

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.⁷

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 8-1.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1989–98

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>
1989	10,138	4,117
1990	10,015	4,171
1991	9,966	4,093
1992	9,728	4,131
1993	9,658	4,176
1994	9,528	4,144
1995	9,487	4,141
1996	9,416	4,104
1997	9,309	4,057
1998 ¹	9,191	3,982

¹ Preliminary.

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Table 8-2.—Milk cow rations: Quantities and value of concentrates fed, by States, 1995 and 1996

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1995	1996
	1995	1996	1995	1996		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
AL	6,950	6,780	49	50	8.56	10.12
AK	7,140	7,090	42	42	13.80	14.18
AZ	8,220	7,620	42	37	7.78	8.75
AR	6,710	6,630	55	55	8.79	9.68
CA	7,480	7,360	37	36	7.96	8.92
CO	8,040	7,780	43	40	7.18	8.86
CT	6,250	6,300	38	38	9.01	10.95
DE	5,950	5,500	41	38	8.92	9.44
FL	8,970	9,230	61	60	7.43	8.18
GA	8,710	8,430	56	55	7.92	9.54
ID	8,170	8,510	45	46	7.16	8.20
IL	6,090	6,060	41	40	8.10	9.40
IN	6,300	6,190	41	40	7.79	9.26
IA	6,290	5,970	39	39	7.06	8.72
KS	7,050	7,020	49	48	7.52	9.38
KY	5,990	5,960	48	49	8.76	10.23
LA	6,760	6,980	59	65	8.35	10.06
ME	5,930	5,830	37	36	9.09	11.02
MD	5,600	5,510	38	36	8.76	9.76
MA	5,760	5,660	36	35	9.05	10.88
MI	6,490	6,790	38	40	7.24	8.29
MN	6,440	6,310	41	40	7.58	9.06
MS	6,450	6,610	50	51	8.28	9.46
MO	6,940	6,680	49	49	7.91	9.04
MT	6,150	6,290	41	41	7.33	8.54
NE	6,210	6,090	42	40	7.38	8.32
NV	7,430	7,710	41	41	8.18	9.69
NH	6,030	5,970	37	35	8.94	10.86
NJ	5,430	5,400	39	40	8.69	11.51
NM	9,480	9,800	50	51	6.62	7.88
NY	5,610	5,420	34	33	9.24	10.92
NC	6,690	6,680	41	42	9.04	10.54
ND	6,020	5,970	46	46	6.20	7.22
OH	6,370	6,290	40	41	8.30	9.60
OK	7,250	7,120	54	55	8.12	9.44
OR	7,260	6,920	42	40	9.05	9.82
PA	5,940	6,280	36	38	9.33	10.46
RI	5,610	5,460	38	35	9.11	10.72
SC	6,950	7,620	48	52	8.03	9.33
SD	6,160	6,050	46	46	6.67	7.92
TN	6,230	6,130	45	44	9.10	10.76
TX	8,080	8,150	53	53	7.32	9.38
UT	6,530	6,290	39	37	7.78	9.19
VT	5,840	5,810	36	35	9.01	10.89
VA	5,900	5,730	39	40	8.83	10.16
WA	7,570	7,400	38	37	8.18	9.36
WV	5,450	5,170	43	41	9.12	10.42
WI	6,470	6,640	42	43	6.98	8.21
WY	4,650	4,780	33	34	6.84	7.91
US	6,771	6,777	41.2	41.1	7.88	9.17

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-3.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1997 and 1998

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1997	1998 ¹	1997	1998 ¹		1997	1998 ¹	1997	1998 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
AL	31	28	11	10	NE	68	70	25	30
AK	0.9	0.9	0.3	0.3	NV	26	26	10	10
AZ	120	125	20	26	NH	18	18	7.0	7.0
AR	56	55	20	20	NJ	21	19	8	8
CA	1,300	1,350	610	610	NM	197	208	45	45
CO	84	84	45	45	NY	700	700	330	340
CT	29	31	13	13	NC	78	75	34	30
DE	10	11	2.4	2.6	ND	60	48	20	20
FL	158	160	40	40	OH	285	270	130	125
GA	98	96	37	37	OK	95	95	40	40
HI	10	9	5	4	OR	93	88	45	45
ID	268	280	115	125	PA	643	638	285	280
IL	150	145	70	75	RI	2.0	2.0	0.9	1.0
IN	140	140	67	67	SC	26	25	10	9
IA	248	240	100	95	SD	110	101	30	25
KS	81	79	45	40	TN	115	105	55	55
KY	150	140	55	50	TX	390	380	100	100
LA	78	76	19	18	UT	90	90	45	50
ME	39	39	22	19	VT	156	159	56	61
MD	85	86	34	31	VA	125	120	60	55
MA	26	25	9	10	WA	266	260	96	88
MI	310	298	145	135	WV	19	18	8	7
MN	595	570	330	295	WI	1,410	1,380	700	680
MS	48	44	19	19	WY	6	6	1	1
MO	175	160	75	75					
MT	20	18	7	8	US	9,308.9	9,190.9	4,056.6	3,981.9

¹ Preliminary.
NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-4.—Dairy product-feed price ratios: All milk-price; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1987-96

Year	All milk price cwt.	16% dairy feed price cwt ¹	Milk-feed price ratio ²	Value per 100 pounds of grain and concentrates fed to milk cows
	<i>Dollars</i>	<i>Dollars</i>	<i>Pounds</i>	<i>Dollars</i>
1987	12.54	7.70	3.64	6.80
1988	12.26	9.10	2.63	7.74
1989	13.56	9.45	2.70	8.20
1990	13.74	9.10	2.82	7.98
1991	12.27	8.80	2.74	7.73
1992	13.15	8.90	3.01	7.69
1993	12.84	9.00	2.80	7.78
1994	13.01	9.20	2.65	7.98
1995	12.78	8.70	2.59	7.88
1996	14.75	11.25	2.45	9.17

¹ Annual average prior to 1995. April average price for commercially prepared 16% dairy ration. ² Annual ratios based on average of monthly ratios. Pounds of 16 % mixed dairy feed equal in value to one pound of whole milk. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn (51 lbs), soybeans (8 lbs), and alfalfa hay (41 lbs).

NASS, Livestock and Economics Branch, (202) 720-3570.

Table 8-5.—Milk cows: Number of operations, 1996–97, and inventory, Jan. 1, 1997–98, by selected States and United States ¹

State	Operations with milk cows ²		January 1 milk cow inventory	
	1996	1997	1997	1998
	<i>Number</i>	<i>Number</i>	<i>1,000 head</i>	<i>1,000 head</i>
CA	2,900	2,800	1,300	1,350
FL	600	600	158	160
ID	1,400	1,300	268	280
IL	2,100	1,900	150	145
IN	3,600	3,200	140	140
IA	4,800	4,300	248	240
KY	3,600	3,200	150	140
MD	1,100	1,000	85	86
MI	4,400	4,100	310	298
MN	11,000	10,000	595	570
MO	4,000	3,600	175	160
NM	700	500	197	208
NY	9,200	8,600	700	700
NC	1,200	1,100	78	75
OH	6,500	6,000	285	270
PA	11,500	11,200	643	638
TN	1,500	1,400	115	105
TX	3,000	2,500	390	380
VT	2,100	2,000	156	159
VA	1,700	1,600	125	120
WA	1,700	1,400	266	260
WI	27,000	25,000	1,410	1,380
Other States	21,200	19,380	1,364.9	1,326.9
US	126,800	116,680	9,308.9	9,190.9

¹An operation is any place having one or more milk cows on hand at any time during the year ²Included in operations with cattle.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-6.—Milk cows: Number of operations by size group, selected States, and United States, 1997–98 ¹

State	Operations having									
	1–29 Head		30–49 Head		50–99 Head		100–199 Head		200+ Head	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AZ	190	180	0	0	0	0	10	10	100	100
CA	570	500	100	90	130	120	300	290	1,800	1,800
CO	630	610	30	40	50	50	70	70	120	130
FL	340	350	10	10	30	30	40	40	180	170
GA	300	230	20	20	140	130	200	190	140	130
ID	430	350	150	130	280	250	250	250	290	320
IL	430	330	420	430	880	780	330	320	40	40
IN	2,100	1,700	500	500	700	700	250	250	50	50
IA	1,300	1,010	1,300	1,200	1,650	1,500	480	520	70	70
KY	1,500	1,300	730	650	990	900	330	300	50	50
MD	190	160	130	130	480	440	240	220	60	50
MI	1,100	1,000	900	850	1,300	1,200	880	830	220	220
MN	2,100	1,700	4,100	3,600	3,800	3,600	830	850	170	250
MO	1,800	1,500	700	680	900	800	540	560	60	60
NM	550	340	0	0	10	10	10	10	130	140
NY	1,800	1,700	2,000	2,000	3,700	3,300	1,300	1,200	400	400
NC	570	520	60	60	210	200	260	230	100	90
OH	3,800	3,200	800	800	1,400	1,400	400	500	100	100
OR	530	370	50	20	150	140	210	210	160	160
PA	2,600	2,300	3,800	3,800	3,900	3,800	1,000	1,100	200	200
TN	300	260	290	240	540	520	300	300	70	80
TX	1,200	800	100	100	400	300	700	600	600	700
UT	300	320	70	70	190	170	210	210	130	130
VT	150	150	450	400	1,000	950	350	350	150	150
VA	550	500	130	110	520	500	400	390	100	100
WA	750	540	70	70	180	120	320	300	380	370
WI	5,000	4,600	9,500	8,500	9,600	8,900	2,530	2,550	370	450
Oth Sts	8,700	6,900	2,000	1,800	3,800	4,000	2,000	2,250	700	740
US	39,780	33,420	28,410	26,300	36,930	34,810	14,740	14,900	6,940	7,250

¹An operation is any place having one or more head of milk cows on hand at any time during the year.
NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-7.—Milk cows: Percent of inventory by size group, selected States, and United States, 1996–97¹

State	Inventory on operations having									
	1–29 head		30–49 head		50–99 head		100–199 head		200+ head	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
AZ	0.2	0.2	.....	.....	.....	.....	0.8	0.8	99.0	99.0
CA	0.1	0.1	0.3	0.3	0.8	0.8	3.8	3.8	95.0	95.0
CO	2.4	1.5	1.5	2.0	5.1	5.0	13.0	14.5	78.0	77.0
FL	0.3	0.3	0.2	0.2	1.5	1.5	3.0	3.0	95.0	95.0
GA	1.1	1.0	0.9	1.0	11.0	10.0	30.0	29.0	57.0	59.0
ID	1.0	0.7	2.3	1.9	7.2	5.9	13.5	12.5	76.0	79.0
IL	3.0	2.0	11.0	11.0	49.0	47.0	28.0	30.0	9.0	10.0
IN	13.0	14.0	15.0	16.0	36.0	35.0	24.0	22.0	12.0	13.0
IA	8.0	6.5	19.0	19.0	43.0	40.0	23.0	26.0	7.0	8.5
KY	8.5	7.0	17.0	16.0	42.0	41.0	25.0	27.0	7.5	9.0
MD	2.7	2.7	5.3	5.3	36.0	37.0	35.0	35.0	21.0	20.0
MI	5.0	4.0	11.0	10.0	28.0	27.0	35.0	35.0	21.0	24.0
MN	7.0	6.0	26.0	23.0	41.0	41.0	17.0	17.0	9.0	13.0
MO	9.0	8.0	15.0	15.0	33.0	32.0	34.0	36.0	9.0	9.0
NM	0.9	0.7	.....	.....	0.4	0.4	0.7	0.9	98.0	98.0
NY	2.7	2.6	11.3	11.4	37.0	35.0	28.0	28.0	21.0	23.0
NC	1.5	1.5	2.5	2.5	17.0	16.0	41.0	41.0	38.0	39.0
OH	13.0	12.0	13.0	13.0	40.0	41.0	22.0	23.0	12.0	11.0
OR	2.0	2.0	2.0	1.0	13.0	12.0	31.0	30.0	52.0	55.0
PA	6.0	5.0	23.0	22.0	41.0	41.0	20.0	22.0	10.0	10.0
TN	3.5	2.5	9.5	7.5	33.0	33.0	37.0	36.0	17.0	21.0
TX	1.2	0.9	1.0	1.1	7.8	7.0	24.0	23.0	66.0	68.0
UT	1.3	1.3	2.7	2.7	16.0	14.0	31.0	31.0	49.0	51.0
VT	1.0	1.0	11.0	9.0	39.0	39.0	24.0	25.0	25.0	26.0
VA	3.0	3.0	4.0	4.0	30.0	29.0	40.0	40.0	23.0	24.0
WA	0.9	0.7	1.1	1.0	5.0	3.3	20.0	19.0	73.0	76.0
WI	5.1	4.5	26.0	25.0	41.0	40.0	21.0	22.0	6.9	8.5
Oth Sts	4.0	3.5	9.0	8.5	31.0	31.0	23.0	23.0	33.0	34.0
US	4.0	3.5	12.0	11.5	27.0	26.0	20.0	20.0	37.0	39.0

¹ Percents reflect average distribution of various probability surveys conducted during the year but are primarily on beginning-of-year and mid-year surveys.
NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-8.—Official National Cooperative Dairy Herd Improvement Program test plans: Numbers of herds and cows and milk, fat, and protein production, United States, 1987–96

Year	Herds	Cows	Cows per herd	Average production				Cows with protein information	Average protein production	Average protein production
				Milk	Fat	Fat	Fat			
	Number	Number	Number	Pounds	Percent	Pounds	Percent	Percent	Pounds	
1987 ...	34,413	3,160,551	91.8	17,008	3.68	625	86	3.22	541	
1988 ...	34,020	3,168,186	93.1	17,379	3.68	640	88	3.22	555	
1989 ...	33,528	3,212,684	95.8	17,612	3.70	652	89	3.22	563	
1990 ...	33,263	3,252,990	97.8	18,031	3.67	662	90	3.23	578	
1991 ...	31,500	3,146,448	99.9	18,364	3.68	676	91	3.22	588	
1992 ...	30,216	3,137,741	103.8	18,750	3.70	695	91	3.22	602	
1993 ...	35,484	3,625,542	102.2	18,719	3.68	690	90	3.22	602	
1994 ...	33,844	3,620,652	107.0	19,129	3.67	705	90	3.23	616	
1995 ...	31,628	3,527,187	111.5	19,271	3.67	710	90	3.22	621	
1996 ...	29,416	3,486,010	118.5	19,192	3.70	713	90	3.23	620	

ARS, Animal Improvement Programs Laboratory, (301) 504-8334, rlaip1@ggpl.arsusda.gov.

Table 8-9.—Cattle: Tuberculin tests in cooperation with States, 1987–96

Year	Tuberculin tests						Infected and exposed ¹ herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots	Herds and lots	Cattle	Cattle	
	Number	Number	Number	Percent	Number	Percent	Number
1987	52,659	1,361,793	29	.06	99	.01	17
1988	80,211	1,918,837	97	.12	457	.02	9
1989	72,091	1,580,438	24	.03	404	.03	13
1990	66,319	1,490,866	51	.08	221	.01	19
1991	56,846	1,309,026	30	.05	305	.02	16
1992	58,891	1,326,911	108	.18	353	.03	16
1993	53,711	1,237,887	24	.04	430	.03	12
1994	53,825	1,355,156	68	.13	788	.06	2
1995 .....	.....	.....	45	.....	.....	.....	.....
1996 .....	.....	.....	.....	.....	.....	.....	.....

¹ All methods of surveillance and detection.
APHIS, Veterinary Services, (301) 436-8711.

Table 8-10.—Cattle: Brucellosis work in cooperation with States, 1986–95

Year	Milk ring tests ¹			Market cattle blood tests		
	Herd tests	Suspicious	herd tests	Cattle tested	Reactor	cattle
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1986	820,301	2,975	.4	13,505,732	33,835	.3
1987	695,948	2,422	.3	13,051,618	36,145	.3
1988	588,959	1,955	.3	12,290,294	24,946	.2
1989	634,692	1,980	.3	11,411,391	17,625	.2
1990	470,630	1,089	.2	11,526,196	14,799	.1
1991	392,226	1,422	.4	11,239,835	9,748	.1
1992	294,051	1,889	.6	10,997,164	8,309	.0
1993	242,135	1,255	.5	12,180,802	14,455	.1
1994	222,635	657	.3	9,900,000	13,000	.1
1995 .....	.....	.....	.....	9,700,000	.....	.....

Year	Cattle blood tested on farm or ranch ²						Adjusted cattle infection rate ³	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
		<i>Number</i>	<i>Number</i>		<i>Percent</i>	<i>Number</i>			Percent
1986	167,671	9,343	5.6	4,628,755	46,558	1.0	.3	8,704,296
1987	145,058	.....	.....	.....	.....	.....	.....	9,479,496
1988	142,263	.....	.....	.....	.....	.....	.....	8,556,000
1989 .....	.....	.....	.....	.....	.....	.....	.....	4,666,162
1990 .....	.....	1,212	.....	3,524,182	9,384	.3	.....	8,761,441
1991 .....	.....	1,106	.....	3,409,972	7,898	.2	.....	9,044,724
1992	107,826	714	.....	2,868,661	4,460	.....	.....	8,447,172
1993	104,755	567	.....	3,246,658	2,993	.....	.....	7,080,343
1994	119,715	526	.....	3,180,464	6,598	.....	.....	6,900,000
1995 .....	.....	.....	.....	.....	.....	.....	.....	5,500,000
1996 .....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Represents multiple milk ring tests each year for the commercial dairy herd. ² Includes the proportion of herds tested each year because of suspicious milk ring or market cattle test results. ³ Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing and Market Cattle Identification programs.

APHIS, Animal and Plant Health Inspection Service, (301) 436-8711.

