
New York
AGRICULTURAL STATISTICS



1998-1999

New York AGRICULTURAL STATISTICS SERVICE

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1998-1999

Compiled and Issued by

**NEW YORK AGRICULTURAL STATISTICS SERVICE
1 Winners Circle
Albany, New York 12235-0001**

**NEW YORK STATE
DEPARTMENT OF AGRICULTURE AND MARKETS
DIVISION OF STATISTICS**

Cooperating With

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE**

August 1999



STATE OF NEW YORK
DEPARTMENT OF AGRICULTURE AND MARKETS
1 WINNERS CIRCLE
ALBANY, NEW YORK 12235

OFFICE OF THE COMMISSIONER
518 457-4188

July 1999

Dear Friends:

Agriculture continues to be a vital component of the New York State economy as well as a major contributor to the quality of life for all New Yorkers. The Department of Agriculture and Markets takes pride in its service to the farm sector.

This publication provides valuable information to anyone interested in following the progress of farming and related industries in New York. The facts presented here are essential in demonstrating trends and changes to one of our State's major industries. These data help agri-businesses and farmers make decisions that improve their businesses along with the general health of agriculture for New York. This report also helps the public understand the presence of agriculture in their lives.

I offer my sincere thanks to all New York farm families and businesses who voluntarily provided the essential data that went into the estimates in this publication. Without your cooperation, none of this information would be available. I also wish to thank the staff of the New York Agricultural Statistics Service for their hard work and dedication in bringing this publication to you.

Sincerely,

Nathan L. Rudgers
Commissioner

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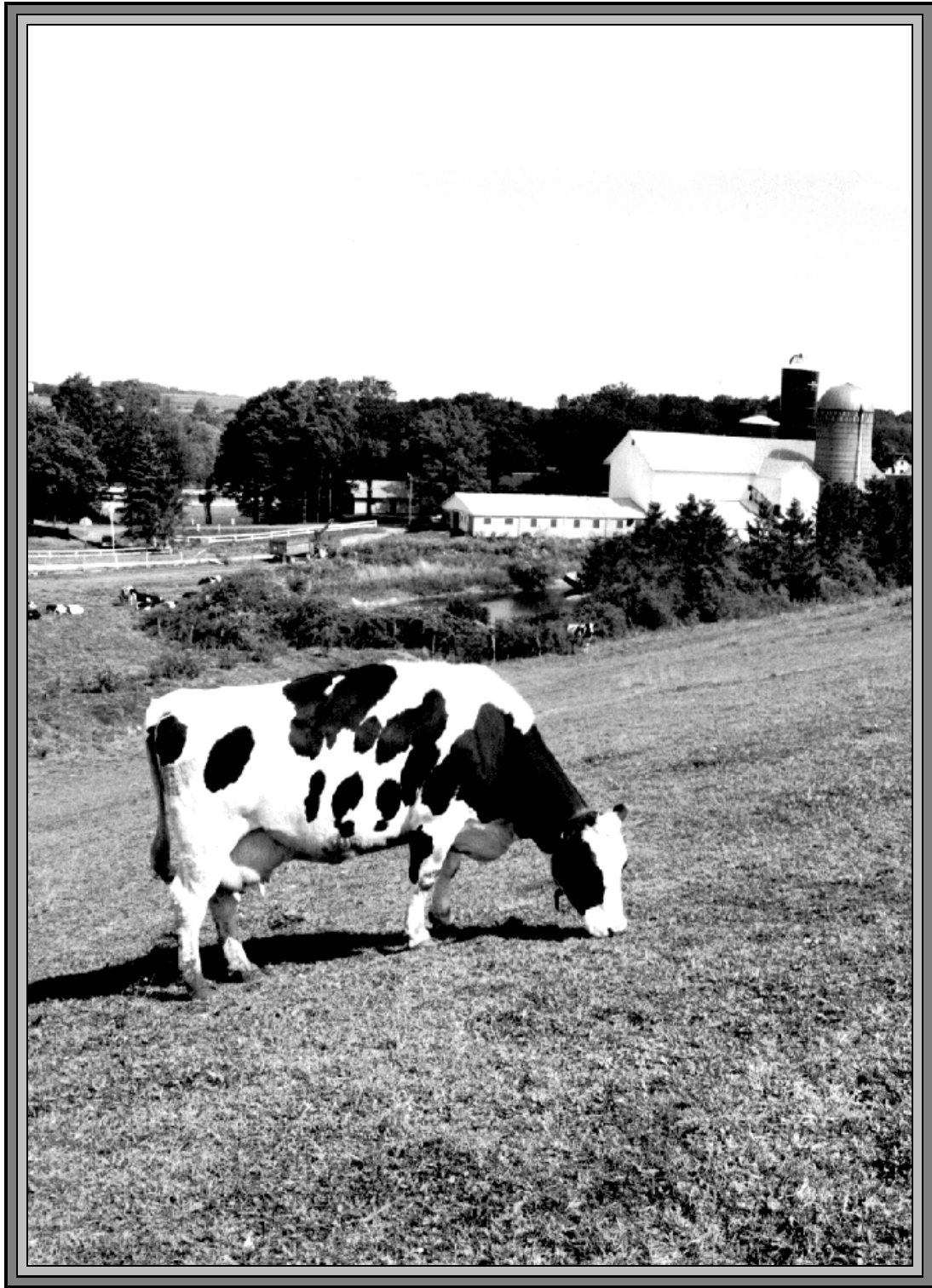
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ECONOMIC INDICATORS

FARM INCOME

State estimates of farm income are prepared annually by the Economic Research Service, U.S. Department of Agriculture (USDA). These estimates are based on USDA's annual Agricultural Resource Management Survey and a variety of existing independent data such as cash receipts, government program payments, property taxes, number of farms, land in farms, farm land values, and inventory changes. Estimates for 1996, the most recent available, are shown in table 5 on pages 8 and 9. The farm income estimates in table 5 on page 8 include operator households. The farm income estimates on page 9 and the balance sheet estimates in table 4, page 7 exclude operator households.

