7.5	7.3	8.5	8.2	9.5	10.4	10.7	10.1	8.7	7.5
Feed crops	18.7	19.3	20.1	20.2	20.3	24.5	27.2	27.1	22.9	20.5
Cotton	5.5	5.2	5.2	5.2	6.7	6.9	7.0	6.3	6.0	5.0
Oil crops	12.3	12.7	13.3	13.2	14.7	15.5	16.3	19.7	17.2	14.7
Tobacco	2.7	2.9	3.0	2.9	2.7	2.5	2.8	2.9	3.0	2.4
Fruits and tree nuts	9.4	9.9	10.2	10.3	10.3	11.1	11.9	13.1	11.7	12.6
Vegetables	11.5	11.6	11.8	13.7	14.2	15.0	14.4	15.0	15.3	15.3
All other crops	12.8	13.1	13.7	13.7	14.7	15.0	15.8	16.9	17.3	17.8
Home consumption	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Value of inventory adjustment ¹	2.8	-1.2	3.2	-5.3	7.2	-5.3	9.1	0.9	-0.4	0.1
Final animal output	90.2	87.3	87.1	92.0	89.7	87.7	92.1	96.5	94.3	95.6
Meat animals	51.2	50.1	47.7	51.0	46.7	44.9	44.2	49.7	43.6	45.4
Dairy products	20.2	18.0	19.7	19.3	20.0	19.9	22.8	20.9	24.3	23.8
Poultry and eggs	15.3	15.2	15.5	17.3	18.5	19.1	22.4	22.2	22.8	22.9
Miscellaneous livestock	2.5	2.5	2.6	2.9	3.1	3.3	3.6	3.7	3.8	3.8
Home consumption	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.3	0.4
Value of inventory adjustment ¹	0.4	1.0	1.0	1.1	1.1	0.2	-1.1	-0.4	-0.6	-0.7
Services and forestry	15.3	15.4	15.3	17.1	18.1	19.9	20.8	22.5	24.6	25.7
Machine hire and customwork	1.8	1.8	1.8	1.9	2.1	1.9	2.1	2.6	2.3	2.3
Forest products sold	1.8	1.8	2.2	2.5	2.7	2.8	2.6	2.9	2.8	2.9
Other farm income	4.5	4.7	4.1	4.6	4.3	5.8	6.2	6.9	8.7	9.1
Gross imputed rental value of farm dwellings	7.2	7.2	7.2	8.1	9.0	9.4	9.9	10.1	10.8	11.4
Final agricultural sector output²	188.7	183.7	191.4	191.4	208.2	203.5	228.4	231.2	220.8	217.2
<i>Minus</i> Intermediate consumption outlays:	92.9	94.6	93.4	100.7	104.9	109.7	113.2	120.9	118.7	119.3
Farm origin	39.5	38.6	38.6	41.3	41.3	41.8	42.7	46.9	44.9	45.1
Feed purchased	20.4	19.3	20.1	21.4	22.6	23.8	25.2	26.3	25.0	24.2
Livestock and poultry purchased	14.6	14.1	13.6	14.7	13.3	12.5	11.3	13.8	12.7	13.7
Seed purchased	4.5	5.1	4.9	5.2	5.4	5.5	6.2	6.7	7.2	7.2
Manufactured inputs	22.0	23.2	22.7	23.1	24.4	26.2	28.6	29.2	28.3	29.0
Fertilizers and lime	8.2	8.7	8.3	8.4	9.2	10.0	10.9	10.9	10.7	10.5
Pesticides	5.4	6.3	6.5	6.7	7.2	7.7	8.5	9.0	9.1	9.1
Petroleum fuel and oils	5.8	5.6	5.3	5.3	5.3	5.4	6.0	6.2	5.6	6.4
Electricity	2.6	2.6	2.6	2.7	2.7	3.0	3.2	3.0	2.9	2.9
Other intermediate expenses	31.4	32.8	32.1	36.2	39.2	41.7	41.8	44.9	45.5	45.2
Repair and maintenance of capital items	8.6	8.6	8.5	9.2	9.1	9.5	10.3	10.4	10.4	10.4
Machine hire and customwork	3.6	3.5	3.8	4.4	4.8	4.8	4.7	4.9	5.5	5.4
Marketing, storage, and transportation	4.2	4.7	4.5	5.6	6.8	7.2	6.9	7.1	6.7	6.8
Contract labor	1.6	1.6	1.7	1.8	1.8	2.0	2.1	2.6	2.4	2.5
Miscellaneous expenses	13.5	14.3	13.6	15.2	16.7	18.3	17.8	19.8	20.5	20.1
<i>Plus</i> Net government transactions:	3.1	2.1	2.7	6.9	1.1	0.2	0.2	0.2	4.6	14.7
+ Direct government payments	9.3	8.2	9.2	13.4	7.9	7.3	7.3	7.5	12.2	22.5
- Motor vehicle registration and licensing fees	0.4	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5
- Property taxes	5.9	5.8	6.1	6.2	6.3	6.6	6.7	6.9	7.2	7.3
Gross value added	98.9	91.2	100.6	97.5	104.5	94.0	115.4	110.4	106.7	112.6
<i>Minus</i> Capital consumption	18.1	18.2	18.3	18.4	18.6	18.9	19.2	19.3	19.4	19.3
Net value added²	80.7	73.0	82.3	79.2	85.8	75.1	96.2	91.1	87.2	93.3
<i>Minus</i> Factor payments:	36.0	34.4	34.4	34.6	36.6	37.9	41.3	42.5	43.1	45.3
Employee compensation (total hired labor)	12.5	12.3	12.3	13.2	13.5	14.3	15.3	16.0	16.9	17.8
Net rent received by nonoperator landlords	10.0	9.9	11.1	10.7	11.5	11.0	13.0	12.9	12.0	13.8
Real estate and non-real estate interest	13.4	12.1	11.0	10.6	11.5	12.6	13.0	13.5	14.2	13.8
Net farm income²	44.7	38.7	47.9	44.5	49.2	37.2	54.9	48.6	44.1	48.0

