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## Section 17

# Agriculture

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This section presents statistics on farms and farm operators; land use; farm income, expenditures, and debt; farm output, productivity, and marketings; foreign trade in agricultural products; specific crops; and livestock, poultry, and their products.

The principal sources are the reports issued by the National Agricultural Statistics Service (NASS) and the Economic Research Service (ERS) of the U.S. Department of Agriculture. The information from the 1997 Census of Agriculture is available in printed form in the Volume 1, Geographic Area Series; in electronic format on CD-ROM; and on the Internet site <<http://www.nass.usda.gov/census/>>.

The Department of Agriculture publishes annually *Agricultural Statistics*, a general reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The ERS publishes data on farm assets, debt, and income on the Internet site <<http://www.ers.usda.gov/briefing/farmincome/>>. Sources of current data on agricultural exports and imports include *Foreign Agricultural Trade of the United States*, published by the ERS, and the reports of the U.S. Census Bureau, particularly *U.S. Imports of Merchandise on CD-ROM*, and *U.S. Exports of Merchandise on CD-ROM*.

The 45 field offices of the NASS collect data on crops, livestock and products, agricultural prices, farm employment, and other related subjects mainly through sample surveys. Information is obtained on some 75 crops and 50 livestock items as well as scores of items pertaining to agricultural production and marketing. State estimates and supporting information are sent to the Agricultural Statistics Board of NASS which reviews the estimates and issues reports containing state and national data. Among these reports are annual summaries such as *Crop Production*, *Crop Values*, *Agricultural Prices*, and *Livestock Production, Disposition and*

*Income*. For more information about concepts and methods underlying USDA's statistical series, see *Major Statistical Series of the U.S. Department of Agriculture* (Agricultural Handbook No. 671), a 12-volume set of publications.

**Farms and farmland**—The definitions of a farm have varied through time. Since 1850, when minimum criteria defining a farm for census purposes first were established, the farm definition has changed nine times. The current definition, first used for the 1974 census, is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year.

Acreage designated as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operation. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve and Wetlands Reserve Programs for places meeting the farm definition. Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch.

Since 1945, an evaluation of census coverage has been conducted for each census of agriculture to provide estimates of the completeness of census farm counts. According to coverage evaluation results, the past five censuses of agriculture included an average of 92 percent of U.S. farms and 98 percent of agriculture production. The 1997 coverage evaluation program was designed to measure four components of error in the census farm

counts. These components include undercount due to farms not on the mail list; overcount due to farms duplicated or enumerated more than once; undercount due to farms incorrectly classified as non-farms; and overcount due to nonfarms incorrectly classified as farms. The first component, mail list undercount, is by far the largest component of coverage error. The percentage of farms missed in the census varies considerably by state. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. For more explanation about mail list compilation and census coverage, see Appendixes A and C, *1997 Census of Agriculture*, Volume 1, reports.

**Farm income**—The final agricultural sector output comprises cash receipts from farm marketings of crops and livestock, federal government payments made directly to farmers for farm-related activities, rental value of farm homes, value of farm products consumed in farm homes, and other farm-related income such as machine hire and custom work. Farm marketings represent quantities of agricultural products sold by farmers multiplied by prices received per unit of production at the local market. Information on prices received for farm products is generally obtained by the NASS Agricultural Statistics Board from surveys of firms (such as grain elevators, packers, and processors) purchasing agricultural commodities directly from producers. In some cases, the price information is obtained directly from the producers.

**Crops**—Estimates of crop acreage and production by the NASS are based on current sample survey data obtained from individual producers and objective yield

counts, reports of carlot shipments, market records, personal field observations by field statisticians, and reports from other sources. Prices received by farmers are marketing year averages. These averages are based on U.S. monthly prices weighted by monthly marketings during specific periods. U.S. monthly prices are state average prices weighted by marketings during the month. Marketing year average prices do not include allowances for outstanding loans, government purchases, deficiency payments or disaster payments.

All state prices are based on individual state marketing years, while U.S. marketing year averages are based on standard marketing years for each crop. For a listing of the crop marketing years and the participating states in the monthly program, see *Crop Values*. Value of production is computed by multiplying state prices by each state's production. The U.S. value of production is the sum of state values for all states. Value of production figures shown in Tables 827-830, 834, and 835 should not be confused with cash receipts from farm marketings which relate to sales during a calendar year, irrespective of the year of production.

**Livestock**—Annual inventory numbers of livestock and estimates of livestock, dairy, and poultry production prepared by the Department of Agriculture are based on information from farmers and ranchers obtained by probability survey sampling methods.

**Statistical reliability**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to Department of Agriculture data, see Appendix III.



## No. 799. Farms—Number, Acreage, and Value by Type of Organization: 1992 and 1997

[1,925 represents 1,925,000]

Item	Unit					Percent distribution			
		Total <sup>1</sup>	Individual or family	Partnership	Corporation	Total <sup>1</sup>	Individual or family	Partnership	Corporation
<b>ALL FARMS</b>									
Number of farms:									
1992 . . . . .	1,000 . . .	1,925	1,653	187	73	100.0	85.9	9.7	3.8
1997 . . . . .	1,000 . . .	1,912	1,643	169	84	100.0	85.9	8.8	4.4
Land in farms:									
1992 . . . . .	Mil. acres.	946	604	153	123	100.0	63.9	16.2	13.0
1997 . . . . .	Mil. acres.	932	585	149	131	100.0	62.8	16.0	14.1
Value of land and buildings: <sup>2</sup>									
1992 . . . . .	Bil. dol. . .	687	474	109	85	100.0	69.0	15.8	12.4
1997 . . . . .	Bil. dol. . .	860	593	133	114	100.0	69.0	15.5	13.3
Value of farm products sold:									
1992 . . . . .	Bil. dol. . .	163	88	29	44	100.0	54.1	18.0	27.2
1997 . . . . .	Bil. dol. . .	197	103	36	57	100.0	52.6	18.4	29.1
<b>FARMS WITH SALES OF \$10,000 AND OVER</b>									
Number of farms:									
1992 . . . . .	1,000 . . .	1,019	820	131	61	100.0	80.5	12.8	6.0
1997 . . . . .	1,000 . . .	949	758	114	70	100.0	79.9	12.0	7.4
Land in farms:									
1992 . . . . .	Mil. acres.	822	512	143	119	100.0	62.2	17.4	14.4
1997 . . . . .	Mil. acres.	802	485	138	126	100.0	60.5	17.2	15.7

<sup>1</sup> Includes other types, not shown separately. <sup>2</sup> Based on a sample of farms.

## No. 800. Corporate Farms—Characteristics by Type: 1997

[131.5 represents 131,500,000]

Item	Unit	Family held corporations			Other corporations			
		All corporations	1-10 stockholders	11 or more stockholders	Total	1-10 stockholders	11 or more stockholders	
Farms . . . . .	Number . . .	84,002	76,103	74,308	1,795	7,899	6,870	1,029
Percent distribution . . . . .	Percent . . .	100.0	90.6	88.5	2.1	9.4	8.2	1.2
Land in farms								
Average per farm . . . . .	Mil. acres . .	131.5	119.6	109.6	10.0	11.9	8.8	3.1
	Acres . . . .	1,565	1,571	1,474	5,571	1,507	1,284	2,994
Value of—								
Land and buildings <sup>1</sup> . . . . .	Bil. dol. . . .	113.7	99.3	91.6	7.7	14.4	9.3	5.1
Average per farm . . . . .	\$1,000 . . . .	1,380	1,338	1,264	4,429	1,769	1,288	5,450
Farm products sold . . . . .	Bil. dol. . . .	56.9	45.9	40.8	5.1	11.0	7.3	3.8
Average per farm . . . . .	\$1,000 . . . .	677	603	548	2,862	1,395	1,057	3,649

<sup>1</sup> Based on a sample of farms.

## No. 801. Farms—Number, Acreage, and Value of Sales by Size of Sales: 1997

[1,912 represents 1,912,000]

Value of products sold	Acreage			Value of sales		Percent distribution		
	Farms (1,000)	Total (mil.)	Average per farm	Total (mil. dol.)	Average per farm (dol.)	Farms	Acreage	Value of sales
<b>Total . . . . .</b>	<b>1,912</b>	<b>931.8</b>	<b>487</b>	<b>196,865</b>	<b>102,970</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than \$10,000 . . . . .	963	129.5	134	2,937	3,050	50.4	13.9	1.5
Less than \$2,500 . . . . .	497	63.8	128	424	854	26.0	6.8	0.2
\$2,500-\$4,999 . . . . .	228	26.3	115	820	3,591	12.0	2.8	0.4
\$5,000-\$9,999 . . . . .	238	39.4	166	1,693	7,113	12.4	4.2	0.9
\$10,000 or more . . . . .	949	802.3	846	193,928	204,373	49.6	86.1	98.5
\$10,000-\$24,999 . . . . .	274	75.3	275	4,372	15,955	14.3	8.1	2.2
\$25,000-\$49,999 . . . . .	171	82.0	481	6,084	35,642	8.9	8.8	3.1
\$50,000-\$99,999 . . . . .	158	118.0	746	11,347	71,741	8.3	12.7	5.8
\$100,000-\$249,999 . . . . .	189	207.5	1,095	30,143	159,137	9.9	22.3	15.3
\$250,000-\$499,999 . . . . .	88	138.4	1,577	30,505	347,531	4.6	14.9	15.5
\$500,000-\$999,999 . . . . .	43	91.3	2,129	29,365	685,140	2.2	9.8	14.9
\$1,000,000 or more . . . . .	26	89.8	3,464	82,110	3,166,152	1.4	9.6	41.7

Source of Tables 799-801: U.S. Dept. of Agriculture, National Agricultural Statistics Service. 1997 Census of Agriculture, Vol. 1.

# No. 802. Farms—Number, Acreage, and Value by State: 1992 and 1997

[1,925 represents 1,925,000]

State	All farms								Farms with sales of \$10,000 or more, 1997		
	Number of farms (1,000)		Land in farms (mil. acres)		Average size of farm (acres)		Total value <sup>1</sup> (mil. dol.)		Number of farms (1,000)	Land in farms (mil. acres)	Average size of farm (acres)
	1992	1997	1992	1997	1992	1997	1992	1997			
<b>United States . . . . .</b>	<b>1,925</b>	<b>1,912</b>	<b>945.5</b>	<b>931.8</b>	<b>491</b>	<b>487</b>	<b>687,432</b>	<b>859,839</b>	<b>949</b>	<b>802.3</b>	<b>846</b>
Alabama . . . . .	38	41	8.5	8.7	223	210	8,350	12,340	13	5.2	406
Alaska . . . . .	1	1	0.9	0.9	1,803	1,608	249	267	(Z)	0.7	3,088
Arizona . . . . .	7	6	35.0	26.9	5,173	4,379	10,984	10,360	3	25.5	8,681
Arkansas . . . . .	44	45	14.1	14.4	322	318	12,407	16,255	20	11.4	556
California . . . . .	78	74	29.0	27.7	373	374	63,689	69,768	42	25.2	605
Colorado . . . . .	27	28	34.0	32.6	1,252	1,154	14,568	19,993	15	28.9	1,943
Connecticut . . . . .	3	4	0.4	0.4	105	97	2,138	2,104	1	0.2	159
Delaware . . . . .	3	2	0.6	0.6	224	236	1,351	1,499	2	0.5	319
Florida . . . . .	35	35	10.8	10.5	306	300	21,801	23,048	15	8.8	596
Georgia . . . . .	41	40	10.0	10.7	246	265	11,437	15,842	16	7.5	468
Hawaii . . . . .	5	5	1.6	1.4	298	263	3,854	3,460	2	1.3	572
Idaho . . . . .	22	22	13.5	11.8	609	530	9,077	11,983	12	10.3	866
Illinois . . . . .	78	73	27.3	27.2	351	372	41,844	56,475	50	25.6	515
Indiana . . . . .	63	58	15.6	15.1	249	261	21,732	30,853	33	13.5	415
Iowa . . . . .	97	91	31.3	31.2	325	343	38,063	51,438	67	29.2	435
Kansas . . . . .	63	62	46.7	46.1	738	748	21,725	26,517	39	42.6	1,099
Kentucky . . . . .	90	82	13.7	13.3	151	162	14,775	18,943	36	9.7	268
Louisiana . . . . .	26	24	7.8	7.9	306	331	7,474	9,077	10	6.3	661
Maine . . . . .	6	6	1.3	1.2	218	209	1,396	1,456	2	0.8	337
Maryland . . . . .	13	12	2.2	2.2	171	178	6,570	6,825	6	1.8	295
Massachusetts . . . . .	5	6	0.5	0.5	100	93	2,421	2,535	3	0.3	130
Michigan . . . . .	47	46	10.1	9.9	217	215	11,517	16,490	23	8.1	359
Minnesota . . . . .	75	73	25.7	26.0	342	354	23,319	29,927	47	23.0	486
Mississippi . . . . .	32	31	10.2	10.1	318	323	7,952	10,555	10	6.9	658
Missouri . . . . .	98	99	28.5	28.8	291	292	22,070	30,589	44	22.2	505
Montana . . . . .	23	24	59.6	58.6	2,613	2,414	13,578	16,970	15	52.3	3,499
Nebraska . . . . .	53	51	44.4	45.5	839	885	22,713	29,200	40	43.6	1,092
Nevada . . . . .	3	3	9.3	6.4	3,205	2,266	2,347	2,474	1	6.2	4,209
New Hampshire . . . . .	2	3	0.4	0.4	158	141	836	945	1	0.2	222
New Jersey . . . . .	9	9	0.8	0.8	93	91	5,590	5,403	4	0.6	179
New Mexico . . . . .	14	14	46.8	45.8	3,281	3,249	9,220	8,801	5	41.6	7,593
New York . . . . .	32	32	7.5	7.3	231	228	9,130	9,117	17	5.7	334
North Carolina . . . . .	52	49	8.9	9.1	172	185	13,950	18,566	23	7.2	314
North Dakota . . . . .	31	31	39.4	39.4	1,267	1,290	13,163	15,635	23	36.4	1,590
Ohio . . . . .	71	69	14.2	14.1	201	206	20,626	28,450	36	11.8	328
Oklahoma . . . . .	67	74	32.1	33.2	480	448	15,754	20,188	30	26.7	899
Oregon . . . . .	32	34	17.6	17.4	552	513	11,824	16,316	13	15.5	1,193
Pennsylvania . . . . .	45	45	7.2	7.2	160	158	14,752	16,891	25	5.4	221
Rhode Island . . . . .	1	1	0.1	0.1	76	75	313	325	(Z)	(Z)	107
South Carolina . . . . .	20	20	4.5	4.6	221	228	5,093	6,558	6	2.9	470
South Dakota . . . . .	34	31	44.8	44.4	1,316	1,418	12,264	15,237	24	40.2	1,669
Tennessee . . . . .	75	77	11.2	11.1	149	145	13,977	20,066	21	6.7	315
Texas . . . . .	181	194	130.9	131.3	725	676	65,060	77,351	65	108.0	1,662
Utah . . . . .	14	14	9.6	12.0	712	848	4,704	6,894	6	11.0	1,776
Vermont . . . . .	5	6	1.3	1.3	235	217	1,730	1,876	3	1.0	321
Virginia . . . . .	42	41	8.3	8.2	197	200	13,534	15,813	16	5.9	364
Washington . . . . .	30	29	15.7	15.2	520	523	14,178	18,410	14	12.8	913
West Virginia . . . . .	17	18	3.3	3.5	192	194	2,810	3,790	4	1.5	401
Wisconsin . . . . .	68	66	15.5	14.9	228	227	14,285	18,504	40	12.4	309
Wyoming . . . . .	9	9	32.9	34.1	3,772	3,692	5,242	7,460	6	30.9	5,349

Z Less than 500 farms or 50,000 acres. <sup>1</sup> Value of land and buildings. Based on reports for a sample of farms.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, 1997 Census of Agriculture, Vol. 1.

## No. 803. Farms—Number and Acreage: 1980 to 2000

[As of June 1 (2,440 represents 2,440,000). Based on 1974 census definition; for definition of farms and farmland, see text of this section. Data for census years (indicated by italics) have been adjusted for underenumeration and are used as reference points along with data from acreage and livestock surveys in estimating data for other years. Minus sign (-) indicates decrease]

Year	Farms		Land in farms		Year	Farms		Land in farms	
	Number (1,000)	Annual change <sup>1</sup> (1,000)	Total (mil. acres)	Average per farm (acres)		Number (1,000)	Annual change <sup>1</sup> (1,000)	Total (mil. acres)	Average per farm (acres)
1980	2,440	3	1,039	426	1995	2,196	-1	963	438
1985	2,293	-41	1,012	441	1996	2,191	-6	959	438
1990	2,146	-29	987	460	1997	2,191	-	956	436
1992	2,108	-9	979	464	1998	2,191	1	954	435
1993	2,202	94	969	440	1999	2,192	1	947	432
1994	2,198	-4	966	440	2000	2,172	-20	943	434

- Represents or rounds to zero. <sup>1</sup> Annual change from immediate preceding year.