PROGRAM PAYMENTS TOTAL \$59.7 MILLION

Federal program direct payments to New York farmers increased to \$59.7 million in 1998. This amount was up 51 percent from 1997. The 1998 payments were equal to 1.9 percent of total cash farm receipts and 13 percent of net farm income. Direct payments to all New York farmers averaged \$1,570 per farm compared with \$1,043 per farm in 1997.

Table 1. **Government Payments to
New York Farmers, by Program,
1994-1998**

Program	1994	1995	1996	1997	1998
<i>Million dollars</i>					
Conservation	8.1	3.2	1.4	3.8	N/A
Feed Grains (<i>Corn</i>)	13.2	9.0	16.8	<u>1</u> /39.0	N/A
Wheat	2.6	1.3	4.2	N/A	N/A
Wool	0.5	0.2	-	-	-
Miscellaneous (<i>includes disasters</i>)	18.0	29.8	5.3	.5	N/A
All Programs	42.4	43.5	43.4	39.6	59.7

1/ Includes wheat.

NET FARM INCOME UP IN 1998

Net farm income increased 129 percent in 1998 to \$447 million. Crop output value totaled \$1.03 billion, up 1 percent and livestock output value increased 16 percent to \$2.08 billion. Consumption outlays increased 3 percent to \$1.79 billion while government transactions increased 51 percent.

FARMS BY SALES CLASS

Of the estimated 38,000 farms in New York in 1998, only 8,600 or 23 percent of all farms had sales of \$100,000 or more, but they operated 3.8 million acres or 49 percent of all land in farms. New York farms with sales of less than \$10,000 totaled 18,400 or 48 percent of all farms.

Table 2. **Number of Farms and Land in
Farms, by Sales Class, 1990-1998**

Year	Gross Value of Sales			
	\$1,000- 9,999	\$10,000- 99,999	\$100,000+	Total
<i>Thousand farms</i>				
1990	17.3	12.8	8.4	38.5
1991	17.2	12.6	8.2	38.0
1992	17.5	12.3	8.2	38.0
1993	18.6	11.9	8.0	38.5
1994	19.1	11.2	8.2	38.5
1995	18.6	11.4	8.0	38.0
1996	18.6	11.2	8.2	38.0
1997	18.7	11.0	8.3	38.0
1998	18.4	11.0	8.6	38.0
<i>Million acres</i>				
1990	1.6	2.7	4.1	8.4
1991	1.5	2.7	4.1	8.3
1992	1.4	2.6	4.2	8.2
1993	1.8	2.4	3.9	8.1
1994	1.8	2.3	3.8	7.9
1995	1.9	2.3	3.7	7.9
1996	1.9	2.2	3.7	7.8
1997	1.9	2.2	3.7	7.8
1998	1.8	2.2	3.8	7.8

FARMS AND FARMLAND UTILIZATION

The number of farms in New York (*places selling \$1,000 or more of agricultural products in a year*) totaled 38,000 in 1998, equal to a year earlier. Total land in farms remained at 7.80 million acres. Farmland accounts for 26 percent of the State's total land area.

Total cropland stands at 4.98 million acres and accounts for 64 percent of total land operated. Harvested cropland at 3.77 million acres represents 48 percent of total land operated. Field crops such as corn, hay, haylage and

greenchop, small grains, potatoes, soybeans and other field crops account for 93 percent of the total cropland harvested. Vegetable crops make up 4.1 percent and fruit crops 2.6 percent.

Estimates of farmland utilization are shown in table 3 below. The estimates are based on annual surveys with about 10,000 farms reporting each year. County estimates for major land use categories for 1997 and 1998 appear on pages 90 and 91.

Table 3. **FARMS AND FARMLAND:** Number of Farms, Land in Farms and Land Use, 1989-1998

Item	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Number of farms	39,000	38,500	38,000	38,000	38,500	38,500	38,000	38,000	38,000	38,000
Acres per farm	215	218	218	216	210	205	208	205	205	205
Land in farms	8,400	8,400	8,300	8,200	8,100	7,900	7,900	7,800	7,800	7,800
Cropland, Total	5,400	5,360	5,270	5,140	5,080	5,000	5,000	4,980	4,980	4,980
Cropland harvested, Total <u>1/</u>	3,911	3,867	3,752	3,768	3,749	3,808	3,700	3,730	3,760	3,770
Field crops harvested	3,655	3,615	3,500	3,522	3,503	3,562	3,446	3,482	3,510	3,519
Vegetable crops harvested	150	151	153	143	143	144	155	146	152	154
Fruit crops harvested	106	101	99	103	103	102	99	102	97	97
Cropland Pasture	780	750	740	720	700	690	710	700	680	670
Other Cropland	709	743	778	652	631	502	590	550	540	540
Permanent Pasture <u>2/</u>	710	730	720	740	710	680	680	670	670	670
Woodland <u>3/</u>	1,670	1,690	1,690	1,700	1,660	1,600	1,600	1,560	1,560	1,560
Other Land <u>4/</u>	620	620	620	620	650	620	620	590	590	590

1/ Beginning with 1992, field crops harvested and cropland harvested includes acres harvested only for haylage or greenchop.