Table 8-11.—Milk and milkfat production: Number of producing cows, production per cow, and total quantity produced, United States, 1987–96

Year	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
		<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>
1987	10,327	13,819	505	3.65	142,709	5,213
1988	10,224	14,185	521	3.67	145,034	5,329
1989	10,046	14,323	528	3.68	143,893	5,302
1990	9,993	14,782	539	3.65	147,721	5,390
1991	9,826	15,031	550	3.66	147,697	5,405
1992	9,688	15,570	573	3.68	150,582	5,550
1993	9,589	15,704	575	3.66	150,582	5,514
1994	9,500	16,175	592	3.66	153,664	5,624
1995	9,458	16,433	601	3.66	155,425	5,686
1996 ³	9,351	16,505	609	3.69	154,331	5,691

¹ Average number during year, excluding heifers not yet fresh. ² Excludes milk sucked by calves. ³ Preliminary.
NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-12.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1995

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
AL	34	14,176	498	3.51	482	16.9
AK .....	.7	17,000	587	3.45	11.9	.4
AZ	114	19,561	708	3.62	2,230	80.7
AR	60	12,200	433	3.55	732	26.0
CA	1,254	20,211	736	3.64	25,344	922.5
CO	83	18,687	676	3.62	1,551	56.1
CT	32	16,438	592	3.60	526	18.9
DE	10	14,500	537	3.70	145	5.4
FL	162	14,698	511	3.48	2,381	82.9
GA	100	15,550	555	3.57	1,555	55.5
HI	10.4	13,654	464	3.40	142	4.8
ID	232	18,147	651	3.59	4,210	151.1
IL	161	14,857	553	3.72	2,392	89.0
IN	144	15,375	572	3.72	2,214	82.4
IA	251	16,135	595	3.69	4,050	149.4
KS	82	14,390	522	3.63	1,180	42.8
KY	162	12,469	449	3.60	2,020	72.7
LA	79	11,456	402	3.51	905	31.8
ME	40	16,025	577	3.60	641	23.1
MD	91	14,725	545	3.70	1,340	49.6
MA	28	16,000	594	3.71	448	16.6
MI	326	17,071	625	3.66	5,565	203.7
MN	599	15,708	583	3.71	9,409	349.1
MS	55	12,909	456	3.53	710	25.1
MO	190	14,158	514	3.63	2,690	97.6
MT	21	15,000	536	3.57	315	11.2
NE	74	14,797	548	3.70	1,095	40.5
NV	23.5	18,128	653	3.60	426	15.3
NH	20	16,300	600	3.68	326	12.0
NJ	23	13,913	504	3.62	320	11.6
NM	191	18,969	675	3.56	3,623	129.0
NY	703	16,501	602	3.65	11,600	423.4
NC	86	16,314	587	3.60	1,403	50.5
ND	64	13,094	479	3.66	838	30.7
OH	289	15,917	592	3.72	4,600	171.1
OK	97	13,433	484	3.60	1,303	46.9
OR	97	17,289	628	3.63	1,677	60.9
PA	642	16,511	606	3.67	10,600	389.0
RI	2.2	14,773	520	3.52	32.5	1.1
SC	27	14,481	521	3.60	391	14.1
SD	118	13,398	494	3.69	1,581	58.3
TN	126	13,849	497	3.59	1,745	62.6
TX	401	15,244	544	3.57	6,113	218.2
UT	88	16,739	604	3.61	1,473	53.2
VT	157	16,210	600	3.70	2,545	94.2
VA	129	15,116	543	3.59	1,950	70.0
WA	266	19,932	724	3.63	5,302	192.5
WV	21	12,667	467	3.69	266	9.8
WI	1,490	15,397	579	3.76	22,942	862.6
WY	6	14,100	519	3.68	84.6	3.1
US ³	9,458	16,433	601	3.66	155,425	5,686.1

¹ Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. ² Excludes milk sucked by calves. ³ Sum of parts may not equal due to rounding.
 NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-13.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1996 (preliminary)

State	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
AL	32	13,563	484	3.57	434	15.5
AK .....	.8	16,875	587	3.48	13.5	.5
AZ	120	20,608	740	3.59	2,473	88.8
AR	57	12,053	434	3.60	687	24.7
CA	1,264	20,458	749	3.66	25,859	946.4
CO	84	19,440	710	3.65	1,633	59.6
CT	30	16,567	608	3.67	497	18.2
DE	9.6	14,479	539	3.72	139	5.2
FL	156	15,391	551	3.58	2,401	86.0
GA	97	15,320	552	3.60	1,486	53.5
HI	9.4	13,723	472	3.44	129	4.4
ID	256	18,496	670	3.62	4,735	171.4
IL	154	15,162	572	3.77	2,335	88.0
IN	140	15,471	577	3.73	2,166	80.8
IA	250	15,304	571	3.73	3,826	142.7
KS	82	14,634	536	3.66	1,200	43.9
KY	153	12,157	440	3.62	1,860	67.3
LA	78	10,744	376	3.50	838	29.3
ME	40	16,200	595	3.67	648	23.8
MD	86	15,314	570	3.72	1,317	49.0
MA	27	16,185	605	3.74	437	16.3
MI	320	16,969	626	3.69	5,430	200.4
MN	598	15,786	590	3.74	9,440	353.1
MS	51	12,961	460	3.55	661	23.5
MO	179	13,631	496	3.64	2,440	88.8
MT	20	15,350	550	3.58	307	11.0
NE	69	15,217	568	3.73	1,050	39.2
NV	25	18,800	675	3.59	470	16.9
NH	19	17,053	636	3.73	324	12.1
NJ	22	13,500	495	3.67	297	10.9
NM	195	19,221	682	3.55	3,748	133.1
NY	702	16,423	608	3.70	11,529	426.6
NC	81	15,901	584	3.67	1,288	47.3
ND	62	12,968	479	3.69	804	29.7
OH	285	15,333	573	3.74	4,370	163.4
OK	97	12,938	468	3.62	1,255	45.4
OR	93	17,290	629	3.64	1,608	58.5
PA	644	16,522	613	3.71	10,640	394.7
RI	2	15,600	554	3.55	31.2	1.1
SC	26	14,654	539	3.68	381	14.0
SD	112	13,161	491	3.73	1,474	55.0
TN	116	13,940	503	3.61	1,617	58.4
TX	398	15,377	550	3.58	6,120	219.1
UT	91	17,000	617	3.63	1,547	56.2
VT	156	16,603	621	3.74	2,590	96.9
VA	126	14,325	520	3.63	1,805	65.5
WA	264	19,996	728	3.64	5,279	192.2
WV	20	12,600	470	3.73	252	9.4
WI	1,449	15,442	587	3.80	22,376	850.3
WY	6	14,050	511	3.64	84.3	3.1
US ³	9,351	16,505	609	3.69	154,331	5,690.9

¹ Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. ² Excludes milk sucked by calves. ³ Sum of parts may not equal due to rounding.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-14.—Milk: Quantities used and marketed by producers, by States, 1996 (preliminary)

State	Milk used where produced			Milk marketed by producers		
	Fed to calves ¹	Used for milk, cream, and butter	Total	Sold to plants and dealers ²	Sold directly to consumers ^{3,4}	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
AL	3	1	4	430		430
AK	5	3	8	12.5	2	12.7
AZ	9	2	11	2,462		2,462
AR	9	5	14	673		673
CA	40	7	47	25,230	582	25,812
CO	21	8	29	1,560	44	1,604
CT	5	1	6	477	14	491
DE	1		1	138		138
FL	4	1	5	2,396		2,396
GA	15	1	16	1,460	10	1,470
HI	2.1	1	3.1	125.9		125.9
ID	35	5	40	4,695		4,695
IL	29	4	33	2,302		2,302
IN	30	10	40	2,126		2,126
IA	40	20	60	3,766		3,766
KS	13	2	15	1,185		1,185
KY	35	13	48	1,812		1,812
LA	11	4	15	823		823
ME	7	1	8	632	8	640
MD	7	3	10	1,307		1,307
MA	5	1	6	415	16	431
MI	50	5	55	5,360	15	5,375
MN	92	18	110	9,330		9,330
MS	3	2	5	656		656
MO	32	8	40	2,400		2,400
MT	8	5	13	294		294
NE	15	10	25	1,025		1,025
NV	4	1	5	465		465
NH	4	1	5	319		319
NJ	3	1	4	293		293
NM	10	6	16	3,691	41	3,732
NY	145	33	178	11,339	12	11,351
NC	12	8	20	1,268		1,268
ND	17	2	19	785		785
OH	23	7	30	4,340		4,340
OK	8	1	9	1,246		1,246
OR	25	4	29	1,519	6	1,579
PA	74	21	95	10,280	26	10,545
RI	4		4	30.8		30.8
SC	2	1	3	375		378
SD	12	2	14	1,460		1,460
TN	11	1	12	1,605		1,605
TX	17	5	22	6,098		6,098
UT	24	3	27	1,472	4	1,520
VT	25	5	30	2,554		2,560
VA	12	3	15	1,790		1,790
WA	27	1	28	5,052	19	5,251
WV	2	1	3	249		249
WI	207	55	262	22,114		22,114
WY	2.6	.4	3.0	81.3		81.3
US ⁵	1,189	301	1,489	151,519	1,32	152,842

¹Excludes milk sucked by calves. ²Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. ³Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. ⁴For states not published, sales included in milk sold to plants. ⁵Sum of parts may not equal total due to rounding.

Table 8-15.—Milk: Cows, yield per cow, and production in specified countries, 1994–96¹

Country and continent	Milk cows			Per cow yield			Milk production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 head	1,000 head	1,000 head	Kilo grams	Kilo grams	Kilo grams	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada	1,224	1,244	1,237	6,332	6,367	6,378	7,750	7,920	7,890
Mexico	6,480	6,440	6,440	1,165	1,149	1,178	7,547	7,399	7,586
United States	9,500	9,458	9,351	7,337	7,454	7,486	69,701	70,500	70,004
Total	17,204	17,142	17,028	.....	.....	.....	84,998	85,819	85,480
South America:									
Argentina	2,300	2,350	2,300	3,391	3,617	3,870	7,800	8,500	8,900
Brazil	17,500	17,500	17,100	954	1,050	1,139	16,700	18,375	19,480
Chile	760	770	720	2,368	2,474	2,753	1,800	1,905	1,982
Peru	563	580	553	1,139	1,147	1,320	641	665	730
Venezuela	690	660	608	1,970	1,970	1,974	1,359	1,300	1,200
Total	21,813	21,860	21,281	.....	.....	.....	28,300	30,745	32,292
European Union:									
Austria	804	747	698	4,036	4,171	4,304	3,245	3,116	3,004
Belgium-Luxembourg	754	720	682	4,784	5,063	5,359	3,607	3,645	3,655
Denmark	699	703	712	6,639	6,647	6,594	4,641	4,673	4,695
Finland	415	413	399	6,048	5,988	6,093	2,510	2,473	2,431
France	4,615	4,754	4,672	5,487	5,346	5,369	25,322	25,413	25,083
Germany	5,301	5,273	5,229	5,257	5,428	5,503	27,866	28,621	28,776
Greece	230	210	205	3,261	3,286	3,341	750	690	685
Ireland	1,274	1,269	1,267	4,394	4,456	4,481	5,598	5,655	5,677
Italy	2,287	2,167	2,100	4,532	4,845	5,143	10,365	10,500	10,800
Netherlands	1,698	1,709	1,664	6,457	6,609	6,618	10,964	11,294	11,013
Portugal	375	368	366	3,960	4,565	4,727	1,485	1,680	1,730
Spain	1,379	1,351	1,350	4,278	4,441	4,370	5,900	6,000	5,900
Sweden	490	482	466	6,851	6,728	7,122	3,357	3,243	3,319
United Kingdom	2,318	2,268	2,202	6,437	6,481	6,676	14,920	14,700	14,700
Total	22,639	22,434	22,012	.....	.....	.....	120,530	121,703	121,468
Western Europe:									
Switzerland	761	759	752	5,138	5,186	5,128	3,910	3,936	3,856
Total	761	759	752	.....	.....	.....	3,910	3,936	3,856
Eastern Europe:									
Poland	3,866	3,715	3,442	3,058	3,074	3,396	11,822	11,420	11,690
Romania	1,780	1,778	1,776	3,058	3,074	3,396	5,215	5,885	5,488
Total	5,646	5,493	5,218	.....	.....	.....	17,037	17,305	17,178
Former Soviet Union:									
Russia	19,800	18,400	17,450	2,162	2,136	2,046	42,800	39,300	35,700
Ukraine	8,078	7,818	7,500	2,245	2,198	2,133	18,138	17,181	16,000
Total	27,878	26,218	24,950	.....	.....	.....	60,938	56,481	51,700
South Asia:									
India	31,500	33,000	33,500	984	985	1,000	31,000	32,500	33,500
Total	31,500	33,000	33,500	.....	.....	.....	31,000	32,500	33,500
Asia:									
China	1,885	2,138	2,552	2,805	2,696	2,467	5,288	5,764	6,296
Japan	1,052	1,034	1,035	7,973	8,106	8,364	8,388	8,382	8,657
Total	2,937	3,172	3,587	.....	.....	.....	13,676	14,146	14,953
Oceania:									
Australia ²	1,762	1,786	1,822	4,711	4,722	4,916	8,300	8,433	8,957
New Zealand ³	2,808	2,994	3,153	3,461	3,234	3,300	9,719	9,684	10,405
Total	4,570	4,780	4,975	.....	.....	.....	18,019	18,117	19,362
World total	134,948	134,858	133,303	.....	.....	.....	378,408	380,752	379,789

¹ Year beginning April 1 of the year shown. ² Year ending June 30 of the year shown. ³ Year ending May 31 of the year shown.

FAS, Dairy, Livestock and Poultry Division, (202) 720-3761. Data from counselor/attache reports and official statistics.

**Table 8-16.—Milk Production: Marketings, income, and value, by States, 1996
(preliminary)**

State	Milk sold to plants and dealers ¹				Milk sold directly to consumers ²		
	Quantity	Percent fluid grade ³	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
AL	430	100	16.40	70,520	.....	.....	.....
AK	12.5	100	20.30	2,538	93	.75	70
AZ	2,462	100	14.50	356,990	.....	.....	.....
AR	673	98	16.00	107,680	.....	.....	.....
CA	25,230	96	13.66	3,446,418	270,698	1.00	270,698
CO	1,560	100	14.60	227,760	20,465	.88	18,009
CT	477	100	15.60	74,412	6,512	.70	4,558
DE	138	100	15.30	21,114	.....	.....	.....
FL	2,396	100	18.00	431,280	.....	.....	.....
GA	1,460	100	16.30	237,980	4,651	.77	3,581
HI	125.9	100	23.22	29,234	.....	.....	.....
ID	4,695	93	13.90	652,605	.....	.....	.....
IL	2,302	94	15.00	345,300	.....	.....	.....
IN	2,126	90	14.70	312,522	.....	.....	.....
IA	3,766	89	14.50	546,070	.....	.....	.....
KS	1,185	97	14.20	168,270	.....	.....	.....
KY	1,812	98	15.40	279,048	.....	.....	.....
LA	823	100	16.20	133,326	.....	.....	.....
ME	632	100	15.70	99,224	3,721	.60	2,233
MD	1,307	100	15.30	199,971	.....	.....	.....
MA	415	100	15.70	65,155	7,442	.65	4,837
MI	5,360	99	15.00	804,000	6,977	.50	3,488
MN	9,330	90	14.60	1,362,180	.....	.....	.....
MS	656	100	16.10	105,616	.....	.....	.....
MO	2,400	93	15.10	362,400	.....	.....	.....
MT	294	100	15.20	44,688	.....	.....	.....
NE	1,025	92	14.40	147,600	.....	.....	.....
NV	465	100	13.40	62,310	.....	.....	.....
NH	319	100	15.60	49,764	.....	.....	.....
NJ	293	100	15.30	44,829	.....	.....	.....
NM	3,691	100	13.80	509,358	19,070	.73	13,921
NY	11,339	100	14.90	1,689,511	5,581	.67	3,740
NC	1,268	99	16.70	211,756	.....	.....	.....
ND	785	57	13.70	107,545	.....	.....	.....
OH	4,340	94	15.00	651,000	.....	.....	.....
OK	1,246	99	15.70	195,622	.....	.....	.....
OR	1,519	98	14.50	220,255	27,907	.60	16,744
PA	10,280	99	15.50	1,593,400	123,256	.56	69,023
RI	30.8	100	15.60	4,805	.....	.....	.....
SC	375	100	16.30	61,125	1,395	.76	1,060
SD	1,460	57	14.50	211,700	.....	.....	.....
TN	1,605	98	15.80	253,590	.....	.....	.....
TX	6,098	100	15.10	920,798	.....	.....	.....
UT	1,472	91	14.00	206,080	22,326	.60	13,395
VT	2,554	100	15.30	390,762	2,791	.69	1,926
VA	1,790	99	16.20	289,980	.....	.....	.....
WA	5,052	100	14.50	732,540	92,558	.60	55,535
WV	249	99	15.20	37,848	.....	.....	.....
WI	22,114	92	14.75	3,261,815	.....	.....	.....
WY	81.3	81	13.30	10,813	.....	.....	.....
US	151,519	96	14.75	22,351,106	615,442	.785	482,819

See footnotes at end of table.

**Table 8-16.—Milk Production: Marketings, income, and value, by States, 1996
(preliminary)—Continued**

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income ⁶	Value of milk produced ^{5,7}
	Milk utilized	Average returns ⁴		Cash receipts from marketings	Milk utilized	Value ⁵		
		Per 100 cwt milk	Per lb. milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	430	16.40	4.59	70,520	1	164	70,684	71,176
AK	12.7	20.53	5.90	2,607	.3	62	2,669	2,772
AZ	2,462	14.50	4.04	356,990	2	290	357,280	358,585
AR	673	16.00	4.44	107,680	5	800	108,480	109,920
CA	25,812	14.40	3.93	3,717,116	7	1,008	3,718,124	3,723,884
CO	1,604	15.32	4.20	245,769	8	1,226	246,995	250,213
CT	491	16.08	4.38	78,970	1	161	79,131	79,935
DE	138	15.30	4.11	21,114	.....	.....	21,114	21,267
FL	2,396	18.00	5.03	431,280	1	180	431,460	432,180
GA	1,470	16.43	4.56	241,561	1	164	241,726	244,191
HI	125.9	23.22	6.75	29,234	1	232	29,466	29,954
ID	4,695	13.90	3.84	652,605	5	695	653,300	658,165
IL	2,302	15.00	3.98	345,300	4	600	345,900	350,250
IN	2,126	14.70	3.94	312,522	10	1,470	313,992	318,402
IA	3,766	14.50	3.89	546,070	20	2,900	548,970	554,770
KS	1,185	14.20	3.88	168,270	2	284	168,554	170,400
KY	1,812	15.40	4.25	279,048	13	2,002	281,050	286,440
LA	823	16.20	4.63	133,326	4	648	133,974	135,756
ME	640	15.85	4.32	101,457	1	159	101,615	102,725
MD	1,307	15.30	4.11	199,971	3	459	200,430	201,501
MA	431	16.24	4.34	69,992	1	162	70,155	70,967
MI	5,375	15.02	4.07	807,488	5	751	808,240	815,751
MN	9,330	14.60	3.90	1,362,180	18	2,628	1,364,808	1,378,240
MS	656	16.10	4.54	105,616	2	322	105,938	106,421
MO	2,400	15.10	4.15	362,400	8	1,208	363,608	368,440
MT	294	15.20	4.25	44,688	5	760	45,448	46,664
NE	1,025	14.40	3.86	147,600	10	1,440	149,040	151,200
NV	465	13.40	3.73	62,310	1	134	62,444	62,980
NH	319	15.60	4.18	49,764	1	156	49,920	50,544
NJ	293	15.30	4.17	44,829	1	153	44,982	45,441
NM	3,732	14.02	3.95	523,279	6	841	524,120	525,522
NY	11,351	14.92	4.03	1,693,251	33	4,923	1,698,173	1,719,803
NC	1,268	16.70	4.55	211,756	8	1,336	213,092	215,096
ND	785	13.70	3.71	107,545	2	274	107,819	110,148
OH	4,340	15.00	4.01	651,000	7	1,050	652,050	655,500
OK	1,246	15.70	4.34	195,622	1	157	195,779	197,035
OR	1,579	15.01	4.12	236,999	4	600	237,600	241,352
PA	10,545	15.77	4.25	1,662,423	21	3,311	1,665,734	1,677,400
RI	30.8	15.60	4.39	4,805	0	0	4,805	4,867
SC	378	16.45	4.47	62,185	1	165	62,350	62,679
SD	1,460	14.50	3.89	211,700	2	290	211,990	213,730
TN	1,605	15.80	4.38	253,590	1	158	253,748	255,486
TX	6,098	15.10	4.22	920,798	5	755	921,553	924,120
UT	1,520	14.44	3.98	219,475	3	433	219,909	223,374
VT	2,560	15.34	4.10	392,688	5	767	393,455	397,289
VA	1,790	16.20	4.46	289,980	3	486	290,466	292,410
WA	5,251	15.01	4.12	788,075	1	150	788,225	792,277
WV	249	15.20	4.08	37,848	1	152	38,000	38,304
WI	22,114	14.75	3.88	3,261,815	55	8,113	3,269,928	3,300,460
WY	81.3	13.30	3.65	10,813	.4	53	10,866	11,212
US	152,842	14.94	4.05	22,833,925	301	45,231	22,879,156	23,057,197

¹ Includes the equivalent amount of milk for cream sold to plants and dealers.