Values in last two columns are preliminary or forecast. 1. A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales. 2. Final sector output is the gross value of commodities and services produced within a year. Net value added is the sector's contribution to the National economy and is the sum of income from production earned by all factors of production. Net farm income is farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development. *Information contact: Roger Strickland (202)694-5592 or rogers@econ.ag.gov*

Table 30—Farm Income Statistics

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>\$ billion</i>									
Cash income statement:										
1. Cash receipts	169.5	167.9	171.3	177.9	181.3	188.1	199.1	207.6	196.8	191.7
Crops ¹	80.3	82.1	85.7	87.4	93.1	101.0	106.2	111.1	102.2	95.7
Livestock	89.2	85.8	85.6	90.4	88.2	87.1	93.0	96.5	94.5	96.0
2. Direct Government payments	9.3	8.2	9.2	13.4	7.9	7.3	7.3	7.5	12.2	22.5
3. Farm-related income ²	8.1	8.3	8.1	9.0	9.1	10.5	11.0	12.4	13.8	14.3
4. Gross cash income (1+2+3)	186.9	184.3	188.6	200.3	198.2	205.8	217.4	227.5	222.8	228.4
5. Cash expenses ³	134.1	134.0	133.3	141.0	147.1	153.2	159.9	169.0	167.8	170.6
6. Net cash income (4-5)	52.8	50.4	55.2	59.3	51.1	52.6	57.5	58.5	54.9	57.9
Farm income statement:										
7. Gross cash income (4)	186.9	184.3	188.6	200.3	198.2	205.8	217.4	227.5	222.8	228.4
8. Noncash income ⁴	7.9	7.8	7.8	8.7	9.6	9.9	10.3	10.6	11.3	11.8
9. Value of inventory adjustment	3.3	-0.2	4.2	-4.2	8.3	-5.0	8.0	0.5	-1.0	-0.6
10. Gross farm income (7+8+9)	198.0	191.9	200.5	204.8	216.1	210.7	235.7	238.7	233.1	239.7
11. Total production expenses	153.3	153.3	152.6	160.2	166.8	173.5	180.8	190.0	189.0	191.7
12. Net farm income (10-11)	44.7	38.7	47.9	44.5	49.2	37.2	54.9	48.6	44.1	48.0

Values for last 2 years are preliminary or forecast. Numbers in parentheses indicate the combination of items required to calculate an item. Totals may not add due to rounding. 1. Includes commodities placed under CCC loans and profits made on loans redeemed. 2. Income from custom labor, machine hire, recreational activities, forest product sales, and other farm sources. 3. Excludes depreciation and perquisites to hired labor. Excludes farm operator dwellings. 4. Value of farm products consumed on farms where produced plus the imputed rental value of farm dwellings. *Information contact:* Roger Strickland (202) 694-5592 or rogers@econ.ag.gov

Table 31—Average Income to Farm Operator Households¹

	1992	1993	1994	1995	1996	1997	1998	1999
	<i>\$ per farm</i>							
Net cash farm business income ²	11,320	11,248	11,389	11,218	13,502	12,676	14,357	--
Less depreciation ³	5,187	6,219	6,466	6,795	6,906	6,578	7,409	--
Less wages paid to operator ⁴	216	454	425	522	531	513	637	--
Less farmland rental income ⁵	360	534	701	769	672	568	543	--
Less adjusted farm business income due to other household(s) ⁶	961	872	815	649	1,094	1,505	1,332	--
	<i>\$ per farm operator household</i>							
Equals adjusted farm business income	4,596	3,168	2,981	2,484	4,300	3,513	4,436	--
Plus wages paid to operator	216	454	425	522	531	513	637	--
Plus net income from farmland rental ⁷	360	--	--	1,053	1,178	945	868	--
Equals farm self-employment income	5,172	3,623	3,407	4,059	6,009	4,971	5,941	--
Plus other farm-related earnings ⁸	2,008	1,192	970	661	1,898	1,234	1,165	--
Equals earnings of the operator household from farming activities	7,180	4,815	4,376	4,720	7,906	6,205	7,106	6,469
Plus earnings of the operator household from off-farm sources ⁹	35,731	35,408	38,092	39,671	42,455	46,358	52,628	54,443
Equals average farm operator household income	42,911	40,223	42,469	44,392	50,361	52,562	59,734	60,912
	<i>\$ per U.S. household</i>							
U.S. average household income ¹⁰	38,840	41,428	43,133	44,938	47,123	49,692	51,855	--
	<i>Percent</i>							
Average farm operator household income as percent of U.S. average household income	110.5	97.1	98.5	98.8	106.9	105.8	115.2	--
Average operator household earnings from farming activities as percent of average operator household income	16.7	12.0	10.3	10.6	15.7	11.8	11.9	--