## No. 804. Farms—Number and Acreage by State: 1990 and 2000

[2,146 represents 2,146,000. See headnote, Table 803]

State	Farms (1,000)		Acreage (mil.)		Acreage per farm		State	Farms (1,000)		Acreage (mil.)		Acreage per farm	
	1990	2000	1990	2000	1990	2000		1990	2000	1990	2000	1990	2000
U.S.	2,146	2,172	987	943	460	434	Missouri	108	109	30	30	281	275
Alabama	47	47	10	9	215	191	Montana	25	28	61	57	2,449	2,054
Alaska	1	1	1	1	1,707	1,586	Nebraska	57	54	47	46	826	859
Arizona	8	8	36	27	4,641	3,560	Nevada	3	3	9	7	3,560	2,267
Arkansas	47	48	16	15	330	304	New Hampshire	3	3	(Z)	(Z)	163	135
California	85	88	31	28	362	318	New Jersey	8	10	1	1	107	86
Colorado	27	29	33	32	1,249	1,090	New Mexico	14	15	45	44	3,296	2,895
Connecticut	4	4	(Z)	(Z)	108	92	New York	39	38	8	8	218	203
Delaware	3	3	1	1	207	223	North Carolina	62	57	10	9	156	161
Florida	41	44	11	10	266	234	North Dakota	34	30	41	39	1,209	1,300
Georgia	48	50	13	11	260	222	Ohio	83	80	16	15	188	186
Hawaii	5	6	2	1	357	253	Oklahoma	70	85	33	34	471	400
Idaho	22	25	14	12	628	486	Oregon	37	40	18	17	488	430
Illinois	83	78	28	28	342	355	Pennsylvania	53	59	8	8	153	131
Indiana	68	64	16	16	240	242	Rhode Island	1	1	(Z)	(Z)	95	86
Iowa	104	95	34	33	322	345	South Carolina	25	24	5	5	208	196
Kansas	69	64	48	48	694	742	South Dakota	35	33	44	44	1,266	1,354
Kentucky	93	90	14	14	152	151	Tennessee	87	90	12	12	139	130
Louisiana	32	30	9	8	278	275	Texas	196	226	132	130	673	575
Maine	7	7	1	1	201	187	Utah	13	16	11	12	856	748
Maryland	15	12	2	2	148	169	Vermont	7	7	1	1	222	197
Massachusetts	6	6	1	1	100	93	Virginia	46	49	9	9	193	178
Michigan	54	52	11	10	200	200	Washington	37	40	16	16	432	393
Minnesota	89	79	30	29	337	362	West Virginia	21	21	4	4	180	176
Mississippi	40	43	13	11	325	258	Wisconsin	80	77	18	16	220	210
							Wyoming	9	9	35	35	3,899	3,761

Z Less than 500,000 acres.

Source: Tables 803 and 804: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Farm Numbers, 1975-80; Farms and Land in Farms, Final Estimates by States, 1979-1987; Farms and Land in Farms, Final Estimates, 1988-1992; Farms and Land in Farms, Final Estimates, 1993-1997*; and *Farms and Land In Farms*, February releases.

## No. 805. Certified Organic Farmland Acreage and Livestock: 1992 to 1997

Item	Unit	Crop			Certified organic acreage, 1997	
		1992	1995	1997	Total (1,000)	Percent of total cropland
Certified growers	Number	3,587	4,856	5,021	1,347	0.16
Certified organic acreage, total	1,000	935	918	1,347	496	0.11
Pastureland and rangeland	1,000	532	279	496	850	0.23
Cropland	1,000	403	639	850		
Certified animals:						
Beef cows	Number	6,796	(NA)	4,429	43	0.1
Milk cows	Number	2,265	(NA)	12,897	126	0.2
Hogs and pigs	Number	1,365	(NA)	482	30	1.1
Sheep and lambs	Number	1,221	(NA)	705	2	0.5
Layer hens	Number	43,981	(NA)	537,826	30	36.7
Broilers	Number	17,382	(NA)	38,285	8	30.1
Unclassified/other	Number	(NA)	(NA)	226,105	82	0.1
					62	0.3
					19	1.9
					14	11.5

NA Not available.

Source: U.S. Dept. of Agriculture, Economic Research Service, "U.S. certified organic farmland acreage and livestock, 1992-97"; published 4 April 2000; <<http://www.ers.usda.gov/whatsnew/issues/organic/table4.htm>>; and "Certified organic and total U.S. acreage, selected crops, 1995-1997"; published 4 April 2000; <<http://www.ers.usda.gov/whatsnew/issues/organic/table5.htm>>.

## No. 806. Gross Farm Product—Summary: 1980 to 1999

[In billions of dollars (142.9 represents \$142,900,000,000). For definition of gross product, see text, Section 13, Income, Expenditures, and Wealth. Minus sign (-) indicates decrease]

Item	1980	1985	1990	1992	1993	1994	1995	1996	1997	1998	1999
<b>CURRENT DOLLARS</b>											
<b>Farm output, total</b> . . . . .	<b>142.9</b>	<b>152.7</b>	<b>185.3</b>	<b>187.9</b>	<b>187.4</b>	<b>203.3</b>	<b>197.9</b>	<b>222.6</b>	<b>226.3</b>	<b>214.6</b>	<b>208.4</b>
Cash receipts from farm marketings . . . . .	140.3	136.3	172.1	172.3	182.0	181.0	194.2	201.2	208.6	198.2	190.7
Farm housing . . . . .	5.1	5.0	5.1	5.3	5.6	5.9	6.0	6.2	6.4	6.7	7.0
Farm products consumed on farms . . . . .	1.2	0.9	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
Other farm income . . . . .	2.4	4.6	4.9	4.7	5.1	5.1	6.3	6.8	7.8	8.6	10.4
Change in farm inventories . . . . .	-6.1	5.8	2.4	5.0	-5.9	10.8	-9.2	7.9	2.9	0.6	-0.2
Less: Intermediate goods and services purchased <sup>1</sup> . . . . .	86.8	85.6	105.7	107.4	113.9	119.8	124.7	130.4	138.1	133.9	134.2
<b>Equals: Gross farm product</b> . . . . .	<b>56.1</b>	<b>67.1</b>	<b>79.6</b>	<b>80.5</b>	<b>73.6</b>	<b>83.6</b>	<b>73.2</b>	<b>92.2</b>	<b>88.3</b>	<b>80.8</b>	<b>74.2</b>
Less: Consumption of fixed capital . . . . .	18.6	21.0	22.1	23.4	23.5	23.7	24.6	25.4	26.3	27.4	29.2
Indirect business tax <sup>2</sup> . . . . .	3.0	3.3	4.3	4.6	4.4	4.7	5.0	5.0	5.2	5.2	5.6
Plus: Subsidies to operators . . . . .	1.0	6.3	7.5	7.7	11.3	6.6	6.1	6.2	6.3	10.3	17.6
<b>Equals: Farm national income</b> . . . . .	<b>35.5</b>	<b>49.1</b>	<b>60.8</b>	<b>60.2</b>	<b>56.9</b>	<b>61.8</b>	<b>49.7</b>	<b>68.1</b>	<b>63.1</b>	<b>58.5</b>	<b>56.9</b>
<b>CHAINED (1996) DOLLARS<sup>3</sup></b>											
<b>Farm output, total</b> . . . . .	<b>(NA)</b>	<b>(NA)</b>	<b>200.8</b>	<b>213.6</b>	<b>208.3</b>	<b>227.1</b>	<b>217.9</b>	<b>222.6</b>	<b>237.5</b>	<b>238.4</b>	<b>243.9</b>
Cash receipts from farm marketings . . . . .	(NA)	(NA)	186.3	195.9	202.6	202.9	214.7	201.2	218.7	220.5	224.3
Farm housing . . . . .	(NA)	(NA)	6.9	6.8	6.6	6.4	6.3	6.2	6.0	5.9	5.7
Farm products consumed on farms . . . . .	(NA)	(NA)	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
Other farm income . . . . .	(NA)	(NA)	5.7	5.6	6.0	5.8	7.0	6.8	8.2	9.6	12.4
Change in farm inventories . . . . .	(NA)	(NA)	2.6	6.1	-7.9	13.0	-12.3	7.9	3.2	1.2	-
Less: Intermediate goods and services purchased <sup>1</sup> . . . . .	(NA)	(NA)	117.0	118.8	122.8	127.7	132.3	130.4	134.4	138.0	138.4
<b>Equals: Gross farm product</b> . . . . .	<b>(NA)</b>	<b>(NA)</b>	<b>84.2</b>	<b>95.7</b>	<b>85.8</b>	<b>100.3</b>	<b>85.5</b>	<b>92.2</b>	<b>103.6</b>	<b>100.2</b>	<b>106.3</b>

- Represents zero. NA Not available. <sup>1</sup> Includes rent paid to nonoperator landlords. <sup>2</sup> Includes nontax liability. <sup>3</sup> See text, Section 13, Income, Expenditures, and Wealth.

Source: U.S. Bureau of Economic Analysis, *National Income and Product Accounts of the United States 1929-97*, forthcoming and *Survey of Current Business*, August 2000.

## No. 807. Value Added to Economy by Agricultural Sector: 1980 to 1999

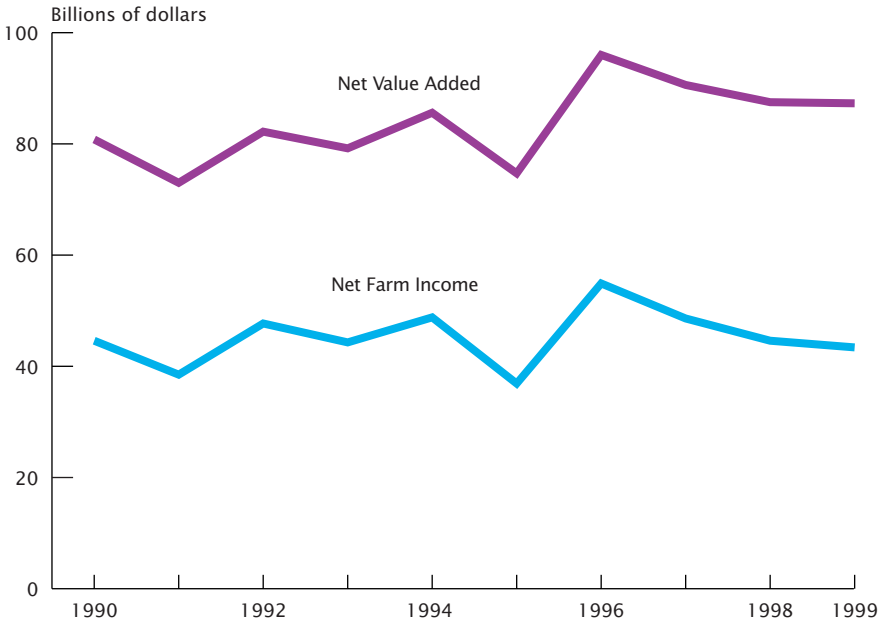
[In billions of dollars (148.0 represents \$148,000,000,000). Data are consistent with the net farm income accounts and include income and expenses related to the farm operator dwellings. The concept presented is consistent with that employed by the Organization for Economic Co-operation and Development]

Item	1980	1985	1990	1992	1993	1994	1995	1996	1997	1998	1999
<b>Final agricultural sector output</b> . . . . .	<b>148.0</b>	<b>153.5</b>	<b>188.8</b>	<b>191.3</b>	<b>191.3</b>	<b>208.0</b>	<b>203.4</b>	<b>228.4</b>	<b>230.9</b>	<b>221.0</b>	<b>214.9</b>
Final crop output (sales) <sup>1</sup> . . . . .	64.4	74.1	83.3	88.9	82.4	100.3	95.7	115.6	112.3	102.1	93.1
Final animal output (sales) <sup>1</sup> . . . . .	70.3	68.7	90.2	87.1	92.0	89.7	87.7	92.0	96.5	94.2	95.1
Services and forestry . . . . .	13.3	10.7	15.3	15.2	17.0	18.1	19.9	20.8	22.1	24.7	26.7
Machine hire and customwork . . . . .	0.7	1.5	1.8	1.8	1.9	2.1	1.9	2.2	2.4	2.2	2.0
Forest products sold . . . . .	1.0	1.4	1.9	2.2	2.5	2.6	2.8	2.6	2.8	3.0	2.9
Other farm income . . . . .	0.6	3.2	4.5	4.1	4.6	4.3	5.8	6.2	6.9	8.7	10.8
Gross imputed rental value of farm dwellings . . . . .	11.0	4.7	7.2	7.2	8.1	9.0	9.4	9.9	10.1	10.8	10.9
Less: Intermediate consumption outlays . . . . .	77.0	73.5	92.9	93.4	100.7	104.9	109.7	113.2	121.0	118.5	120.8
Farm origin <sup>2</sup> . . . . .	34.9	29.3	39.5	38.6	41.3	41.3	41.8	42.7	46.8	44.8	45.5
Feed purchased . . . . .	21.0	16.9	20.4	20.1	21.4	22.6	23.8	25.2	26.3	25.0	24.5
Livestock and poultry purchased . . . . .	10.7	9.2	14.6	13.6	14.7	13.3	12.5	11.3	13.8	12.5	13.8
Manufactured inputs <sup>2</sup> . . . . .	22.4	20.2	22.0	22.7	23.1	24.4	26.1	28.6	29.2	28.2	27.3
Fertilizers and lime . . . . .	9.5	7.5	8.2	8.3	8.4	9.2	10.0	10.9	10.9	10.6	9.9
Pesticides . . . . .	3.5	4.3	5.4	6.5	6.7	7.2	7.7	8.5	9.0	9.0	8.6
Other intermediate expenses <sup>2</sup> . . . . .	19.7	24.1	31.4	32.1	36.2	39.2	41.7	41.9	44.9	45.6	48.0
Repair and maintenance of capital items . . . . .	7.1	6.4	8.6	8.5	9.2	9.1	9.5	10.3	10.4	10.4	10.5
Plus: Net government transactions <sup>3</sup> . . . . .	-2.8	2.9	3.1	2.7	6.9	1.1	0.2	0.2	0.2	4.8	13.1
Direct Government payments . . . . .	1.3	7.7	9.3	9.2	13.4	7.9	7.3	7.3	7.5	12.2	20.6
Property taxes . . . . .	3.9	4.5	5.9	6.1	6.2	6.4	6.6	6.7	6.8	6.9	7.1
<b>Equals: Gross value added</b> . . . . .	<b>68.2</b>	<b>82.9</b>	<b>98.9</b>	<b>100.5</b>	<b>97.5</b>	<b>104.3</b>	<b>93.9</b>	<b>115.4</b>	<b>110.1</b>	<b>107.3</b>	<b>107.2</b>
Less: Capital consumption . . . . .	21.5	19.4	18.1	18.3	18.3	18.7	19.2	19.4	19.6	19.7	19.9
<b>Equals: Net value added</b> . . . . .	<b>46.7</b>	<b>63.5</b>	<b>80.8</b>	<b>82.2</b>	<b>79.2</b>	<b>85.6</b>	<b>74.7</b>	<b>96.0</b>	<b>90.6</b>	<b>87.5</b>	<b>87.3</b>
Less: Employee compensation . . . . .	8.3	8.5	12.5	12.3	13.2	13.5	14.3	15.2	16.0	16.9	17.5
Less: Net rent received by nonoperator landlords . . . . .	6.1	7.7	10.2	11.2	10.9	11.8	10.9	12.9	12.8	12.7	12.9
Less: Real estate and nonreal estate interest . . . . .	16.3	18.6	13.4	11.0	10.7	11.6	12.6	13.0	13.1	13.4	13.6
<b>Equals: Net farm income</b> . . . . .	<b>16.1</b>	<b>28.6</b>	<b>44.6</b>	<b>47.7</b>	<b>44.3</b>	<b>48.8</b>	<b>36.9</b>	<b>54.9</b>	<b>48.6</b>	<b>44.6</b>	<b>43.4</b>

<sup>1</sup> Includes home consumption and value of inventory adjustment. <sup>2</sup> Includes other outlays not shown separately. <sup>3</sup> Direct Government payments minus motor vehicle registration and licensing fees and property taxes.

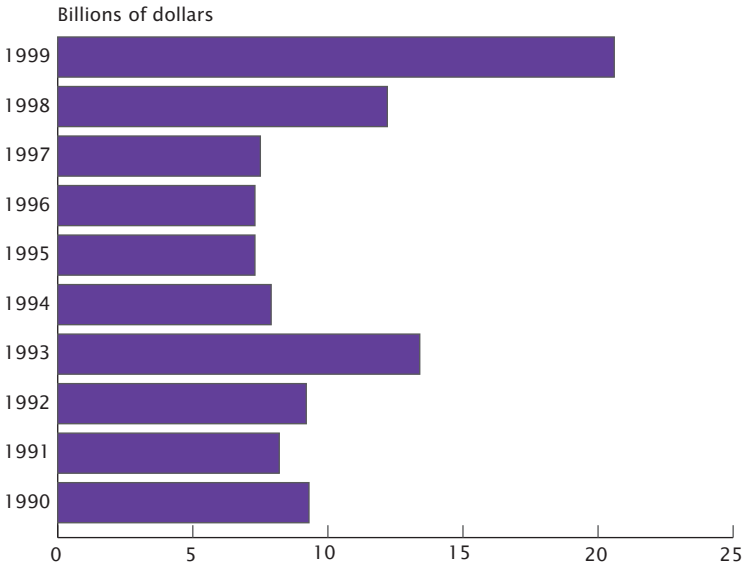
Source: U.S. Dept. of Agriculture, Economic Research Service, "United States and State Farm Income Data"; published 25 September 2000; <<http://www.ers.usda.gov/Data/farmincome/finfidmu.htm>>.

Figure 17.1  
**Changes in Farm Income Measures in the 1990s**



Source: Chart prepared by U.S. Census Bureau. For data, see Table 807.

Figure 17.2  
**Direct Government Payments to Agriculture: 1990 to 1999**



Source: Chart prepared by U.S. Census Bureau. For data, see Table 807.



## No. 808. Farm Income—Cash Receipts From Farm Marketings: 1995 to 1999

[In millions of dollars (187,962 represents \$187,962,000,000). Represents gross receipts from commercial market sales as well as net Commodity Credit Corporation loans. The source estimates and publishes individual cash receipt values only for major commodities and major producing states. The U.S. receipts for individual commodities, computed as the sum of the reported states, may understate the value of sales for some commodities. The degree of underestimation in some of the minor commodities can be substantial.]