² Some States not published to avoid disclosing individual operations.

³ Percentage of milk sold to plants and dealers that is eligible for fluid use.

⁴ Cash receipts divided by milk or milkfat in combined marketings.

⁵ Value at averaged returns per 100 pounds of milk in combined marketings of milk and cream.

⁶ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

⁷ Includes value of milk fed to calves.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-17.—Milk Production: Marketings, income and value, United States, 1987–96

Year	Milk sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1987	139,253	12.54	17,456,027	556,884	48.6	270,619
1988	141,698	12.26	17,367,694	527,581	50.0	263,972
1989	140,795	13.56	19,097,059	482,884	53.9	260,247
1990	144,772	13.74	19,889,975	443,349	56.1	248,550
1991	144,742	12.27	17,752,657	456,372	55.6	253,953
1992	147,905	13.15	19,451,103	488,465	58.2	284,498
1993	147,779	12.84	18,979,392	449,860	58.5	263,158
1994	150,907	13.01	19,631,922	491,721	61.7	303,237
1995	152,543	12.78	19,500,646	607,535	64.7	392,963
1996 ¹	151,519	14.75	22,551,106	615,442	78.5	482,819

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products ⁴	Farm value of all milk produced ⁵
	Milk utilized	Average returns ²		Cash receipts from marketings	Milk utilized	Value ³		
		Per 100 pounds milk	Per pound milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1987	140,450	12.62	3.46	17,726,646	659	84,655	17,811,301	18,014,069
1988	142,833	12.34	3.36	17,631,666	613	77,167	17,708,832	17,905,738
1989	141,834	13.65	3.70	19,357,306	563	78,102	19,435,407	19,640,390
1990	145,725	13.82	3.79	20,138,525	512	72,517	20,211,042	20,418,351
1991	145,723	12.36	3.38	18,006,611	494	61,972	18,068,583	18,252,108
1992	148,955	13.25	3.60	19,735,601	455	61,470	19,797,071	19,989,087
1993	148,746	12.94	3.53	19,242,550	428	56,469	19,299,020	19,483,528
1994	151,965	13.12	3.58	19,935,160	394	52,890	19,988,050	20,161,937
1995	153,849	12.93	3.53	19,893,608	346	45,332	19,938,940	20,098,996
1996 ¹	152,842	14.94	4.05	22,833,925	301	45,231	22,879,156	23,057,197

¹ Preliminary. ² Cash receipts divided by milk or milkfat represented in combined marketings. ³ Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ⁴ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. ⁵ Includes value of milk fed to calves.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-18.—Milk: Quantities used and marketed by farmers, United States, 1987–96

Year	Milk used on farms where produced			Milk marketed by producers		
	Fed to calves ¹	Consumed as fluid milk or cream	Total	Sold to plants and dealers ² as whole milk	Sold directly to consumers ³	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1987	1,599	659	2,258	139,253	1,197	140,450
1988	1,589	613	2,201	141,698	1,134	142,833
1989	1,496	563	2,059	140,795	1,038	141,834
1990	1,484	512	1,996	144,772	953	145,725
1991	1,480	494	1,974	144,742	981	145,723
1992	1,436	455	1,892	147,943	1,050	148,993
1993	1,408	428	1,836	147,779	967	148,746
1994	1,305	394	1,700	150,907	1,057	151,965
1995	1,230	346	1,576	152,543	1,306	153,849
1996 ⁴	1,189	301	1,489	151,519	1,323	152,842

¹ Excludes milk sucked by calves. ² Includes milk produced by dealers' own herds. ³ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. ⁴ Preliminary.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-19.—Federal milk order markets: Measures of growth, 1987–96

Year	Number of markets ¹	Population of Federal milk marketing areas ²	Number of Handlers ¹	Number of Producers ³	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
1987	43	180,374	797	105,882	98,182	42,876	43.7
1988	42	184,180	776	104,141	100,066	43,141	43.1
1989	41	185,919	748	100,291	95,871	43,367	45.2
1990	42	195,841	753	100,397	102,396	43,783	42.8
1991	40	198,409	722	100,267	103,252	45,033	43.6
1992	40	200,530	698	97,803	107,947	44,914	41.6
1993	38	199,604	675	92,934	103,979	44,805	43.1
1994	38	201,561	629	91,397	107,811	44,866	41.6
1995	33	207,548	581	88,745	108,548	44,968	41.4
1996	32	209,599	570	83,012	104,501	45,490	43.5

Year	Prices at 3.5 percent butterfat content per hundredweight ⁴		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade ⁵	All milk		Per producer	All producers
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987	13.90	12.51	80	71	2,542	118,402	12,529,800
1988	13.42	12.14	79	71	2,627	119,261	12,419,974
1989	14.51	13.30	75	68	2,614	129,744	13,012,796
1990	15.55	13.78	77	70	2,796	142,324	14,289,567
1991	13.30	12.11	76	71	2,821	121,479	12,180,354
1992	14.57	13.12	77	73	3,017	146,452	14,323,698
1993	14.19	12.89	73	69	3,073	145,350	13,507,974
1994	14.75	13.16	75	71	3,232	156,253	14,281,193
1995	14.19	12.79	75	71	3,349	155,093	13,763,840
1996	16.19	14.64	72	69	3,439	184,243	15,294,217

¹End of year. ²End of year. Data for 1990 according to the 1990 U.S. Census of Population. Data for 1987–1989, and 1991–1996 are estimated. ³Average for year. ⁴Prices are weighted averages. ⁵The decrease in these percentages from 1988 to date results from handlers electing, because of disadvantageous price relationships and qualification circumstances, not to pool milk that normally would have been pooled under Federal milk orders.

AMS, Dairy Programs, (202) 720-7461.

Table 8-20.—Dairy products: Quantities manufactured, United States, 1989–96

Product	1989	1990	1991	1992	1993	1994	1995	1996 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter	1,295,409	1,302,177	1,335,782	1,365,164	1,315,198	1,295,942	1,264,474	1,174,475
American cheese:								
Whole milk	2,674,075	2,894,221	2,768,925	2,936,561	2,957,260	2,974,420	3,131,390	3,280,799
Part skim	825	845	841	1,177	3,727	24,723	24,008	.....
Swiss cheese	231,238	261,065	234,489	237,304	231,441	221,243	221,713	219,047
Muenster cheese	91,121	100,201	106,352	116,385	117,468	113,587	109,128	106,815
Brick cheese	17,490	17,337	15,298	15,476	12,488	12,222	10,426	10,647
Limburger cheese	901	803	715	985	863	849	868	719
Cream and Neuf-chatel cheese	400,959	430,799	446,693	516,654	539,907	573,394	543,789	574,700
Blue cheese	34,561	36,434	34,371	33,307	33,295	36,514	36,593	38,311
All Italian varieties of cheese	2,042,894	2,207,021	2,328,624	2,508,577	2,494,521	2,625,702	2,674,390	2,812,397
All other varieties of cheese	121,231	110,710	118,547	121,865	137,202	152,037	164,591	106,692
Total of all cheese	5,615,372	6,059,436	6,054,855	6,488,291	6,528,172	6,734,691	6,916,896	7,217,544
Cottage cheese:								
Curd ²	526,913	493,452	490,909	502,411	471,364	463,283	458,918	448,327
Creamed ²	572,263	530,636	497,928	457,340	430,518	409,954	384,889	360,413
Lowfat ²	300,881	301,833	321,109	329,504	317,009	321,077	325,928	329,890
Sweetened condensed milk:								
Bulk goods:								
Skimmed	66,263	44,510	125,161	126,380	97,690	56,582	48,610	39,031
Unskimmed	93,480	105,371	132,579	129,704	139,211	118,800	108,949	114,933
Unsweetened condensed milk:								
Bulk goods:								
Skimmed	1,079,799	1,131,512	1,122,060	1,196,110	1,269,557	1,333,310	1,121,027	1,015,432
Unskimmed	177,466	144,417	150,037	162,912	99,034	84,774	93,253	100,407
Evaporated and condensed milk:								
Case goods:								
Skimmed	20,169	12,536	16,952	16,456	22,235	26,664	26,077	28,681
Unskimmed	525,128	602,647	543,094	582,115	534,507	537,881	476,656	463,613
Condensed or evaporated buttermilk	40,476	37,247	39,572	46,026	46,525	34,133	36,977	32,142
Dry buttermilk	60,517	55,851	59,928	61,077	50,988	52,307	54,761	48,777
Dry whole milk	175,768	175,129	106,778	168,322	153,830	166,786	171,317	134,351
Nonfat dry milk	874,667	879,212	877,525	872,123	954,485	1,230,855	1,232,994	1,061,771
Dry skim milk (animal feed)	18,705	23,221	7,216	9,948	9,802	11,187	9,560	6,279
Dry whey	1,069,470	1,143,259	1,167,394	1,237,283	1,196,378	1,211,787	1,147,265	1,116,514
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Ice cream	831,159	823,610	862,638	866,110	866,248	876,097	862,232	878,572
Ice cream, lowfat ³	376,507	352,271	341,793	328,185	325,346	358,605	356,861	366,126
Sherbet (does not include water ices) ..	52,662	50,278	47,379	49,940	50,813	54,093	53,496	52,611

¹ Preliminary. ² Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat. ³ Includes freezer-made milkshake in most States.

Table 8-21.—Dairy products: Factory production of specified items, by States, 1994–96

State	Butter			Total American cheese ²			Total cheese ³		
	1994	1995	1996 ¹	1994	1995	1996 ¹	1994	1995	1996 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
CA	344,657	346,503	305,667	351,149	354,132	410,915	922,887	951,677	1,053,979
ID				264,602	347,233	388,667		389,914	432,888
IL				1,622			102,246	111,577	115,248
IA				105,707	97,125	99,106	268,828	240,577	225,189
KS	12,038			38,926	28,884	29,328	38,926	28,884	29,328
MA							902	1,030	934
MI	20,045	21,268	22,110				116,276	111,010	106,603
MN	52,829	52,648	58,575	571,746	609,946	589,545	658,036	678,405	682,058
MO							198,540	144,378	159,049
NE							121,699	116,356	110,876
NJ							13,655	25,622	
NY	22,717	25,556	27,173	92,883	83,901	88,033	559,636	556,999	583,689
ND	4,945	4,275	4,059	31,047	29,506	24,820	31,047	29,506	24,820
OH	42,858				19,289	31,875	102,655	105,862	109,576
OR	16,833	20,538	19,536	45,805	51,151		45,978	51,281	52,157
PA	80,912	79,821	79,331				348,285	347,774	340,587
SD				41,723	39,103	50,404	148,484	147,746	137,897
TN					17,412	10,733		17,675	10,838
UT				42,522	38,930	36,654	86,167	80,893	84,702
VT				36,545	27,969		122,872	137,210	134,031
WA	120,888	98,805	95,342	25,664	29,522	52,204	79,110	82,377	104,284
WI	295,455	280,538	294,956	905,231	945,095	965,053	2,024,068	2,090,827	2,095,946
Other	281,765	334,522	267,726	419,248	412,192	503,462	697,738	469,316	622,865
US ..	1,295,942	1,264,474	1,174,475	2,974,420	3,131,390	3,280,799	6,734,691	6,916,896	7,217,544

See footnotes at end of table.

Table 8-21.—Dairy products: Factory production of specified items, by States, 1994-96—Continued

State	Evaporated and sweetened condensed whole milk (case goods)			Nonfat dry milk for human food			Total ice cream		
	1994	1995	1996 ¹	1994	1995	1996 ¹	1994	1995	1996 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
AK							32	29	45
AZ							7,698	7,831	7,429
CA				429,761	443,347	425,971	111,194	111,922	108,830
CO							10,663	9,977	10,262
FL							26,032	26,238	
GA							9,218	10,152	
ID							6,794	7,242	7,266
IL							30,507	31,205	34,406
IN							45,367	43,965	45,328
IA					54,867	58,466			
KS							3,500	3,130	3,225
MD							17,974	16,534	
MI				30,088	36,099	29,396	29,615	27,861	29,296
MN				34,435	25,824	14,097	37,843	37,826	41,071
MO							18,614	16,600	16,401
NM						12,155		5,316	
NY				24,794	32,254	24,155	37,282	35,930	32,203
NC							32,621	29,807	27,478
ND				531	1,000	485	899	911	1,005
OH							48,019	43,419	41,440
OR							9,474	9,954	10,519
PA							72,786	66,012	
SC							9,905	9,946	10,639
TN					9,958	4,220	16,730	13,683	14,217
TX							47,711	50,982	47,783
UT							10,203	12,305	17,615
WA				212,628	213,233	188,137	21,062	21,146	21,523
WI				71,413	60,060	34,412	11,664	11,334	12,608
Other				427,205	356,352	270,277	168,239	200,975	337,983
US	537,881	476,656	463,613	1,230,855	1,232,994	1,061,771	876,097	862,232	878,572

¹Preliminary. ²Includes Colby, washed curd, high and low moisture Jack, and Monterey. ³Includes full-skim American cheese; excludes cottage cheese.

Table 8-22.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1987–96

Year	Milk cows, per head ¹	Milk per 100 pounds ²					
		Eligible for fluid market ³		Of manufacturing grade		All milk wholesale	
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1987	920.00	12.66	3.65	11.37	3.66	12.54	3.65
1988	990.00	12.36	3.67	11.15	3.68	12.26	3.67
1989	1,030.00	13.66	3.68	12.38	3.70	13.56	3.68
1990	1,160.00	13.89	3.64	12.34	3.70	13.74	3.65
1991	1,100.00	12.30	3.65	11.05	3.71	12.27	3.66
1992	1,130.00	13.19	3.68	11.91	3.73	13.15	3.68
1993	1,160.00	12.88	3.66	11.80	3.76	12.84	3.66
1994	1,170.00	13.02	3.65	11.85	3.76	13.01	3.66
1995	1,130.00	12.80	3.65	11.79	3.75	12.78	3.66
1996	1,090.00	14.79	3.69	13.43	3.78	14.75	3.69

¹ Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year. ² Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums. ³ Milk eligible for fluid market, including surplus diverted to manufacturing.

NASS, Livestock and Economics Branch, (202) 720-3570.

Table 8-23.—Dairy products: Manufacturers' average selling price¹ of specified products, United States, 1987–96

Year	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound, f.o.b. factory	Dry whole milk, per pound, f.o.b. factory
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1987	79.30	43.57	112.71
1988	76.58	48.11	113.50
1989	95.16	64.45	126.03
1990	94.29	60.03	126.29
1991	88.29	54.72	109.20
1992	102.41	56.77	116.11
1993	107.34	55.80	113.02
1994	105.96	52.54	114.18
1995	105.31	50.13	111.89
1996	117.36	60.22	128.31

¹ Includes milk sold in bulk and in package.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-24.—Dairy products: Manufacturers' stocks, end of month, United States, 1995 and 1996

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1995	1996	1995	1996	1995	1996
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	56,402	35,515	12,386	7,311	114,773	71,687
February	62,571	39,198	13,942	8,557	93,972	80,018
March	70,534	43,445	15,211	9,809	97,525	98,399
April	81,435	49,961	16,499	10,214	127,069	100,272
May	98,015	51,780	14,440	9,391	128,964	86,463
June	104,335	48,743	10,840	9,037	141,922	82,488
July	106,696	42,258	9,556	7,291	140,175	76,801
August	101,898	41,398	8,020	6,217	102,131	66,089
September	90,065	35,713	6,118	4,551	78,293	50,233
October	69,098	21,762	6,709	3,807	70,066	47,216
November	43,494	16,734	6,013	2,589	50,279	49,210
December	31,320	19,485	7,318	6,422	70,600	71,110

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-25.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1995¹

Federal milk order marketing area	Whole milk items ²		Lowfat and skim milk items ³		Total fluid milk items	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>
NORTH ATLANTIC	4,331	3.24	5,369	1.19	9,700	2.11
New England	1,014	3.17	1,532	1.15	2,546	1.96
New York-New Jersey	2,276	3.26	2,078	1.19	4,354	2.27
Middle Atlantic	1,042	3.26	1,759	1.22	2,801	1.98
SOUTHEASTERN ⁴	4,178	3.27	5,567	1.25	9,745	2.12
Carolina	820	3.26	1,045	1.24	1,866	2.13
Tennessee Valley	239	3.27	465	1.39	704	2.03
Paducah ⁵	19	3.27	39	1.55	58	2.12
Southeast ⁶	1,968	3.26	2,540	1.29	4,508	2.15
Upper Florida	324	3.28	523	1.17	848	1.98
Tampa Bay	354	3.33	531	1.12	885	2.00
Southeastern Florida	472	3.31	463	1.10	935	2.21
EAST NORTH CENTRAL	2,693	3.26	8,385	1.42	11,078	1.87
Michigan Upper Peninsula	13	3.24	83	1.50	95	1.73
Southern Michigan	562	3.28	1,282	1.27	1,844	1.88
Eastern Ohio-Western Pa.	477	3.22	1,278	1.46	1,755	1.94
Ohio Valley	454	3.26	1,324	1.52	1,779	1.96
Indiana	230	3.30	938	1.47	1,168	1.83
Chicago Regional	563	3.28	2,117	1.36	2,679	1.77
Central Illinois	32	3.26	167	1.51	200	1.79
S. Ill.-E. Missouri	191	3.22	714	1.44	905	1.81
Louisville-Lex.-Evans.	172	3.28	482	1.47	654	1.94
WEST NORTH CENTRAL ⁴	475	3.23	2,775	1.21	3,250	1.50
Upper Midwest	158	3.16	1,304	1.10	1,462	1.32
Eastern South Dakota	11	3.25	101	1.36	112	1.54
Black Hills	7	3.34	34	1.46	41	1.77
Iowa	89	3.30	591	1.26	680	1.53
Nebraska-Western Iowa	83	3.25	386	1.29	469	1.64
Greater Kansas City	134	3.25	393	1.38	527	1.85
WEST SOUTH CENTRAL	2,010	3.30	2,364	1.32	4,375	2.23
Southwest Plains	492	3.29	728	1.37	1,220	2.15
Texas	1,519	3.30	1,636	1.30	3,154	2.26
MOUNTAIN	1,059	3.29	2,322	1.44	3,381	2.02
Eastern Colorado	182	3.32	519	1.41	702	1.90
Western Colorado	18	3.30	52	1.48	70	1.94
S.W. Idaho-E. Oreg	36	3.32	141	1.54	177	1.90
Great Basin	177	3.28	699	1.45	876	1.82
Central Arizona	268	3.28	638	1.43	905	1.98
New Mexico-West Texas	379	3.30	273	1.42	651	2.51
PACIFIC	371	3.22	1,841	1.43	2,212	1.73
Pacific Northwest	371	3.22	1,841	1.43	2,212	1.73
Combined areas ⁴	15,117	3.26	28,624	1.32	43,742	1.99

See footnotes at end of table.