2/ Excludes cropland and woodland pasture.

3/ Includes woodland pasture.

4/ Includes house lots, ponds, roads, waste, etc.

FARM DEBT RATIO HIGHER

New York farm debt increased 5 percent from 1996 to 1997. The level of debt, \$2.35 billion, was at its highest point since 1986. Real estate debt accounted for 36 percent of the total. However, at \$839 million, fell about one and one-half percent from 1996. New real estate debt increased 9 percent from a year earlier and accounted for the rest of farm debt. Farm assets in 1997 totaled \$13.0 billion, in New York, one percent below 1996. As a result, the debt-asset ratio increased one point to 18.1, its highest mark since 1989. The debt-equity ratio in 1997 was 22.2, its highest also since 1989.

With 38,000 farms in New York during 1997, assets per farm averaged \$341,000 compared with \$345,000 in the previous year. Debt per farm averaged \$62,000 in 1997 compared with \$59,000 in 1996.

Figure 1.
FARM BALANCE SHEET
New York, December 31, 1988-1997

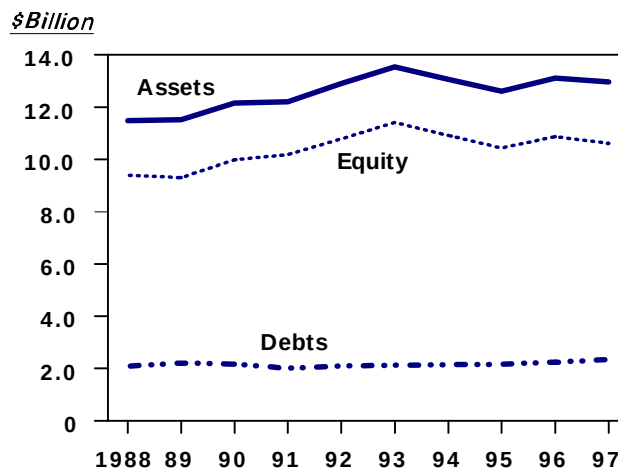


Table 4. **FARM BALANCE SHEET**, December 31, 1988-1997

Item	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<i>Million dollars</i>										
FARM ASSETS	11,494	11,517	12,155	12,208	12,901	13,548	13,070	12,613	13,108	12,967
Real estate	7,341	7,226	7,768	7,968	8,536	9,190	8,786	8,527	8,892	8,892
Livestock and poultry <u>1/</u>	1,158	1,291	1,258	1,263	1,303	1,294	1,242	1,138	1,176	1,138
Machinery and Motor vehicles <u>2/</u>	1,806	1,803	1,847	1,836	1,832	1,856	1,822	1,835	1,853	1,840
Crops <u>3/</u>	451	475	540	420	439	380	388	352	392	266
Purchased inputs	71	60	74	66	92	88	122	88	119	139
Financial	667	662	666	655	700	740	710	673	677	692
FARM DEBT <u>4/</u>	2,093	2,208	2,169	2,010	2,105	2,133	2,150	2,171	2,238	2,352
Real estate	931	1,032	901	850	878	879	878	854	851	839
Nonreal estate	1,162	1,176	1,268	1,160	1,227	1,253	1,271	1,318	1,387	1,513
EQUITY	9,401	9,309	9,985	10,198	10,796	11,415	10,920	10,442	10,870	10,615
Debt/equity	22.3	23.7	21.7	19.7	19.5	18.7	19.7	20.8	20.6	22.2
Debt/assets	18.2	19.2	17.8	16.5	16.3	15.7	16.4	17.2	17.1	18.1

SOURCE: Economic Research Service, U.S. Department of Agriculture.

1/ Excludes horses, mules, and broilers.

2/ Include only farm share value for trucks and autos.

3/ All non-CCC crops held on farms plus the value above loan rate for crops held under CCC.

4/ Excludes debt for nonfarm purposes.