-- = Not available. F = forecast. 1. This table derives farm operator household income estimates from the Agricultural Resource Management Study (ARMS) that are consistent with Current Population Survey (CPS) methodology. The CPS, conducted by the Bureau of the Census, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. The CPS definition departs from a strictly cash concept by including depreciation as an expense that farm operators and other self-employed people subtract from gross receipts when reporting net cash income. 2. A component of farm-sector income. Excludes income of contractors and landlords as well as the income of farms organized as nonfamily corporations or cooperatives, and farms run by a hired manager. Includes income of farms organized as proprietorships, partnerships, and family corporations. 3. Consistent with the CPS definition of self-employed income reported depreciation expenses are subtracted from net cash farm income. The ARMS collects data on farm business depreciation used for tax purposes. 4. Wages paid to the operator are excluded because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. 5. Gross rental income is excluded because net rental income from farm operation is added below to income received by the household. 6. More than one household may have a claim on the income of a farm business. On average, 1.1 households share the income of a farm business. 7. Includes net rental income from the farm business. Also includes net rental income from farmland held by household members that is not part of the farm business. In 1991 and 1992, gross rental income from the farm business was used because net rental income data were not collected. In 1993 and 1994, net rental income data were collected as part of off-farm income. 1994, net rental income data were collected as part of off-farm income. 8. Wages paid to other operator household members by the farm business, and net income from a farm business other than the one surveyed. In 1996, also includes the value of commodities provided to household members for farm work. 9. Wages, salaries, net income from nonfarm businesses, interest, dividends, transfer payments, etc. In 1993 and 1994, also includes net rental income from farmland. 10. From the CPS. Sources: U.S. Department of Agriculture Economic Research Service, 1992, 1993, 1994, and 1995 Farm Costs and Returns Survey (FCRS), and 1996 and 1997 Agricultural Resource Management Study for farm operator household data. U.S. Department of Commerce, Bureau of the Census Current Population Survey (PCS), for average household income. *Information contact:* Bob Hoppe (202) 694-5572 or rhoppe@econ.ag.gov

Table 32—Balance Sheet of the U.S. Farming Sector

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>\$ billion</i>									
Farm assets	841.5	834.8	861.9	891.5	915.3	945.8	980.7	1,022.7	1,027.4	1,035.5
Real estate	620.0	615.4	634.3	658.8	684.0	719.6	746.3	783.1	794.4	802.3
Livestock and poultry ¹	70.9	68.1	71.0	72.8	67.9	57.8	60.3	66.8	57.0	57.0
Machinery and motor vehicles	86.3	85.9	85.4	86.5	87.5	88.5	88.9	88.1	91.0	90.0
Crops stored ^{2,3}	23.2	22.2	24.2	23.3	23.3	27.4	31.7	29.9	30.0	30.0
Purchased inputs	2.8	2.6	3.9	3.8	5.0	3.4	4.4	5.1	5.0	5.2
Financial assets	38.3	40.5	43.1	46.3	47.6	49.1	49.1	49.7	50.0	51.0
Total farm debt	138.0	139.2	139.1	142.0	146.8	150.8	156.1	165.4	172.0	171.0
Real estate debt ³	74.7	74.9	75.4	76.0	77.7	79.3	81.7	85.4	88.8	87.7
Non-real estate debt ⁴	63.2	64.3	63.6	65.9	69.1	71.5	74.4	80.1	83.2	83.4
Total farm equity	703.5	695.6	722.8	749.5	768.5	795.0	824.6	857.3	855.4	864.5
	<i>Percent</i>									
Selected ratios										
Debt to equity	19.6	20.0	19.2	18.9	19.1	19.0	18.9	19.3	20.1	19.8
Debt to assets	16.4	16.7	16.1	15.9	16.0	15.9	15.9	16.2	16.7	16.5

Values in the last two columns are preliminary or forecast. 1. As of December 31. 2. Non-CCC crops held on farms plus value above loan rates for crops held under CCC. 3. Includes CCC storage and drying facilities loans, but excludes debt on operator dwellings. 4. Excludes debt for nonfarm purposes. *Information contact: Ken Erickson (202) 694-5565 or erickson@econ.ag.gov*