Table 8-25.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1996¹—Continued

Federal milk order marketing area	Whole milk items ²		Lowfat and skim milk items ³		Total fluid milk items	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
NORTH ATLANTIC	4,335	3.21	5,384	1.15	9,719	2.07
New England	1,038	3.07	1,536	1.13	2,574	1.91
New York-New Jersey	2,265	3.26	2,077	1.13	4,342	2.24
Middle Atlantic	1,032	3.26	1,771	1.20	2,803	1.96
SOUTHEASTERN⁴	4,282	3.24	5,708	1.23	9,990	2.09
Carolina	909	3.13	1,053	1.21	1,963	2.10
Tennessee Valley	254	3.23	494	1.37	748	2.00
Southeast	1,961	3.27	2,612	1.29	4,573	2.14
Upper Florida	338	3.27	537	1.16	874	1.98
Tampa Bay	343	3.31	537	1.09	880	1.96
Southeastern Florida	478	3.30	475	1.09	953	2.20
EAST NORTH CENTRAL	2,674	3.26	8,419	1.38	11,093	1.84
Michigan Upper Peninsula	12	3.30	84	1.43	96	1.67
Southern Michigan	556	3.27	1,284	1.25	1,840	1.86
Eastern Ohio-Western Pa.	463	3.23	1,284	1.43	1,747	1.91
Ohio Valley	468	3.26	1,344	1.48	1,812	1.94
Indiana	224	3.27	927	1.44	1,151	1.80
Chicago Regional	561	3.27	2,143	1.33	2,703	1.73
Central Illinois	33	3.27	170	1.47	203	1.76
S. Ill.-E. Missouri	187	3.23	702	1.40	889	1.78
Louisville-Lex.-Evans.	170	3.28	482	1.43	652	1.91
WEST NORTH CENTRAL⁴	473	3.24	2,818	1.17	3,290	1.47
Upper Midwest	154	3.18	1,334	1.06	1,488	1.28
Eastern South Dakota	11	3.23	103	1.32	113	1.50
Black Hills ⁷	5	3.33	26	1.44	32	1.75
Iowa	88	3.29	590	1.22	678	1.49
Nebraska-Western Iowa	85	3.26	393	1.26	478	1.62
Greater Kansas City	134	3.26	398	1.32	532	1.81
WEST SOUTH CENTRAL	2,050	3.30	2,451	1.31	4,501	2.22
Southwest Plains	489	3.28	744	1.36	1,232	2.12
Texas	1,562	3.31	1,707	1.29	3,269	2.25
MOUNTAIN	1,074	3.29	2,403	1.41	3,477	1.99
Eastern Colorado	193	3.28	535	1.36	727	1.87
Western Colorado	19	3.30	56	1.44	75	1.90
S.W. Idaho-E. Oreg	34	3.32	144	1.50	177	1.84
Great Basin	188	3.28	721	1.42	909	1.80
Central Arizona	270	3.27	663	1.43	933	1.97
New Mexico-West Texas	370	3.32	285	1.39	655	2.48
PACIFIC	370	3.23	1,869	1.40	2,239	1.70
Pacific Northwest	370	3.23	1,869	1.40	2,239	1.70
Combined areas⁴	15,258	3.25	29,051	1.29	44,309	1.96

¹ In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. ² Plain, flavored, and miscellaneous whole milk products. ³ Plain, fortified, flavored, and miscellaneous lowfat and skim milk products, and butter-milk. ⁴ Figures are based on the same group of comparable markets-markets where the orders were in effect the entire period, January 1, 1995-December 31, 1996, and for which the data were not affected significantly by marketing area changes; excludes Paducah, and Black Hills see ⁵ and ⁷. ⁵ Effective November 1, 1995, the Federal milk order regulating this marketing area were terminated. Data for 1995 are for January through October. ⁶ New marketing area, effective July 1, 1995, resulting from the merger of the Georgia, Alabama-West Florida, New Orleans-Mississippi, Central Arkansas, Greater Louisiana marketing areas and an accompanying marketing area expansion. Data for the period prior to this date have been estimated based on the area covered by the new marketing area. ⁷ Effective October 1, 1996, the Federal milk order regulating this marketing area was terminated. Data for 1996 are for January through September.

AMS, Dairy Programs, (202) 720-7461.

Table 8-26.—Milk: Supply and utilization, United States, 1987–96

Item	1987	1988	1989	1990	1991
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production	142,709	145,034	143,893	147,721	147,697
Net imports of ingredients (milk equivalent) ²	238	212	183	195	102
Net change in storage cream (milk equivalent) ³ ...	13	0	-2	-4	0
Total supply	142,960	145,246	144,074	147,912	147,799
Utilization (milk equivalent):					
Used in manufactured products:					
 Creamery butter, total milk equivalent	24,966	27,116	28,486	29,391	30,039
Milk equivalent of butter from whey cream	2,894	4,017	3,961	4,348	4,296
Net milk equivalent	21,072	23,099	24,525	25,043	25,743
 Cheese:					
American	27,297	27,571	26,605	28,964	27,950
Other	15,554	16,540	16,943	18,404	18,819
Cottage cheese, creamed	884	857	704	672	644
 Canned milk:					
Evaporated and sweetened condensed	1,272	1,285	1,144	1,332	1,194
 Bulk condensed whole milk:					
Unsweetened	707	640	428	351	364
Sweetened	184	172	215	243	236
Dry whole milk	1,067	1,263	1,286	1,292	785
Ice cream and other frozen dairy products, total milk equivalent	15,697	15,115	14,600	14,321	14,818
Milk equivalent of butter and condensed milk used in ice cream	2,241	2,155	2,069	2,014	2,092
Net milk equivalent	13,456	12,960	12,531	12,307	12,726
Other manufactured products ⁴	452	388	357	332	356
 Total manufactured products	81,945	84,775	84,738	88,940	88,817
Available for use in fluid products:					
Sold by dealers	52,232	53,277	54,235	54,435	54,815
Sold by producers directly to consumers ⁵	1,197	1,134	1,038	953	981
 Total available for fluid products	53,429	54,411	55,273	55,388	55,796
Used on farms where produced:					
Fed to calves	1,599	1,589	1,496	1,484	1,480
Used for farm-churned butter	659	613	563	512	494
 Total used on farms	2,258	2,201	2,059	1,996	1,974
Residual⁶	5,327	3,646	1,822	1,396	1,110
Total utilization	142,960	145,034	143,893	147,721	147,697

See footnotes at end of table.

Table 8-26.—Milk: Supply and utilization, United States, 1987–96—Continued

Item	1992	1993	1994	1995	1996 ¹
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production	150,885	150,582	153,664	155,425	154,331
Net imports of ingredients (milk equivalent) ²	145	127	148	144	182
Net change in storage cream (milk equivalent) ³ ...	-5	5	-1	1	N.A.
Total supply	151,025	150,714	153,811	155,570	154,513
Utilization (milk equivalent):					
Used in manufactured products:					
 Creamery butter, total milk equivalent	30,478	29,493	29,127	28,388	26,187
Milk equivalent of butter from whey cream	4,150	4,500	4,592	4,735	4,911
Net milk equivalent	26,328	24,993	24,535	23,653	21,276
 Cheese:					
American	29,263	29,415	29,651	31,175	32,551
Other	20,195	20,456	21,492	21,414	21,386
Cottage cheese, creamed	592	557	524	494	461
 Canned milk:					
Evaporated and sweetened condensed	1,872	1,178	1,184	1,049	1,013
 Bulk condensed whole milk:					
Unsweetened	417	244	205	203	242
Sweetened	301	324	277	254	266
Dry whole milk	1,227	1,130	1,227	1,262	983
Ice cream and other frozen dairy products, total milk equivalent	14,191	14,058	15,265	15,094	15,248
Milk equivalent of butter and condensed milk used in ice cream	2,367	1,995	2,083	2,053	2,058
Net milk equivalent	11,824	12,063	13,182	13,041	13,190
Other manufactured products ⁴	188	199	216	252	217
 Total manufactured products	92,207	90,559	92,493	92,795	91,585
Available for use in fluid products:					
Sold by dealers	54,244	54,361	53,583	55,114	55,797
Sold by producers directly to consumers ⁵	1,050	967	1,057	1,306	1,323
 Total available for fluid products	55,294	55,328	54,640	56,420	57,120
Used on farms where produced:					
Fed to calves	1,436	1,408	1,305	1,230	1,189
Used for farm-churned butter	455	428	394	346	301
 Total used on farms	1,892	1,836	1,700	1,576	1,489
Residual⁶	1,632	2,991	4,978	4,779	4,319
Total utilization	151,025	150,714	153,811	155,570	154,513

¹ Preliminary. ² Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. ³ Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage. ⁴ Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat. ⁵ Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. ⁶ Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates. NA—not available.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-27.—Milk markets under Federal order program: Blend and Class I milk prices at 3.5 percent fat test, number of producers, producer deliveries, producer deliveries used in Class I, Class I percentage, average daily deliveries per producer, average fat test of milk delivered by markets, 1995 and 1996

Federal milk order marketing area	Class I price per hundredweight		Blend price per hundredweight ¹		Average number of producers		Total producer deliveries	
	1996	1995	1996	1995	1996	1995	1996	1995
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Number</i>	<i>Million Pounds</i>	<i>Million Pounds</i>
NORTH ATLANTIC								
New England ²	16.88	14.87	15.32	13.32	4,019	4,102	5,383	5,370
New York-New Jersey ³	16.75	14.77	15.10	13.27	10,855	11,352	11,721	11,935
Middle Atlantic ⁴	16.73	14.66	14.97	12.96	4,990	4,967	6,092	6,210
SOUTHEASTERN								
Carolina ⁵	16.70	14.70	16.15	14.04	1,633	1,641	2,623	2,591
Tenn. Valley ⁶	16.41	14.39	15.81	13.70	1,574	1,601	1,372	1,437
Southeast ^{7,8}	16.70	14.78	15.99	14.05	3,929	4,377	5,108	5,435
Upper Florida	17.21	15.13	.....	14.55	.....	217	.....	720
Tampa Bay ⁹	17.46	15.51	16.87	15.04	477	261	2,777	1,091
Southeastern Florida ¹⁰	17.81	15.81	.....	15.54	.....	110	.....	989
EAST NORTH CENTRAL								
Mich. Upper Penin. ¹¹	15.00	12.98	14.61	12.69	87	95	64	63
Southern Mich. ^{12,13}	15.38	13.37	14.34	12.43	3,605	3,749	4,474	4,642
East. Ohio-W. Pa. ¹⁴	15.63	13.63	14.64	12.73	3,691	3,983	3,282	3,476
Ohio Valley ¹⁵	15.68	13.67	14.79	12.86	2,829	2,910	2,977	2,877
Indiana ¹⁶	15.54	13.53	14.80	12.83	1,744	1,801	1,917	1,944
Chicago Regional ^{12,17}	15.04	13.03	13.64	12.06	15,424	17,577	12,523	14,249
Central Illinois ¹⁸	15.24	13.24	14.92	12.82	206	227	175	203
S. Ill.-E. Mo. ^{12,19}	15.52	13.55	14.71	12.78	2,016	2,222	1,932	2,259
Louis.-Lex.-Evans.	15.71	13.74	15.21	13.14	1,368	1,468	1,042	1,113
WEST NORTH CENTRAL								
Upper Midwest ^{12,20}	14.86	12.83	13.50	11.90	11,820	12,090	8,402	9,259
Iowa ^{12,21}	15.19	13.18	13.95	12.26	3,119	3,301	2,695	2,892
Nebr.-W. Iowa ^{12,22}	15.39	13.38	13.99	12.27	1,297	1,512	1,490	1,700
G. Kans. City ²³	15.17	13.55	15.09	13.13	619	602	662	666
WEST SOUTH CENTRAL								
Southwest Plains ²⁴	16.42	14.39	14.94	12.88	2,902	3,276	3,514	4,031
Texas ²⁵	16.81	14.78	15.05	13.18	1,732	2,071	6,561	6,565
MOUNTAIN								
E. Colorado ²⁶	16.37	14.35	14.82	13.02	445	526	1,784	1,766
SW. Idaho-E. Oreg. ^{12,27}	15.14	13.12	13.57	11.91	411	413	2,622	2,159
Great Basin. ^{12,28}	15.54	13.53	14.33	12.53	625	658	2,540	2,403
Central Arizona ²⁹	16.14	14.14	14.46	12.76	133	135	2,383	2,253
New Mex.-W.Texas ³⁰	15.97	13.97	14.07	12.39	225	179	2,121	1,862
PACIFIC								
Pacific Northwest ^{12,31}	15.54	13.52	13.96	11.89	1,236	1,319	6,265	6,388

See footnotes at end of table.

Table 8-27.—Milk markets under Federal order program: Blend and Class I milk prices at 3.5 percent fat test, number of producers, producer deliveries, producer deliveries used in Class I, Class I percentage, average daily deliveries per producer, average fat test of milk delivered by markets, 1995 and 1996—Continued

Federal milk order marketing area	Producer Deliveries used in CL. I		Class I utilization		Daily deliveries per producer		Average fat test	
	1996	1995	1996	1995	1996	1995	1996	1995
	Million Pounds	Million Pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
NORTH ATLANTIC								
New England ²	2,599	2,574	48.3	47.9	3,658	3,587	3.73	3.69
New York-New Jersey ³	4,784	4,804	40.8	40.3	2,949	2,879	3.70	3.65
Middle Atlantic ⁴	2,903	2,774	47.7	44.7	3,347	3,425	3.71	3.65
SOUTHEASTERN								
Carolina ⁵	2,165	1,993	82.5	76.9	4,433	4,386	3.67	3.60
Tenn. Valley ⁶	1,079	1,058	78.6	73.6	2,385	2,462	3.61	3.58
Southeast ^{7,8}	4,120	4,158	80.7	76.5	3,552	3,491	3.59	3.56
Upper Florida		603		83.6		20,187		3.50
Tampa Bay ⁹	2,440	936	87.8	85.8	22,905	16,127	3.59	3.50
Southeastern Florida ¹⁰		914		92.4		45,751		3.45
EAST NORTH CENTRAL								
Mich. Upper Penin. ¹¹	50	48	46.3	76.3	2,019	1,844	3.70	3.68
Southern Mich. ^{12,13}	2,071	2,072	76.3	44.6	3,392	3,391	3.68	3.66
East. Ohio-W. Pa. ¹⁴	1,754	1,794	53.5	51.6	2,430	2,389	3.75	3.72
Ohio Valley ¹⁵	1,678	1,577	56.4	54.8	2,876	2,710	3.73	3.73
Indiana ¹⁶	1,188	1,175	62.0	60.5	3,008	2,963	3.73	3.74
Chicago Regional ^{12,17}	2,554	2,517	20.4	17.7	2,190	2,204	3.78	3.75
Central Illinois ¹⁸	142	139	81.2	68.4	2,330	2,447	3.74	3.74
S. Ill.-E. Mo. ^{12,19}	1,103	1,152	57.1	51.0	2,618	2,770	3.73	3.71
Louis.-Lex.-Evans.	811	811	77.9	72.8	2,084	2,086	3.63	3.62
WEST NORTH CENTRAL								
Upper Midwest ^{12,20}	1,647	1,595	19.6	17.2	2,574	2,446	3.75	3.72
Iowa ^{12,21}	973	980	36.1	33.9	2,665	2,662	3.75	3.71
Nebr.-W. Iowa ^{12,22}	610	598	41.0	35.2	3,515	3,204	3.74	3.71
G. Kans. City ²³	342	444		66.6	3,159	3,032	3.70	3.68
WEST SOUTH CENTRAL								
Southwest Plains ²⁴	1,502	1,514	42.8	37.6	3,307	3,364	3.62	3.60
Texas ²⁵	3,260	3,118	49.7	47.5	10,322	8,701	3.57	3.56
MOUNTAIN								
E. Colorado ²⁶	812	784	45.5	44.4	10,982	9,163	3.66	3.64
SW. Idaho-E. Oreg. ^{12,27}	180	179	6.9	8.3	17,434	14,217	3.61	3.62
Great Basin. ^{12,28}	877	839	34.5	34.9	11,109	9,977	3.63	3.60
Central Arizona ²⁹	1,031	1,037	43.3	46.0	48,989	45,846	3.59	3.62
New Mex.-W. Texas ³⁰	681	693	32.1	37.2	27,749	33,376	3.57	3.61
PACIFIC								
Pacific Northwest ^{12,31}	2,130	2,089	34.0	32.7	13,911	13,149	3.64	3.63

¹For pricing location of Class I and blend prices, see indicated footnotes. For individual handler pools, figures are the weighted average of blend prices for all handlers. For markets with base-excess plans, figures are the weighted average of base and excess prices. For markets with multiple component pricing plans, figures are the basic formula price plus the weighted average differential price. ²Zone 1 (Boston). Price at 201-210 mile zone; Class I and blend are 72 cents less. ³New York metropolitan area. Prices at 201-210 mile zone; Class I and blend 72 cents less. ⁴Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. ⁵Charlotte. ⁶Bristol, Chattanooga, and Knoxville. ⁷New marketing area. Effective July 1, 1995. The Georgia, Alabama-West Florida, New Orleans-Mississippi, Central Arkansas, and Greater Louisiana marketing areas were merged to form the Southeast marketing area. Data for the period prior to this date are the summation or weighted average of the data for the five merged markets. Figures for 1995 also include data for the Paducah order. ⁸Zone 7 (Atlanta and Birmingham). ⁹For 1996, except for the Class I price, data are a summation or weighted average of the Tampa Bay, Upper Florida, and Southeastern Florida marketing areas. The data are combined in order to mask the data for Upper Florida which are restricted. ¹⁰Miami. ¹¹Zone II (Marquette). ¹²Because the blend price adjusted for location was equal to or less than the Class III price in the outer zones of these markets in some months, in 1995 and 1996 handlers elected not to pool milk that normally would have been pooled under those orders. ¹³Zone I, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. ¹⁴Cleveland and Pittsburgh. ¹⁵Zone 3 (Columbus). ¹⁶Indianapolis. ¹⁷Zone I (Chicago). ¹⁸Peoria. ¹⁹Base zone (Alton). ²⁰Zone I (Minneapolis). ²¹Zone 1 (Des Moines). ²²Zone 1 (Omaha). ²³Kansas City and Topeka. Note: Price data are for Greater Kansas City. Other data are a combination of Greater Kansas City, Eastern South Dakota, and Black Hills (through September 1996). Effective October 1, 1996, the Black Hills Federal milk order was terminated. Consequently, the Class I use data for the two remaining orders became confidential and could not be included in the annual figures. ²⁴Zone I (Oklahoma City). ²⁵Zone I (Dallas). ²⁶Denver. Note: Price data are for Eastern Colorado. Other data are a combination of Eastern Colorado and Western Colorado. ²⁷Boise, Idaho. ²⁸Salt Lake City, Utah. ²⁹Phoenix. ³⁰Albuquerque, Santa Fe, and El Paso. ³¹Zone I (Seattle and Portland).