Table 5. **VALUE ADDED TO NEW YORK ECONOMY BY AGRICULTURE, 1989-1998**

Item	1989	1990	1991	1992	1993
	<i>1,000 dollars</i>				
Final crop output	939,494	961,232	1,009,113	925,190	892,872
Food grains	21,716	17,708	15,307	17,982	12,894
Feed crops	132,582	144,969	152,069	147,382	144,898
Oil crops	5,324	7,508	8,010	8,124	15,135
Fruits and tree nuts	167,692	178,197	209,457	193,801	168,957
Vegetables	321,066	338,393	402,347	263,671	340,145
All other crops	272,323	256,827	239,694	305,940	252,167
Home consumption	2,540	2,628	2,594	2,594	2,628
Value of inventory adjustment	16,251	15,002	(20,365)	(14,303)	(43,952)
Final animal output	1,923,151	1,997,341	1,814,451	1,916,379	1,916,371
Meat animals	186,555	195,714	208,050	209,179	249,014
Dairy products	1,545,801	1,590,542	1,399,140	1,527,273	1,463,554
Poultry and eggs	81,892	101,462	94,236	82,280	90,799
Miscellaneous livestock	106,121	94,192	96,540	89,567	122,328
Home consumption	8,574	9,341	8,870	8,812	7,873
Value of inventory adjustment	(5,792)	6,090	7,615	(732)	(17,197)
Services and forestry	206,141	208,703	211,691	232,618	254,450
Machine hire and customwork	20,548	19,600	18,653	20,890	23,338
Forest products sold	20,610	19,370	17,440	7,630	9,190
Other farm income	41,921	44,583	46,634	66,390	66,646
Gross imputed rental value of farm dwellings	123,062	125,150	128,964	137,708	155,276
Final agricultural sector output	3,068,786	3,167,276	3,035,255	3,074,187	3,063,692
less: Intermediate consumption outlays	1,454,165	1,502,728	1,486,850	1,457,741	1,461,868
Feed purchased	442,138	445,787	437,202	438,356	428,251
Livestock and poultry purchased	15,021	17,952	15,186	21,906	19,928
Seed purchased	76,083	77,617	87,241	71,555	71,628
Fertilizers and lime	110,576	113,677	119,860	106,072	90,264
Pesticides	62,000	63,532	71,635	68,977	64,378
Petroleum fuel and oils	84,171	103,533	100,387	92,355	93,784
Electricity	73,513	68,837	66,012	66,954	69,837
Repair and maintenance of capital items	169,197	177,919	176,153	184,886	181,359
Machine hire and customwork	30,222	30,615	32,086	27,768	33,789
Marketing, storage, & transportation	165,230	150,689	129,251	93,984	114,268
Contract labor	10,627	9,482	6,187	6,824	7,031
Miscellaneous expenses	215,387	243,088	245,650	278,104	287,351
plus: Direct Government payments	76,025	59,304	41,242	47,872	72,286
less: Motor vehicle registration and licensing fees	4,940	5,881	5,496	5,079	3,992
less: Property taxes	161,765	179,879	185,374	189,766	192,825
Gross value added	1,523,941	1,538,091	1,398,778	1,469,474	1,477,294
less: Capital consumption	407,333	410,425	415,445	420,397	419,338
Net value added	1,116,608	1,127,666	983,333	1,049,077	1,057,956
less: Employee compensation (total hired labor)	281,225	329,640	323,855	327,516	340,922
Net rent received by nonoperator landlords	(16,191)	(9,295)	(5,311)	(5,051)	(9,667)
Real estate and nonreal estate interest	204,764	196,774	167,134	156,033	133,393
Net farm income	646,810	610,547	497,655	570,579	593,308

Table 5. **VALUE ADDED TO NEW YORK ECONOMY BY AGRICULTURE, 1989-1998** (Continued)

Item	1994	1995	1996	1997	1998
	<i>1,000 dollars</i>				
Final crop output	992,029	943,616	944,806	1,020,920	1,028,438
Food grains	18,978	26,825	29,605	22,790	19,047
Feed crops	154,924	162,602	194,526	169,216	164,313
Oil crops	18,432	15,196	18,344	25,987	19,991
Fruits and tree nuts	177,370	192,175	210,874	202,037	189,736
Vegetables	327,786	332,127	248,641	316,369	371,580
All other crops	241,659	241,398	231,611	271,058	289,338
Home consumption	2,628	2,594	2,594	2,594	2,594
Value of inventory adjustment	50,252	(29,300)	8,611	10,869	(28,161)
Final animal output	1,885,582	1,908,761	2,102,271	1,788,850	2,077,765
Meat animals	223,772	160,853	112,698	125,245	118,788
Dairy products	1,495,702	1,487,696	1,690,419	1,526,158	1,787,325
Poultry and eggs	89,844	91,601	101,213	86,704	91,325
Miscellaneous livestock	104,395	142,159	173,576	89,984	94,356
Home consumption	6,280	4,465	3,344	4,102	3,448
Value of inventory adjustment	(34,411)	21,987	21,021	(43,343)	(17,477)
Services and forestry	277,199	273,507	251,520	280,064	291,578
Machine hire and customwork	27,740	27,639	33,054	42,727	40,475
Forest products sold	9,450	8,980	9,160	9,618	10,099
Other farm income	67,865	70,922	51,540	73,543	80,223
Gross imputed rental value of farm	172,145	165,966	157,767	154,176	160,781
Final agricultural sector output	3,154,811	3,125,884	3,298,597	3,089,835	3,397,781
less: Intermediate consumption outlays	1,581,004	1,663,933	1,625,216	1,748,714	1,794,305
Feed purchased	407,619	439,049	438,824	481,289	479,555
Livestock and poultry purchased	14,812	14,935	12,434	13,723	13,734
Seed purchased	81,589	94,511	108,904	119,379	129,370
Fertilizers and lime	100,824	110,710	107,675	110,817	108,064
Pesticides	77,700	89,736	78,984	88,475	94,183
Petroleum fuel and oils	92,758	101,282	109,715	111,275	98,953
Electricity	72,463	76,933	72,869	92,796	72,793
Repair and maintenance of capital items	192,335	181,817	179,317	197,932	224,898
Machine hire and customwork	45,549	60,614	44,689	49,087	65,012
Marketing, storage, & transportation	150,635	150,319	130,365	138,253	115,092
Contract labor	9,202	7,491	10,849	12,806	15,527
Miscellaneous expenses	335,518	336,536	330,591	332,882	377,124
plus: Direct Government payments	42,417	43,481	43,401	39,623	59,675
less: Motor vehicle registration and licensing fees	6,787	7,424	6,557	6,406	7,637
less: Property taxes	200,928	199,290	202,828	210,720	226,578
Gross value added	1,408,508	1,298,718	1,507,397	1,163,618	1,428,936
less: Capital consumption	411,232	403,754	402,105	393,793	393,409
Net value added	997,276	894,964	1,105,292	769,825	1,035,527
less: Employee compensation (total hired labor)	342,657	370,955	384,738	392,878	409,569
Net rent received by nonoperator landlords	(11,407)	(9,725)	(6,758)	(2,193)	(17,358)
Real estate and nonreal estate interest	170,059	167,796	180,255	183,516	195,886
Net farm income	495,967	365,938	547,057	195,624	447,430

SOURCE: Economic Research Service, U.S. Department of Agriculture.