Table 33—Cash Receipts from Farming

	Annual			1998		1999				
	1996	1997	1998	Jul	Feb	Mar	Apr	May	Jun	Jul
	<i>\$ million</i>									
Commodity sales ¹	199,138	207,611	196,761	15,650	12,634	14,941	12,921	13,034	14,322	14,353
Livestock and products	92,956	96,535	94,539	8,154	6,991	8,712	6,820	7,209	8,090	8,061
Meat animals	44,154	49,682	43,604	3,329	3,371	4,612	3,107	3,469	4,292	3,439
Dairy products	22,785	20,940	24,312	1,864	1,957	2,148	1,772	1,857	1,788	1,836
Poultry and eggs	22,432	22,234	22,806	1,982	1,495	1,773	1,780	1,716	1,807	1,808
Other	3,585	3,679	3,816	979	168	179	161	167	203	978
Crops	106,182	111,076	102,222	7,497	5,643	6,229	6,101	5,825	6,232	6,292
Food grains	10,719	10,137	8,734	1,543	403	516	414	340	806	1,182
Feed crops	27,185	27,101	22,927	1,471	1,360	1,360	922	1,068	1,489	1,128
Cotton (lint and seed)	6,983	6,346	6,013	113	382	294	111	110	90	54
Tobacco	2,795	2,874	2,989	66	136	19	5	0	0	10
Oil-bearing crops	16,344	19,673	17,198	858	915	753	696	605	693	521
Vegetables and melons	14,439	14,961	15,337	1,452	879	1,182	1,337	1,573	1,424	1,440
Fruits and tree nuts	11,928	13,074	11,727	1,015	527	596	666	657	807	980
Other	15,789	16,909	17,297	977	1,042	1,508	1,949	1,472	923	977
Government payments	7,340	7,495	12,220	157	814	664	566	228	2,365	677
Total	206,478	215,107	208,981	15,807	13,448	15,604	13,487	13,261	16,688	15,030

Annual values for the most recent year are preliminary. 1. Sales of farm products include receipts from commodities placed under nonrecourse CCC loans, plus additional gains realized on redemptions during the period. *Information contacts: Larry Traub (202) 694-5593 or ltraub@econ.ag.gov and Cheryl Steele (202) 694-5591 or cherylj@econ.ag.gov. To receive current monthly cash receipts via e-mail contact Larry Traub.*

Table 34—Cash Receipts from Farm Marketings, by State

Region and State	Livestock and products				Crops ¹				Total ¹			
	1997	1998	Jun 1999	Jul 1999	1997	1998	Jun 1999	Jul 1999	1997	1998	Jun 1999	Jul 1999
	<i>\$ million</i> ²											
NORTH ATLANTIC												
Maine	276	282	21	23	213	224	6	15	489	506	27	37
New Hampshire	68	69	6	6	84	82	3	5	153	151	9	11
Vermont	414	472	37	31	85	84	3	14	500	557	40	44
Massachusetts	114	112	9	11	417	395	24	27	531	507	33	38
Rhode Island	9	9	1	1	54	56	3	5	63	65	3	6
Connecticut	223	228	17	22	278	281	12	15	501	509	29	37
New York	1,828	2,092	151	172	1,007	1,054	65	117	2,836	3,146	216	289
New Jersey	168	178	11	35	626	650	61	72	794	828	72	107
Pennsylvania	2,808	2,914	216	234	1,324	1,261	78	80	4,132	4,175	294	313
NORTH CENTRAL												
Ohio	1,875	1,848	148	155	3,361	3,124	181	198	5,237	4,973	329	353
Indiana	1,928	1,639	126	133	3,838	3,245	147	176	5,766	4,885	273	309
Illinois	1,928	1,575	127	112	7,055	6,167	403	350	8,984	7,742	530	462
Michigan	1,365	1,323	105	117	2,234	2,158	108	139	3,598	3,480	213	256
Wisconsin	4,066	4,492	334	371	1,721	1,701	77	78	5,787	6,193	411	449
Minnesota	3,992	3,755	300	262	4,006	3,925	281	167	7,998	7,680	580	429
Iowa	5,613	4,778	463	426	7,331	6,217	346	237	12,944	10,994	809	663
Missouri	2,771	2,420	193	182	2,631	2,262	113	135	5,402	4,682	306	318
North Dakota	598	549	53	45	2,668	2,455	127	133	3,267	3,004	180	178
South Dakota	1,781	1,557	158	130	2,401	1,951	90	74	4,182	3,508	248	205
Nebraska	5,508	5,124	584	457	4,295	3,725	178	152	9,803	8,848	763	608
Kansas	4,936	4,537	472	361	3,609	3,247	139	383	8,544	7,784	611	743
SOUTHERN												
Delaware	579	609	51	51	176	164	15	20	754	774	66	71
Maryland	928	949	75	88	607	571	40	57	1,535	1,520	115	145
Virginia	1,542	1,561	121	143	864	768	39	60	2,406	2,328	160	202
West Virginia	328	336	26	31	69	69	7	7	397	405	32	38
North Carolina	4,723	3,917	291	283	3,507	3,247	162	144	8,230	7,164	453	427
South Carolina	802	763	55	62	885	748	52	51	1,687	1,511	107	113
Georgia	3,402	3,408	269	266	2,350	2,047	140	83	5,752	5,454	409	349
Florida	1,400	1,407	113	168	5,116	5,355	374	250	6,516	6,762	487	418
Kentucky	1,972	2,134	93	435	1,571	1,787	51	42	3,543	3,920	144	477
Tennessee	1,028	1,038	73	93	1,245	1,177	50	44	2,273	2,216	123	137
Alabama	2,428	2,587	185	201	788	696	41	29	3,216	3,283	227	230
Mississippi	2,004	2,169	171	169	1,476	1,285	34	34	3,480	3,454	205	202
Arkansas	3,346	3,250	287	263	2,379	2,172	129	77	5,724	5,422	416	341
Louisiana	659	645	57	61	1,510	1,245	25	27	2,168	1,891	82	88
Oklahoma	3,036	2,838	233	244	1,138	1,062	162	153	4,174	3,900	395	397
Texas	8,147	8,220	809	700	5,060	4,986	311	353	13,208	13,206	1,120	1,053
WESTERN												
Montana	965	865	73	73	1,058	934	39	45	2,023	1,799	112	118
Idaho	1,405	1,585	147	143	1,878	1,735	91	91	3,283	3,320	239	234
Wyoming	686	681	73	25	191	170	4	8	876	850	77	33
Colorado	2,875	2,857	278	211	1,303	1,453	92	121	4,177	4,310	370	332
New Mexico	1,366	1,437	124	112	551	513	65	63	1,917	1,950	189	175
Arizona	906	943	85	83	1,276	1,425	110	67	2,183	2,368	195	150
Utah	706	736	57	65	256	245	14	20	962	981	71	85
Nevada	187	194	15	17	136	143	11	16	322	337	25	32
Washington	1,622	1,730	136	142	3,747	3,424	256	267	5,370	5,155	392	409
Oregon	803	762	67	70	2,427	2,330	169	198	3,229	3,092	236	268
California	6,310	6,845	584	572	19,827	17,771	1,268	1,353	26,137	24,616	1,852	1,925
Alaska	28	27	2	2	21	20	2	2	49	47	4	5
Hawaii	86	92	8	8	424	418	34	35	510	510	42	43
U.S.	96,535	94,539	8,090	8,061	111,076	102,222	6,232	6,292	207,611	196,761	14,322	14,353