Table 8-28.—Fluid milk and cream: Total and per capita consumption, United States, 1987–96¹

Year	Consumption		Year	Consumption	
	Total	Per capita		Total	Per capita
	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Pounds</i>
1987	57.8	238	1992	58.8	230
1988	57.3	234	1993	58.2	226
1989	58.3	236	1994	58.9	226
1990	58.2	233	1995	58.7	223
1991	58.8	233	1996	59.3	224

¹ Sales of beverage, cream, and specialty fluid products plus farm household use. ERS, Animal Products Branch, (202) 694-5187.

Table 8-29.—Dairy products: Average price per pound for specified products, 1992–96

Item and market	1992	1993	1994	1995	1996
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA	0.8427	0.7693	0.7068	0.8188	1.0824
Grade A	0.8254	0.7436	0.6737	0.7559	1.0035
Butter ¹ Chicago Mercantile Exchange:					
Grade AA:					
High	0.9725	0.8125	0.7575	1.1000	1.5300
Low	0.7525	0.6400	0.6500	0.6500	0.7200
Grade A:					
High	0.9625	0.7625	0.7100	1.0300	1.4700
Low	0.7425	0.6300	0.6300	0.6300	0.6400
Cheese, Cheddar, f.o.b. Wisconsin Assembly Points:					
Barrels	1.2512	1.2612	TFEWR	TFEWR	1.4172
40-pound blocks	1.3191	1.3152	1.3145	1.3277	1.4914
Cheese, cheddar, ¹ National Cheese Exchange, Inc.: ²					
Barrels:					
High	1.3500	1.3650	1.3725	1.3825	1.6675
Low	1.1350	1.1200	1.1650	1.1725	1.1475
40-pound blocks:					
High	1.3875	1.3925	1.3975	1.4225	1.6950
Low	1.1525	1.1600	1.1825	1.2000	1.1875
Nonfat dry milk, f.o.b.plant, Western States Production Area: ³					
Low/medium heat			1.0460	1.0549	1.1708
High heat	1.0305	1.0740	1.0639	1.0721	1.2049
Whey Powder, f.o.b. plant, Western States Production Area:					
Edible (nonhygroscopic)	0.2084	0.1770	0.1835	0.2075	0.2202

TFEWR: Too few to report; one or more monthly averages was not available. ¹ Prices represent high and low for the year. ² Green Bay, Wisconsin. ³ Over this time period, the product reported in this price series has changed as follows. For 1992, Extra Grade and Grade A were reported separately; figures shown are for Grade A, Extra Grade was TFEWR. In 1993, Extra Grade and Grade A were combined. In April 1994, the low/medium heat and high heat treatments were reported separately; figures shown are the average for April-December. AMS, Dairy Programs, (202) 720-7461.

Table 8-30.—Dairy products: Total disappearance, and total and per capita consumption, United States, 1987–96¹

Year	Butter			Cheese ²			Condensed and evaporated milk ³		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1987	1,214	1,132	4.7	5,939	5,851	24.1	976	910	3.7
1988	1,144	1,102	4.5	5,886	5,810	23.7	927	857	3.5
1989	1,240	1,077	4.4	5,959	5,885	23.8	819	759	3.1
1990	1,165	1,095	4.4	6,231	6,156	24.6	828	787	3.1
1991	1,209	1,101	4.4	6,393	6,321	25.0	854	800	3.2
1992	1,464	1,114	4.4	6,720	6,642	26.0	872	820	3.2
1993	1,530	1,209	4.7	6,853	6,766	26.2	843	785	3.0
1994	1,463	1,255	4.8	7,095	6,994	26.8	733	668	2.6
1995	1,329	1,186	4.5	7,279	7,174	27.3	699	608	2.3
1996	1,182	1,138	4.3	7,478	7,364	27.7	690	600	2.3

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1987	4,456	4,456	18.4	145	133	.55	1,571	603	2.5
1988	4,234	4,234	17.3	167	143	.58	1,106	633	2.6
1989	3,990	3,990	16.1	176	134	.54	882	526	2.1
1990	3,953	3,953	15.8	177	159	.64	767	723	2.9
1991	4,107	4,107	16.3	110	92	.36	826	656	2.6
1992	4,157	4,157	16.3	167	124	.49	1,008	719	2.8
1993	4,157	4,157	16.1	157	101	.39	946	634	2.5
1994	4,205	4,205	16.1	164	103	.40	1,191	914	3.5
1995	4,139	4,139	15.7	173	106	.40	1,280	910	3.5
1996	4,217	4,217	15.9	137	95	.36	1,081	1,004	3.8

¹Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent consumption was obtained by subtracting ending stocks, shipments, and exports, from the total supply. The per capita consumption for each year was obtained by dividing the total apparent consumption by the number of persons. ²Includes all kinds of cheese except cottage and full-skim American. ³The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened, unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

ERS, Animal Products Branch, (202) 694-5187.

Table 8-31.—Dairy products: Dec. 31 stocks, United States, 1987–96

Year	Butter ^{1,2}	Cheese ^{1,3}	Canned milk ¹	Dry whole milk	Nonfat dry milk for human consumption ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1987	147,291	460,154	33,914	8,042	177,191
1988	214,992	397,706	45,316	12,779	53,077
1989	274,832	329,455	27,792	12,967	49,500
1990	416,518	457,977	58,818	11,193	161,931
1991	549,581	416,287	35,787	8,490	214,784
1992	454,211	470,496	44,308	9,144	81,198
1993	243,839	465,762	34,281	6,479	89,568
1994	80,181	437,256	47,014	9,220	131,201
1995	18,628	412,237	31,701	7,318	84,978
1996	13,707	487,174	19,937	6,422	71,414

¹Includes Government holdings. ²Includes butter equivalent of butteroil held by CCC. ³Excludes cottage and full-skim American cheese. Includes process American cheese held by CCC

ERS, Animal Products Branch, (202)694-5187.

Table 8-32.—Butter: Production in specified countries, 1994–96

Continent and country	1994	1995	1996 ¹	Continent and country	1994	1995	1996 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Eastern Europe:			
Canada	88	93	93	Poland	160	163	160
Mexico	22	22	13	Romania	13	16	13
United States	588	573	533	Total	173	179	173
Total	698	688	639	Former USSR:			
South America:				Russia	488	419	290
Argentina	43	51	52	Ukraine	254	219	163
Brazil	60	65	70	Total	742	638	453
Total	103	116	122	North Africa:			
Europe:				Egypt	7	6	7
Austria	42	42	42	Total	7	6	7
Belgium and Luxembourg	73	91	87	Southeast Asia:			
Denmark	59	54	56	India ²	1,200	1,300	1,400
Finland	54	53	54	Total	1,200	1,300	1,400
France	444	453	462	Asia:			
Germany	461	486	480	Japan	80	80	86
Greece	6	6	5	Total	80	80	86
Ireland	136	150	150	Oceania:			
Italy	77	81	81	Australia ³	147	138	153
Netherlands	159	132	127	New Zealand ⁴	297	280	309
Portugal	17	19	21	Total	444	418	462
Spain	19	25	23	Grand total	5,221	5,217	5,130
Sweden	32	28	30				
United Kingdom	154	130	130				
Total	1,733	1,750	1,748				
Other Europe:							
Switzerland	41	42	40				
Total	41	42	40				

¹ Preliminary. ² Year ending April 1 of the year shown. ³ Year ending June 30 of the year shown. ⁴ Year ending May 31 of the year shown.

FAS, Dairy, Livestock, and Poultry Division, (202) 720-3761. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 8-33.—Dairy products: United States imports by type of product, 1987–96

Year	Dried milk ¹	Cheese				Butter ⁴	Casein
		Swiss ²	Cheddar ³	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1987	1,301	26,665	4,494	88,823	119,982	905	108,136
1988	988	23,306	5,438	85,833	114,577	1,020	73,676
1989	1,196	26,495	5,737	94,369	126,601	2,038	81,794
1990	810	30,563	8,970	97,553	137,086	1,464	85,119
1991	1,339	27,556	8,726	100,211	136,493	1,374	85,576
1992	1,238	24,466	8,186	97,013	129,665	947	91,340
1993	1,268	29,265	9,130	107,346	145,741	1,706	77,411
1994	1,593	29,554	7,802	119,349	156,705	1,245	95,972
1995	1,128	26,879	14,784	115,354	157,017	697	90,392
1996 ⁵	3,968	28,608	17,368	106,424	152,400	4,783	97,647

¹ Includes whole and skimmed milk. ² Includes Emmenthaler with eye-formation. ³ Includes American and Colby cheese. ⁴ Includes butter oil. ⁵ Preliminary.

FAS, Dairy, Livestock, and Poultry Division, (202) 720-3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-34.—Cheese: Production in specified countries, 1994–96

Continent and country	1994	1995	1996 ¹	Continent and country	1994	1995	1996 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Eastern Europe:			
Canada	282	277	289	Poland	129	123	133
Mexico	116	116	110	Romania	91	90	92
United States	3054	3138	3274	Total	220	213	225
Total	3,452	3,531	3,673	Former USSR:			
South America:				Russia	285	217	173
Argentina	385	370	390	Ukraine	105	72	60
Brazil	330	360	385	Total	390	289	233
Venezuela	74	76	77	North Africa:			
Total	789	806	852	Egypt	305	310	325
EU:				Total	305	310	325
Austria	84	79	81	Asia:			
Belgium and Luxembourg	56	54	64	Japan	30	31	33
Denmark	286	311	298	Total	30	31	33
Finland	80	83	83	Oceania:			
France	1,541	1,579	1,594	Australia ²	234	241	268
Germany	855	875	947	New Zealand ³	192	197	230
Greece	202	200	195	Total	426	438	498
Ireland	92	80	92	World total	11,194	11,349	11,686
Italy	913	942	950				
Netherlands	648	680	688				
Portugal	69	70	71				
Spain	160	165	160				
Sweden	133	128	127				
United Kingdom	326	354	364				
Total EU	5,445	5,600	5,714				
Other Western Europe:							
Switzerland	137	131	133				
Total	137	131	133				

¹ Preliminary. ² Year ending June 30. ³ Year ending May 31.

FAS, Dairy, Livestock and Poultry Division, (202) 720-3761. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 8-35.—Dairy products: United States imports by country of origin, 1994–96

Commodity and country of origin	1994	1995	1996 ¹	Commodity and country of origin	1994	1995	1996 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types:				Cheese, cheddar ² :			
Canada	2,575	5,020	4,938	Canada	795	871	1,112
Argentina	3,270	4,895	2,322	Ireland	69	150	154
Austria	7,992	4,345	2,997	Netherlands	69	150	154
Belgium and Luxembourg	695	806	811	United Kingdom	220	185	540
Denmark	13,478	13,272	13,430	Australia	2,014	1,879	2,568
Finland	5,785	6,760	6,412	New Zealand	4,347	6,039	7,587
France	9,179	10,589	11,183	Other countries ..	288	5,510	5,253
Germany, Fed. Rep. of	3,923	1,902	6,564	Total	7,802	14,784	17,368
Ireland	4,117	2,129	3,648	Cheese, Swiss ³ :			
Italy	28,264	28,734	27,581	Canada		272	1,139
Netherlands	7,930	9,613	9,578	Austria	6,303	2,159	2,159
Norway	6,373	7,095	6,561	Denmark	3,218	2,425	2,425
Portugal	695	568	575	Finland	5,248	6,115	6,115
Sweden	1,162	887	445	France	988	974	974
Switzerland	5,961	8,967	5,795	Germany, Fed. Rep. of	1,497	289	289
United Kingdom	11,156	4,757	9,207	Netherlands	284	174	174
Israel	1,285	1,239	1,166	Norway	5,992	6,798	6,798
Czech Republic ..	55	56	140	Switzerland	3,340	5,729	5,729
Hungary	899	1,236	447	Other countries ..	2,684	2,216	2,216
Poland	9,148	8,497	4,667	Total	29,554	26,879	26,879
Australia	5,196	6,585	5,799				
New Zealand	15,417	17,421	18,857				
Other countries ..	55,124	57,331	51,370				
Total	156,705	157,017	152,400				

¹ Preliminary. ² Includes American and Colby cheese. ³ Includes Emmentaler with eye-formation.

FAS, Dairy, Livestock and Poultry Division, (202) 720-3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-36.—Dairy products: Exports by principal exporting countries, 1994–96¹

Commodity and country	1994	1995	1996 ²	Commodity and country	1994	1995	1996 ²
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Butter:				Milk, dried whole:			
United States	94,000	64,000	19,000	United States	26,000	29,000	18,000
Belgium/Luxembourg	32,000	34,000	18,000	Argentina	24,000	58,000	55,000
Denmark	16,000	20,000	31,000	Belgium/Luxembourg	74,000	131,000	60,000
France	19,000	19,000	46,000	Denmark	94,000	90,000	82,000
Germany, Fed. Rep. of	4,000	26,000	11,000	France	103,000	73,000	122,000
Ireland	14,000	9,000	24,000	Ireland	28,000	25,000	25,000
Netherlands	56,000	46,000	30,000	Netherlands	205,000	224,000	177,000
Poland	8,000	10,000	13,000	United Kingdom	44,000	50,000	56,000
Australia ³	94,000	85,000	75,000	Australia ³	74,000	93,000	93,000
New Zealand ⁴	256,000	234,000	238,000	New Zealand ⁴	306,000	318,000	275,000
Other	85,000	124,000	137,000	Other	58,000	36,000	40,000
Total	678,000	671,000	642,000	Total	1,036,000	1,127,000	1,003,000
Cheese⁵:				Milk, nonfat dry milk:			
Denmark	126,000	115,000	85,000	Canada	35,000	44,000	35,000
Finland	27,000	29,000	10,000	United States	123,000	170,000	31,000
France	104,000	105,000	112,000	Belgium/Luxembourg	29,000	112,000	58,000
Germany, Fed. Rep. of	79,000	95,000	113,000	France	18,000	23,000	37,000
Italy	38,000	37,000	42,000	Germany, Fed. Rep. of	33,000	73,000	43,000
Netherlands	111,000	111,000	101,000	Ireland	26,000	34,000	30,000
Switzerland	59,000	64,000	57,000	Netherlands	21,000	86,000	26,000
Australia ³	97,000	111,000	111,000	Poland	112,000	98,000	77,000
New Zealand ⁴	138,000	138,000	173,000	Australia ³	176,000	188,000	167,000
Other	138,000	169,000	119,000	New Zealand ⁴	151,000	167,000	150,000
Total	917,000	969,000	923,000	Other	128,000	205,000	114,000
				Total	852,000	1,114,000	768,000

¹ Within the European Union, exports to other members are not included. ² Preliminary. ³ Year ending June 30. ⁴ Year ending May 31. ⁵ Excludes fresh cheese.