CASH RECEIPTS IN 1997

Sales of farm products in New York during 1997 amounted to \$2.83 billion, 6 percent below 1996. Receipts from livestock and products totaled \$1.83 billion compared with \$2.08 billion in the previous year. Dairy products receipts were \$164

million below 1996. Crop cash receipts increased 8 percent above 1996 at \$1.01 billion. Higher returns from vegetables and other crops more than offset lower returns for fruit crops and field crops.

Table 6. **CASH RECEIPTS:** Farm Marketings by Commodities, 1989-1998

	1989	1990	1991	1992	1993
	----1,000 dollars----				
LIVESTOCK AND PRODUCTS	1,936,646	1,958,395	1,797,966	1,908,299	1,901,088
Dairy products	1,545,801	1,590,542	1,399,140	1,527,273	1,463,554
Cattle and calves	183,511	174,886	191,157	194,733	237,212
Eggs	57,048	55,331	52,640	46,713	52,000
Hogs	16,895	18,692	14,529	12,018	13,820
Ducks	8,586	7,952	7,920	8,736	8,493
Turkeys	3,440	4,530	4,387	4,268	4,505
Sheep and wool	5,465	2,383	2,364	2,428	3,547
Broilers	3,050	3,643	2,835	1,369	1,530
Honey	2,802	2,843	2,960	2,818	2,539
Other livestock and poultry	110,048	97,953	120,034	107,943	113,888
FIELD CROPS	229,562	239,922	246,910	242,845	235,492
Corn for grain	54,560	66,539	76,536	67,800	70,355
Hay	70,324	72,429	70,106	74,528	71,573
Potatoes	56,373	56,234	60,900	61,475	56,513
Wheat	10,962	17,274	14,875	17,501	12,521
Soybeans	5,324	7,508	7,886	7,875	11,407
Dry beans	11,372	12,745	10,624	7,882	8,816
Oats	7,698	6,001	5,427	5,054	2,970
Other field crops	2,949	1,192	556	730	1,337
VEGETABLE CROPS	252,169	229,613	273,392	198,838	271,704
Onions	48,049	42,374	57,288	34,713	76,040
Cabbage	36,695	43,338	60,040	34,563	47,509
Sweet corn	38,967	34,309	36,526	30,692	39,544
Snap beans	31,678	21,029	24,019	12,041	19,602
Tomatoes 1/	16,023	16,397	14,591	6,846	9,936
Lettuce	3,847	8,112	6,965	7,782	3,972
Cucumbers 1/	7,134	5,811	7,951	8,901	6,667
Cauliflower	9,511	5,191	5,477	5,545	7,560
Carrots	6,527	3,745	7,558	7,807	4,376
Green peas	4,834	5,139	4,995	5,887	5,555
Beets	1,767	2,219	1,642	1,785	2,668
Other vegetables	42,972	40,426	43,400	36,862	48,275
FRUIT CROPS	167,411	178,197	209,457	193,801	169,773
Apples	98,112	109,423	125,228	130,985	106,067
Grapes	42,136	41,172	48,789	37,584	26,165
Strawberries	11,725	13,114	11,081	8,346	22,032
Cherries	4,320	3,285	12,561	4,513	2,165
Pears	3,631	3,687	3,981	4,734	3,781
Peaches	3,622	3,781	3,702	3,595	2,660
Other fruit and berries	3,865	3,735	4,115	4,044	6,903
ALL OTHER CROPS	270,128	256,069	239,694	305,940	293,079
Greenhouse and nursery	260,654	248,288	228,777	261,839	254,390
Christmas trees				30,100	30,000
Maple	7,768	5,901	7,176	9,360	3,366
Other, miscellaneous	1,706	1,880	3,741	4,641	5,323
ALL CROPS	919,270	903,801	969,453	941,424	970,048
ALL COMMODITIES	2,855,916	2,862,196	2,767,419	2,849,723	2,871,136

1998 CASH RECEIPTS UP 11 PERCENT

Cash receipts from New York farm marketings in 1998 are expected to reach \$3.16 billion, 11 percent above the 1997 total. Receipts from livestock and poultry products are an estimated \$2.09 billion, up 14 percent from the previous year. Dairy receipts fueled the

increase with a 17 percent jump in wholesale milk income. Crops sales are an estimated \$1.06 billion, 6 percent higher than the year before. That increase resulted from higher vegetable and greenhouse and nursery receipts.