Annual values for the most recent year are preliminary. Estimates as of end of current month. Totals may not add because of rounding. 1. Sales of farm products include receipts from commodities placed under nonrecourse CCC loans, plus additional gains realized on redemptions during the period.

Information contacts: Larry Traub (202) 694-5593 or ltraub@econ.ag.gov and Cheryl Steele (202) 694-5591 or cherylj@econ.ag.gov. To receive current monthly cash receipts via e-mail contact Larry Traub.

Table 35—CCC Net Outlays by Commodity & Function

	Fiscal year									
	1991	1992	1993	1994	1995	1996	1997	1998	1999 E	2000 E
	\$ million									
COMMODITY/PROGRAM										
Feed grains:										
Corn	2,387	2,105	5,143	625	2,090	2,021	2,587	2,873	5,204	3,285
Grain sorghum	243	190	410	130	153	261	284	296	483	314
Barley	71	174	186	202	129	114	109	168	266	182
Oats	12	32	16	5	19	8	8	17	40	26
Corn and oat products	9	9	10	10	1	0	0	0	0	0
Total feed grains	2,722	2,510	5,765	972	2,392	2,404	2,988	3,354	5,993	3,807
Wheat and products	2,805	1,719	2,185	1,729	803	1,491	1,332	2,187	3,009	1,392
Rice	867	715	887	836	814	499	459	491	802	597
Upland cotton	382	1,443	2,239	1,539	99	685	561	1,132	1,740	1,236
Tobacco	-143	29	235	693	-298	-496	-156	376	69	-163
Dairy	839	232	253	158	4	-98	67	291	467	187
Soybeans	40	-29	109	-183	77	-65	5	139	1,023	2,907
Peanuts	48	41	-13	37	120	100	6	-11	16	-15
Sugar	-20	-19	-35	-24	-3	-63	-34	-30	-48	-42
Honey	19	17	22	0	-9	-14	-2	0	1	-1
Wool and mohair	172	191	179	211	108	55	0	0	6	-6
Operating expense ¹	625	6	6	6	6	6	6	5	5	4
Interest expenditure	745	532	129	-17	-1	140	-111	76	178	400
Export programs ²	733	1,459	2,193	1,950	1,361	-422	125	212	344	1,020
1988/99 Disaster/tree/ livestock assistance	121	1,054	944	2,566	660	95	130	3	2,278	5
Conservation Reserve Program	0	0	0	0	0	2	1,671	1,693	1,517	1,552
Other conservation programs	0	0	0	0	0	7	105	197	309	367
Other	155	-162	949	-137	-103	320	104	28	682	865
Total	10,110	9,738	16,047	10,336	6,030	4,646	7,256	10,143	18,391	14,112
Function										
Price support loans (net)	418	584	2,065	527	-119	-951	110	1,128	832	1,376
Cash direct payments: ³										
Production flexibility contract	0	0	0	0	0	5,141	6,320	5,672	5,544	5,042
Market loss assistance	0	0	0	0	0	0	0	0	3,011	0
Deficiency	6,224	5,491	8,607	4,391	4,008	567	-1,118	-7	0	0
Diversion	0	0	0	0	0	0	0	0	0	0
Dairy termination	96	2	0	0	0	0	0	0	0	0
Loan deficiency	21	214	387	495	29	0	0	478	2,653	3,383
Other	0	140	149	171	97	95	7	416	288	11
Conservation Reserve Program	0	0	0	0	0	2	1,671	1,693	1,489	1,517
Other conservation programs	0	0	0	0	0	0	85	156	260	310
Noninsured Assistance (NAP)	0	0	0	0	0	2	52	23	72	89
Total direct payments	6,341	5,847	9,143	5,057	4,134	5,807	7,017	8,431	13,317	10,352
1988-98 crop disaster	6	960	872	2,461	577	14	2	-2	1,945	0
Emergency livestock/tree/DRAP livestock indemn/forage assist.	115	94	72	105	83	81	128	5	333	5
Purchases (net)	646	321	525	293	-51	-249	-60	207	715	148
Producer storage payments	1	14	9	12	23	0	0	0	0	0
Processing, storage, and transportation	240	185	136	112	72	51	33	38	51	48
Export donations ocean transportation	50	139	352	156	50	69	34	40	441	346
Operating expense ¹	625	6	6	6	6	6	6	5	5	4
Interest expenditure	745	532	129	-17	-1	140	-111	76	178	400
Export programs ²	733	1,459	2,193	1,950	1,361	-422	125	212	344	1,020
Other	190	-403	545	-326	-105	100	-28	3	230	413
Total	10,110	9,738	16,047	10,336	6,030	4,646	7,256	10,143	18,391	14,112