FAS, Dairy, Livestock and Poultry Division, (202) 720-3761. Prepared on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 8-37.—Dairy products: United States exports by type of product, 1987–96

Year	Butter	Cheese	Milk and cream			
			Evaporated and condensed	WMP—Whole dried	Nonfat dry milk	Ice cream
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1987	7,474	19,560	2,348	3,477	299,529	NA
1988	6,804	13,602	3,478	8,394	218,356	NA
1989	27,142	10,111	13,778	39,976	117,120	7,059
1990	52,449	11,885	3,934	5,113	7,722	12,698
1991	16,148	12,110	3,302	8,561	43,501	21,813
1992	66,896	15,206	8,800	28,203	74,577	32,583
1993	92,300	16,346	10,734	37,576	75,708	30,865
1994	45,487	22,499	19,595	29,230	49,045	36,320
1995	37,689	29,519	41,378	64,297	59,311	37,827
1996 ¹	20,795	32,428	39,580	16,181	18,422	39,765

¹ Preliminary. NA—not available. Ice cream data before 1989 in dollar value only. FAS, Dairy, Livestock and Poultry Division, (202) 720-3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-38.—Dairy products: United States exports by country of destination, 1994–96

Commodity and country of destination	1994	1995	1996 ¹	Commodity and country of destination	1994	1995	1996 ¹
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cheese, all types:				Milk, nonfat dry:			
Algeria	0	1,952	0	Algeria	20,730	34,912	2,167
Australia	41	58	251	Brazil	22	1,064	157
Bahamas	113	126	96	Colombia	1	19	306
Bermuda	248	238	234	Chile	154	981	7
Belize	101	60	40	Egypt	1,104	793	973
Canada	1,911	3,106	3,467	El Salvador	948	448	38
Cayman Island ..	19	32	14	Ecuador	16	0	60
Colombia	227	208	284	Guatemala	286	178	52
Dominican Rep ..	207	304	378	Indonesia	0	419	34
Egypt	76	185	111	Hong Kong	204	786	83
Guatemala	302	384	40	Jamaica	0	0	2
Haiti	11	62	93	Mexico	20,607	13,359	5,442
Hong Kong	430	366	310	Peru	165	930	543
Indonesia	2	11	17	Philippines	31	624	1,865
Jamaica	74	169	278	Taiwan	242	345	100
Japan	2,125	5,045	6,784	South Africa	0	17	0
Korea	787	3,035	4,069	Other Countries ..	4,535	4,436	6,593
Leeward-Wind-ward Is	5	22	22	Total	49,045	59,311	18,422
Mexico	9,962	4,636	4,726	Infants dietary supplements, dry milk base:			
Netherlands	36	32	142	Canada	1,759	1,592	5,460
Netherland Antilles	175	151	145	Dominican Republic	61	59	165
Panama	139	131	105	Bermuda	62	9	118
Philippines	465	152	421	Bahamas	62	111	289
Saudi Arabia	368	804	817	Haiti	0	101	67
Singapore	155	236	290	Mexico	38	252	827
South Africa	90	84	74	Panama	6	67	58
Taiwan	184	274	297	Jordan	60	195	198
Trinidad and Tobago	115	124	112	Russia	1,128	26	248
Venezuela	129	278	366	Taiwan	10,131	6,002	4,483
Other countries ..	4,002	7,254	8,445	Hong Kong	1,173	2,690	7,460
Total	22,499	29,519	32,428	Malaysia	0	106	158
Butter:				France	5	0	3
Bahamas	68	137	117	Spain	0	1	5
Canada	171	311	427	Singapore	51	126	203
Dominican Rep ..	42	140	79	Trinidad & Tobago	35	108	166
Mexico	4,719	1,973	948	Australia	4	17	24
Mongolia	2501	0	0	Costa Rica	17	31	51
Poland	0	0	0	Bulgaria	55	0	0
Russia	11,388	12,971	6,066	Thailand	1,341	27	199
Byelarus	0	0	0	Other countries ..	820	1,213	2,213
Armenia, Rep. of ..	4,483	0	0	Total	16,808	12,733	22,395
Albania	0	0	0				
Romania	3,533	0	0				
Other countries ..	18,942	22,157	13,158				
Total	45,847	37,689	20,795				

¹Preliminary.
FAS, Dairy, Livestock and Poultry Division, (202) 720-3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-39.—Dairy products: Price-support operations, United States, 1988–97

Marketing year ¹	Manufacturing milk		Product purchase price per pound ²		
	Support level	Average price received by farmers per cwt.	Butter ³	Cheddar cheese ⁴	Nonfat milk, spray process ⁵
	At national average milkfat test, per cwt.				
	Dollars	Dollars	Cents	Cents	Cents
1987–88	(⁶) 10.60	11.03	(⁶) 132.00	(⁶) 115.25	(⁶) 72.75
	10.60	.....	132.00	115.25	72.75
1988–89	(⁷) 11.10	.....	132.00	(⁷) 120.25	(⁷) 79.00
	(⁸) 10.60	11.93	(⁸) 120.50	(⁸) 115.50	79.00
	10.60	.....	120.50	115.50	79.00
1989–90	(⁹) 10.10	13.28	(⁹) 109.25	(⁹) 111.00	79.00
	.....	.....	(¹⁰) 98.25	111.00	(¹⁰) 85.00
1990–91	10.10	10.67	98.25	111.00	85.00
1991–92	10.10	12.03	98.25	111.00	85.00
	.....	.....	(¹¹) 87.25	(¹¹) 111.375	(¹¹) 91.20
	.....	.....	(¹²) 76.25	(¹²) 111.75	(¹²) 97.30
1992–93	10.10	11.60	76.25	111.75	97.30
	.....	.....	(¹³) 65.00	(¹³) 112.00	(¹³) 103.40
1993–94	10.10	11.98	65.00	112.00	103.40
1994–95	10.10	11.52	65.00	112.00	103.40
1995–96	10.10	.....	65.00	112.00	103.40
	(¹⁴) 10.35	13.38	65.00	(¹⁴) 114.50	(¹⁴) 106.50
1996–97	10.35	.....	65.00	114.50	106.50
	(¹⁵) 10.20	(¹⁶) 12.00	65.00	(¹⁵) 113.00	(¹⁵) 104.70

¹ October 1–September 30. ² Announced purchase prices for products in bulk containers. ³ Through March 31, 1985, indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. Effective April 1, 1985, single nationwide price. ⁴ U.S. Grade A or higher, standard moisture basis. ⁵ U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 50-lb bags. ⁶ Effective January 1, 1988. ⁷ Effective April 1, 1989. ⁸ Effective July 1, 1989. ⁹ Effective January 1, 1990. ¹⁰ Effective April 21, 1990. ¹¹ Effective January 17, 1992. ¹² Effective May 13, 1992. ¹³ Effective July 7, 1993. ¹⁴ Effective January 1, 1996. ¹⁵ Effective January 1, 1997. ¹⁶ Estimated.
 FSA, Dairy & Sweeteners Analysis, (202) 720–5653.

Table 8-40.—Chickens: Number and value, United States, Dec. 1, 1988–97¹

Year	Layers 1 year old and older	Layers 20 weeks old but less than 1 year	Pullets		Other chickens	All chickens	Value per head	Total value
			13 weeks to 20 weeks old	Under 13 weeks old				
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1988	123,435	152,714	33,739	40,859	6,061	356,808	2.04	727,575
1989	118,839	153,230	35,769	43,415	5,988	357,241	2.16	772,798
1990	119,551	153,916	34,222	38,945	6,545	353,179	2.29	807,572
1991	117,178	162,943	34,272	42,344	6,857	363,594	2.30	834,656
1992	121,103	163,397	34,710	45,160	7,113	371,483	2.26	838,200
1993	131,688	158,938	33,833	47,941	7,240	379,640	2.37	898,059
1994	135,091	163,418	32,805	45,146	7,369	383,829	2.35	900,111
1995	133,537	165,216	32,786	45,446	7,637	384,622	2.42	929,943
1996	137,822	165,932	31,366	44,611	7,243	386,974	2.65	1,026,245
1997 ²	140,686	170,398	34,174	50,693	7,544	403,495	2.72	1,098,705

¹ Does not include commercial broilers. ² Preliminary.
 NASS Livestock and Economics Branch, (202) 720-6146.

Table 8-41.—Chickens: Layers, by State and United States, Dec. 1, 1996–97

State	Layers					
	Layers 1 year old and older		Layers 20 weeks old but less than 1 year		Total	
	1996	1997 ¹	1996	1997 ¹	1996	1997 ¹
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
AL	4,530	4,292	6,080	6,200	10,610	10,492
AR	4,827	6,070	9,776	8,351	14,603	14,421
CA	16,520	15,270	10,130	11,010	26,650	26,280
CO	1,813	1,910	1,530	1,760	3,343	3,670
CT	1,090	1,141	2,523	2,318	3,613	3,459
DE	243	150	225	250	468	400
FL	4,335	6,216	5,662	4,522	9,997	10,738
GA	7,950	6,680	11,260	13,840	19,210	20,520
HI	490	465	235	263	725	728
ID	614	546	300	385	914	931
IL	1,167	1,534	2,094	1,679	3,261	3,213
IN	8,022	10,238	12,379	12,076	20,401	22,314
IA	11,745	11,655	8,860	10,130	20,609	21,785
KS	740	505	500	843	1,240	1,348
KY	585	1,550	2,200	1,650	2,785	3,200
LA	970	940	923	963	1,893	1,903
ME	1,202	2,256	3,996	2,523	5,198	4,779
MD	1,631	1,518	1,887	1,644	3,518	3,162
MA	122	72	487	473	609	545
MI	1,800	2,343	3,300	2,817	5,100	5,160
MN	6,100	6,740	5,760	5,215	11,860	11,955
MS	2,390	2,487	4,276	4,424	6,666	6,911
MO	3,035	3,490	3,470	3,605	6,505	7,095
MT	173	35	197	240	370	275
NE	5,189	6,011	4,240	3,979	9,429	9,990
NH	12	53	143	106	155	159
NJ	1,517	931	333	1,023	1,850	1,954
NM	717	636	504	536	1,221	1,172
NY	1,360	1,070	2,150	2,400	3,510	3,470
NC	4,609	4,307	8,087	7,306	12,696	11,613
ND	70	125	140	140	210	265
OH	10,000	10,863	16,300	16,195	26,300	27,058
OK	1,840	1,910	1,820	1,700	3,660	3,610
OR	1,600	1,800	1,126	1,200	2,726	3,000
PA	10,300	9,000	11,000	13,605	21,300	22,605
RI	24	10	66	61	90	71
SC	2,315	2,205	2,535	2,424	4,850	4,629
SD	1,325	800	700	1,370	2,025	2,170
TN	400	316	635	922	1,035	1,238
TX	7,170	5,630	9,580	11,545	16,750	17,175
UT	895	849	839	669	1,734	1,518
VT	104	8	63	171	167	179
VA	936	704	2,586	2,759	3,522	3,463
WA	3,000	2,900	2,236	2,221	5,236	5,121
WV	246	285	795	760	1,041	1,045
WI	1,922	1,994	1,869	1,989	3,791	3,983
WY	9	8	3	4	12	12
Other States ² ...	164	168	132	132	296	300
US	137,822	140,686	165,932	170,398	303,754	311,084

¹ Preliminary. ² AK, AZ, and NV combined to avoid disclosure of individual operations.
NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-42.—Chickens: Pullets not of laying age and other chickens, by State and United States, Dec. 1, 1996–97

State	Pullets 13 weeks old and older but less than 20 weeks		Pullet chicks and pullets under 13 weeks of age		Other chickens	
	1996	1997 ¹	1996	1997 ¹	1996	1997 ¹
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
AL	1,575	2,066	2,270	2,500	990	1,033
AR	3,137	3,486	3,750	3,976	1,391	1,262
CA	1,200	1,000	1,900	3,080	50	140
CO	320	229	280	543	137	176
CT	217	299	598	550	4	1
DE	0	0	0	0	24	25
FL	468	1,045	847	1,133	187	56
GA	2,950	3,120	4,350	5,080	1,140	1,190
HI	76	55	75	80	0	0
ID	130	30	234	223	5	5
IL	226	174	24	380	21	39
IN	1,738	1,355	3,264	3,479	45	41
IA	1,775	1,700	2,271	2,150	120	50
KS	38	245	90	256	2	2
KY	420	380	650	820	195	200
LA	375	165	255	370	87	82
ME	544	621	1,325	1,495	6	5
MD	483	428	346	483	42	42
MA	85	3	74	155	5	1
MI	820	390	390	630	10	10
MN	1,255	810	1,835	1,895	45	70
MS	994	1,407	2,479	2,049	595	706
MO	975	675	715	1,490	155	185
MT	43	45	56	69	1	1
NE	494	563	1,566	1,573	4	0
NH	23	24	39	29	30	6
NJ	0	174	96	0	0	0
NM	0	68	178	162	5	4
NY	360	540	510	470	20	20
NC	1,491	1,920	1,895	2,952	589	690
ND	2	3	30	40	3	2
OH	1,840	3,400	2,630	2,644	30	40
OK	340	310	820	710	220	210
OR	362	344	253	241	9	6
PA	1,900	1,650	2,700	2,550	115	115
RI	3	17	1	1	1	1
SC	577	438	420	446	93	157
SD	210	175	110	205	0	0
TN	250	246	241	442	74	110
TX	1,700	2,315	2,460	2,700	390	510
UT	141	198	168	151	1	0
VT	10	1	1	4	1	1
VA	582	582	314	428	230	187
WA	703	1,090	1,126	805	22	1
WV	316	322	300	292	123	131
WI	211	59	671	958	20	25
WY	2	2	2	2	1	1
Other States ² ...	5	5	2	2	5	5
US	31,366	34,174	44,611	50,693	7,243	7,544

¹ Preliminary. ² AK, AZ, and NV combined to avoid disclosure of individual operations.
 NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-43.—Chickens: Number, value per head, and total value, by State and United States, Dec. 1, 1996–97¹

State	Number		Value per head		Total value	
	1996	1997 ²	1996	1997 ²	1996	1997 ²
	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
AL	15,445	16,091	4.60	5.10	71,047	82,064
AR	22,881	23,145	4.90	5.00	112,117	115,725
CA	29,800	30,500	2.20	2.20	65,560	67,100
CO	4,080	4,618	2.10	2.20	8,568	10,160
CT	4,432	4,309	2.40	2.30	10,637	9,911
DE	492	425	4.70	4.60	2,312	1,955
FL	11,499	12,972	2.00	2.40	22,998	31,133
GA	27,650	29,910	3.50	3.30	96,775	98,703
HI	876	863	2.60	2.50	2,278	2,158
ID	1,283	1,189	2.40	2.20	3,079	2,616
IL	3,532	3,806	1.70	1.70	6,004	6,470
IN	25,448	27,189	1.60	1.70	40,717	46,221
IA	24,775	25,685	1.60	1.60	39,640	41,096
KS	1,370	1,851	1.70	1.80	2,329	3,332
KY	4,050	4,600	2.20	2.30	8,910	10,580
LA	2,610	2,520	2.40	2.40	6,264	6,048
ME	7,073	6,900	2.10	2.40	14,853	16,560
MD	4,389	4,115	2.30	2.00	10,095	8,230
MA	773	704	2.20	2.20	1,701	1,549
MI	6,320	6,190	1.50	1.60	9,480	9,904
MN	14,995	14,730	1.50	1.90	22,493	27,987
MS	10,734	11,073	4.80	5.10	51,523	56,472
MO	8,350	9,445	2.50	2.80	20,875	26,446
MT	470	390	3.20	3.20	1,504	1,248
NE	11,493	12,126	2.10	2.10	24,135	25,465
NH	247	218	2.40	2.40	593	523
NJ	1,946	2,128	2.50	2.50	4,865	5,320
NM	1,404	1,406	1.70	1.90	2,387	2,671
NY	4,400	4,500	1.90	1.80	8,360	8,100
NC	16,671	17,175	4.60	4.60	76,687	79,005
ND	245	310	2.40	2.20	588	682
OH	30,800	33,142	2.00	2.00	61,600	66,284
OK	5,040	4,840	4.20	4.60	21,168	22,264
OR	3,350	3,591	2.10	1.80	7,035	6,464
PA	26,015	26,920	1.70	1.70	44,226	45,764
RI	95	90	1.70	1.70	162	153
SC	5,940	5,670	2.90	3.00	17,226	17,010
SD	2,345	2,550	2.20	2.20	5,159	5,610
TN	1,600	2,036	4.40	4.80	7,040	9,773
TX	21,300	22,700	2.60	2.60	55,380	59,020
UT	2,044	1,867	1.50	1.60	3,066	2,987
VT	179	185	3.00	2.90	537	537
VA	4,648	4,660	4.70	4.80	21,846	22,368
WA	7,087	7,017	1.80	1.90	12,757	13,332
WV	1,780	1,790	4.90	5.30	8,722	9,487
WI	4,693	5,025	2.20	2.30	10,325	11,558
WY	17	17	2.10	2.10	36	36
Other States ³ ...	308	312	1.90	2.00	586	624
US	386,974	403,495	2.65	2.72	1,026,245	1,098,705

¹Excludes commercial broilers. ²Preliminary. ³AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-44.—Total poultry meat: Production in specified countries, 1993–96

Continent and country	1993	1994	1995	1996	1997 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000</i>	<i>1,000</i>
North America:					
Canada	766	854	861	893	914
Mexico	1,422	1,483	1,554	1,600	1,680
United States	12,396	13,206	13,786	14,522	15,021
Total	14,584	15,543	16,201	17,015	17,615
South America:					
Argentina	630	675	700	680	710
Brazil	3,211	3,491	4,140	4,144	4,441
Colombia	497	514	537	623	654
Guatemala	85	95	104	111	117
Honduras	35	40	41	42	53
Venezuela	350	365	410	391	395
Total	4,808	5,180	5,932	5,991	6,370
European Union:					
Belgium and Luxembourg	196	219	251	264	259
Denmark	162	172	168	170	175
France	1,875	1,961	2,083	2,206	2,307
Germany ²	599	626	633	638	717
Greece	173	175	178	176	176
Ireland	88	97	101	108	110
Italy	1,061	1,084	1,123	1,151	1,170
Netherlands	565	594	641	700	713
Portugal	238	248	235	251	260
Spain	840	880	910	950	955
United Kingdom	1,294	1,358	1,394	1,443	1,477
Total	7,091	7,414	7,717	8,057	8,319
Eastern Europe:					
Hungary	307	320	368	365	370
Poland	300	345	367	410	435
Romania	160	135	160	180	160
Total	767	800	895	955	965
Former Soviet Union:					
Russia	1,277	1,06	8 8	59 72	0 705
Ukraine	361	26	5 2	35 23	0 180
Total	1,639	1,33	3 1,0	94 95	0 885
Middle East:					
Israel	224	242	249	262	267
Kuwait	18	18	20	22	24
Saudi Arabia	285	286	309	340	438
Turkey	350	330	390	480	535
United Arab Emirates	16	18	20	21	22
Total	893	894	988	1,125	1,286
Africa:					
Egypt	295	345	360	380	385
South Africa	641	667	736	804	887
Total	936	1,012	1,096	1,184	1,272
Asia:					
China	5,736	7,550	9,347	10,746	12,500
Hong Kong	90	84	94	90	88
India	454	507	578	590	595
Japan	1,368	1,258	1,282	1,249	1,235
Korea, Republic of	369	378	415	459	473
Singapore	62	57	60	59	58
Taiwan	585	604	630	668	694
Thailand	685	740	825	890	975
Total	9,349	11,178	13,231	14,751	16,618
Oceania:					
Australia	467	498	500	503	512
Total	467	498	500	503	512
Grand total	40,534	43,852	47,654	50,531	53,842

¹ Preliminary. ² Includes the former East Germany.
 Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.
 FAS, Production Estimates and Crop Assessment Division, (202) 720-0885.