Table 6. **CASH RECEIPTS:** Farm Marketings by Commodities, 1989-1998 (Continued)

	1994	1995	1996	1997	1998	
	---1,000 dollars---					% of Total
LIVESTOCK AND PRODUCTS	1,913,713	1,882,309	2,077,906	1,828,091	2,091,794	66.3
Dairy products	1,495,702	1,487,696	1,690,419	1,526,158	1,787,325	56.6
Cattle and calves	211,123	148,997	99,225	108,148	106,712	3.4
Eggs	50,002	55,871	66,949	51,671	50,943	1.6
Horses/mules <u>2/</u>				45,000	45,000	1.4
Hogs	9,390	8,125	10,192	13,851	8,828	0.3
Ducks	8,874	9,512	10,614	11,696	12,558	0.4
Turkeys	5,300	5,451	5,373	5,077	4,780	0.2
Sheep and wool	3,550	4,050	3,488	3,431	3,386	0.1
Broilers	1,904	2,381	3,280	2,730	4,059	0.1
Honey	2,913	3,728	4,842	3,672	3,640	0.1
Other livestock and poultry <u>3/</u>	124,955	156,498	183,524	56,657	64,563	2.0
FIELD CROPS	269,297	287,670	297,743	287,825	274,275	8.7
Corn for grain	79,200	87,356	115,291	83,801	79,200	2.5
Hay	74,904	71,004	75,211	82,610	81,190	2.6
Potatoes	66,194	71,148	43,984	59,989	61,186	1.9
Wheat	18,608	26,377	29,265	22,408	18,118	0.6
Soybeans	18,091	14,843	18,091	25,680	19,701	0.6
Dry beans	10,299	10,766	9,956	8,997	9,242	0.3
Oats	820	4,242	4,024	2,805	3,923	0.1
Other field crops	1,181	1,934	1,921	1,535	1,715	0.1
VEGETABLE CROPS	249,394	250,213	194,701	246,669	301,152	9.5
Onions	51,587	41,180	38,387	40,935	56,636	1.8
Cabbage	43,606	45,952	32,137	49,620	52,777	1.7
Sweet corn	46,114	65,443	46,352	44,812	63,065	2.0
Snap beans	23,986	21,378	20,841	28,790	30,192	1.0
Tomatoes <u>1/</u>	14,760	7,380	3,359	11,174	13,398	0.4
Lettuce	3,896	2,093	1,040	2,940	3,300	0.1
Cucumbers <u>1/</u>	6,306	6,674	6,747	12,840	14,668	0.5
Cauliflower	7,181	4,799	4,662	6,960	9,637	0.3
Carrots	3,372	4,261	2,915	4,251	4,164	0.1
Green peas	7,047	9,546	8,461	8,446	12,705	0.4
Beets	2,630	2,548	3,127	2,620	2,167	0.1
Other vegetables	38,909	38,959	26,673	33,281	38,443	1.2
FRUIT CROPS	177,370	192,175	210,874	202,037	199,245	6.3
Apples	111,953	132,860	137,137	139,507	138,595	4.4
Grapes	39,761	37,218	47,220	38,952	38,146	1.2
Strawberries	10,752	8,239	8,880	6,767	7,015	0.2
Cherries	3,631	2,076	2,896	3,355	3,457	0.1
Pears	4,848	5,392	5,748	3,070	3,754	0.1
Peaches	1,757	2,280	4,003	5,296	3,538	0.1
Other fruit and berries	4,668	4,110	4,990	5,090	4,740	0.2
ALL OTHER CROPS	241,189	240,265	230,283	270,212	288,842	9.2
Greenhouse and nursery	215,237	214,192	200,623	247,494	264,458	8.4
Christmas trees	17,100	17,900	18,300	13,200	15,300	0.5
Maple	6,150	4,888	8,747	6,752	5,886	0.2
Other, miscellaneous	2,702	3,285	2,613	2,766	3,198	0.1
ALL CROPS	937,250	970,323	933,601	1,006,743	1,063,514	33.7
ALL COMMODITIES	2,850,963	2,852,632	3,011,507	2,834,834	3,155,308	100.0

1/ Fresh only. Processing included with "Other Vegetables". 2/ Horses and Mules separated from "Other Livestock and Poultry" in 1997. 3/ Other Livestock and Poultry category redefined due to 1997 Census of Agriculture.