E=Estimated in the FY 2000 Mid-Session Review Budget which was released on June 28, 1999 based on May 1999 supply and demand estimates.

1. Does not include CCC Transfers to General Sales Manager. 2. Includes Export Guarantee Program, Direct Export Credit Program, CCC Transfers to the General Sales Manager, Market Access (Promotion) Program, starting in FY 1991 and starting in FY 1992 the Export Guarantee Program - Credit Reform, Export Enhancement Program, Dairy Export Incentive Program, and Technical Assistance to Emerging Markets. 3. Includes cash payments only. Excludes generic certificates in FY 86-96. The CCC outlays shown for 1996-2000 include the impact of the Federal Agricultural Improvement and Reform Act of 1996, which was enacted April 4, 1996. Minus (-) indicates a net receipt (excess of repayments or other receipts over gross outlays of funds). Information contact: Richard Pazdalski Farm Service Agency - Budget at (202) 720-3675 or Richard_Pazdalski@wdc.fsa.usda.gov.

Further detail can be found at www.fsa.usda.gov/dam/BUD/bud1.htm

Food Expenditures

Table 36—Food Expenditures

	Annual			1999			Year-to-date cumulative		
	1997	1998	1999	Jul	Aug	Sep	Jul	Aug	Sep
	<i>\$ billion</i>								
Sales ¹									
At home ²	380.2	395.3	--	35.4	34.8	32.8	232.0	266.7	299.5
Away from home ³	297.9	301.7	--	31.0	30.4	28.4	195.0	225.4	253.8
	<i>1998 \$ billion</i>								
Sales ¹									
At home ²	371.0	378.5	--	34.8	34.2	32.1	221.4	255.6	287.6
Away from home ³	289.7	286.0	--	30.2	29.6	27.6	184.2	213.8	241.4
	<i>Percent change from year earlier (\$ billion)</i>								
Sales ¹									
At home ²	3.4	4.0	--	3.2	3.6	1.3	3.0	3.0	2.9
Away from home ³	3.0	1.3	--	17.0	14.9	14.6	12.0	12.4	12.7
	<i>Percent change from year earlier (1998 \$ billion)</i>								
Sales ¹									
At home ²	1.0	2.0	--	5.9	6.3	3.7	2.2	2.8	2.9
Away from home ³	0.2	-1.3	--	20.4	18.2	18.2	11.1	12.0	12.7

-- = Not available. 1. Food only (excludes alcoholic beverages). Not seasonally adjusted. 2. Excludes donations and home production. 3. Excludes donations, child nutrition subsidies, and meals furnished to employees, patients, and inmates. *Information contact: Annette Clauson (202) 694-5373*

Note: This table differs from Personal Consumption Expenditures (PCE), table 2, for several reasons: (1) this series includes only food, excluding alcoholic beverages and pet food which are included in PCE; (2) this series is not seasonally adjusted, whereas PCE is seasonally adjusted at annual rates; (3) this series reports sales only, but PCE includes food produced and consumed on farms and food furnished to employees; (4) this series includes all sales of meals and snacks, while PCE includes only purchases using personal funds, excluding business travel and entertainment. For a more complete discussion of the differences, see "Developing an Integrated Information System for the Food Sector," ERS Agr. Econ. Rpt. No. 575, Aug. 1987.