Commodity	1995	1997	1998	1999	Commodity	1995	1997	1998	1999
<b>Total</b> . . . . .	<b>187,962</b>	<b>207,596</b>	<b>196,575</b>	<b>188,610</b>	Vegetables <sup>1</sup> . . . . .	14,979	14,653	15,145	15,164
Livestock and products <sup>1</sup> . . . . .	87,113	96,463	94,112	95,463	Beans, dry . . . . .	567	530	595	574
Cattle and calves . . . . .	34,044	36,000	33,415	36,522	Potatoes . . . . .	2,481	2,226	2,368	2,698
Hogs . . . . .	10,255	13,054	9,444	8,623	Carrots . . . . .	545	536	483	682
Dairy products . . . . .	19,880	20,940	24,114	23,204	Corn, sweet . . . . .	647	671	693	695
Broilers . . . . .	11,762	14,159	15,145	15,129	Lettuce . . . . .	2,004	1,696	1,560	1,384
Chicken eggs . . . . .	3,893	4,540	4,439	4,323	Onions . . . . .	706	751	826	672
Turkeys . . . . .	2,769	2,881	2,678	2,835	Tomatoes . . . . .	1,584	1,646	1,764	1,834
Horses/mules . . . . .	662	1,799	1,914	938	Fresh . . . . .	871	1,041	1,150	921
Aquaculture <sup>2</sup> . . . . .	797	707	781	(D)	Processing . . . . .	713	605	614	913
Crops <sup>1</sup> . . . . .	100,849	111,134	102,463	93,146	Fruits/nuts <sup>1</sup> . . . . .	11,097	13,134	12,238	12,975
Rice . . . . .	1,282	1,683	1,738	1,578	Oranges . . . . .	1,749	1,888	2,376	2,358
Wheat . . . . .	9,054	8,710	7,128	5,690	Apples . . . . .	1,579	1,540	1,424	1,414
Corn . . . . .	18,893	19,986	17,229	14,931	Grapes <sup>3</sup> . . . . .	1,860	2,876	2,560	2,732
Hay . . . . .	3,288	4,585	3,799	3,351	Wine . . . . .	965	1,757	1,492	1,556
Sorghum grain . . . . .	1,377	1,552	950	846	Raisins . . . . .	528	748	745	763
Cotton . . . . .	6,851	6,345	6,101	4,696	Strawberries . . . . .	812	904	1,003	1,119
Tobacco . . . . .	2,548	2,874	2,803	2,273	Almonds . . . . .	881	1,161	704	693
Peanuts . . . . .	1,014	1,003	1,126	972	Sugarbeets . . . . .	1,071	1,160	1,181	1,218
Soybeans . . . . .	13,868	18,116	15,671	11,922	Cane for sugar . . . . .	907	890	1,061	960
					Forest products <sup>4</sup> . . . . .	2,814	2,778	2,990	2,946
					Greenhouse/nursery . . . . .	10,336	11,879	12,041	12,239
					Mushrooms . . . . .	758	783	810	832

D Data withheld to avoid disclosure. <sup>1</sup> Includes other commodities not shown separately. <sup>2</sup> See also Table 861. <sup>3</sup> Includes table grapes not shown separately. <sup>4</sup> Timber, pulp, etc.

## No. 809. Cash Receipts for Selected Commodities—Leading States: 1999

[36,522 represents \$36,522,000,000. See headnote, Table 808.]

State	Value of receipts (mil. dol.)	Percent of total receipts	Rank	State	Value of receipts (mil. dol.)	Percent of total receipts	Rank
Cattle and calves . . . . .	36,522	100.0	(X)	Vegetables . . . . .	15,164	100.0	(X)
Texas . . . . .	6,124	16.8	1	California . . . . .	6,192	40.8	1
Nebraska . . . . .	4,583	12.5	2	Florida . . . . .	1,397	9.2	2
Kansas . . . . .	4,521	12.4	3	Washington . . . . .	836	5.5	3
Colorado . . . . .	2,320	6.4	4	Idaho . . . . .	754	5.0	4
Oklahoma . . . . .	2,128	5.8	5	Arizona . . . . .	608	4.0	5
Dairy products . . . . .	23,204	100.0	(X)	Broilers . . . . .	15,129	100.0	(X)
California . . . . .	4,090	17.6	1	Georgia . . . . .	2,293	15.2	1
Wisconsin . . . . .	3,160	13.6	2	Arkansas . . . . .	2,169	14.3	2
New York . . . . .	1,737	7.5	3	Alabama . . . . .	1,882	12.4	3
Pennsylvania . . . . .	1,706	7.4	4	North Carolina . . . . .	1,430	9.5	4
Minnesota . . . . .	1,311	5.7	5	Mississippi . . . . .	1,323	8.7	5

X Not applicable.

## No. 810. Balance Sheet of the Farming Sector: 1980 to 1999

[In billions of dollars, except as indicated (983 represents \$983,000,000,000). As of December 31]

Item	1980	1985	1990	1992	1993	1994	1995	1996	1997	1998	1999
<b>Assets</b> . . . . .	<b>983</b>	<b>773</b>	<b>841</b>	<b>868</b>	<b>910</b>	<b>936</b>	<b>968</b>	<b>1,005</b>	<b>1,053</b>	<b>1,086</b>	<b>1,117</b>
Real estate . . . . . <sup>1</sup>	783	586	619	641	678	704	740	770	808	842	870
Livestock and poultry . . . . .	61	46	71	71	73	68	58	60	67	63	71
Machinery, motor vehicles <sup>2</sup> . . . . .	80	83	86	85	86	88	89	90	90	90	89
Crops <sup>3</sup> . . . . .	33	23	23	24	23	23	27	32	33	30	27
Purchased inputs . . . . .	(NA)	1	3	4	4	5	3	4	5	5	4
Financial assets . . . . .	27	33	38	43	46	48	49	49	50	55	56
Claims . . . . .	983	773	841	868	910	936	968	1,005	1,053	1,086	1,117
Debt . . . . .	167	178	138	139	142	147	151	156	165	173	176
Real estate debt . . . . .	90	100	75	75	76	78	79	82	85	90	94
Nonreal estate debt <sup>4</sup> . . . . .	77	78	63	64	66	69	71	74	80	83	82
Equity . . . . .	816	595	703	729	768	789	817	849	888	913	940
Farm debt/equity ratio (percent) . . . . .	20.4	29.8	19.6	19.1	18.5	18.6	18.5	18.4	18.6	18.9	18.8
Farm debt/asset ratio (percent) . . . . .	17.0	23.0	16.4	16.0	15.6	15.7	15.6	15.5	15.7	15.9	15.8

NA Not available. <sup>1</sup> Excludes horses, mules, and broilers. <sup>2</sup> Include only farm share value for trucks and autos. <sup>3</sup> All non-CCC crops held on farms plus the value above loan rate for crops held under Commodity Credit Corporation. <sup>4</sup> Excludes debt for nonfarm purposes.

Source of Tables 808-810: U.S. Dept. of Agriculture, Economic Research Service, "United States and State Farm Income Data"; published 25 September 2000; <<http://www.ers.usda.gov/Data/farmincome/fnidmu.htm>>; and "Farm Business Balance Sheet and Financial Ratios"; published 20 October 2000; <<http://www.ers.usda.gov/Data/FarmBalanceSheet/fbsdsmu.htm>>.

## No. 811. Farm Assets, Debt, and Income by State: 1998 and 1999

[Assets and debt, as of December 31 (1,085,525 represents \$1,085,525,000,000). Farm income data are after inventory adjustment and include income and expenses related to the farm operator's dwelling]

State	Assets (mil. dol.)		Debt (mil. dol.)		Debt/asset ratio (percent)		Final agricultural sector output (mil. dol.)		Net farm income (mil. dol.)	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
<b>United States . . .</b>	<b>1,085,525</b>	<b>1,116,604</b>	<b>172,862</b>	<b>176,431</b>	<b>15.9</b>	<b>15.8</b>	<b>221,007</b>	<b>214,927</b>	<b>44,623</b>	<b>43,398</b>
Alabama . . . . .	14,867	16,033	1,887	2,008	12.7	12.5	4,038	4,285	1,210	1,450
Alaska . . . . .	633	637	21	22	3.3	3.5	49	53	16	20
Arizona . . . . .	29,198	31,127	1,398	1,450	4.8	4.7	2,473	2,520	667	708
Arkansas . . . . .	21,235	21,867	4,196	4,315	19.8	19.7	5,903	5,995	1,568	1,831
California . . . . .	82,096	84,603	16,522	17,173	20.1	20.3	26,110	26,670	5,779	4,986
Colorado . . . . .	22,878	23,472	3,630	3,683	15.9	15.7	4,921	5,008	823	923
Connecticut . . . . .	2,200	2,283	252	268	11.5	11.7	540	541	117	139
Delaware . . . . .	1,695	1,728	367	375	21.7	21.7	877	839	126	121
Florida . . . . .	25,718	27,227	4,518	4,760	17.6	17.5	7,158	7,293	2,382	2,815
Georgia . . . . .	20,192	21,750	3,503	3,551	17.4	16.3	6,143	6,150	1,941	2,099
Hawaii . . . . .	3,766	3,644	265	258	7.0	7.1	546	567	65	63
Idaho . . . . .	14,988	15,838	2,986	3,001	19.9	19.0	3,719	3,733	857	874
Illinois . . . . .	69,141	68,153	9,346	9,499	13.5	13.9	8,766	7,457	1,462	1,007
Indiana . . . . .	36,652	36,262	5,579	5,728	15.2	15.8	5,611	4,894	811	421
Iowa . . . . .	69,460	69,544	12,663	13,035	18.2	18.7	12,153	10,812	2,242	1,450
Kansas . . . . .	33,937	35,086	6,918	7,054	20.4	20.1	8,688	8,565	1,485	1,548
Kentucky . . . . .	22,591	23,329	3,371	3,471	14.9	14.9	4,299	3,917	1,155	847
Louisiana . . . . .	11,311	11,798	1,723	1,760	15.2	14.9	2,064	2,158	352	565
Maine . . . . .	1,823	1,747	371	370	20.3	21.2	565	568	76	98
Maryland . . . . .	6,994	7,300	1,078	1,088	15.4	14.9	1,764	1,751	307	337
Massachusetts . . . . .	3,034	3,219	357	375	11.8	11.7	478	461	57	65
Michigan . . . . .	20,742	22,815	3,121	3,130	15.1	13.7	3,929	4,020	357	659
Minnesota . . . . .	43,097	44,464	9,239	9,066	21.4	20.4	8,971	8,010	1,499	1,257
Mississippi . . . . .	14,143	15,071	2,688	2,820	19.0	18.7	3,813	3,738	932	949
Missouri . . . . .	38,194	39,915	6,086	6,155	15.9	15.4	5,464	4,902	774	405
Montana . . . . .	20,169	20,653	2,718	2,755	13.5	13.3	2,058	2,064	357	482
Nebraska . . . . .	39,763	41,093	8,941	9,143	22.5	22.3	9,827	9,429	1,833	1,651
Nevada . . . . .	3,002	3,194	258	266	8.6	8.3	393	399	61	65
New Hampshire . . . . .	938	955	94	104	10.1	10.9	181	181	16	25
New Jersey . . . . .	5,705	5,748	477	495	8.4	8.6	887	852	132	127
New Mexico . . . . .	11,285	11,504	1,351	1,402	12.0	12.2	2,093	2,129	575	640
New York . . . . .	13,050	11,985	2,419	2,455	18.5	20.5	3,388	3,430	422	587
North Carolina . . . . .	22,196	23,551	3,678	3,675	16.6	15.6	9,097	8,713	2,266	1,966
North Dakota . . . . .	22,531	22,420	4,070	4,008	18.1	17.9	3,664	2,921	786	452
Ohio . . . . .	34,797	34,203	4,131	4,249	11.9	12.4	5,798	5,130	1,280	803
Oklahoma . . . . .	24,608	25,449	4,392	4,406	17.9	17.3	4,267	4,633	818	1,150
Oregon . . . . .	17,847	18,201	2,540	2,579	14.2	14.2	3,627	3,652	494	323
Pennsylvania . . . . .	21,282	21,951	2,710	2,759	12.7	12.6	4,670	4,479	665	627
Rhode Island . . . . .	407	363	39	39	9.5	10.9	58	56	10	12
South Carolina . . . . .	8,486	8,350	974	988	11.5	11.8	1,660	1,659	324	422
South Dakota . . . . .	21,728	23,125	4,143	4,182	19.1	18.1	4,264	3,974	1,233	1,190
Tennessee . . . . .	24,155	25,751	2,517	2,595	10.4	10.1	2,682	2,454	299	141
Texas . . . . .	90,014	93,063	11,417	11,743	12.7	12.6	14,642	15,785	3,081	4,650
Utah . . . . .	10,111	10,621	787	787	7.8	7.4	1,139	1,185	243	280
Vermont . . . . .	2,507	2,563	385	382	15.4	14.9	594	600	120	141
Virginia . . . . .	19,003	19,818	1,995	2,092	10.5	10.6	2,786	2,688	487	396
Washington . . . . .	20,483	19,790	3,468	3,491	16.9	17.6	5,951	5,635	1,040	519
West Virginia . . . . .	4,006	3,955	409	416	10.2	10.5	520	498	30	13
Wisconsin . . . . .	28,075	29,923	5,817	5,931	20.7	19.8	6,744	6,385	876	879
Wyoming . . . . .	8,775	9,446	1,051	1,076	12.0	11.4	933	1,041	74	173

Source: U.S. Dept. of Agriculture, Economic Research Service, "United States and State Farm Income Data"; published 25 September 2000; <<http://www.ers.usda.gov/Data/farmincome/finfidmu.htm>>; and "Farm Business Balance Sheet and Financial Ratios"; published 20 October 2000; <<http://www.ers.usda.gov/Data/FarmBalanceSheet/fbsdmu.htm>>.

## No. 812. Farm Income—Farm Marketings, 1998 and 1999, and Principal Commodities, 1999 by State

[In millions of dollars (196,575 represents \$196,575,000,000). Cattle include calves and greenhouse includes nursery]

State	1998			1999			State rank for total farm marketings and four principal commodities in order of marketing receipts
	Total	Crops	Live-stock and products	Total	Crops	Live-stock and products	
<b>U.S. . . .</b>	<b>196,575</b>	<b>102,463</b>	<b>94,112</b>	<b>188,610</b>	<b>93,146</b>	<b>95,463</b>	<b>Cattle, dairy products, broilers, corn</b>
AL . . . . .	3,296	709	2,587	3,438	662	2,777	23-Broilers, cattle, chicken eggs, greenhouse
AK . . . . .	44	18	27	48	19	29	50-Greenhouse, dairy products, potatoes, hay
AZ . . . . .	2,331	1,410	921	2,178	1,191	987	30-Cattle, dairy products, lettuce, cotton
AR . . . . .	5,423	2,141	3,283	5,259	1,863	3,397	11-Broilers, rice, soybeans, cotton
CA . . . . .	24,671	18,145	6,526	24,801	18,087	6,714	1-Dairy products, grapes, greenhouse, cattle
CO . . . . .	4,371	1,529	2,842	4,354	1,338	3,016	16-Cattle, corn, dairy products, wheat
CT . . . . .	482	298	184	482	302	180	44-Greenhouse, dairy products, chicken eggs, aquaculture
DE . . . . .	776	167	609	718	153	566	40-Broilers, greenhouse, soybeans, dairy products
FL . . . . .	6,963	5,573	1,390	7,066	5,702	1,363	6-Oranges, greenhouse, sugar cane, dairy products
GA . . . . .	5,418	2,017	3,400	5,241	1,907	3,334	12-Broilers, cotton, peanuts, chicken eggs
HI . . . . .	514	423	90	533	447	86	42-Pineapples, sugar, greenhouse, macadamia nuts
ID . . . . .	3,327	1,742	1,585	3,347	1,744	1,603	24-Dairy products, cattle, potatoes, wheat
IL . . . . .	8,022	6,448	1,574	6,757	5,233	1,524	6-Corn, soybeans, hogs, cattle
IN . . . . .	4,531	2,899	1,632	4,373	2,792	1,581	15-Corn, soybeans, hogs, dairy products
IA . . . . .	11,053	6,300	4,753	9,716	5,004	4,712	3-Corn, hogs, soybeans, cattle
KS . . . . .	7,946	3,408	4,539	7,616	2,607	5,009	5-Cattle, wheat, corn, sorghum grain
KY . . . . .	3,773	1,603	2,171	3,456	1,298	2,158	22-Horses/mules, tobacco, cattle, broilers
LA . . . . .	1,868	1,236	631	1,848	1,228	620	33-Sugar, cotton, rice, cattle
ME . . . . .	510	215	295	515	229	286	43-Potatoes, dairy products, chicken eggs, aquaculture
MD . . . . .	1,513	571	942	1,481	544	937	35-Broilers, greenhouse, dairy products, cattle
MA . . . . .	422	314	108	396	295	101	45-Greenhouse, dairy products, cranberries, sweet corn
MI . . . . .	3,506	2,186	1,320	3,470	2,139	1,331	21-Dairy products, greenhouse, soybeans, corn
IL . . . . .	7,875	4,102	3,773	7,061	3,513	3,548	7-Dairy products, soybeans, corn, hogs
MS . . . . .	3,436	1,271	2,164	3,174	1,031	2,143	25-Broilers, cotton, aquaculture, soybeans
MO . . . . .	4,754	2,285	2,469	4,256	1,779	2,477	17-Cattle, soybeans, hogs, corn
MT . . . . .	1,808	924	883	1,716	789	928	34-Cattle, wheat, barley, hay
NE . . . . .	9,030	3,906	5,124	8,555	3,130	5,425	4-Cattle, corn, soybeans, hogs
NV . . . . .	348	149	199	334	118	216	47-Cattle, dairy products, hay, greenhouse
NH . . . . .	155	86	69	153	90	63	48-Greenhouse, dairy products, apples, cattle
NJ . . . . .	787	609	178	740	554	187	39-Greenhouse, horses/mules, dairy products, blueberries
NM . . . . .	1,941	521	1,420	1,953	513	1,441	32-Cattle, dairy products, hay, pecans
NY . . . . .	3,146	1,055	2,092	3,097	1,054	2,043	26-Dairy products, greenhouse, cattle, apples
NC . . . . .	7,190	3,233	3,956	6,688	2,838	3,850	9-Broilers, hogs, greenhouse, tobacco
ND . . . . .	2,913	2,359	555	2,759	2,112	647	28-Wheat, cattle, sunflower, soybeans
OH . . . . .	4,918	3,064	1,854	4,429	2,643	1,786	14-Soybeans, corn, dairy products, greenhouse
OK . . . . .	3,765	962	2,803	3,991	855	3,135	19-Cattle, broilers, wheat, hogs
OR . . . . .	2,961	2,199	762	3,052	2,262	790	27-Greenhouse, cattle, dairy products, ryegrass
PA . . . . .	4,161	1,252	2,909	4,070	1,193	2,877	18-Dairy products, cattle, greenhouse, chicken eggs
RI . . . . .	49	40	9	48	39	8	49-Greenhouse, dairy products, sweet corn, potatoes
SC . . . . .	1,497	733	764	1,406	633	773	36-Broilers, greenhouse, turkeys, tobacco
SD . . . . .	3,404	1,855	1,549	3,539	1,709	1,830	20-Cattle, soybeans, corn, wheat
TX . . . . .	2,205	1,166	1,039	1,974	963	1,011	31-Cattle, broilers, dairy products, tobacco
TN . . . . .	13,154	5,005	8,149	13,052	4,572	8,480	2-Cattle, cotton, greenhouse, broilers
UT . . . . .	984	261	723	967	243	724	37-Cattle, dairy products, hay, greenhouse
VT . . . . .	534	71	463	541	66	473	41-Dairy products, cattle, greenhouse, hay
VA . . . . .	2,332	766	1,565	2,283	704	1,580	29-Broilers, cattle, dairy products, turkeys
WA . . . . .	5,156	3,413	1,743	4,933	3,275	1,658	13-Dairy products, apples, cattle, potatoes
WV . . . . .	396	61	335	387	53	334	46-Broilers, cattle, dairy products, turkeys
WI . . . . .	6,101	1,610	4,491	5,596	1,447	4,149	10-Dairy products, cattle, corn, potatoes
WY . . . . .	848	168	680	852	172	680	38-Cattle, sugar beets, hay, sheep/lambs

Source: U.S. Dept. of Agriculture, Economic Research Service, "United States and State Farm Income Data"; published 25 September 2000; <<http://www.ers.usda.gov/Data/farmincome/finfidmu.htm>>.