Table 7. **NEW YORK'S RANK IN THE NATION'S AGRICULTURE - 1998**

Item	1st	2nd	3rd	4th	5th	N.Y. Rank
FIELD CROPS						
Corn for silage	Wis.	Calif.	<u>N.Y.</u>	Pa.	Minn.	3
Corn for grain	Iowa	Ill.	Nebr.	Minn.	Ind.	17
Oats	N.Dak.	S.Dak.	Minn.	Wis.	Iowa	8
Winter wheat	Kansas	Okla.	Texas	Wash.	Colo.	29
Potatoes	Idaho	Wash.	Wis.	N.Dak.	Colo.	12
Dry beans	N.Dak.	Mich.	Nebr.	Colo.	Minn.	10
Alfalfa hay	Calif.	S.Dak.	Minn.	Wis.	Neb.	22
Other hay	Mo.	Texas	Ky.	Tenn.	Kansas	14
All hay	S.Dak.	Calif.	Kansas	Mo.	Neb.	23
FRUIT						
Apples	Wash.	<u>N.Y.</u>	Mich.	Calif.	Pa.	2
Cherries, sweet	Wash.	Ore.	Mich.	Calif.	Utah	8
Cherries, tart	Mich.	Utah	Wis.	<u>N.Y.</u>	Wash.	4
Peaches	Calif.	Pa.	Ga.	N.J.	Pa.	18
Pears	Wash.	Calif.	Ore.	<u>N.Y.</u>	Pa.	4
Grapes	Calif.	Wash.	<u>N.Y.</u>	Mich.	Pa.	3
Blueberries	Mich.	N.J.	Ore.	N.C.	Wash.	9
Strawberries	Calif.	Fla.	Ore.	N.C.	Mich.	7
VEGETABLES, FRESH MARKET						
Cabbage	Calif.	<u>N.Y.</u>	Texas	Ga.	Fla.	2
Carrots	Calif.	Mich.	Colo.	Wash.	Texas	9
Cauliflower	Calif.	Ariz.	<u>N.Y.</u>	Mich.	Texas	3
Cucumbers	Fla.	Ga.	Calif.	Mich.	<u>N.Y.</u>	5
Lettuce	Calif.	Ariz.	Colo.	N.M.	N.J.	7
Onions	Calif.	Wash.	Ore.	Colo.	Idaho	6
Snap beans	Fla.	Ga.	Calif.	<u>N.Y.</u>	Tenn.	4
Sweet corn	Fla.	Calif.	Ga.	<u>N.Y.</u>	Ohio	4
Tomatoes	Fla.	Calif.	Va.	Ga.	S.C.	12
VEGETABLES, PROCESSING						
Carrots	Wash.	Calif.	Wis.	Mich.	<u>N.Y.</u>	5
Green peas	Minn.	Wash.	Wis.	Ore.	<u>N.Y.</u>	5
Snap beans	Wis.	Ore.	Mich.	<u>N.Y.</u>	Ill.	4
Sweet corn	Wash.	Minn.	Wis.	Ore.	<u>N.Y.</u>	5
LIVESTOCK PRODUCTS						
Milk production	Calif.	Wis.	<u>N.Y.</u>	Pa.	Minn.	3
Cattle and calves <u>1/</u>	Texas	Nebr.	Kansas	Colo.	Okla.	34
Egg production	Ohio	Calif.	Pa.	Iowa	Ind.	21
Chickens (<i>excluding broilers</i>) <u>1/</u>	Ga.	Ark.	N.C.	Ala.	Ohio	18
Hogs and pigs <u>1/</u>	Iowa	N.C.	Minn.	Ill.	Ind.	31
Sheep and lambs <u>1/</u>	Colo.	Texas	Calif.	Wyo.	S.Dak.	27
DAIRY PRODUCTS						
Total American cheese	Wis.	Minn.	Calif.	Idaho	Wash.	8
Total Italian cheese	Wis.	Calif.	<u>N.Y.</u>	Pa.	S. Dak.	3
Total Cheese, excluding Cottage	Wis.	Calif.	<u>N.Y.</u>	Minn.	Idaho	3
Creamed Cottage cheese	<u>N.Y.</u>	Ill.	Calif.	Ind.	Ohio	1
Lowfat Cottage cheese	<u>N.Y.</u>	Calif.	Ill.	Wis.	Wash.	1
GENERAL CHARACTERISTICS						
Number of farms	Texas	Mo.	Iowa	Ky.	Calif.	26
Land in farms	Texas	Mont.	Kansas	Nebr.	N.M.	35
Total cash farm receipts	Calif.	Iowa	Texas	N.C.	Ga.	35

1/ Pounds sold.

Table 8. **NEW YORK HIGHS AND LOWS**

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
FIELD CORN						
All Harvested	Acres	1,440,000	1981	560,000	1930	1866
Grain Harvested	Acres	830,000	1981	97,000	1928	1919
Grain Production	Bushels	77,190,000	1981	3,298,000	1928	1919
Silage Harvested	Acres	682,000	1978	30,000	1919	1919
Silage Production	Tons	9,207,000	1978	2,754,000	1925	1919
OATS						
Grain Harvested	Acres	1,430,000	1896	75,000	1996	1866
Grain Production	Bushels	54,800,000	1902	4,275,000	1996	1866
WHEAT						
Grain Harvested	Acres	790,000	1880	75,000	1978	1866
Grain Production	Bushels	15,200,000	1878	2,625,000	1978	1866
HAY (Dry)						
All Harvested	Acres	5,067,000	1924	1,400,000	1998	1924
All Production	Tons	6,914,000	1916	3,110,000	1998	1914
Alfalfa Harvested	Acres	1,324,000	1966	185,000	1928	1924
Alfalfa Production	Tons	3,111,000	1966	357,000	1926	1924
POTATOES						
Harvested	Acres	435,000	1904	27,000	1992,1998	1866
Production	Cwt.	29,077,000	1909	6,628,000	1989	1866
DRY BEANS						
Harvested	Acres	250,000	1917	25,000	1988	1909
Production	Cwt.	2,070,000	1948	255,000	1983	1909
ONIONS						
Harvested	Acres	16,400	1965	5,830	1928	1918
Production	Cwt.	5,412,000	1965	729,000	1928	1918
SWEET CORN						
Harvested	Acres	60,500	1997	49,800	1988	1929
Production	Cwt.	6,578,400	1997	897,000	1933	1929
APPLES						
Production	Bushels	54,178,000	1896	2,160,000	1945	1889
GRAPES						
Production	Tons	198,000	1984	29,300	1918	1909
MAPLE SYRUP	Gallons	1,304,000	1918	180,000	1993	1916
CATTLE						
All Cattle and Calves <u>1/</u>	Head	2,596,000	1879	1,450,000	1995	1867
Beef Cows <u>1/</u>	Head	130,000	1976	5,000	1936	1920
Milk Cows <u>1/</u>	Head	1,540,000	1905	700,000	1996	1867
Milk Production	Mil. Lbs.	11,740	1998	6,874	1935	1924
OTHER LIVESTOCK						
All Hogs and Pigs	Head	840,000	1897	60,000	1998	1867
All Sheep and Lambs	Head	4,090,000	1867	55,000	1986	1867
POULTRY						
Hens and Pullets of Laying Age <u>2/</u>	Head	17,475,000	1944	3,470,000	1997	1924
Egg Production	Millions	2,414	1944	931	1997	1924
Broilers Produced	Head	14,618,000	1956	500,000	1977	1934
Turkeys Raised	Head	1,059,000	1954	138,000	1977	1929

1/ Inventory on January 1.2/ Inventory on December 1.