Transportation

Table 37—Rail Rates; Grain & Fruit-Vegetable Shipments

	Annual			1998		1999				
	1996	1997	1998	Aug	Mar	Apr	May	Jun	Jul	Aug P
Rail freight rate index ¹ (Dec. 1984=100)										
All products	111.5	112.1	113.4	113.5	112.6	112.7	112.7	112.7	112.8	112.7
Farm products	115.9	120.3	123.9	124.9	121.1	121.1	121.1	121.1	121.4	121.4
Grain food products	108.8	107.6	107.4	106.5	99.2	99.3	99.3	99.3	99.3	99.3
Grain shipments										
Rail carloadings (1,000 cars) ²	25.2	23.2	22.8	22.3	23.3	22.6	22.6	22.2	24.6	26.5
Barge shipments (mil. ton) ^{3,4}	3.1	2.6	3.0	3.7	2.8	3.7	4.1	4.4	4.3	3.8
Fresh fruit and vegetable shipments ⁵										
Piggy back (mil. cwt)	1.1	1.1	0.9	0.6	0.7	0.6	0.9	1.0	0.8	0.8
Rail (mil. cwt)	1.6	1.7	1.2	0.4	1.1	0.9	1.0	1.5	0.9	0.5
Truck (mil. cwt)	35.7	42.6	42.2	39.6	44.0	49.0	54.3	53.6	45.8	43.0

P= Preliminary. R = Revised. -- = Not available. 1. Department of Labor, Bureau of Labor Statistics. 2. Weekly average; from Association of American Railroads. 3. Shipments on Illinois and Mississippi waterways, U.S. Corps of Engineers. 4. Annual 1996 is 7-month average. 5. Agricultural Marketing Service, USDA. *Information contact: Jenny Gonzales (202) 694-5296*

Indicators of Farm Productivity

Table 38—Indexes of Farm Production, Input Use, & Productivity¹

	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
	1992=100									
Farm output	88	83	89	94	94	100	94	107	101	106
All livestock products	92	93	94	95	98	100	100	108	110	109
Meat animals	95	97	97	96	99	100	100	102	103	100
Dairy products	94	96	95	98	98	100	99	114	115	115
Poultry and eggs	81	83	86	92	96	100	104	110	114	119
All crops	86	75	86	92	92	100	90	106	96	103
Feed crops	84	62	85	88	86	100	76	102	83	98
Food crops	84	76	83	107	82	100	96	97	90	93
Oil crops	88	72	88	87	94	100	85	115	99	107
Sugar	95	91	91	92	96	100	95	106	98	94
Cotton and cottonseed	92	96	75	96	109	100	100	122	110	117
Vegetables and melons	90	81	85	93	97	100	97	113	108	112
Fruit and nuts	95	102	98	97	96	100	107	111	102	102
Farm input ¹	101	100	100	101	102	100	101	102	101	100
Farm labor	101	103	104	102	106	100	96	96	92	100
Farm real estate	100	100	102	101	100	100	98	99	98	99
Durable equipment	120	113	108	105	103	100	97	94	92	89
Energy	102	102	101	100	101	100	100	103	109	104
Fertilizer	106	97	94	97	98	100	111	109	85	89
Pesticides	92	79	93	90	100	100	97	103	94	106
Feed, seed, and purchased livestock	97	96	91	99	99	100	101	102	109	95
Inventories	102	98	93	97	100	100	104	99	108	104
Farm output per unit of input	87	83	90	93	92	100	94	105	100	106
Output per unit of labor										
Farm ²	87	81	86	92	89	100	98	111	110	106
Nonfarm ³	95	95	96	96	97	100	100	101	--	--

-- = Not available. Values for latest year preliminary. 1. Includes miscellaneous items not shown separately. 2. Source: Economic Research Service.