## No. 813. Indexes of Prices Received and Paid by Farmers: 1990 to 2000

[1990-92=100, except as noted]

Item	1990	1995	1999	2000	Item	1990	1995	1999	2000
<b>Prices received, all products . . . . .</b>	<b>104</b>	<b>102</b>	<b>96</b>	<b>97</b>	<b>Prices paid, total <sup>2</sup> . . . . .</b>	<b>99</b>	<b>109</b>	<b>115</b>	<b>119</b>
Crops . . . . .	103	112	96	96	Production . . . . .	99	108	111	116
Food grains . . . . .	100	134	91	84	Feed . . . . .	103	103	101	101
Feed grains and hay . . . . .	105	112	86	88	Livestock & poultry . . . . .	102	82	95	109
Cotton . . . . .	107	127	85	77	Seed . . . . .	102	110	121	123
Tobacco . . . . .	97	103	102	106	Fertilizer . . . . .	97	121	105	109
Oil-bearing crops . . . . .	105	104	83	86	Agricultural chemicals . . . . .	95	116	121	120
Fruits and nuts . . . . .	97	97	115	95	Fuels . . . . .	100	89	93	133
Commercial vegetables <sup>1</sup> . . . . .	102	121	108	114	Supplies & repairs . . . . .	96	112	121	124
Potatoes & dry beans . . . . .	133	107	101	105	Autos and trucks . . . . .	97	115	119	119
All other crops . . . . .	(NA)	(NA)	108	108	Farm machinery . . . . .	96	120	135	137
Livestock and products . . . . .	105	92	95	98	Building materials . . . . .	99	114	120	122
Meat animals . . . . .	105	85	83	95	Farm services . . . . .	96	115	116	118
Dairy products . . . . .	105	98	110	92	Rent . . . . .	(NA)	117	113	113
Poultry and eggs . . . . .	105	107	111	108	Interest . . . . .	107	102	106	110
					Taxes . . . . .	95	109	120	123
					Wage rates . . . . .	96	114	135	138
					Parity ratio (1910-14=100) <sup>3</sup> . . . . .	51	45	40	39

NA Not available. <sup>1</sup> Excludes potatoes and dry beans. <sup>2</sup> Includes production items, interest, taxes, wage rates, and a family living component. The family living component is the Consumer Price Index for all urban consumers from the Bureau of Labor Statistics. See text, Section 14, Prices, and Table 692. <sup>3</sup> Ratio of prices received by farmers to prices paid.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Agricultural Prices: Annual Summary*.

## No. 814. Value of Selected Commodities Produced Under Contracts: 1999

[69,641 represents \$69,641,000,000. Marketing contracts refer to verbal or written agreements between a buyer and a grower that set a price and determine an outlet for a specified quantity of a commodity before harvest or before the farmer markets the commodity. Production contracts involve paying the farmer a fee for providing management, labor, facilities, and equipment, while assuming ownership of the product to the contractor. Survey based estimates (see source) exclude Alaska and Hawaii and do not represent official U.S. Dept. of Agriculture estimates of farm sector activity]

Commodity	Value of production under contract (mil. dol.)	Percent of total production <sup>1</sup>	Commodity	Value of production under contract (mil. dol.)	Percent of total production <sup>1</sup>
<b>Total . . . . .</b>	<b>69,641</b>	<b>240</b>	Sugar beets . . . . .	1,048	88
Marketing contracts <sup>3</sup> . . . . .	35,019	220	Vegetables . . . . .	2,007	420
Cattle . . . . .	41,695	45	Production contracts <sup>3</sup> . . . . .	34,622	220
Corn . . . . .	1,926	13	Poultry and eggs <sup>5</sup> . . . . .	19,354	92
Cotton . . . . .	1,746	37	Cattle . . . . .	46,730	420
Fruits . . . . .	6,624	64	Hogs . . . . .	5,179	53
Hogs . . . . .	41,136	412	Vegetables . . . . .	1,534	415
Soybeans . . . . .	891	8			

<sup>1</sup> Represents percent of production under contract as percent of total commodity production, except as noted. <sup>2</sup> Percent of total value of agricultural production. <sup>3</sup> Includes other commodities not shown separately. <sup>4</sup> Data have relative standard error between 25 and 49 percent. <sup>5</sup> Data not available to estimate value of production for broilers.

Source: U.S. Dept. of Agriculture, Economic Research Service, data from Agricultural Resource Management Study, Phase 3.

## No. 815. Civilian Consumer Expenditures for Farm Foods: 1980 to 1999

[In billions of dollars, except percent (264.4 represents \$264,400,000,000). Excludes imported and nonfarm foods, such as coffee and seafood, as well as food consumed by the military, or exported]

Item	1980	1985	1990	1992	1993	1994	1995	1996	1997	1998	1999
<b>Consumer expenditures, total . . . . .</b>	<b>264.4</b>	<b>345.4</b>	<b>449.8</b>	<b>474.5</b>	<b>489.2</b>	<b>512.2</b>	<b>529.5</b>	<b>546.7</b>	<b>566.5</b>	<b>585.0</b>	<b>618.4</b>
Farm value, total . . . . .	81.7	86.4	106.2	105.1	109.6	109.6	113.8	122.2	121.9	119.6	120.5
Marketing bill, total <sup>1</sup> . . . . .	182.7	259.0	343.6	369.4	379.6	402.6	415.7	424.5	444.6	465.4	497.9
Percent of total consumer expenditures . . . . .	69.1	75.0	76.4	77.9	77.6	78.6	78.5	77.6	78.5	79.6	80.5
At-home expenditures <sup>2</sup> . . . . .	180.1	220.8	276.2	289.6	294.9	308.7	316.9	328.0	339.2	346.8	365.0
Farm value . . . . .	65.9	66.6	80.2	76.9	76.4	75.3	76.1	81.6	79.0	77.0	77.6
Marketing bill . . . . .	114.2	154.2	196.0	212.7	218.5	233.4	240.8	246.4	260.2	269.8	287.4
Away-from-home expenditures . . . . .	84.3	124.6	173.6	184.9	194.3	203.5	212.6	218.7	227.3	238.2	253.4
Farm value . . . . .	15.8	19.8	26.0	28.2	33.2	34.3	37.7	40.6	42.9	42.6	42.9
Marketing bill . . . . .	68.5	104.8	147.6	156.7	161.1	169.2	174.9	178.1	184.4	195.6	210.5
Marketing bill cost components:											
Labor cost . . . . .	81.5	115.6	154.0	168.4	178.0	186.1	196.6	204.6	216.9	229.9	240.1
Packaging materials . . . . .	21.0	26.9	36.5	40.1	40.9	43.3	48.2	47.7	48.7	50.4	50.9
Rail and truck transport . . . . .	13.0	16.5	19.8	20.6	21.2	21.8	22.3	22.9	23.6	24.4	25.2
Corporate profits before taxes . . . . .	9.9	10.4	13.2	15.7	18.1	20.9	19.5	20.7	22.3	23.3	26.2
Fuels and electricity . . . . .	9.0	13.1	15.2	16.7	17.2	17.9	18.6	19.6	20.2	20.7	21.8
Advertising . . . . .	7.3	12.5	17.1	18.0	18.6	19.3	19.8	20.9	22.1	22.6	23.8
Depreciation . . . . .	7.8	15.4	16.3	16.2	17.2	18.1	18.9	20.1	21.0	21.5	22.6
Net interest . . . . .	3.4	6.1	13.5	10.9	10.1	11.0	11.6	11.4	12.5	13.5	15.2
Net rent . . . . .	6.8	9.3	13.9	17.2	17.9	18.9	19.8	21.0	21.8	22.6	23.9
Repairs . . . . .	3.6	4.8	6.2	6.6	7.2	7.8	7.9	8.5	8.8	9.0	9.5
Taxes . . . . .	8.3	11.7	15.7	17.5	18.2	18.7	19.1	19.4	19.8	20.4	21.5
Other . . . . .	11.0	16.7	22.2	21.5	15.0	18.8	13.4	7.7	6.9	7.1	17.2

<sup>1</sup> The difference between expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. <sup>2</sup> Food primarily purchased from retail food stores for use at home.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review*, annual; *Food Review*, periodic; and *Agricultural Statistics*, annual.

## No. 816. Indexes of Farm Production, Input Use, and Productivity: 1980 to 1996

[1992=100]

Item	1980	1985	1988	1989	1990	1991	1992	1993	1994	1995	1996
<b>Farm output</b> <sup>1</sup>	<b>79</b>	<b>89</b>	<b>82</b>	<b>89</b>	<b>94</b>	<b>94</b>	<b>100</b>	<b>94</b>	<b>107</b>	<b>101</b>	<b>106</b>
Livestock and products <sup>2</sup>	85	89	94	94	95	98	100	101	107	110	109
Meat animals	98	94	97	97	96	99	100	100	103	104	100
Dairy products	85	94	96	95	98	98	100	99	114	115	115
Poultry and eggs	64	71	83	86	92	96	100	104	109	114	119
Crops <sup>2</sup>	75	89	75	86	92	92	100	89	106	96	103
Feed crops	76	100	62	85	88	86	100	76	102	83	98
Food grains	94	95	76	83	107	82	100	96	97	90	93
Oil crops	81	96	72	88	87	94	100	85	115	99	107
Cotton and cottonseed	68	82	96	75	96	109	100	100	122	110	117
Tobacco	102	87	78	80	94	96	100	94	85	93	80
Vegetables and melons	70	82	81	85	93	97	100	97	113	108	112
Fruits and nuts	90	86	102	98	97	96	100	107	111	102	102
Other crops	57	69	86	89	94	97	100	99	105	110	110
<b>Farm input</b> <sup>3</sup>	<b>119</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>101</b>	<b>102</b>	<b>100</b>	<b>101</b>	<b>104</b>	<b>105</b>	<b>102</b>
Farm labor	123	108	103	104	102	106	100	96	96	92	100
Farm real estate	113	107	99	101	100	100	100	98	100	99	101
Durable equipment	166	139	113	108	105	103	100	97	94	92	89
Energy	121	98	102	101	100	101	100	100	103	109	104
Agricultural chemicals <sup>4</sup>	119	97	91	94	95	100	100	105	106	90	97
Other purchased inputs <sup>5</sup>	117	99	99	103	103	104	100	110	117	121	116
<b>Farm output per unit of input</b>	<b>66</b>	<b>84</b>	<b>83</b>	<b>90</b>	<b>93</b>	<b>92</b>	<b>100</b>	<b>94</b>	<b>103</b>	<b>97</b>	<b>104</b>

<sup>1</sup> Annual production available for eventual human use. <sup>2</sup> Includes items not shown separately. <sup>3</sup> Based on physical quantities of resources used in production. <sup>4</sup> Includes fertilizer, lime, and pesticides. <sup>5</sup> Includes purchased services and miscellaneous inputs.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Outlook*, monthly. Also published in the U.S. Council of Economic Advisors, *Economic Report of the President*, annual.

## No. 817. Agricultural Exports and Imports—Volume by Principal Commodities: 1990 to 2000

[In thousands of metric tons (2,707 represents 2,707,000)]

Exports	1990 1995 1999 2000				Imports	1990 1995 1999 2000			
	Animal products <sup>1</sup>	2,707	5,606	6,330		6,634	Fruits, nuts, vegetables	4,696	6,213
Wheat and products <sup>2</sup>	28,247	33,458	29,367	28,453	Bananas	3,094	3,664	4,295	4,031
Feed grains and products	61,526	67,403	58,932	55,716	Green coffee	1,174	953	1,234	1,297
Rice	2,534	3,275	2,938	3,147	Cocoa and products	716	620	924	999
Feeds and fodders	10,974	13,338	11,945	13,491	Red meat and poultry meat <sup>5</sup>	1,169	1,050	1,445	1,579
Protein meal	5,079	6,404	6,843	6,438	Vegetable oils	1,204	1,509	1,645	1,845
Oilseeds and products <sup>3</sup>	15,820	23,596	24,147	27,938	Rubber, crude natural	840	1,044	1,144	1,232
Vegetable oils	1,226	2,532	2,455	2,040	Sugar	1,858	1,599	1,612	1,464
Fruits, nuts, vegetables <sup>4</sup>	5,553	6,918	6,846	7,580	Spices	129	155	211	212
Cotton and linters	1,733	2,118	754	1,552	Tobacco, unmanufactured	173	190	222	216
Tobacco, unmanufactured	223	209	189	183					

<sup>1</sup> Includes meat and products, poultry meats, dairy products, and fats, oils and greases. Excludes live animals, hides, skins, and eggs. <sup>2</sup> Includes flour and bulgur. <sup>3</sup> Includes soybeans, sunflowerseeds, peanuts, cottonseed, safflowerseed, flaxseed, and nondefatted soybean flour. <sup>4</sup> Excludes fruit juices. <sup>5</sup> Excludes horsemeat.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, March 12, 2001; and *Foreign Agricultural Trade of the United States*, calendar year supplements.

## No. 818. Agricultural Exports and Imports—Value: 1980 to 2000

[In billions of dollars, except percent (23.9 represents \$23,900,000,000)]. Includes Puerto Rico. Excludes forest products and distilled liquors; includes crude rubber and similar gums (now mainly plantation products). Includes shipments under foreign aid programs]

Year	Exports, domestic products			Year	Exports, domestic products		
	Trade balance	Percent of all exports	Imports for consumption		Trade balance	Percent of all exports	Imports for consumption
1980	23.9	41.2	18	1985	26.1	56.3	10
1985	9.1	29.0	13	1990	26.9	60.4	10
1990	16.6	39.5	11	1995	21.1	57.2	9
1992	18.4	43.2	10	1998	14.9	51.8	8
1993	17.8	42.9	10	1999	10.8	48.5	7
1994	19.2	46.3	10	2000	12.6	51.6	8

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, February 28, 2001; and *Foreign Agricultural Trade of the United States*, calendar year supplements. Also in *Agricultural Statistics*, annual.

## No. 819. Agricultural Imports—Value by Selected Commodity, 1990 to 2000, and by Leading Countries of Origin, 2000

[In millions of dollars (22,920 represents \$22,920,000,000)]

Commodity	1990	1995	1997	1998	1999	2000	Leading countries of origin, 2000
<b>Total</b> . . . . .	<b>22,920</b>	<b>30,263</b>	<b>36,159</b>	<b>36,908</b>	<b>37,735</b>	<b>38,991</b>	<b>Canada, Mexico, Australia</b>
Competitive products . . . . .	17,346	21,799	26,807	27,925	29,746	31,228	Canada, Mexico, Australia
Cattle, live . . . . .	978	1,413	1,124	1,144	1,000	1,152	Canada, Mexico, Australia
Beef and veal . . . . .	1,872	1,447	1,609	1,842	2,136	2,400	Canada, Australia, New Zealand
Pork . . . . .	938	686	754	682	753	997	Canada, Denmark, Poland
Dairy products . . . . .	891	1,118	1,225	1,465	1,556	1,650	New Zealand, Canada, Italy
Fruits and preparations . . . . .	2,218	2,249	2,847	2,852	3,540	3,469	Mexico, Chile, Costa Rica
Vegetables and preparations . . . . .	2,317	3,189	3,706	4,374	4,583	4,735	Mexico, Canada, Spain
Wine . . . . .	917	1,153	1,711	1,876	2,186	2,209	France, Italy, Australia
Malt beverages . . . . .	923	1,166	1,495	1,712	1,893	2,179	Mexico, Netherlands, Canada
Grains and feeds . . . . .	1,188	2,312	2,963	2,878	2,991	3,091	Canada, Italy, Thailand
Sugar and related products . . . . .	1,213	1,335	1,852	1,682	1,589	1,573	Canada, Mexico, United Kingdom
Oilseeds and products . . . . .	952	1,748	2,127	2,075	1,850	1,855	Canada, Italy, Philippines
Noncompetitive products . . . . .	5,574	8,464	9,353	8,984	7,989	7,763	Indonesia, Colombia, Canada
Coffee and products . . . . .	1,915	3,263	3,886	3,431	2,899	2,701	Mexico, Colombia, Guatemala
Rubber, crude natural . . . . .	707	1,629	1,229	977	704	842	Indonesia, Thailand, Malaysia
Cocoa and products . . . . .	1,072	1,106	1,471	1,666	1,522	1,404	Canada, Cote d'Ivoire, Indonesia
Bananas and plantains . . . . .	939	1,140	1,220	1,202	1,209	1,130	Costa Rica, Ecuador, Colombia

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, February 28, 2001; and *Foreign Agricultural Trade of the United States*, calendar year supplements.