Table 8-45.—Mature Chickens: Lost, sold, and value of sales, 1996 (preliminary)¹

State	Number lost ²	Number sold ³	Pounds sold	Price per pound	Value of sales
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
AL	3,145	8,755	61,285	.115	7,048
AR	5,140	14,960	97,240	.110	10,696
CA	4,100	11,600	40,600	.020	812
CO	708	1,547	6,188	.030	186
CT	770	1,896	8,532	.004	34
DE	74	618	4,697	.055	258
FL	3,033	4,208	21,882	.004	88
GA	5,062	15,805	109,055	.103	11,233
HI	178	271	949	.144	137
ID	96	755	2,869	.003	9
IL	453	1,122	6,283	.011	69
IN	3,545	8,755	30,643	.020	613
IA	3,580	9,520	57,120	.012	685
KS	140	800	3,200	.050	160
KY	722	1,828	6,032	.050	302
LA	498	1,402	8,132	.069	561
ME	949	3,130	14,085	.005	70
MD	916	2,096	16,139	.055	888
MA	73	223	1,004	.004	4
MI	1,020	2,805	16,830	.010	168
MN	2,185	5,015	18,054	.011	199
MS	3,100	4,200	27,720	.118	3,271
MO	1,685	3,485	19,168	.110	2,108
MT	65	400	1,600	.020	32
NE	1,772	3,950	15,800	.010	158
NH	24	234	1,053	.004	4
NJ	245	595	2,023	.020	40
NM	570	265	1,060	.020	21
NY	990	3,000	14,400	.002	29
NC	3,875	11,050	81,770	.112	9,158
ND	50	150	675	.011	7
OH	4,275	11,135	38,973	.010	390
OK	1,155	3,035	19,121	.113	2,161
OR	515	1,395	7,812	.020	156
PA	4,480	11,220	57,222	.054	3,090
RI	28	79	356	.005	2
SC	1,080	2,720	13,600	.103	1,401
SD	370	735	2,940	.050	147
TN	320	945	4,253	.100	425
TX	3,290	9,010	45,050	.043	1,937
UT	327	1,014	4,056	.030	122
VT	13	90	405	.004	2
VA	871	2,620	15,458	.111	1,716
WA	1,170	3,200	11,200	.020	224
WV	360	1,080	4,752	.108	513
WI	655	1,445	5,347	.015	80
WY	10	7	32	.050	2
Other States ⁴	17	144	571	.014	8
Total US	67,699	174,314	927,236	.066	61,424

¹ Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. ² Includes death, rendered, composted, destroyed, disappeared, and other losses during the 12-month period. ³ Sold for slaughter. ⁴ AK, AZ, and NV combined to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-46.—Broilers: Production and value, United States, 1987-96¹

Year	Production		Price per pound ²	Value of production
	Number	Weight		
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1987	5,003,560	21,523,356	28.7	6,177,127
1988	5,237,901	22,464,479	33.1	7,435,300
1989	5,516,521	23,978,816	36.6	8,777,915
1990	5,864,150	25,630,960	32.6	8,365,704
1991	6,137,150	27,202,862	30.8	8,383,046
1992	6,402,490	28,828,872	31.8	9,174,136
1993	6,694,310	30,617,600	34.0	10,416,962
1994	7,017,540	32,528,500	35.0	11,371,723
1995	7,325,670	34,222,000	34.4	11,762,222
1996 ³	7,598,200	36,486,050	38.1	13,906,019

¹ Broilers are young chickens of the meat-type breeds, raised for the purpose of meat production. These figures are not included in farm production of chickens. Estimates cover the 12-month period, Dec 1 previous year through Nov 30. Excludes States which produced less than 500,000 broilers. ² Live weight equivalent price. ³ Preliminary.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-47.—Mature Chickens: Lost, sold, price, and value, United States, 1987–96¹

Year	Number		Pounds (live weight)	Price per pound live weight	Value of sales
	Lost ²	Sold ³	Sold		
	<i>Thousands head</i>	<i>Thousands head</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1987	36,639	217,688	1,018,400	.110	111,827
1988	37,494	226,167	1,050,658	.094	99,011
1989	36,076	199,735	943,732	.151	142,409
1990	34,854	208,362	985,007	.096	94,392
1991	36,390	198,534	953,281	.076	72,199
1992	35,126	207,689	978,255	.091	89,105
1993	34,962	198,032	964,356	.100	96,409
1994	35,821	201,412	1,022,490	.076	77,496
1995	65,576	179,467	939,974	.065	61,315
1996 ⁴	67,699	174,314	927,236	.066	61,424

¹ Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. ² Includes death, rendered, composted, destroyed, and other losses during the 12-month period. ³ Sold for slaughter. ⁴ Preliminary.
 NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-48.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1989–98

Year	Production			Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
	Commercial broilers	Other chickens	Total ¹				Total ^{1,3}	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1989	17,227	531	17,758	193	838	227	16,886	68
1990	18,430	523	18,953	227	1,168	251	17,762	71
1991	19,591	508	20,099	251	1,289	310	18,751	74
1992	20,904	520	21,424	310	1,530	378	19,826	78
1993	22,015	515	22,530	378	2,022	366	20,520	79
1994	23,666	509	24,175	366	2,966	472	21,103	81
1995	24,827	496	25,323	472	3,993	567	21,238	81
1996	26,124	491	26,615	567	4,685	647	21,854	82
1997 ²	27,061	509	27,570	647	5,081	632	22,509	84
1998 ⁴	28,556	530	29,086	632	5,140	705	23,876	88

¹ Totals may not add due to rounding. ² Preliminary. ³ Shipments to territories now included in total consumption. ⁴ Forecast.
 ERS, Animal Products Branch, (202) 694-5180.

Table 8-49.—Broilers: Production, price, and value, by States, 1995 and 1996¹

State	1995				1996 ³			
	Production		Price per pound ²	Value of production	Production		Price per pound ²	Value of production
	Number	Weight			Number	Weight		
	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>pounds</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>pounds</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>
AL	900,000	4,230,000	.340	1,438,200	873,300	4,191,800	.390	1,634,802
AR	1,107,300	4,982,900	.355	1,768,930	1,155,000	5,659,500	.375	2,122,313
CA	235,800	1,179,000	.325	383,175	234,200	1,171,000	.390	456,690
DE	263,100	1,394,400	.340	474,096	257,600	1,416,800	.370	524,216
FL	139,800	615,100	.355	218,361	131,400	591,300	.390	230,607
GA	1,070,000	5,136,000	.345	1,771,920	1,154,000	5,654,600	.390	2,205,294
HI	940	3,800	.525	1,995	950	4,000	.520	2,080
IA	15,000	72,000	.350	25,200	17,200	77,400	.370	28,638
KY	64,500	258,000	.320	82,560	77,000	331,100	.370	122,507
MD	295,700	1,360,200	.340	462,468	294,800	1,385,600	.370	512,672
MI	630	2,850	.340	969	550	2,200	.380	836
MN	48,000	249,600	.335	83,616	47,500	251,800	.375	94,425
MS	644,000	2,962,400	.335	992,404	675,900	3,109,100	.385	1,197,004
MO	190,600	800,500	.350	280,175	246,300	1,059,100	.375	397,163
NE	2,900	18,600	.360	6,696	2,300	13,300	.360	4,788
NY	1,400	6,900	.345	2,381	1,500	8,000	.410	3,280
NC	670,100	3,417,500	.340	1,161,950	681,100	3,541,700	.370	1,310,429
OH	43,000	215,000	.315	67,725	48,600	243,000	.365	88,695
OK	198,300	852,700	.355	302,709	204,000	877,200	.375	328,950
OR	21,100	105,500	.320	33,760	21,300	106,500	.380	40,470
PA	121,400	607,000	.335	203,345	128,200	653,800	.375	245,175
SC	162,000	680,400	.345	234,738	177,500	786,300	.390	306,657
TN	130,000	572,000	.325	185,900	134,000	603,000	.385	232,155
TX	395,200	1,746,800	.370	646,316	419,200	1,886,400	.385	726,264
VA	260,100	1,196,500	.335	400,828	259,100	1,243,700	.375	466,388
WA	40,300	197,500	.345	68,138	40,000	196,000	.380	74,480
WV	88,900	391,200	.335	131,052	89,700	394,700	.375	148,013
WI	22,200	104,300	.335	34,941	32,400	152,300	.380	57,874
Other States ⁴	193,400	863,350	.345	297,674	193,600	874,850	.392	343,154
Total ⁵	7,325,670	34,222,000	.344	11,762,222	7,598,200	36,486,050	.381	13,906,019

¹ Broilers are young chickens of the meat-type breeds, raised for the purpose of meat production. Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30. ² Live weight equivalent price. ³ Preliminary. ⁴ CT, IL, IN, LA, ND, and SD. ⁵ Excludes States producing less than 500,000 broilers.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-50.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1987-96

Year	Chicks hatched			Average price of baby chicks per 100			Value of chick production ¹
	Broiler-type	Egg-type	All	Broiler-type	Egg-type	All	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1987	5,379,228	427,785	5,807,013	18.50	51.00	19.80	1,105,993
1988	5,602,400	368,349	5,970,749	17.00	50.50	18.10	1,046,706
1989	5,946,948	382,906	6,329,854	17.60	50.30	18.60	1,143,388
1990	6,324,426	398,432	6,722,858	18.50	50.80	19.50	1,273,269
1991	6,616,527	419,554	7,036,081	18.20	51.10	19.20	1,308,268
1992	6,892,844	391,319	7,284,163	18.30	54.70	19.30	1,369,893
1993	7,220,768	405,986	7,626,754	18.60	53.80	19.60	1,455,383
1994	7,562,316	381,577	7,943,893	19.30	49.70	20.10	1,557,276
1995	7,932,352	396,501	8,328,853	18.60	49.80	19.40	1,577,802
1996	8,076,938	407,248	8,484,186	18.60	50.20	19.40	1,605,409

¹ Excludes egg-type cockerels destroyed.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-51.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1987-96

Year	Ratios ¹			Year	Ratios ¹		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1987	10.6	5.5	7.3	1992	8.4	5.1	6.4
1988	7.3	4.6	5.6	1993	9.4	5.3	6.5
1989	10.5	5.0	6.0	1994	8.6	5.2	6.6
1990	11.1	4.9	6.5	1995	8.6	5.1	6.3
1991	10.4	4.9	6.6	1996	8.5	4.4	5.3

¹ Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, and wheat.

NASS, Livestock and Economics Branch, (202) 720-3570.

Table 8-52.—Poultry: Slaughtered under Federal inspection, by classes, United States, 1994-96

Class	Number inspected			Pounds inspected (live weight)		
	1994	1995	1996	1994	1995	1996
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	7,071,569	7,371,429	7,546,250	32,765,941	34,352,980	36,034,815
Mature chickens	168,026	159,418	153,609	829,465	812,220	800,594
Total chickens	7,239,595	7,530,847	7,699,858	33,595,407	35,165,199	36,835,409
Young turkeys	276,570	278,806	291,034	6,279,731	6,456,579	6,881,123
Old turkeys	1,994	1,868	2,068	49,285	46,415	53,301
Fryer-roaster turkeys	348	358	188	3,388	3,137	1,697
Total turkeys	278,912	281,032	293,290	6,332,404	6,506,131	6,936,121
Ducks	20,051	19,528	20,663	133,275	129,875	137,624
Other poultry				6,378	8,340	13,417
Total poultry				40,067,464	41,809,546	43,922,572

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1994	1995	1996	Ante-mortem (live weight)		
				1994	1995	1996
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	23,846,165	25,020,790	26,336,303	108,987	127,553	135,661
Mature chickens	507,413	494,518	486,812	14,170	13,719	12,885
Total chickens	24,353,582	25,515,308	26,823,115	123,157	141,272	148,546
Young turkeys	4,952,739	5,091,336	5,424,111	15,918	16,963	20,280
Old turkeys	36,926	35,138	40,208	390	417	491
Fryer-roaster turkeys	2,560	2,341	1,297	8	25	7
Total turkeys	4,992,225	5,128,816	5,465,617	16,316	17,405	20,778
Ducks	95,680	93,061	99,040	142	165	130
Other poultry	4,034	5,133	7,575	37	38	74
Total poultry	29,445,522	30,742,318	32,395,346	139,652	158,879	169,528

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1994	1995	1996
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	468,780	527,948	551,558
Mature chickens	38,790	40,283	46,347
Total chickens	507,571	568,232	597,905
Young turkeys	121,352	121,736	132,962
Old turkeys	3,447	3,094	3,303
Fryer-roaster turkeys	46	78	34
Total turkeys	124,846	124,907	136,299
Ducks	2,212	2,182	2,307
Other poultry	118	125	155
Total poultry	634,746	695,446	736,665

NASS, Livestock, Dairy, and Poultry Branch, (202) 720-6146.

Table 8-53.—Chickens and turkeys: Number classified as “U.S. Pullorum-Typhoid Clean,” and number and percentage of reactors, United States, 1987–96

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors ¹		States reporting	Turkeys in tested flocks (first test)	Reactors	
			Number	Percent			Number	Percent
	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>
1987	47	43,788	36	.0001	47	4,505,067	0	.0000
1988	47	46,924	44	.0001	47	5,243,118	0	.0000
1989	47	51,438	341	.0206	47	5,412,869	0	.0000
1990	47	48,821	6	.0000	47	5,442,994	0	.0000
1991	47	48,820	6	.0000	47	5,443,000	0	.0000
1992	47	49,534	11	.0000	47	5,160,884	0	.0000
1993	47	49,628	0	.0000	47	5,339,500	0	.0000
1994	47	52,668	0	.0000	47	4,949,240	0	.0000
1995	48	58,019	0	.0000	48	4,679,984	0	.0000
1996	48	58,191	0	.0000	48	5,905,799	0	.0000

¹ Number of reacting birds and percent of birds tested. Testing year starting July 1, 1989. APHIS, Veterinary Services, (301) 436-7768.

Table 8-54.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1989–98

Year	Production	Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
					Total ^{1 3}	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1989	4,136	250	41	236	4,109	16.6
1990	4,514	236	54	306	4,390	17.6
1991	4,603	306	122	264	4,523	17.9
1992	4,777	264	202	272	4,568	17.9
1993	4,798	272	244	249	4,577	17.7
1994	4,937	249	280	254	4,652	17.8
1995	5,069	254	348	271	4,706	17.9
1996	5,401	271	438	328	4,906	18.5
1997 ³	5,385	328	599	350	4,765	17.8
1998 ⁴	5,384	350	610	325	4,799	17.7

¹Totals may not add due to rounding. ²Shipments to territories now included in consumption. ³Preliminary. ⁴Forecast.

ERS, Animal Products Branch, (202) 694-5180.

Table 8-55.—Turkeys: Production, and value, United States, 1987–96

Year	Number raised ¹	Pounds (live weight) produced	Price per pound live weight	Value of production
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1987	240,438	4,894,858	34.8	1,703,137
1988	242,421	5,059,056	38.6	1,951,351
1989	261,394	5,467,629	40.9	2,235,145
1990	282,475	6,043,155	39.6	2,393,375
1991	284,910	6,114,620	38.5	2,352,986
1992	289,880	6,355,293	37.7	2,396,364
1993	287,650	6,432,577	39.0	2,509,127
1994	286,605	6,540,887	40.4	2,643,765
1995	292,856	6,779,277	41.0	2,776,372
1996 ²	301,378	7,171,527	43.3	3,102,093

¹Total poult hatched less death loss of poults and young turkeys during the year. ²Preliminary.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-56.—Turkeys: Production and value, by States, 1996¹

State	Number raised ²	Pounds produced ³	Price per pound ⁴	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
AR	28,000	526,400	0.44	231,616
CA	22,500	492,750	0.45	221,738
CO	4,800	179,040	(⁵)	(⁵)
CT	8	152	1.01	154
GA	550	16,995	0.43	7,308
IL	3,300	78,870	0.43	33,914
IN	14,000	351,400	0.43	151,102
IA	8,000	221,600	0.46	101,936
KS	1,750	49,000	0.44	21,560
MD & DE	330	6,653	0.45	2,993
MA	80	1,600	1.20	1,920
MN	43,500	948,300	0.45	426,735
MO	22,000	578,600	0.43	248,798
NH	15	300	1.17	351
NJ	73	1,650	0.83	1,370
NY	520	12,792	0.42	5,373
NC	59,500	1,457,750	0.42	612,255
ND	2,100	46,200	0.42	19,404
OH	6,800	227,120	0.43	97,662
PA	11,700	245,700	0.42	103,194
SC	8,300	256,470	0.42	107,717
SD	3,000	96,000	0.45	43,200
VT	35	630	1.00	630
VA	25,000	475,000	0.43	204,250
WV	4,500	85,500	0.44	37,620
Other States ⁶	31,017	815,055	0.42	419,293
US	301,378	7,171,527	0.433	3,102,093

¹Preliminary. ²Based on turkeys placed Aug. 1, 1992, through Jul. 31, 1993. Excludes young turkeys lost. ³Includes home consumption. ⁴Live weight equivalent price. ⁵Not published to avoid disclosing individual operations. Value of production included in Other States. ⁶MI, NE, OK, OR, TX, UT, and WI combined to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-57.—Turkeys: Poults placed by commercial hatcheries, United States, 1987-96

Year	Total all breeds	Year	Total all breeds
	<i>Thousands</i>		<i>Thousands</i>
1987	264,228	1992	307,823
1988	261,406	1993	308,871
1989	290,678	1994	317,468
1990	304,863	1995	321,651
1991	308,083	1996	327,165

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-58.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, 1995 and 1996

Month	United States			1996				
	1995	1996	1996 as percent of 1995	East North Central	West North Central	North and South Atlantic	South Central	West
	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Per-cent</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>	<i>Thou-sands</i>
All breeds:								
Jan	27,024	27,391	101	3,651	7,375	10,143	3,281	2,941
Feb	25,907	27,596	107	3,641	7,802	9,668	3,380	3,105
Mar	28,530	27,932	98	3,684	7,590	10,427	3,160	3,071
Apr	26,736	29,725	111	3,869	8,800	10,506	3,228	3,322
May	29,497	29,668	101	3,814	8,460	10,621	3,428	3,345
June	29,965	27,987	93	3,468	7,760	10,296	3,211	3,252
July	28,983	28,913	100	3,850	8,121	10,065	3,242	3,635
Aug	26,592	27,496	103	3,893	7,375	9,838	3,281	3,109
Sept	23,371	24,154	103	3,348	6,128	9,542	2,763	2,373
Oct	25,158	25,354	101	3,667	6,382	9,908	3,230	2,167
Nov	24,619	23,830	97	3,164	6,212	8,878	3,398	2,178
Dec	25,269	27,119	107	3,563	7,765	10,202	3,330	2,259
Total	321,651	327,165	102	43,612	89,770	120,094	38,932	34,757

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-59.—Eggs: Production in specified countries, 1993–96

Continent and country	1993	1994	1995	1996	1997 ¹
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000</i>	<i>1,000</i>
North America:					
Canada	5,689	5,736	5,792	5,881	5,900
Mexico	21,471	25,896	25,760	26,045	26,500
United States	72,072	74,136	74,592	76,296	77,256
Total	99,232	105,768	106,144	108,222	109,656
South America:					
Brazil	12,700	13,460	16,065	15,932	16,890
Colombia	6,433	6,357	6,912	7,182	7,490
Total	19,133	19,817	22,977	23,114	24,380
European Union:					
Belgium and Luxembourg	3,324	3,600	3,858	3,700	3,600
Denmark	1,405	1,382	1,474	1,500	1,600
France	15,355	16,370	16,911	16,500	16,350
Germany ²	13,678	13,960	13,838	13,940	13,900
Greece	2,540	2,500	2,600	2,650	2,640
Ireland	655	605	610	539	542
Italy	11,502	11,599	12,017	11,923	12,050
Netherlands	10,019	10,306	9,970	9,879	9,870
Portugal	1,787	1,831	1,869	1,872	1,872
Spain	8,454	9,670	9,983	8,952	9,600
United Kingdom	10,645	10,620	10,644	10,668	10,700
Total	79,364	82,443	83,774	82,123	82,724
Eastern Europe:					
Poland	5,450	6,100	6,500	6,600	6,700
Romania	5,450	3,300	3,650	5,200	4,700
Total	10,900	9,400	10,150	11,800	11,400
Former Soviet Union:					
Russia	40,300	37,400	33,720	31,500	32,000
Ukraine	11,766	10,145	9,500	8,760	8,320
Total	52,066	47,545	43,220	40,260	40,320
Middle East:					
Turkey	8,100	7,900	8,000	8,500	9,000
Total	8,100	7,900	8,000	8,500	9,000
Asia:					
China	235,960	281,010	301,860	317,560	328,000
Hong Kong	23	18	21	15	13
India	24,800	26,300	28,000	29,000	29,500
Japan	43,252	43,047	42,167	42,891	43,200
Korea, Republic of	8,196	8,094	8,317	8,640	8,770
Taiwan	5,372	5,673	6,237	6,828	7,100
Thailand	7,336	7,530	7,700	8,100	8,900
Total	324,939	371,672	394,302	413,034	425,483
Grand total	593,734	644,545	668,567	687,053	702,963

¹ Preliminary. ² Includes the former East Germany.
 Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.
 FAS, Production Estimates and Crop Assessment Division, (202) 720-0885.