3. Source: Bureau of Labor Statistics. *Information contact: John Jones (202) 694-5614*

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Food Supply & Use

Table 39—Per Capita Consumption of Major Food Commodities¹

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	<i>Lbs.</i>									
Red meats ^{2,3,4}	119.5	115.9	112.3	111.9	114.1	112.2	114.8	115.1	112.8	111.0
Beef	68.6	65.4	63.9	63.1	62.8	61.5	63.6	64.4	65.0	63.8
Veal	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	1.0	0.9
Lamb & mutton	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8
Pork	48.8	48.4	46.4	46.9	49.5	48.9	49.6	49.0	45.9	45.6
Poultry ^{2,3,4}	51.9	53.9	56.3	58.3	60.8	62.5	63.3	62.9	64.4	64.8
Chicken	39.6	40.9	42.4	44.2	46.7	48.5	49.3	48.8	49.8	50.9
Turkey	12.4	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9
Fish and shellfish ³	15.1	15.6	15.0	14.8	14.7	14.9	15.1	14.9	14.7	14.5
Eggs ⁴	31.8	30.5	30.2	30.1	30.3	30.4	30.6	30.2	30.5	30.7
Dairy products										
Cheese (excluding cottage) ^{2,5}	23.7	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0
American	11.5	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0
Italian	8.1	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0
Other cheeses ⁶	4.1	4.3	4.5	4.6	4.7	5.0	5.0	5.0	5.0	5.1
Cottage cheese	3.9	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7
Beverage milks ²	222.3	224.2	221.8	221.1	218.3	213.4	213.6	209.8	210.0	206.9
Fluid whole milk ⁷	105.7	97.5	90.4	87.3	84.0	80.1	78.8	75.3	74.6	72.7
Fluid lower fat milk ⁸	100.5	106.5	108.5	109.9	109.3	106.6	106.1	102.6	101.7	99.8
Fluid skim milk	16.1	20.2	22.9	23.9	25.0	26.7	28.7	31.9	33.7	34.4
Fluid cream products ⁹	7.6	7.8	7.6	7.7	8.0	8.0	8.1	8.4	8.7	9.1
Yogurt (excluding frozen)	4.5	4.2	4.0	4.2	4.2	4.3	4.7	5.1	4.8	5.1
Ice cream	17.3	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.2
Lowfat ice cream ¹⁰	8.0	8.4	7.7	7.4	7.1	6.9	7.6	7.5	7.6	7.9
Frozen yogurt	--	2.0	2.8	3.5	3.1	3.5	3.5	3.5	2.6	2.1
All dairy products, milk equivalent, milkfat basis ¹¹	582.5	563.8	568.4	565.6	565.9	574.1	586.0	584.4	575.5	579.8
Fats and oils--total fat content	63.6	60.8	62.8	65.4	67.4	70.2	68.6	66.9	65.8	65.6
Butter and margarine (product weight)	14.8	14.6	15.3	15.0	15.4	15.8	14.7	13.7	13.5	12.8
Shortening	21.5	21.5	22.2	22.4	22.4	25.1	24.1	22.5	22.3	20.9
Lard and edible tallow (direct use)	2.6	2.1	2.4	3.1	4.1	3.9	4.7	4.9	5.3	4.7
Salad and cooking oils	26.3	24.4	24.8	26.7	27.2	26.8	26.3	26.9	26.1	28.7
Fruits and vegetables ¹²	635.9	657.3	656.3	660.5	661.1	685.1	689.1	690.4	706.1	710.8
Fruit	272.8	279.1	273.5	266.6	268.0	285.4	284.3	285.4	289.8	294.7
Fresh fruits	120.9	122.8	116.3	113.0	123.5	124.9	126.5	124.6	129.0	133.2
Canned fruit	21.1	21.3	21.0	19.8	22.9	20.7	21.0	17.5	18.8	20.5
Dried fruit	14.9	13.2	12.1	12.3	10.8	12.6	12.9	12.8	11.4	10.8
Frozen fruit	3.6	3.9	3.7	3.6	3.7	3.6	3.6	4.0	3.8	3.5
Selected fruit juices	112.0	117.6	120.1	117.6	106.4	123.3	119.9	126.2	126.6	126.1
Vegetables	363.1	378.2	382.8	393.9	393.2	399.8	404.8	405.0	416.2	416.0
Fresh	167.4	172.2	167.2	167.2	171.1	171.9	177.4	175.1	181.8	185.6
Canning	94.8	102.4	110.7	113.3	111.6	112.1	107.8	110.2	108.5	105.9
Freezing	64.2	67.6	66.8	72.7	70.8	75.1	79.5	79.9	83.9	81.5
Dehydrated and chips	29.2	29.8	31.0	32.8	31.5	32.9	31.7	31.3	34.0	34.5
Pulses	7.5	6.3	7.1	7.8	8.2	7.7	8.5	8.5	8.0	8.5
Peanuts (shelled)	6.9	7.0	6.0	6.5	6.2	6.0	5.8	5.7	5.7	5.8
Tree nuts (shelled)	2.3	2.2	2.4	2.2	2.2	2.2	2.3	1.9	2.0	2.2
Flour and cereal products ¹³	175.5	174.5	182.0	183.6	186.2	191.0	194.0	192.5	198.4	200.1
Wheat flour	131.7	129.6	136.0	136.9	138.8	143.3	144.5	141.8	148.8	149.7
Rice (milled basis)	14.3	15.2	16.2	16.8	17.5	17.6	19.2	20.1	18.9	19.5
Caloric sweeteners ¹⁴	132.7	133.1	137.0	137.9	141.2	144.4	147.4	149.9	150.7	154.1
Coffee (green bean equiv.)	9.8	10.1	10.3	10.3	10.0	9.1	8.2	8.0	8.9	9.3
Cocoa (chocolate liquor equiv.)	3.8	4.0	4.3	4.6	4.6	4.3	3.9	3.6	4.2	4.1

-- = Not available. 1. In pounds, retail weight unless otherwise stated. Consumption normally represents total supply minus exports, nonfood use, and ending stocks. Calendar-year data, except fresh citrus fruits, peanuts, tree nuts, and rice, which are on crop-year basis. 2. Totals may not add due to rounding. 3. Boneless, trimmed weight. Chicken series revised to exclude amount of ready-to-cook chicken going to pet food as well as some water leakage that occurs when chicken is cut up before packaging. 4. Excludes shipments to the U.S. territories. 5. Whole and part-skim milk cheese. Natural equivalent of cheese and cheese products. 6. Includes Swiss, Brick, Muenster, cream, Neufchatel, Blue, Gorgonzola, Edam, and Gouda. 7. Plain and flavored. 8. Plain and flavored, and buttermilk. 9. Heavy cream, light cream, half and half, eggnog, sour cream, and dip. 10. Formerly known as ice milk. 11. Includes condensed and evaporated milk and dry milk products. 12. Farm weight. 13. Includes rye, corn, oats, and barley products. Excludes quantities used in alcoholic beverages, corn sweeteners, and fuel. 14. Dry weight equivalent. *Information contact: Jane E. Allshouse (202) 694-5446*