## No. 820. Imports' Share of Food Consumption by Commodity: 1990 to 1999

[In percent. Import share is the total quantity imported divided by the quantity available for domestic human food consumption. Calculated from supply and utilization balance sheets. A portion of the imports of some commodities is exported; therefore, the ratios presented here may overstate the importance of imports in domestic consumption for some commodity groups. Similarly, a portion of the imports of some commodities is diverted to such nonfood uses as feed, seed, alcohol and fuel production, and industrial uses. This too can overstate the importance of imports.]

Commodity	1990	1995	1998	1999	Commodity	1990	1995	1998	1999
Red meat . . . . .	8.1	6.5	7.7	8.2	Grapes . . . . .	37.6	38.8	43.7	45.0
Beef . . . . .	9.8	8.3	10.1	10.7	Fruit juice . . . . .	37.4	28.1	32.4	31.8
Pork . . . . .	5.6	3.8	3.9	4.4	Orange . . . . .	27.9	19.2	24.1	22.9
Fish and shellfish . . . . .	56.3	55.3	64.9	68.1	Apple . . . . .	63.9	53.7	60.2	60.8
Dairy products <sup>1</sup> . . . . .	1.9	1.9	2.4	2.9	Fresh vegetables . . . . .	7.5	9.3	12.0	10.9
Cheese <sup>2</sup> . . . . .	4.8	4.7	4.5	5.3	Cucumbers . . . . .	33.7	38.3	40.2	39.7
Salad and cooking oils <sup>3</sup> . . . . .	7.2	12.0	12.2	12.4	Peppers . . . . .	19.7	19.1	24.8	24.7
Fresh fruits . . . . .	30.6	33.7	36.0	39.6	Tomatoes . . . . .	20.5	30.5	38.6	33.7
Citrus . . . . .	3.4	7.1	8.4	13.4	Wheat <sup>4</sup> . . . . .	4.6	7.7	11.3	10.2
Apples . . . . .	4.7	7.7	6.5	7.3	Rice <sup>5</sup> . . . . .	8.1	12.1	12.6	13.9
Bananas . . . . .	99.8	99.8	99.7	99.7	Cane and beet sugar <sup>6</sup> . . . . .	24.5	12.4	17.6	13.9

<sup>1</sup> Milk equivalent of all dairy products calculated on a milkfat basis. <sup>2</sup> Natural equivalent of cheese and cheese products. Includes all types of cheese except full-skim American and cottage, pot, and baker's cheeses. <sup>3</sup> Olive and canola oil imports. <sup>4</sup> Flour and other wheat products included. Grain equivalent. <sup>5</sup> Rough equivalent. Includes milled rice converted to rough basis at annual extraction rate. <sup>6</sup> Import share is the quantity of imports for domestic consumption (net of re-exports) divided by domestic food consumption.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures*, annual.

## No. 821. Selected Farm Products—United States and World Production and Exports: 1995 to 2000

[In metric tons, except as indicated (59 represents 59,000,000). Metric ton=1.102 short tons or .984 long tons]

Commodity	Unit	Amount						United States as percent of world		
		United States			World			1995	1999	2000
		1995	1999	2000	1995	1999	2000			
<b>PRODUCTION <sup>1</sup></b>										
Wheat . . . . .	Million . . . . .	59	63	61	539	588	580	11.0	10.7	10.5
Corn for grain . . . . .	Million . . . . .	188	240	253	515	606	583	36.5	39.6	43.4
Soybeans . . . . .	Million . . . . .	59	72	75	125	159	170	47.4	45.3	44.1
Rice, milled . . . . .	Million . . . . .	5.6	6.5	6.0	371	408	399	1.5	1.6	1.5
Cotton <sup>2</sup> . . . . .	Million bales <sup>3</sup> . . . . .	19.7	13.9	17.0	85.9	84.9	87.2	23.0	16.4	19.5
<b>EXPORTS <sup>4</sup></b>										
Wheat <sup>5</sup> . . . . .	Million . . . . .	33.7	29.5	30.0	99.5	112.5	106.6	33.9	26.2	28.1
Corn . . . . .	Million . . . . .	52.7	49.4	50.5	64.9	73.2	72.4	81.1	67.5	69.8
Soybeans . . . . .	Million . . . . .	23.1	26.5	26.5	31.9	46.3	48.6	72.4	57.2	54.6
Rice, milled basis . . . . .	Million . . . . .	3.1	2.6	2.8	21.0	24.9	22.9	14.8	10.4	12.2
Cotton <sup>2</sup> . . . . .	Million bales <sup>3</sup> . . . . .	9.4	4.3	6.8	28.4	23.8	27.2	33.0	18.3	24.8

<sup>1</sup> Production years vary by commodity. In most cases, includes harvests from July 1 of the year shown through June 30 of the following year. <sup>2</sup> For production and trade years ending in year shown. <sup>3</sup> Bales of 480 lb. net weight. <sup>4</sup> Trade years may vary by commodity. Wheat, corn and soybean data are for trade year beginning in year shown. Rice data are for calendar year shown. <sup>5</sup> Includes wheat flour on a grain equivalent.

Source: U.S. Dept. of Agriculture, Foreign Agricultural Service, *Foreign Agricultural Commodity Circular Series*, periodic.

## No. 822. Agricultural Exports—Value by Principal Commodities: 1990 to 2000

[In millions of dollars, except percent (39,540 represents \$39,540,000,000). See headnote, Table 818]

Commodity	Value (mil. dol.)							Percent		
	1990	1995	1996	1997	1998	1999	2000	1990	1995	2000
<b>Total agricultural exports</b> <sup>1</sup>	<b>39,540</b>	<b>56,347</b>	<b>60,417</b>	<b>57,217</b>	<b>51,815</b>	<b>48,485</b>	<b>51,580</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Grains and feeds	14,409	18,644	20,863	15,368	14,008	14,001	13,700	36.5	33.0	26.6
Feed grains and products	7,150	8,341	9,575	6,219	5,210	5,745	5,382	18.1	14.8	10.4
Corn	6,026	7,304	8,404	5,180	4,382	4,916	4,475	15.2	13.0	8.7
Wheat and products	4,035	5,734	6,466	4,302	3,905	3,806	3,583	10.2	10.2	6.9
Rice	801	996	1,029	932	1,208	944	835	2.0	1.8	1.6
Oilseeds and products	5,728	8,953	10,823	12,093	9,495	8,172	8,566	14.4	15.8	16.6
Soybeans	3,548	5,400	7,324	7,379	4,835	4,517	5,244	9.0	9.6	10.2
Soybean oilcake and meal	979	986	1,430	1,865	1,604	1,070	1,163	2.5	1.8	2.3
Vegetable oils and waxes	832	1,852	1,406	1,802	2,272	1,628	1,259	2.1	3.2	2.4
Animals and animal products	6,696	10,985	11,195	11,403	10,627	10,441	11,849	16.9	19.6	23.0
Hides and skins, incl. furskins	1,751	1,748	1,675	1,651	1,259	1,141	1,620	4.4	3.1	3.1
Cattle hides	2,369	1,465	1,327	1,337	993	927	1,283	3.5	2.6	2.5
Meats and meat products	2,558	4,522	4,590	4,597	4,371	4,834	5,365	6.5	8.0	10.4
Beef and veal	1,580	2,647	2,429	2,497	2,326	2,731	3,049	4.0	4.7	5.9
Fats, oils, and greases	424	827	593	541	637	507	384	1.1	1.5	0.7
Poultry and poultry products	906	2,345	2,828	2,779	2,540	2,119	2,261	2.3	4.2	4.4
Cotton, excluding linters	2,783	3,681	2,715	2,682	2,545	968	1,883	7.0	6.5	3.7
Tobacco, unmanufactured	1,441	1,400	1,390	1,553	1,459	1,294	1,222	3.6	2.5	2.4
Fruits and preparations	2,379	3,300	3,291	3,451	3,200	3,263	3,455	6.0	5.9	6.0
Fresh fruits	1,486	1,973	1,971	2,100	1,838	1,821	2,077	3.8	3.5	4.7
Vegetables and preparations	2,225	3,637	3,822	4,144	4,222	4,297	4,467	5.6	6.5	8.7
Nuts and preparations	976	1,410	1,626	1,446	1,360	1,184	1,330	2.5	2.5	2.6
Other	2,903	4,337	4,692	5,077	4,899	4,865	5,108	7.3	7.7	9.9

<sup>1</sup> Includes commodities not shown separately.

Source: U.S. Dept. of Agriculture, Economic Research Service, *U.S. Agricultural Trade Update*, March 12, 2001; and *Foreign Agricultural Trade of the United States*, calendar year supplements. Also in *Agricultural Statistics*, annual.

## No. 823. Agricultural Exports—Value by Selected Countries of Destination: 1990 to 2000

[39,540 represents \$39,540,000,000. See headnote, Table 818. Totals include transshipments through Canada, but transshipments are not distributed by country prior to 2000]

Country	Value (mil. dol.)							Percent		
	1990	1995	1996	1997	1998	1999	2000	1990	1995	2000
<b>Total agricultural exports</b> <sup>1</sup>	<b>39,540</b>	<b>56,347</b>	<b>60,417</b>	<b>57,217</b>	<b>51,815</b>	<b>48,485</b>	<b>51,580</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Asia <sup>1</sup>	17,718	28,212	28,547	25,699	20,984	20,299	22,362	44.8	50.1	43.4
Japan	8,146	11,164	11,695	10,525	9,104	8,936	9,324	20.6	19.8	18.1
Korea, South	2,650	3,758	3,871	2,863	2,268	2,460	2,604	6.7	6.7	5.0
Taiwan <sup>2</sup>	1,663	2,604	2,964	2,617	1,802	1,955	2,010	4.2	4.6	3.9
China <sup>2</sup>	818	2,634	2,089	1,614	1,358	862	1,724	2.1	4.7	3.3
Hong Kong	704	1,502	1,489	1,712	1,493	1,209	1,272	1.8	2.7	2.5
Indonesia	274	819	853	773	455	548	671	0.7	1.5	1.3
Philippines	381	767	893	874	722	789	902	1.0	1.4	1.7
Israel	304	485	617	537	365	423	482	0.8	0.9	0.9
Turkey	226	536	637	734	665	485	669	0.6	1.0	1.3
Western Europe <sup>1 3</sup>	7,396	9,065	9,700	9,728	8,267	7,142	6,705	18.7	16.1	13.0
European Union <sup>4</sup>	7,103	8,705	9,320	9,104	7,961	6,603	6,262	18.0	15.4	12.1
Belgium-Luxembourg	386	650	749	678	658	565	550	1.0	1.2	1.1
Netherlands	1,587	2,146	2,218	2,040	1,560	1,613	1,443	4.0	3.8	2.8
Germany	1,170	1,239	1,491	1,357	1,244	969	908	3.0	2.2	1.8
Spain <sup>5</sup>	939	1,270	1,124	1,156	1,047	712	610	2.4	2.3	1.2
United Kingdom	836	1,067	1,232	1,311	1,253	1,083	1,042	2.1	1.9	2.0
Italy	715	721	796	765	705	497	554	1.8	1.3	1.1
Latin America <sup>1</sup>	5,122	8,044	10,480	10,405	11,465	10,074	10,769	13.0	14.3	20.9
Mexico	2,561	3,541	5,445	5,178	6,160	5,634	6,545	6.5	6.3	12.7
Canada	4,225	5,804	6,138	6,784	7,009	7,066	7,650	10.7	10.3	14.8
Russia	(X)	1,046	1,328	1,204	835	730	598	(X)	1.9	1.2
Eastern Europe	537	293	438	284	271	171	170	1.4	0.5	0.3
Africa <sup>1</sup>	1,935	3,074	2,877	2,282	2,119	2,188	2,309	4.9	5.5	4.5
Egypt	692	1,448	1,319	964	914	1,061	1,046	1.8	2.6	2.0

X Not applicable. <sup>1</sup> Includes areas not shown separately. <sup>2</sup> See footnote, Table 1327. <sup>3</sup> Includes Canary Islands and Madeira Islands. <sup>4</sup> Includes France, Denmark, Greece, Ireland, and Portugal. Beginning 1995, also includes Austria, Finland, and Sweden. For consistency, data for all years are shown on same basis. <sup>5</sup> Includes Canary Islands and Spanish Africa, not elsewhere classified.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Foreign Agricultural Trade of the United States*, calendar year supplements. Also in *Agricultural Statistics*, annual.

## No. 824. Cropland Used for Crops and Acreages of Crops Harvested: 1980 to 2000

[In millions of acres, except as indicated (382 represents 382,000,000)]

Item	1980	1985	1990	1994	1995	1996	1997	1998	1999	2000
<b>Cropland used for crops . . . . .</b>	<b>382</b>	<b>372</b>	<b>341</b>	<b>339</b>	<b>332</b>	<b>346</b>	<b>349</b>	<b>345</b>	<b>344</b>	<b>343</b>
Index (1977=100) . . . . .	101	98	90	90	88	92	92	91	91	91
Cropland harvested <sup>1</sup> . . . . .	342	334	310	310	302	314	321	315	316	312
Crop failure . . . . .	10	7	6	7	8	10	7	10	8	10
Cultivated summer fallow . . . . .	30	31	25	22	22	22	21	20	20	21
Cropland idled by all federal programs . . . . .	(NA)	(NA)	62	49	55	34	33	30	30	31
<b>Acres of crops harvested <sup>2</sup> . . . . .</b>	<b>352</b>	<b>342</b>	<b>322</b>	<b>321</b>	<b>314</b>	<b>326</b>	<b>332</b>	<b>326</b>	<b>327</b>	<b>323</b>

NA Not available. <sup>1</sup> Land supporting one or more harvested crops. <sup>2</sup> Area in principal crops harvested as reported by Crop Reporting Board plus acreages in fruits, vegetables for sale, tree nuts, and other minor crops.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Economic Indicators of the Farm Sector: Production and Efficiency Statistics*, annual. Also in *Agricultural Statistics*, annual. Beginning 1994, *Agricultural Resources and Environmental Indicators*, periodic, and *AREI Updates: Cropland Use*, No. 12, annual.

## No. 825. Percent of Corn, Soybean, and Cotton Acreage Planted With Genetically Modified Seed: 2000 and 2001

[In percent. Based on the June Agricultural Survey. Randomly selected farmers across the United States were asked if they planted corn, soybeans, or upland cotton seed that, through biotechnology, is resistant to herbicides, insects, or both. The states published individually below represent 82 percent of all corn planted acres, 90 percent of all soybean planted acres, and 83 percent of all upland cotton planted acres. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). The acreage estimates are subject to sampling variability because all operations planting biotech varieties are not included in the sample]

State	Corn		State	Soybeans		State	Cotton	
	2000	2001		2000	2001		2000	2001
<b>U.S., total . . . . .</b>	<b>25</b>	<b>26</b>	<b>U.S., total . . . . .</b>	<b>54</b>	<b>68</b>	<b>U.S., total . . . . .</b>	<b>61</b>	<b>69</b>
IL . . . . .	17	16	AR . . . . .	43	60	AR . . . . .	70	78
IN . . . . .	11	12	IL . . . . .	44	64	CA . . . . .	24	40
IA . . . . .	30	32	IN . . . . .	63	78	GA . . . . .	82	85
KS . . . . .	33	38	IA . . . . .	59	73	LA . . . . .	80	91
MI . . . . .	12	17	KS . . . . .	66	80	MS . . . . .	78	86
MN . . . . .	37	36	MI . . . . .	50	59	NC . . . . .	76	84
MO . . . . .	28	32	MN . . . . .	46	63	TX . . . . .	46	49
NE . . . . .	34	34	MO . . . . .	48	63	Other states <sup>1</sup> . . . . .	74	84
OH . . . . .	9	11	MS . . . . .	62	69			
SD . . . . .	48	47	NE . . . . .	72	76			
WI . . . . .	18	18	ND . . . . .	22	49			
Other states <sup>1</sup> . . . . .	17	20	OH . . . . .	48	64			
			SD . . . . .	68	80			
			WI . . . . .	51	63			
			Other states <sup>1</sup> . . . . .	54	64			

<sup>1</sup>Includes all other states in the specified commodity estimating program.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Acreage*, June 2001.

## No. 826. Quantity of Pesticides Applied to Selected Crops: 1990 to 1997

[In million pounds of active ingredients, except as indicated]

Type of pesticide and commodity	1990	1991	1992	1993	1994	1995	1996	1997
<b>Total . . . . .</b>	<b>497.7</b>	<b>477.5</b>	<b>518.2</b>	<b>498.2</b>	<b>563.4</b>	<b>543.3</b>	<b>575.8</b>	<b>587.6</b>
Herbicides . . . . .	344.6	335.2	350.5	323.5	350.6	324.9	365.7	366.4
Insecticides . . . . .	57.4	52.8	60.0	58.1	68.2	69.9	59.2	60.5
Fungicides . . . . .	27.8	29.4	34.9	36.6	43.6	47.5	46.8	50.5
Other . . . . .	67.9	60.1	72.7	80.0	101.1	101.0	104.0	110.2
Corn . . . . .	240.7	233.2	245.2	220.5	233.0	201.3	227.7	229.3
Cotton . . . . .	50.9	50.3	57.6	52.3	69.1	83.7	65.6	68.0
Wheat . . . . .	17.8	13.8	19.7	19.1	23.8	21.5	32.9	25.7
Soybeans . . . . .	74.4	70.4	67.8	64.4	69.5	68.7	78.1	84.5
Potatoes . . . . .	43.8	35.6	41.6	50.5	64.2	53.1	49.5	58.5
Other vegetables . . . . .	39.8	40.3	52.8	57.3	68.2	78.0	82.8	80.7
Citrus fruit . . . . .	11.0	13.7	13.5	13.7	13.6	14.0	14.5	15.0
Apples . . . . .	8.3	9.1	8.8	9.3	9.1	9.0	9.7	10.3
Other deciduous fruit . . . . .	10.9	11.1	11.1	11.0	12.9	14.1	14.9	15.9
<b>POUNDS OF ACTIVE INGREDIENT PER PLANTED ACRE</b>								
<b>Total . . . . .</b>	<b>2.2</b>	<b>2.1</b>	<b>2.2</b>	<b>2.2</b>	<b>2.4</b>	<b>2.4</b>	<b>2.4</b>	<b>2.4</b>
Herbicides . . . . .	1.5	1.5	1.5	1.4	1.5	1.4	1.5	1.5
Insecticides . . . . .	0.3	0.2	0.3	0.3	0.3	0.3	0.2	0.2
Fungicides . . . . .	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Other . . . . .	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5

Source: U.S. Dept. of Agriculture, Economic Research Service, *Production Practices for Major Crops in U.S. Agriculture, 1990-97*, Statistical Bulletin No. 969, August 2000.