Table 8-60.—Eggs: Number of layers and pullets, rate of lay, and production, by State and United States, 1996 and 1997¹

State	1996			1997		
	Average number of layers during year	Rate of lay per layer during year ²	Eggs produced	Average number of layers during year	Rate of lay per layer during year ²	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
AL	10,646	233	2,481	10,749	232	2,499
AR	15,153	227	3,433	14,519	221	3,215
CA	25,292	260	6,569	25,632	260	6,663
CO	3,229	256	827	3,322	257	855
CT	3,556	267	950	3,389	271	917
DE	592	248	147	471	238	112
FL	9,662	259	2,502	9,865	253	2,499
GA	18,626	246	4,584	19,869	245	4,867
HI	754	239	180	724	238	172
ID	955	270	258	903	261	236
IL	3,237	279	902	3,147	266	838
IN	21,433	264	5,663	21,138	267	5,652
IA	19,066	263	5,011	21,187	261	5,528
KS	1,239	254	315	1,212	266	322
KY	2,702	246	664	2,885	249	717
LA	1,941	246	477	1,894	243	460
ME	5,028	288	1,449	5,026	285	1,434
MD	3,629	258	938	3,362	262	882
MA	512	277	142	540	289	156
MI	5,013	263	1,318	5,073	262	1,327
MN	11,942	258	3,087	11,712	252	2,957
MS	6,456	236	1,523	6,690	231	1,547
MO	6,644	252	1,674	6,693	257	1,719
MT	378	286	108	293	300	88
NE	9,103	257	2,341	9,525	259	2,469
NH	153	275	42	148	311	46
NJ	1,799	264	475	1,856	249	463
NM	1,125	272	306	1,141	265	302
NY	3,773	276	1,042	3,382	275	931
NC	13,107	228	2,988	12,240	228	2,788
ND	197	279	55	209	239	50
OH	24,058	270	6,502	25,929	269	6,976
OK	3,845	238	916	3,606	233	842
OR	2,701	274	741	2,938	267	783
PA	20,912	270	5,640	21,275	272	5,788
RI	153	281	43	90	267	24
SC	4,707	260	1,224	4,753	258	1,228
SD	2,017	265	534	2,065	262	542
TN	1,051	245	257	1,080	236	255
TX	16,109	247	3,986	16,830	249	4,186
UT	1,746	266	464	1,647	265	436
VT	99	273	27	168	298	50
VA	3,667	242	888	3,693	233	862
WA	5,168	273	1,413	5,197	271	1,410
WV	1,046	217	227	1,081	227	245
WI	3,407	263	896	3,711	269	998
WY	15	160	2.4	12	292	3.5
Other States ³	314	220	69	296	207	61
US ⁴	297,958	256	76,281	303,166	255	77,401

¹ Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. ² Number of eggs produced during the year divided by average of layers hand during the year. ³ AK, AZ, and NV combined to avoid disclosure of individual operations. ⁴ Sum of States may not add to U.S. total due to rounding.
 NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-61.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1988-97

Year	Large	Year	Large
	<i>Cents</i>		<i>Cents</i>
1988	62.10	1993	72.53
1989	81.91	1994	67.23
1990	82.19	1995	67.26
1991	77.52	1996	73.00
1992	65.41	1997	81.21

AMS, Poultry Division, Market News Branch, (202) 720-6911.

Table 8-62.—Eggs: Number, rate of lay, production, and value, United States, 1988–97¹

Year	Layers average number during year	Rate of lay per layer during year ²	Eggs, total produced	Price per dozen	Value of production ³
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1988	278,587	251	69,878	.528	3,073,382
1989	270,415	250	67,503	.689	3,876,822
1990	270,946	251	68,134	.708	4,021,355
1991	275,451	252	69,465	.676	3,914,659
1992	278,824	254	70,749	.576	3,397,462
1993	284,770	253	71,936	.634	3,800,237
1994	291,018	254	73,911	.614	3,780,377
1995	293,854	253	74,591	.624	3,879,609
1996	297,958	256	76,281	.750	4,756,582
1997 ⁴	303,166	255	77,401	NA	NA

¹ Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. ² Number of eggs produced during the year divided by the average of layers on hand during the year. ³ Value of sales plus value of eggs consumed in households of producers. ⁴ Preliminary. NA-not available.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-63.—Eggs: Production and value, by States, 1996 (preliminary)¹

State	Eggs produced	Price per dozen ²	Value of production	State	Eggs produced	Price per dozen ²	Value of production
	<i>Millions</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Millions</i>	<i>Dollars</i>	<i>1,000 dollars</i>
AL	2,481	1.090	225,358	NH	42	.810	2,835
AR	3,428	1.050	299,950	NJ	475	.728	28,817
CA	6,569	.671	367,317	NM	306	.675	17,213
CO	827	.756	52,101	NY	1,042	.771	66,949
CT	950	.740	58,583	NC	2,988	.875	217,875
DE	147	1.190	14,578	ND	55	.585	2,681
FL	2,314	.633	122,064	OH	6,502	.662	358,694
GA	4,584	.911	348,002	OK	916	.876	66,868
HI	179	.869	12,963	OR	741	.739	45,633
ID	258	.700	15,050	PA	5,640	.628	295,160
IL	902	.689	51,790	RI	43	.720	2,580
IN	5,666	.678	320,129	SC	1,224	.854	87,108
IA	5,011	.591	246,792	SD	534	.520	23,140
KS	315	.574	15,068	TN	257	.913	19,553
KY	664	.792	43,824	TX	3,986	.875	290,646
LA	477	.964	38,319	UT	464	.566	21,885
ME	1,449	.720	86,940	VT	27	.770	1,733
MD	938	.796	62,221	VA	949	.953	75,366
MA	142	.740	8,757	WA	1,413	.764	89,961
MI	1,318	.623	68,426	WV	228	1.190	22,610
MN	3,087	.585	150,491	WI	896	.606	45,248
MS	1,523	1.210	153,569	WY	2.4	.750	150
MO	1,674	.665	92,768	Other States	68	.682	3,864
MT	108	.660	5,940				
NE	2,336	.560	109,013	US ³	76,148	.750	4,756,582

¹ Estimates cover the 12-month period Dec. 1, previous year through Nov. 30. ² Average mid-month price of all eggs sold by producers including hatching eggs. ³ Sum of States may not add to U.S. total due to rounding.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-64.—Eggs: Supply, distribution, and per capita consumption, United States, 1989–98¹

Year	Total egg production	Storage at beginning of the year ¹	Imports ²	Exports ²	Eggs used for hatching	Consumption		
						Storage at end of the year ²	Total ³	Per capita
	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Million dozen</i>	<i>Number</i>
1989	5,621	15	25	92	642	11	4,917	239
1990	5,687	11	9	101	678	12	4,916	236
1991	5,801	12	2	154	709	13	4,938	235
1992	5,905	13	4	157	732	13	5,020	236
1993	6,006	13	5	159	770	11	5,085	236
1994	6,178	11	4	188	805	15	5,184	239
1995	6,216	15	4	209	847	11	5,167	236
1996	6,358	11	5	253	865	9	5,549	237
1997 ⁴	6,447	9	6	219	890	8	5,344	239
1998 ⁵	6,625	8	4	235	930	10	5,462	242

¹ Calendar years. ² Shell eggs and the approximate shell-egg equivalent of egg product. ³ Shipments to territories now included in total consumption. ⁴ Preliminary. ⁵ Forecast.
ERS, Animal Products Branch, (202) 694-5180.

Table 8-65.—Eggs: Products under Federal inspection, United States, fiscal years 1996 and 1997

Item	Quantity		Item	Quantity	
	1996	1997		1996	1997
	<i>1,000 dozen</i>	<i>1,000 dozen</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Shell eggs broken	1,472,810	1,571,005	Ingredients added in processing	96,518	106,758
Edible liquid from shell eggs broken:			Liquid product produced for immediate consumption and processing: ^{1,2}		
Whole	1,101,623	1,177,648	Whole plain	945,690	1,017,584
White	521,063	551,066	Whole blends	471,881	512,485
Yolk	263,317	280,581	White	378,900	385,710
Total	1,886,003	2,009,295	Yolk plain	101,140	108,461
Inedible liquid from shell eggs broken	144,750	153,298	Yolk blends	135,619	148,022
Liquid egg used in processing: ¹			Total	2,033,230	2,172,262
Total	2,883,062	3,071,775	Frozen product produced: ^{1,2}		
			Whole plain	158,402	148,208
			Whole blends	134,966	135,898
			White	43,957	46,512
			Yolk plain	3,050	2,051
			Yolk blends	52,989	52,699
			Total	393,364	385,368
			Dried product produced: ^{1,2}		
			Whole plain	23,214	29,623
			Whole blends	29,006	32,358
			White	36,051	39,283
			Yolk plain	19,429	17,743
			Yolk blends	14,868	16,436
			Total	122,568	135,443

¹ Includes reinspections of egg products.
² Includes all non-egg ingredients added.
NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-66.—Poultry and poultry products: Cold storage holdings, end of month, United States, 1996 and 1997

Month	Frozen eggs							
	Whites		Yolks		Whole & mixed		Unclassified	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	1,400	1,014	2,330	971	10,300	7,555	1,570	1,483
February	1,391	1,190	2,378	1,212	10,749	7,822	1,670	1,251
March	1,409	1,016	2,170	1,010	7,270	5,502	1,529	1,018
April	1,238	1,094	1,902	1,016	7,093	5,516	1,294	859
May	1,405	1,036	2,154	959	6,490	5,346	1,357	813
June	1,637	1,126	2,015	885	6,809	5,826	1,274	502
July	1,298	1,133	1,874	1,293	8,871	5,984	1,438	477
August	1,543	946	1,684	1,209	10,278	8,398	1,538	550
September ..	1,208	1,023	1,673	1,041	9,910	8,184	2,145	587
October	1,268	899	1,503	1,214	7,891	7,977	1,987	825
November ...	1,139	943	1,110	967	6,343	7,649	1,759	705
December ...	1,062	1,197	1,014	1,173	6,810	6,615	1,299	764

Month	Frozen eggs, total		Frozen chicken					
	1996	1997	Broilers (Whole)		Hens		Other chicken (parts)	
			1996	1997	1996	1997	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	15,600	11,023	45,898	39,202	10,399	5,300	612,181	632,680
February	16,188	11,475	39,838	41,766	11,072	5,878	617,335	652,246
March	12,378	8,546	42,488	35,561	12,214	6,933	645,212	672,591
April	11,527	8,485	37,409	35,883	14,293	8,408	654,479	699,968
May	11,406	8,154	35,599	32,839	12,653	7,748	606,987	690,903
June	11,735	8,339	39,497	31,062	13,927	8,316	611,747	672,280
July	13,481	8,887	36,916	26,402	14,611	10,254	571,980	629,410
August	15,043	11,103	33,635	28,145	15,766	7,900	566,619	530,915
September ..	14,936	10,835	34,918	24,994	14,099	10,662	538,474	560,653
October	12,649	10,915	30,479	25,009	10,403	8,052	550,576	554,243
November ...	10,351	10,264	26,309	28,727	7,741	5,900	540,310	575,273
December ...	10,185	9,749	33,306	24,227	5,705	7,407	608,000	582,618

Month	Frozen chicken, total		Frozen turkey					
	1996	1997	Whole		Other		Total	
			1996	1997	1996	1997	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	668,478	677,182	182,015	195,359	157,163	205,686	339,178	401,045
February	668,245	699,890	243,484	235,197	179,617	211,181	423,101	446,378
March	699,914	715,085	274,004	267,303	171,359	229,179	445,363	496,482
April	706,181	744,259	326,844	296,572	187,694	246,702	514,538	543,274
May	655,239	731,490	368,714	352,840	218,724	258,935	587,438	611,775
June	665,171	711,658	453,005	402,541	226,734	265,309	679,739	667,850
July	623,507	666,066	489,279	440,077	228,894	274,245	718,173	714,322
August	616,020	566,960	492,666	478,733	230,520	263,279	723,186	742,012
September ..	587,491	556,309	509,525	530,101	211,496	240,605	721,021	770,706
October	591,458	587,304	455,696	490,653	202,599	245,988	658,295	736,641
November ...	574,360	609,900	167,083	208,021	180,688	230,535	347,771	438,556
December ...	647,011	614,252	146,859	176,014	181,092	239,039	327,951	415,053

Month	Frozen ducks		Total frozen poultry	
	1996	1997	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	3,154	1,773	1,010,810	1,080,000
February	3,185	1,832	1,094,531	1,148,100
March	2,572	1,751	1,147,849	1,213,318
April	1,697	2,582	1,222,416	1,290,115
May	2,334	3,225	1,245,011	1,346,490
June	2,418	4,305	1,347,328	1,383,813
July	1,713	2,801	1,343,393	1,383,189
August	1,987	2,277	1,341,193	1,311,249
September ..	1,570	2,844	1,310,082	1,329,859
October	2,160	2,461	1,251,913	1,326,406
November ...	1,866	1,964	923,997	1,050,420
December ...	2,203	1,864	977,165	1,031,169

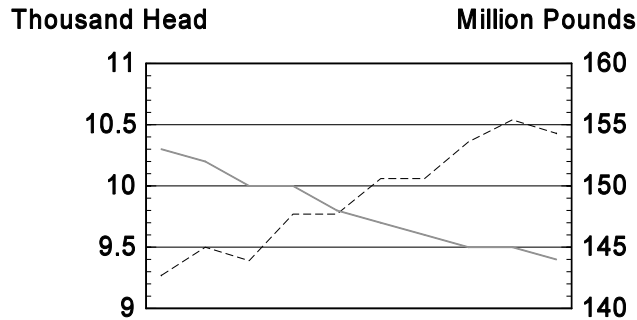
Table 8-67.—Dairy products: Cold-storage holdings, end of month, United States, 1996 and 1997

Month	Butter		American cheese	
	1996	1997	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	25,476	23,166	346,143	383,791
February	33,670	35,976	354,588	379,446
March	48,704	50,286	356,336	392,486
April	39,764	86,762	376,609	428,671
May	33,984	104,162	389,645	446,157
June	29,681	93,663	392,918	464,397
July	31,654	85,582	397,743	469,008
August	27,299	69,468	381,241	459,450
September ..	21,431	43,936	372,555	434,028
October	20,545	26,581	379,471	414,798
November ...	17,628	15,365	369,743	405,484
December ...	13,707	20,788	379,673	410,418

Month	Swiss cheese		Total natural cheese	
	1996	1997	1996	1997
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
January	8,805	13,702	470,231	501,539
February	9,353	13,513	483,043	494,622
March	11,234	12,809	498,310	517,030
April	10,362	11,896	525,503	555,429
May	10,923	13,237	541,816	584,327
June	11,939	12,096	542,798	604,845
July	12,460	11,516	536,600	604,896
August	12,606	11,507	506,942	582,270
September ..	12,701	11,040	495,801	543,675
October	11,987	11,630	494,627	504,970
November ...	13,344	13,450	480,273	474,379
December ...	12,668	13,843	486,950	480,412

NASS, Livestock and Economics Branch, (202) 720-0585.

Milk Production & Milk Cows, 1987-96

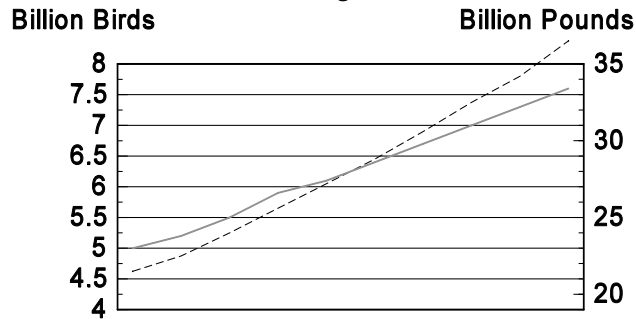


Year	87	88	89	90	91	92	93	94	95	96
Milk Production	142.7	145.0	143.9	147.7	147.7	150.6	150.6	153.6	155.4	154.3
Milk Cows	10.3	10.2	10.0	10.0	9.8	9.7	9.6	9.5	9.5	9.4

NASS Table 8-11

Broilers Number

& Production Weight, 1987-1996



Year	87	88	89	90	91	92	93	94	95	96
Weight	21.5	22.5	24.0	25.6	27.2	28.8	30.6	32.5	34.2	36.5
Broilers	5.0	5.2	5.5	5.9	6.1	6.4	6.7	7.0	7.3	7.6

NASS Table 8-46