## No. 827. Principal Crops—Production, Supply, and Disappearance: 1990 to 2000

[74.2 represents 74,200,000. Marketing year beginning May 1 for hay, June 1 for wheat and barley, August 1 for cotton and rice, September 1 for soybeans, sorghum, and corn. Acreage, production, and yield of all crops periodically revised on basis of census data]

Crop and year	Acreage (mil.)		Yield per acre	Production	Farm price <sup>1</sup>	Farm value (mil. dol.)	Disappearance			Ending stocks
	Planted	Harvested					Total supply <sup>2</sup>	Total <sup>3</sup>	Exports	
<b>Corn for grain:</b>			Bu.	Mil. bu.	\$/bu.			Mil. bu.		
1990.....	74.2	67.0	119	7,934	2.28	18,192	9,282	7,761	1,725	1,521
1995.....	71.5	65.2	114	7,400	3.24	24,118	8,974	8,548	2,228	426
1998.....	80.2	72.6	134	9,759	1.94	18,922	11,085	9,298	1,981	1,787
1999.....	77.4	70.5	134	9,431	1.82	17,104	11,232	9,515	1,937	1,718
2000.....	79.5	72.7	137	9,968	1.85	18,621	11,696	9,745	1,950	1,951
<b>Soybeans:</b>			Bu.	Mil. bu.	\$/bu.			Mil. bu.		
1990.....	57.8	56.5	34.1	1,926	5.74	11,042	2,169	1,840	557	329
1995.....	62.5	61.5	35.3	2,174	6.72	14,617	2,516	2,333	851	183
1998.....	72.0	70.4	38.9	2,741	4.93	13,494	2,944	2,596	801	348
1999.....	73.7	72.4	36.6	2,654	4.63	12,205	3,006	2,716	973	290
2000.....	74.5	72.7	38.1	2,770	4.75	13,073	3,063	2,733	975	330
<b>Hay:</b>			Sh. tons	Mil. sh. tons	\$/ton			Mil. sh. tons		
1990.....	(NA)	61.0	2.40	146	<sup>4</sup> \$80.60	10,462	173	146	(NA)	27
1995.....	(NA)	59.8	2.58	154	<sup>4</sup> \$82.20	11,042	175	154	(NA)	21
1998.....	(NA)	60.1	2.53	152	<sup>4</sup> \$84.60	11,607	174	149	(NA)	25
1999.....	(NA)	63.2	2.53	160	<sup>4</sup> \$76.90	11,014	185	156	(NA)	29
2000.....	(NA)	59.9	2.54	152	<sup>4</sup> \$80.00	11,180	181	(NA)	(NA)	(NA)
<b>Wheat:</b>			Bu.	Mil. bu.	\$/bu.			Mil. bu.		
1990.....	77.0	69.1	39.5	2,730	2.61	7,184	3,303	2,435	1,069	868
1995.....	69.0	61.0	35.8	2,183	4.55	9,787	2,757	2,381	1,241	376
1998.....	65.8	59.0	43.2	2,547	2.65	6,781	3,373	2,427	1,042	946
1999.....	62.7	53.8	42.7	2,299	2.48	5,594	3,339	2,390	1,090	950
2000.....	62.5	53.0	41.9	2,223	2.65	5,970	3,263	2,434	1,100	829
<b>Cotton:</b>			Lb.	Mil. bales <sup>6</sup>	cents/lb.			Mil. bales <sup>6</sup>		
1990.....	12.3	11.7	634	715.5	68.2	5,076	18.5	16.5	7.8	82.3
1995.....	16.9	16.0	537	717.9	76.5	6,575	21.0	18.3	7.7	83.9
1998.....	13.4	10.7	625	713.9	61.7	4,120	18.2	14.7	4.3	83.9
1999.....	14.9	13.4	607	717.0	46.8	3,810	21.0	17.0	6.7	83.9
2000.....	15.5	13.1	631	717.2	57.8	4,781	21.2	16.2	6.9	85.0
<b>Potatoes:</b>			Cwt.	Mil. cwt.	\$/cwt.			Mil. cwt.		
1990.....	1.4	1.4	293	402	6.08	2,431	347	<sup>9</sup> 310	<sup>10</sup> 17	20
1995.....	1.4	1.4	323	445	6.77	2,992	424	<sup>9</sup> 365	<sup>10</sup> 37	22
1998.....	1.4	1.4	343	476	5.56	2,635	447	<sup>9</sup> 381	<sup>10</sup> 43	23
1999.....	1.4	1.3	359	478	5.77	2,746	464	<sup>9</sup> 395	<sup>10</sup> 45	24
2000.....	1.4	1.4	382	516	4.95	2,540	460	<sup>9</sup> 394	<sup>10</sup> 44	23
<b>Tobacco:<sup>11</sup></b>			Lb.	Mil. lb.	\$/lb.			Mil. lb.		
1990.....	(NA)	0.7	2,218	1,626	<sup>5</sup> 1.74	2,827	3,969	1,796	631	2,149
1995.....	(NA)	0.7	1,914	1,270	<sup>5</sup> 1.82	2,305	3,588	1,362	534	2,225
1998.....	(NA)	0.7	2,062	1,480	<sup>5</sup> 1.83	2,701	3,730	1,442	537	2,298
1999.....	(NA)	0.6	1,997	1,293	<sup>5</sup> 1.83	2,356	3,593	1,192	424	2,388
2000.....	(NA)	0.5	2,264	1,100	<sup>5</sup> 1.87	2,056	3,507	(NA)	(NA)	(NA)
<b>Rice, rough:</b>			Lb.	Mil. cwt.	\$/cwt.			Mil. cwt.		
1990.....	2.9	2.8	5,529	156	6.68	1,047	187	163	71	25
1995.....	3.1	3.1	5,621	174	9.15	1,587	213	188	82	25
1998.....	3.3	3.3	5,663	184	8.89	1,654	223	201	87	22
1999.....	3.5	3.5	5,866	206	5.93	1,230	238	211	89	28
2000.....	3.1	3.0	6,278	191	5.75	1,073	229	204	83	24
<b>Sorghum for grain:</b>			Bu.	Mil. bu.	\$/bu.			Mil. bu.		
1990.....	10.5	9.1	63.1	573	2.12	1,221	793	651	232	143
1995.....	9.4	8.3	55.6	459	3.19	1,395	530	512	198	18
1998.....	9.6	7.7	67.3	520	1.66	905	569	504	197	65
1999.....	9.3	8.5	69.7	595	1.57	937	660	595	256	65
2000.....	9.2	7.7	60.9	470	1.75	823	535	490	200	45
<b>Barley:</b>			Bu.	Mil. bu.	\$/bu.			Mil. bu.		
1990.....	8.2	7.5	56.1	422	2.14	912	596	461	81	135
1995.....	6.7	6.3	57.2	359	2.89	1,029	513	413	62	100
1998.....	6.3	5.9	60.0	352	1.98	687	501	360	28	142
1999.....	5.2	4.7	59.2	280	2.13	597	450	338	30	111
2000.....	5.8	5.2	61.1	318	2.15	632	454	347	55	107

NA Not available. <sup>1</sup> Except as noted, marketing year average price. U.S. prices are computed by weighting U.S. monthly prices by estimated monthly marketings and do not include an allowance for outstanding loans and government purchases and payments. <sup>2</sup> Comprises production, imports, and beginning stocks. <sup>3</sup> Includes feed, residual, and other domestic uses not shown separately. <sup>4</sup> Prices are for hay sold baled. <sup>5</sup> Season average prices received by farmers. U.S. prices are computed by weighting state prices by estimated sales and include an allowance for outstanding loans and government purchases, if any, for crops under government programs. <sup>6</sup> Bales of 480 pounds, net weight. <sup>7</sup> State production figures, which conform with annual ginning enumeration with allowance for cross-state ginnings, rounded to thousands and added for U.S. totals. <sup>8</sup> Stock estimates based on Census Bureau data which results in an unaccounted difference between supply and use estimates and changes in ending stocks. <sup>9</sup> Covers potatoes used for table use, frozen and canned products, chips, and dehydration. <sup>10</sup> Covers fresh potatoes, chips, frozen and dehydrated products. <sup>11</sup> Flue-cured and cigar wrapper, crop year July-June; all other types October-September. Farm-sales-weight basis.

Source: Production—U.S. Dept. of Agriculture, National Agricultural Statistics Service. In *Crop Production*, annual; and *Crop Values*, annual. Supply and disappearance—U.S. Dept. of Agriculture, Economic Research Service, *Feed Situation*, quarterly; *Fats and Oils Situation*, quarterly; *Wheat Situation*, quarterly; *Tobacco Situation*, quarterly; *Cotton and Wool Outlook Statistics*, periodic; and *Agricultural Supply and Demand Estimates*, periodic. Data are also in *Agricultural Statistics*, annual; and *Agricultural Outlook*, monthly.

## No. 828. Corn—Acreage, Production, and Value by Leading States: 1998 to 2000

[72,589 represents 72,589,000. One bushel of corn=56 pounds]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price (\$/bu.)			Farm value (mil. dol.)		
	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
<b>U.S. <sup>1</sup></b>	<b>72,589</b>	<b>70,487</b>	<b>72,732</b>	<b>134</b>	<b>134</b>	<b>137</b>	<b>9,759</b>	<b>9,431</b>	<b>9,968</b>	<b>1.94</b>	<b>1.82</b>	<b>1.85</b>	<b>18,922</b>	<b>17,104</b>	<b>18,621</b>
IA . . . . .	12,200	11,800	12,000	145	149	145	1,769	1,758	1,740	1.86	1.72	1.75	3,290	3,024	3,045
IL . . . . .	10,450	10,650	11,050	141	140	151	1,473	1,491	1,669	2.04	1.91	1.90	3,006	2,848	3,170
NE . . . . .	8,550	8,300	8,050	145	139	126	1,240	1,154	1,014	1.85	1.75	1.95	2,331	2,019	1,978
IN . . . . .	6,750	6,600	6,600	153	150	145	1,033	990	957	1.71	1.60	1.75	1,766	1,584	1,675
MN . . . . .	5,550	5,670	5,550	137	132	147	760	748	816	2.11	1.88	1.85	1,604	1,407	1,509
OH . . . . .	3,340	3,200	3,300	141	126	147	471	403	485	2.03	1.89	2.00	956	762	970
SD . . . . .	3,550	3,250	3,850	121	113	112	430	367	431	1.61	1.54	1.60	692	566	690
MO . . . . .	2,850	2,980	3,200	147	141	130	419	420	416	1.96	1.81	2.05	821	761	853
KS . . . . .	2,500	2,550	2,770	114	97	149	285	247	396	1.92	1.96	1.70	547	485	673
WI . . . . .	2,950	2,850	2,750	137	143	132	404	408	363	1.84	1.77	1.90	744	721	690
MI . . . . .	2,050	1,950	1,970	111	130	124	228	254	244	1.90	1.78	1.90	432	451	464
TX . . . . .	1,850	1,770	1,900	100	129	124	185	228	236	2.26	2.07	2.15	418	443	507
KY . . . . .	1,180	1,180	1,230	115	105	130	136	124	160	2.17	2.11	2.00	294	261	322
CO . . . . .	1,070	1,120	1,180	145	142	127	155	159	150	1.96	1.84	2.15	304	293	322
PA . . . . .	1,050	880	1,080	111	70	127	117	62	137	2.48	2.41	2.00	289	148	274
NC . . . . .	825	655	930	107	117	112	88	77	104	1.71	1.59	1.60	151	112	167
ND . . . . .	770	640	650	70	80	116	54	51	75	2.33	2.27	1.90	126	116	143
TN . . . . .	620	570	590	96	102	114	60	58	67	2.13	1.92	1.85	127	112	124
MD . . . . .	400	360	405	109	93	155	44	33	63	2.33	2.36	2.00	102	79	126
VA . . . . .	300	280	330	84	78	146	25	22	48	2.24	2.15	2.00	56	47	96
NY . . . . .	580	590	480	114	101	98	66	60	47	2.21	2.24	2.20	146	133	103

<sup>1</sup> Includes other states, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Crop Production*, annual; and *Crop Values*, annual.

## No. 829. Soybeans—Acreage, Production, and Value by Leading States: 1998 to 2000

[70,441 represents 70,441,000. One bushel of soybeans=60 pounds]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price (\$/bu.)			Farm value (mil. dol.)		
	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
<b>U.S. <sup>1</sup></b>	<b>70,441</b>	<b>72,446</b>	<b>72,718</b>	<b>39</b>	<b>37</b>	<b>38</b>	<b>2,741</b>	<b>2,654</b>	<b>2,770</b>	<b>4.93</b>	<b>4.63</b>	<b>4.75</b>	<b>13,494</b>	<b>12,205</b>	<b>13,073</b>
IL . . . . .	10,550	10,550	10,450	44	42	44	464	443	460	5.01	4.75	4.85	2,326	2,105	2,230
IA . . . . .	10,350	10,750	10,680	48	45	43	497	478	459	4.79	4.53	4.75	2,380	2,167	2,181
MN . . . . .	6,800	6,900	7,150	42	42	41	286	290	293	4.65	4.42	4.60	1,328	1,281	1,348
IN . . . . .	5,500	5,550	5,630	42	39	46	231	216	259	5.05	4.71	4.75	1,167	1,019	1,230
OH . . . . .	4,390	4,500	4,440	44	36	42	193	162	186	4.99	4.72	4.80	964	765	895
MO . . . . .	5,000	5,350	5,000	34	28	35	170	147	175	4.90	4.67	4.75	833	687	831
NE . . . . .	3,750	4,250	4,575	44	43	38	165	181	174	4.83	4.47	4.70	797	807	817
SD . . . . .	3,400	4,070	4,370	39	36	35	133	147	153	4.60	4.33	4.45	610	634	681
AR . . . . .	3,400	3,300	3,200	25	28	26	85	92	83	5.38	4.79	4.90	457	446	408
MI . . . . .	1,890	1,940	2,080	39	40	36	74	78	75	4.99	4.61	4.75	368	358	356
ND . . . . .	1,475	1,340	1,850	32	35	33	47	47	61	4.64	4.19	4.20	219	197	256
WI . . . . .	1,100	1,300	1,450	47	46	40	52	60	58	4.85	4.70	4.70	251	281	273
KS . . . . .	2,500	2,800	2,500	30	29	20	75	81	50	4.98	4.53	4.75	374	368	238
KY . . . . .	1,200	1,160	1,180	30	21	39	36	24	46	5.15	4.83	4.85	185	118	223

<sup>1</sup> Includes other states, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Crop Production*, annual; and *Crop Values*, annual.

## No. 830. Wheat—Acreage, Production, and Value by Leading States: 1998 to 2000

[59,002 represents 59,002,000. One bushel of wheat= 60 pounds]

State	Acreage harvested (1,000 acres)			Yield per acre (bu.)			Production (mil. bu.)			Price (\$/bu.)			Farm value (mil. dol.)		
	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000	1998	1999	2000
<b>U.S. <sup>1</sup></b>	<b>59,002</b>	<b>53,823</b>	<b>53,028</b>	<b>43.2</b>	<b>42.7</b>	<b>41.9</b>	<b>2,547</b>	<b>2,299</b>	<b>2,223</b>	<b>2.65</b>	<b>2.48</b>	<b>2.65</b>	<b>6,781</b>	<b>5,594</b>	<b>5,970</b>
KS . . . . .	10,100	9,200	9,400	49.0	47.0	37.0	495	432	348	2.53	2.25	2.70	1,252	973	939
ND . . . . .	9,610	8,657	9,413	32.0	28.0	33.3	308	242	314	3.03	2.77	2.90	931	670	907
WA . . . . .	2,565	2,290	2,420	61.4	54.2	68.1	157	124	165	2.63	2.77	2.80	414	345	459
OK . . . . .	5,100	4,300	4,200	39.0	35.0	34.0	199	151	143	2.57	2.24	2.70	511	337	386
MT . . . . .	5,280	5,320	4,920	32.0	29.0	27.5	169	154	135	3.03	2.93	3.25	513	452	438
SD . . . . .	3,294	3,024	2,878	36.7	39.9	39.7	121	121	114	2.74	2.55	2.80	327	297	318
ID . . . . .	1,280	1,350	1,300	80.0	77.4	83.4	102	105	108	2.38	2.59	2.75	242	269	293
MN . . . . .	1,982	1,990	1,971	40.6	39.8	49.0	80	79	97	3.09	2.87	3.00	248	227	294

<sup>1</sup> Includes other states, not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Crop Production*, annual; and *Crop Values*, annual.

## No. 831. Greenhouse and Nursery Crops—Summary by Type of Product: 1990 to 1999

[In millions of dollars, except per capita (8,677 represents \$8,677,000,000). Based on a survey of 36 commercial floriculture states and estimates by source]

Item	Total	Cut flowers	Potted flowering plants	Foliage plants	Bedding plants	Cut cultivated greens	Other <sup>1</sup>
Domestic production: <sup>2</sup>							
1990	8,677	529	701	693	1,032	121	5,601
1995	10,294	479	868	728	1,689	128	6,402
1998	12,041	466	939	733	2,331	133	7,439
1999	12,239	482	975	743	2,423	144	7,472
Imports:							
1990	526	326	18	25	(NA)	14	143
1995	855	512	30	53	(NA)	24	236
1998	1,215	762	52	99	(NA)	36	266
1999	1,238	735	59	119	(NA)	41	283
RETAIL EXPENDITURES <sup>3</sup>							
Total:							
1990	38,624	5,567	2,980	2,764	3,096	779	23,439
1995	46,583	6,662	3,728	3,092	5,067	888	27,147
1998	55,277	8,524	4,039	3,286	6,992	971	31,465
1999	56,077	8,008	4,182	3,443	7,268	1,103	32,073
Per capita (dol.): <sup>4</sup>							
1990	155	22	12	11	12	3	94
1995	177	25	14	12	19	3	103
1998	204	32	15	12	26	4	115
1999	205	29	15	13	27	4	117

<sup>1</sup> NA Not available. <sup>2</sup> Includes turfgrass (sod), bulbs, nursery stock, groundcovers, and other greenhouse and nursery products except the following: seeds, cut Christmas trees, and food crops grown under cover. <sup>3</sup> Equivalent wholesale values.

<sup>4</sup> Retail sales values of green goods and associated products and accessories through all marketing channels including delivery, installation, landscaping, and related services. <sup>4</sup> Based on U.S. Census Bureau estimated resident population as of July 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Floriculture and Environmental Horticulture Situation and Outlook Report*, annual.

## No. 832. Fresh Fruits and Vegetables—Supply and Use: 1990 to 2000

[In millions of pounds, except per capita in pounds (7,327 represents 7,327,000,000)]

Year	Utilized production <sup>1</sup>	Imports <sup>2</sup>	Supply, <sup>1</sup> total	Consumption		Exports <sup>2</sup>
				Total	Per capita	
FRUITS						
Citrus:						
1990	7,327	184	7,510	5,331	21.4	2,179
1995	8,635	449	9,084	6,333	24.1	2,751
1998	9,308	613	9,922	7,320	27.1	2,602
1999	6,662	756	7,418	5,648	20.7	1,769
2000	8,785	684	9,470	7,029	25.6	2,441
Noncitrus:						
1990	12,122	7,852	19,974	17,978	70.4	1,995
1995	12,983	9,388	22,371	19,521	74.3	2,850
1998	12,348	10,592	22,940	20,407	75.5	2,533
1999	13,610	11,780	25,389	22,360	82.0	3,029
VEGETABLES & MELONS						
1990	34,629	3,265	38,774	34,574	138.5	2,685
1995	38,692	4,698	44,470	39,208	149.3	3,525
1998	40,839	6,478	48,411	42,932	158.6	3,686
1999	43,724	6,470	51,357	45,645	166.7	3,892
POTATOES						
1990	11,335	684	12,019	11,691	46.8	327
1995	13,020	685	13,704	13,121	49.9	584
1998	12,514	1,061	13,575	12,924	47.8	651
1999	12,865	923	13,789	13,190	48.3	599

<sup>1</sup> Crop-year basis for fruits. <sup>2</sup> Fiscal year for fruits; calendar year for vegetables and potatoes. <sup>3</sup> Includes bananas.

## No. 833. Nuts—Supply and Use: 1990 to 1999

[In millions of pounds (shelled) (326.2 represents 326,200,000)]

Year	Beginning stocks	Marketable production	Imports	Supply, total	Consumption	Exports	Ending stocks
1990	326.2	961.5	198.4	1,486.1	609.6	522.6	354.0
1995	334.1	770.1	204.0	1,308.2	512.5	543.8	251.9
1998	348.7	851.8	242.0	1,442.5	605.9	612.8	223.9
1999	223.9	1,295.9	283.4	1,803.1	742.2	696.7	364.3

<sup>1</sup> Utilized production minus inedibles and noncommercial usage.

Source of Tables 832 and 833: U.S. Dept. of Agriculture, Economic Research Service, *Fruit and Tree Nuts Situation and Outlook Yearbook and Vegetables and Specialties Situation and Outlook Yearbook*.

## No. 834. Commercial Vegetable and Other Specified Crops—Area, Production, and Value, 1998 to 2000, and Leading Producing States, 2000

[74 represents 74,000. Except as noted, relates to commercial production for fresh market and processing combined. Includes market garden areas but excludes minor producing acreage in minor producing states. Excludes production for home use in farm and nonfarm gardens. Value is for season or crop year and should not be confused with calendar-year income]

Crop	Area <sup>1</sup> (1,000 acres)			Production <sup>2</sup> (1,000 short tons)			Value <sup>3</sup> (mil. dol.)			Leading states in order of production, 2000
	1998	1999	2000	1998	1999	2000	1998	1999	2000	
Asparagus . . . . .	74	76	77	99	109	114	199	233	221	CA, WA, MI
Beans, snap . . . . .	287	303	311	975	1,058	1,128	364	396	394	WI, OR, MI <sup>4</sup>
Beans, dry edible . . . . .	1,918	1,877	1,606	1,521	1,654	1,322	567	548	423	ND, MI, NE
Broccoli . . . . .	134	148	135	868	1,085	981	512	518	597	CA, AZ
Cabbage . . . . .	83	80	88	1,370	1,268	1,529	312	249	342	NY, CA, TX <sup>5</sup>
Cantaloups . . . . .	101	107	98	1,075	1,129	1,015	383	389	359	CA, AZ, TX <sup>5</sup>
Carrots . . . . .	136	130	129	2,346	2,193	2,140	468	583	471	CA, CO, MI <sup>5</sup>
Cauliflower . . . . .	44	46	47	345	387	388	221	225	260	CA, AZ
Celery . . . . .	27	28	26	900	936	886	221	225	325	CA, MI, TX
Corn, sweet . . . . .	704	703	707	4,572	4,586	4,452	691	677	706	(NA)
Fresh market . . . . .	237	237	247	1,316	1,289	1,296	452	443	474	FL, CA, GA
Processed . . . . .	467	466	460	3,256	3,297	3,156	239	234	232	WA, MN, WI <sup>4</sup>
Cucumbers . . . . .	160	165	160	1,157	1,224	1,189	367	367	399	MI, NC, FL <sup>4</sup>
Lettuce, head . . . . .	198	193	198	3,170	3,516	3,601	1,023	936	1,259	CA, AZ, CO
Lettuce, leaf . . . . .	46	49	48	515	554	565	296	268	312	CA, AZ
Lettuce, Romaine . . . . .	37	42	48	533	657	739	236	228	290	CA, AZ, FL
Mushrooms <sup>6</sup> . . . . .	145	150	151	404	424	427	774	828	829	(NA)
Onions . . . . .	171	173	166	3,364	3,678	3,580	838	635	732	CA, OR, WA
Peppers, green . . . . .	57	57	71	728	778	976	507	484	614	CA, FL, NJ
Potatoes . . . . .	1,388	1,332	1,352	23,789	23,911	25,798	2,635	2,746	2,540	ID, WA, WI
Strawberries . . . . .	45	46	48	820	905	924	1,002	1,106	1,014	CA, FL, OR
Sweet potatoes . . . . .	84	83	94	619	612	681	190	215	209	NC, LA, CA
Tomatoes . . . . .	422	483	419	11,033	14,673	12,706	1,764	1,864	1,823	(NA)
Fresh market . . . . .	122	133	129	1,631	1,837	1,848	1,150	951	1,160	FL, CA, GA
Processed . . . . .	300	350	290	9,402	12,836	10,858	614	913	663	CA, IN, OH
Watermelons . . . . .	169	175	164	1,849	2,058	1,858	285	266	236	FL, CA, TX

NA Not available. <sup>1</sup> Area of crops for harvest for fresh market, including any partially harvested or not harvested because of low prices or other factors, plus area harvested for processing. <sup>2</sup> Excludes some quantities not marketed. <sup>3</sup> Fresh market vegetables valued at f.o.b. shipping point. Processing vegetables are equivalent returns at packinghouse door. <sup>4</sup> Processed only. <sup>5</sup> Fresh market only. <sup>6</sup> Area is shown in million square feet. All data are for marketing year ending June 30.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Vegetables*, annual summary. Also in *Agricultural Statistics*, annual.

## No. 835. Fruits and Nuts—Utilized Production and Value, 1998 to 2000, and Leading Producing States, 2000

[5,381 represents 5,381,000]

Fruit or nut	Unit	Utilized production <sup>1</sup>			Farm value (mil. dol.)			Leading states in order of production, 2000
		1998	1999	2000	1998	1999	2000	
Apples <sup>2</sup> . . . . .	1,000 tons .	5,381	5,223	5,192	1,316	1,564	1,336	WA, NY, MI
Apricots . . . . .	1,000 tons .	108	91	88	35	35	32	CA, WA
Avocados . . . . .	1,000 tons .	159	183	234	344	379	321	CA, FL
Cherries, sweet . . . . .	1,000 tons .	194	213	204	213	235	274	WA, OR, CA
Cherries, tart . . . . .	1,000 tons .	153	127	141	44	56	53	MI, UT, WA
Cranberries . . . . .	1,000 tons .	272	316	273	199	113	107	WI, MA, NJ
Dates (CA) . . . . .	1,000 tons .	25	22	15	30	28	18	CA
Grapefruit . . . . .	1,000 tons .	2,593	2,513	2,758	269	341	423	FL, CA, TX
Grapes (13 states) . . . . .	1,000 tons .	5,816	6,235	7,657	2,640	2,927	3,104	CA, WA, NY
Lemons . . . . .	1,000 tons .	897	747	863	241	260	318	CA, AZ
Nectarines (CA) . . . . .	1,000 tons .	224	274	267	105	112	106	CA
Olives (CA) . . . . .	1,000 tons .	90	142	53	41	54	32	CA
Oranges . . . . .	1,000 tons .	13,670	9,824	13,113	1,965	1,701	1,753	FL, CA
Papayas . . . . .	1,000 tons .	20	21	27	13	16	16	HI
Peaches . . . . .	1,000 tons .	1,163	1,217	1,254	447	463	489	CA, SC, GA
Pears . . . . .	1,000 tons .	968	1,013	949	282	298	250	WA, CA, OR
Pineapples . . . . .	1,000 tons .	332	352	354	93	101	102	HI
Plums (CA) . . . . .	1,000 tons .	188	196	197	99	82	87	CA
Prunes (dried basis) (CA) . . . . .	1,000 tons .	103	165	201	79	142	169	CA
Tangerines . . . . .	1,000 tons .	360	327	451	97	118	113	FL, CA, AZ
Almonds (shelled basis) (CA) . . . . .	Mil. lb . . . .	520	833	703	704	688	682	CA
Hazelnuts (in the shell) . . . . .	1,000 tons .	16	40	24	15	36	21	OR, WA
Macadamia nuts . . . . .	Mil. lb . . . .	58	57	50	37	38	30	HI
Pecans (in the shell) (11 states) . . . . .	Mil. lb . . . .	146	406	210	177	330	239	GA, NM, TX
Pistachios . . . . .	Mil. lb . . . .	188	123	243	194	164	238	CA
Walnuts, English (in the shell) . . . . .	1,000 tons .	227	283	239	238	251	289	CA

<sup>1</sup> Excludes quantities not harvested or not marketed. <sup>2</sup> Production in commercial orchards with 100 or more bearing age trees.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Noncitrus Fruits and Nuts*, annual; and *Citrus Fruits*, annual.

## No. 836. Meat Supply and Use: 1980 to 2000

[In millions of pounds (carcass weight equivalent) (53,151 represents 53,151,000,000). Carcass weight equivalent is the weight of the animal minus entrails, head, hide, and internal organs; includes fat and bone. Covers federal and state inspected, and farm slaughter]

Year and type of meat	Production	Imports	Supply, <sup>1</sup> total	Consump- tion <sup>2</sup>	Exports	Ending stocks
<b>RED MEAT AND POULTRY</b>						
1980	53,151	2,668	57,036	54,695	1,124	1,217
1985	56,271	3,255	60,631	58,651	926	1,054
1990	62,255	3,295	66,673	62,937	2,472	1,263
1995	74,068	2,838	78,636	69,911	6,956	1,768
1999	81,537	3,820	87,372	76,008	9,392	1,972
2000	82,361	4,137	88,470	76,346	10,056	2,068
<b>ALL RED MEATS</b>						
1980	38,978	2,668	42,481	41,170	429	882
1985	39,409	3,255	43,505	42,311	461	733
1990	38,787	3,295	42,742	40,784	1,250	707
1995	43,675	2,832	47,511	43,967	2,614	929
1999	46,284	3,813	51,092	46,477	3,700	914
2000	46,299	4,128	51,341	46,494	3,827	1,020
<b>Beef:</b>						
1980	21,643	2,064	24,166	23,560	173	432
1985	23,728	2,071	26,271	25,523	328	420
1990	22,743	2,356	25,434	24,031	1,006	397
1995	25,222	2,104	27,874	25,534	1,821	519
1999	26,493	2,874	29,760	26,932	2,417	411
2000	26,888	3,032	30,331	27,290	2,516	525
<b>Pork:</b>						
1980	16,617	550	17,521	16,838	252	431
1985	14,807	1,128	16,283	15,865	128	289
1990	15,354	898	16,565	16,031	238	296
1995	17,849	664	18,952	17,768	787	396
1999	19,308	827	20,720	18,952	1,278	489
2000	18,952	967	20,408	18,626	1,305	477
<b>Veal:</b>						
1980	400	21	432	420	2	9
1985	515	20	549	533	4	11
1990	327	(NA)	331	325	(NA)	6
1995	319	(NA)	326	319	(NA)	7
1999	235	(NA)	240	235	(NA)	5
2000	225	(NA)	230	225	(NA)	5
<b>Lamb and mutton:</b>						
1980	318	33	362	351	1	9
1985	359	36	403	389	1	13
1990	363	41	412	397	6	8
1995	287	64	359	346	6	8
1999	248	113	372	358	5	9
2000	234	129	372	353	6	13
<b>POULTRY, TOTAL</b>						
1980	14,173	-	14,555	13,525	695	334
1985	16,862	-	17,126	16,340	465	321
1990	23,468	-	23,931	22,153	1,222	556
1995	30,393	6	31,125	25,944	4,342	839
1999	35,252	7	36,281	29,531	5,692	1,058
2000	36,062	9	37,129	29,852	6,229	1,048
<b>Broilers:</b>						
1980	11,252	-	11,364	10,682	567	115
1985	13,520	-	13,646	13,072	417	158
1990	18,430	-	18,651	17,266	1,143	242
1995	24,827	1	25,287	20,832	3,894	560
1999	29,468	4	30,183	24,468	4,920	796
2000	30,199	6	31,001	24,655	5,548	798
<b>Mature chicken:</b>						
1980	551	-	581	507	53	21
1985	525	-	537	503	21	13
1990	523	-	530	496	25	9
1995	496	3	513	406	99	7
1999	554	2	562	162	393	8
2000	531	2	541	308	223	9
<b>Turkeys:</b>						
1980	2,370	-	2,610	2,337	75	198
1985	2,817	-	2,943	2,765	27	150
1990	4,514	-	4,750	4,390	54	306
1995	5,069	2	5,326	4,706	348	271
1999	5,230	1	5,535	4,902	379	254
2000	5,333	1	5,588	4,889	458	241

- Represents zero. NA Not available. <sup>1</sup> Total supply equals production plus imports plus ending stocks of previous year. <sup>2</sup> Includes shipments to territories.

Source: U.S. Department of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures, 1970-1997*; and *Agricultural Outlook*, monthly.

## No. 837. Livestock Inventory and Production: 1980 to 2001

[Production in live weight (111.2 represents 111,200,000). Includes animals for slaughter market, younger animals shipped to other states for feeding or breeding purposes, farm slaughter and custom slaughter consumed on farms where produced, minus livestock shipped into states for feeding or breeding with an adjustment for changes in inventory]

Type of livestock	Unit	1980	1985	1990	1995	1996	1997	1998	1999	2000	2001
<b>ALL CATTLE</b> <sup>1</sup>											
Inventory: <sup>2</sup> Number on farms . . . . .	Mil. . . . .	111.2	109.6	95.8	102.8	103.5	101.7	99.7	99.1	98.2	97.3
Total value . . . . .	Bil. dol. . . . .	55.8	44.0	59.0	63.2	52.1	53.4	60.2	58.8	67.1	70.6
Value per head . . . . .	Dol. . . . .	502	402	616	615	503	525	603	594	683	725
Production: Quantity . . . . .	Bil. lb. . . . .	40.3	40.1	39.2	42.5	40.9	40.9	41.6	42.5	42.9	(NA)
Beef, price per 100 lb . . . . .	Dol. . . . .	62.40	53.70	74.60	61.80	58.70	63.10	59.60	63.40	68.60	(NA)
Calves, price per 100 lb. . . . .	Dol. . . . .	76.80	62.10	95.60	73.10	58.40	78.90	78.80	87.70	104.00	(NA)
Value of production . . . . .	Bil. dol. . . . .	25.5	21.2	29.3	24.7	22.1	24.8	24.2	26.1	28.4	(NA)
<b>HOGS AND PIGS</b>											
Inventory: <sup>3</sup> Number on farms . . . . .	Mil. . . . .	67.3	54.1	53.8	59.7	58.2	56.1	61.2	62.2	59.3	59.3
Total value . . . . .	Bil. dol. . . . .	3.8	4.1	4.3	3.2	4.1	5.3	5.0	2.8	4.3	4.5
Value per head . . . . .	Dol. . . . .	56.00	75.00	79.10	53.00	71.00	94.00	82.00	44.00	72.00	76.00
Production: Quantity . . . . .	Bil. lb. . . . .	23.4	20.2	21.3	24.4	23.1	24.0	25.7	25.8	25.7	(NA)
Price per 100 lb . . . . .	Dol. . . . .	38.00	44.00	53.70	40.50	51.90	52.90	34.40	30.30	42.30	(NA)
Value of production . . . . .	Bil. dol. . . . .	8.9	8.9	11.3	9.8	11.9	12.6	8.7	7.8	10.8	(NA)
<b>SHEEP AND LAMBS</b>											
Inventory: <sup>2</sup> Number on farms . . . . .	Mil. . . . .	12.7	10.7	11.4	9.0	8.5	8.0	7.8	7.2	7.0	6.9
Total value . . . . .	Mil. dol. . . . .	993	654	901	663	732	762	798	638	669	661
Value per head . . . . .	Dol. . . . .	78.20	61.10	79.30	74.70	86.50	96.00	102.00	88.00	95.00	96.00
Production: Quantity . . . . .	Mil. lb. . . . .	746	704	781	602	572	603	555	534	506	(NA)
Sheep, price per 100 lb. . . . .	Dol. . . . .	21.30	23.90	23.20	28.00	29.90	37.90	30.60	31.10	34.20	(NA)
Lambs, price per 100 lb. . . . .	Dol. . . . .	63.60	67.70	55.50	78.20	88.20	90.30	72.30	74.50	79.40	(NA)
Value of production . . . . .	Mil. dol. . . . .	403	434	374	414	441	490	354	349	357	(NA)

NA Not available. <sup>1</sup> Includes milk cows. <sup>2</sup> As of Jan. 1. <sup>3</sup> As of Dec. 1 of preceding year.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meat Animals—Production, Disposition, and Income*, annual; and annual livestock summaries. Also in *Agricultural Statistics*, annual.

## No. 838. Livestock Operations by Size of Herd: 1995 to 2000

[In thousands (1,191 represents 1,191,000). An operation is any place having one or more head on hand at any time during the year]

Size of herd	1995	1999	2000	Size of herd	1995	1999	2000
<b>CATTLE</b> <sup>1</sup>			<b>MILK COWS</b> <sup>2</sup>				
<b>Total operations . . . . .</b>	<b>1,191</b>	<b>1,096</b>	<b>1,076</b>	<b>Total operations . . . . .</b>	<b>140</b>	<b>111</b>	<b>105</b>
1 to 49 head . . . . .	746	686	669	1 to 49 head . . . . .	79	57	53
50 to 99 head . . . . .	208	186	185	50 to 99 head . . . . .	39	33	31
100 to 499 head . . . . .	210	197	193	100 or more head . . . . .	21	21	21
500 to 999 head . . . . .	18	18	19	<b>HOGS AND PIGS</b>			
1,000 head or more . . . . .	9	9	10	<b>Total operations . . . . .</b>	<b>168</b>	<b>99</b>	<b>86</b>
<b>BEEF COWS</b> <sup>2</sup>			1 to 99 head . . . . .				
<b>Total operations . . . . .</b>	<b>898</b>	<b>844</b>	<b>831</b>	100 to 499 head . . . . .	44	23	18
1 to 49 head . . . . .	716	667	654	500 to 999 head . . . . .	15	9	8
50 to 99 head . . . . .	105	101	101	1,000 to 1,999 head . . . . .	7	7	6
100 to 499 head . . . . .	70	71	71	2,000 to 4,999 head . . . . .	4	5	5
500 head or more . . . . .	6	5	6	5,000 head or more . . . . .	1	2	2

<sup>1</sup> Includes calves. <sup>2</sup> Included in operations with cattle.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Cattle Final Estimates, 1994-1998*, January 1999; *Cattle*, January 2001; *Milk Cows and Production Final Estimates 1993-1997*, January 1999; *Hogs and Pigs Final Estimates 1993-1997*, December 1998; *Hogs and Pigs*, December 2000; and *Agricultural Statistics*, annual.

## No. 839. Hogs and Pigs—Number, Production, and Value by State: 1998 to 2000

[62,206 represents 62,206,000. See headnote, Table 837]

State	Number on farms <sup>1</sup> (1,000)			Quantity produced (mil. lb.)			Value of production (mil. dol.)			Commercial slaughter <sup>2</sup> (mil. lb.)	
	1998	1999	2000	1998	1999	2000	1998	1999	2000	1999	2000
<b>U.S.</b> <sup>3</sup> . . . . .	<b>62,206</b>	<b>59,342</b>	<b>59,338</b>	<b>25,715</b>	<b>25,791</b>	<b>25,717</b>	<b>8,674</b>	<b>7,766</b>	<b>10,791</b>	<b>26,256</b>	<b>25,660</b>
IA . . . . .	15,300	15,400	15,200	6,301	6,495	6,487	1,998	1,891	2,679	7,693	7,294
NC . . . . .	9,700	9,500	9,300	3,751	3,658	3,705	1,320	1,149	1,624	2,456	2,473
IN . . . . .	5,700	5,500	5,800	2,403	2,461	2,515	837	735	1,083	2,169	2,086
IL . . . . .	4,850	4,050	4,150	1,895	1,863	1,776	625	559	762	2,470	2,516
NE . . . . .	3,400	3,000	3,050	1,451	1,549	1,492	535	488	640	1,643	1,641
IN . . . . .	4,050	3,250	3,350	1,633	1,535	1,382	531	445	545	1,566	1,621
MO . . . . .	3,300	3,150	2,900	1,421	1,238	1,215	480	379	507	1,013	981

<sup>1</sup> As of December 1. <sup>2</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. <sup>3</sup> Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meat Animals—Production, Disposition and Income*, annual.

## No. 840. Cattle and Calves—Number, Production, and Value by State: 1998 to 2001

[99,115 represents 99,115,000. Includes milk cows. See headnote, Table 837]

State	Number on farms <sup>1</sup> (1,000)			Quantity produced (mil. lb.)			Value of production (mil. dol.)			Commercial slaughter <sup>2</sup> (mil. lb.)	
	1999	2000	2001	1998	1999	2000	1998	1999	2000	1999	2000
<b>U.S.<sup>3</sup></b>	<b>99,115</b>	<b>98,198</b>	<b>97,309</b>	<b>41,620</b>	<b>42,468</b>	<b>42,915</b>	<b>24,153</b>	<b>26,051</b>	<b>28,388</b>	<b>44,099</b>	<b>44,558</b>
TX	14,100	13,900	13,700	7,443	7,417	7,469	4,404	4,638	5,039	7,760	7,623
NE	6,700	6,650	6,600	4,257	4,326	4,410	2,344	2,519	2,561	9,231	9,558
KS	6,550	6,600	6,700	3,764	3,973	4,097	2,188	2,442	2,418	9,632	9,858
CO	3,200	3,150	3,150	1,986	2,072	2,121	1,176	1,293	1,337	3,235	3,265
CA	5,100	5,100	5,150	1,850	1,972	1,995	852	862	849	1,275	1,309
OK	5,300	5,200	5,050	1,850	2,050	1,936	1,234	1,449	1,578	38	38
IA	3,700	3,700	3,650	1,749	1,862	1,833	949	1,009	1,078	1,037	846
SD	3,900	3,900	4,050	1,439	1,546	1,627	914	1,094	1,269	389	402
MO	4,400	4,350	4,250	1,129	1,152	1,188	777	834	1,004	102	99
MI	2,500	2,550	2,550	1,070	1,083	1,144	602	625	706	872	911
WI	3,400	3,400	3,350	1,055	1,068	1,113	518	581	654	2,254	2,313

<sup>1</sup> As of January 1. <sup>2</sup> Data cover cattle only. Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. <sup>3</sup> Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Meat Animals-Production, Disposition and Income*, annual.

## No. 841. Milk Cows—Number, Production, and Value by State: 1998 to 2000

[9,154 represents 9,154,000]

State	Number on farms <sup>1</sup> (1,000)			Milk produced on farms (mil. lb.)			Value of production <sup>2</sup> (mil. dol.)		
	1998	1999	2000	1998	1999	2000	1998	1999	2000
<b>United States<sup>3</sup></b>	<b>9,154</b>	<b>9,156</b>	<b>9,210</b>	<b>157,348</b>	<b>162,716</b>	<b>167,658</b>	<b>24,332</b>	<b>23,400</b>	<b>20,786</b>
California	1,420	1,466	1,523	27,654	30,459	32,240	4,151	4,097	3,708
Wisconsin	1,369	1,365	1,344	22,842	23,071	23,259	3,541	3,184	2,721
New York	701	701	686	11,750	12,082	11,920	1,810	1,764	1,562
Pennsylvania	623	616	617	10,847	10,931	11,156	1,736	1,727	1,528
Minnesota	551	545	534	9,275	9,478	9,493	1,442	1,327	1,139
Idaho	292	318	347	5,765	6,453	7,223	836	839	766
Texas	352	345	348	5,605	5,618	5,735	880	843	768
Michigan	299	299	300	5,365	5,455	5,705	821	807	736
Washington	248	247	247	5,326	5,535	5,593	847	825	716

<sup>1</sup> Average number during year. Represents cows and heifers that have calved, kept for milk; excluding heifers not yet fresh. <sup>2</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. Includes value of milk fed to calves. <sup>3</sup> Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Dairy Products*, annual; and *Milk: Production, Disposition, and Income*, annual.

## No. 842. Milk Production and Manufactured Dairy Products: 1980 to 2000

[334 represents 334,000]

Item	Unit	1980	1985	1990	1995	1996	1997	1998	1999	2000
Number of farms with milk cows	1,000	334	269	193	140	131	124	117	111	105
Cows and heifers that have calved, kept for milk	Mil. head	10.8	11.0	10.0	9.5	9.4	9.3	9.2	9.2	9.2
Milk produced on farms	Bil. lb.	128	143	148	155	154	156	157	163	168
Production per cow	1,000 lb.	11.9	13.0	14.8	16.4	16.4	16.9	17.2	17.8	18.2
Whole milk sold from farms <sup>1</sup>	Bil. lb.	126	141	146	154	153	155	156	161	166
Value of milk produced	Bil. dol.	16.9	18.4	20.4	20.1	23.0	21.1	24.3	23.4	20.8
Gross farm income, dairy products	Bil. dol.	16.7	18.1	20.2	19.9	22.8	21.0	24.2	23.2	20.6
Cash receipts from marketing of milk and cream <sup>1</sup>	Bil. dol.	16.6	18.1	20.1	19.9	22.8	20.9	24.1	23.2	20.6
Number of dairy manufacturing plants	Number	2,257	2,061	1,723	1,495	1,422	1,384	1,323	1,192	1,124
Manufactured dairy products:										
Butter (incl. whey butter)	Mil. lb.	1,145	1,248	1,302	1,264	1,174	1,151	1,168	1,277	1,274
Cheese, total <sup>2</sup>	Mil. lb.	3,984	5,081	6,059	6,917	7,218	7,330	7,492	7,894	8,255
American (excl. full-skim American)	Mil. lb.	2,376	2,855	2,894	3,131	3,281	3,286	3,315	3,533	3,634
Cream and Neufchatel	Mil. lb.	229	294	431	544	575	615	621	639	687
All Italian varieties	Mil. lb.	983	1,491	2,207	2,674	2,812	2,881	3,005	3,145	3,311
Cottage cheese: Creamed <sup>3</sup>	Mil. lb.	825	716	832	711	690	706	728	720	736
Condensed bulk milk	Mil. lb.	952	1,232	1,426	1,372	1,270	1,275	1,263	1,365	1,202
Nonfat dry milk <sup>4</sup>	Mil. lb.	1,168	1,398	902	1,243	1,068	1,223	1,140	1,364	1,457
Dry whey <sup>5</sup>	Mil. lb.	690	987	1,143	1,147	1,117	1,137	1,178	1,147	1,188
Yogurt, plain and fruit flavored	Mil. lb.	(NA)	(NA)	(NA)	1,646	1,588	1,574	1,639	1,717	1,835
Ice cream, regular	Mil. gal.	830	901	824	862	879	914	935	972	970
Ice cream, lowfat <sup>6</sup>	Mil. gal.	293	301	352	357	366	386	407	381	382

NA Not available. <sup>1</sup> Comprises sales to plants and dealers, and retail sales by farmers direct to consumers. <sup>2</sup> Includes varieties not shown separately. <sup>3</sup> Includes partially creamed (low fat). <sup>4</sup> Includes dry skim milk for animal feed. <sup>5</sup> Includes animal but excludes modified whey production. <sup>6</sup> Includes freezer-made milkshake in most states.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Dairy Products*, annual; and *Milk: Production, Disposition, and Income*, annual.

## No. 843. Milk Production and Commercial Use: 1980 to 2000

[In billions of pounds milkfat basis (128.4 represents 128,400,000,000)]

Year	Production	Commercial				Com- mercial supply, total	CCC net re- movals <sup>1</sup>	Commercial		Milk price per 100 lb. <sup>2</sup> (dol.)
		Farm use	Farm market- ings	Begin- ning stock	Imports			Ending stock	Disap- pearance	
1980 . . . . .	128.4	2.3	126.1	5.3	2.1	133.5	8.8	5.6	119.0	13.05
1985 . . . . .	143.0	2.5	140.6	4.8	2.8	148.2	13.2	4.5	130.5	12.76
1990 . . . . .	147.7	2.0	145.7	4.1	2.7	152.5	8.5	5.1	138.8	13.68
1995 . . . . .	155.3	1.6	153.7	4.3	2.9	160.9	2.1	4.1	154.7	12.78
1998 . . . . .	157.3	1.4	155.9	4.9	4.6	165.4	0.4	5.3	159.8	15.46
1999 . . . . .	162.7	1.4	161.3	5.3	4.8	171.4	0.3	6.1	164.9	14.38
2000 . . . . .	167.7	1.3	166.3	6.1	4.4	176.9	0.8	6.9	169.2	12.34

<sup>1</sup> Removals from commercial supply by Commodity Credit Corporation. <sup>2</sup> Wholesale price received by farmers for all milk delivered to plants and dealers.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Agricultural Outlook*, monthly.

## No. 844. Broiler, Turkey, and Egg Production: 1980 to 2000

[For year ending November 30 (392 represents 392,000,000)]

Item	Unit	1980	1985	1990	1994	1995	1996	1997	1998	1999	2000
<b>Chickens:<sup>1</sup></b>											
Number <sup>2</sup>	Million . .	392	370	353	386	388	393	410	425	436	435
Value per head <sup>2</sup>	Dollars . .	1.88	1.90	2.29	2.34	2.41	2.65	2.72	2.69	2.65	2.43
Value, total <sup>2</sup>	Mil. dol. . .	737	704	808	902	935	1,039	1,113	1,144	1,155	1,058
<b>Number sold<sup>3</sup></b>											
Number sold <sup>3</sup>	Million . .	238	220	208	197	180	174	191	194	210	218
Price per lb. <sup>3</sup>	Cents . . . .	11.0	14.8	9.6	7.4	6.5	6.6	7.7	8.1	7.1	5.8
Value of sales <sup>3</sup>	Mil. dol. . .	129	152	94	73	60	59	71	76	73	65
<b>PRODUCTION</b>											
<b>Broilers:<sup>4</sup></b>											
Number . . . . .	Million . .	3,963	4,470	5,864	7,018	7,326	7,597	7,764	7,934	8,146	8,263
Weight . . . . .	Bil. lb. . . .	15.5	18.9	25.6	32.5	34.2	36.5	37.5	38.6	40.8	41.5
Price per lb. . . . .	Cents . . . .	27.7	30.1	32.6	35.0	34.4	38.1	37.7	39.3	37.1	33.6
Production value . . . . .	Mil. dol. . .	4,303	5,668	8,366	11,372	11,762	13,903	14,159	15,145	15,129	13,953
<b>Turkeys:</b>											
Number . . . . .	Million . .	165	185	282	287	292	303	301	285	270	270
Weight . . . . .	Bil. lb. . . .	3.1	3.7	6.0	6.5	6.8	7.2	7.2	7.1	6.9	7.0
Price per lb. . . . .	Cents . . . .	41.3	49.1	39.6	40.4	41.0	43.3	39.9	38.0	40.8	40.7
Production value . . . . .	Mil. dol. . .	1,272	1,820	2,393	2,643	2,769	3,124	2,884	2,679	2,810	2,843
<b>Eggs:</b>											
Number . . . . .	Billion . . . .	69.7	68.4	68.1	73.9	74.8	76.4	77.5	79.8	82.7	84.4
Price per dozen . . . . .	Cents . . . .	56.3	57.2	70.8	61.5	62.5	75.0	70.3	66.8	62.2	61.8
Production value . . . . .	Mil. dol. . .	3,268	3,262	4,021	3,790	3,893	4,776	4,540	4,439	4,287	4,347

<sup>1</sup> Excludes commercial broilers. <sup>2</sup> As of December 1. <sup>3</sup> Data for 1980 represent number produced and production value. <sup>4</sup> Young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 lbs. live weight and from which no pullets are kept for egg production.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Poultry—Production and Value*, annual; *Turkeys*, annual; and *Layers and Egg Production*, annual.

## No. 845. Broiler and Turkey Production by State: 1998 to 2000

[In millions of pounds, liveweight production (38,554 represents 38,554,000,000)]

State	Broilers			Turkeys			State	Broilers			Turkeys		
	1998	1999	2000	1998	1999	2000		1998	1999	2000	1998	1999	2000
<b>U.S.<sup>1</sup></b>	<b>38,554</b>	<b>40,830</b>	<b>41,516</b>	<b>7,051</b>	<b>6,886</b>	<b>6,988</b>	MS . . . . .	3,468	3,676	3,700	(NA)	(NA)	(NA)
AL . . . . .	4,517	4,953	5,297	(NA)	(NA)	(NA)	MO . . . . .	1,097	1,124	1,080	598	616	619
AR . . . . .	5,619	5,861	5,839	496	491	498	NC . . . . .	3,592	3,866	4,051	1,270	1,069	1,033
CA . . . . .	(NA)	(NA)	(NA)	443	429	439	ND . . . . .	(NA)	(NA)	(NA)	42	44	49
DE . . . . .	1,429	1,410	1,461	(NA)	(Z)	(Z)	OH . . . . .	235	263	224	179	172	165
FL . . . . .	632	648	648	(NA)	(NA)	(NA)	OK . . . . .	994	1,017	1,093	(NA)	(NA)	(NA)
GA . . . . .	5,892	6,199	6,149	(NA)	(NA)	(NA)	PA . . . . .	691	704	693	233	222	253
IL . . . . .	(NA)	(NA)	(NA)	81	81	82	SC . . . . .	848	924	1,004	356	326	335
IN . . . . .	(NA)	(NA)	(NA)	352	377	383	SD . . . . .	(NA)	(NA)	(NA)	123	137	141
IA . . . . .	(NA)	(NA)	(NA)	(NA)	233	214	TN . . . . .	716	724	696	(NA)	(NA)	(NA)
KY . . . . .	843	982	1,041	(NA)	(NA)	(NA)	TX . . . . .	2,160	2,387	2,590	(NA)	(NA)	(NA)
MD . . . . .	1,367	1,472	1,360	15	15	15	VA . . . . .	1,264	1,317	1,298	533	526	553
MI . . . . .	3	4	(NA)	(NA)	86	119	WV . . . . .	358	358	365	88	95	89
MN . . . . .	207	217	221	1,028	1,066	1,061	WI . . . . .	164	159	148	(NA)	(NA)	(NA)

NA Not available. Z Less than 500,000 pounds. <sup>1</sup> Includes other states not shown separately.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Poultry—Production and Value*, annual; and *Turkeys*, annual.