Table 9. **CROP SUMMARY:** Field Crops, Vegetables, Fruits, and Other Crops, 1998

Crop	Acres harvested	Yield per acre	Unit of production	Total production	Price per unit	Value of production
	<u>Acres</u>			<u>1,000</u>	<u>Dollars</u>	<u>1,000 dollars</u>
ALL CROPS <u>1/</u>	3,198,900					1,366,338
FIELD CROPS <u>1/</u>	2,950,000					770,692
Wheat	130,000	54.0	bu.	7,020	2.15	15,093
Oats	105,000	62.0	bu.	6,510	1.40	9,114
Rye	15,000	35.0	bu.	525	2.00	1,050
Barley	16,000	50.0	bu.	800	1.30	1,040
Soybeans	97,000	41.0	bu.	3,997	5.30	21,078
Corn for grain	580,000	114.0	bu.	66,120	2.15	142,158
Corn for silage	550,000	16.0	ton	8,800	25.30	222,640
Alfalfa hay	600,000	2.45	ton	1,470	101.00	148,470
Other hay	800,000	2.05	ton	1,640	79.50	130,380
Potatoes	27,000	270	cwt.	7,290	9.45	68,891
Dry beans	30,000	14.2	cwt.	426	25.30	10,778
VEGETABLES <u>1/</u>	152,700					257,711
Beets for processing	2,300	12.00	ton	27.6	78.50	2,167
Cabbage, fresh	12,100	380	cwt.	4/4,598	11.90	5/49,909
Cabbage, processing	3,000	20.60	ton	61.8	46.40	2,868
Carrots, fresh	500	300	cwt.	150	16.00	2,400
Carrots, processing	1,200	23.00	ton	27.6	63.90	1,764
Cauliflower, fresh & proc.	1,400	195	cwt.	273	35.30	9,637
Cucumbers, fresh	3,800	200	cwt.	760	19.30	14,668
Snap beans, fresh	5,300	62	cwt.	329	50.60	16,647
Snap beans, processing	20,800	3.70	ton	77.0	176.00	13,545
Green peas, processing	17,500	2.20	ton	38.5	330.00	12,705
Lettuce, fresh	600	275	cwt.	165	20.00	3,300
Onions, fresh & proc.	12,500	300	cwt.	4/3,750	15.30	5/51,638
Sweet corn, fresh	29,200	90	cwt.	2,628	18.10	47,567
Sweet corn, processing	39,200	5.60	ton	219.5	70.60	15,498
Tomatoes, fresh	3,300	140	cwt.	462	29.00	13,398
	<u>Acres of Bearing Age</u>	<u>Pounds Per Acre</u>	<u>Unit of production</u>	<u>In Unit Indicated 4/</u>	<u>Dollars/lb.</u>	<u>1,000 dollars</u>
FRUIT <u>1/</u>	96,200					173,465
Apples <u>2/</u>	55,000	18,360	mil. lbs.	1,010	.112	113,590
Peaches	1,600	6,250	mil. lbs.	10.0	.416	3,538
Tart cherries	2,600	5,380	mil. lbs.	14.0	.183	2,236
Blueberries	700	2,430	1,000 lbs.	1,700	1.03	1,640
Strawberries	1,600	3,810	1,000 lbs.	6,100	1.15	7,015
Red raspberries	450	2,670	1,000 lbs.	1,200	2.20	2,200
					<u>Dollars/ton</u>	
Pears	2,000	11,500	1,000 tons	11.5	375	3,754
Sweet cherries	750	1,730	1,000 tons	.65	2,070	1,346
Grapes	31,500	8,130	1,000 tons	128	305	38,146
OTHER CROPS <u>1/</u>						
Floriculture	<u>3/</u>	<u>3/</u>	1,000 sq. ft.	25,383	6.28 \$/sq.ft.	159,458
Maple syrup	<u>3/</u>	<u>3/</u>	1,000 gal.	195	25.70 \$/gal.	5,012

1/ Category totals of acres harvested and value of production include only the crops listed and exclude crops for which annual estimates are not available. 2/ Price and value in packinghouse door equivalent. 3/ Not available or applicable.

4/ Total production includes the following quantities not utilized or sold; cabbage, 404,000 cwt.; onions, 375,000 cwt.; tart cherries, 1.8 million pounds; sweet cherries, 50 tons; peaches, 1.5 million pounds; grapes, 3,000 tons; blueberries, 100,000 pounds; raspberries, 200,000 pounds. 5/ Value of sales.

CROPS

FIELD CROPS

GRAIN CORN production totaled 66.1 million bushels, up slightly from the 1997 level of 66.0 million bushels. Average yield of 114 bushels per acre was up 4 bushels from the previous year. There were 580,000 acres harvested in 1998 compared to 600,000 acres in 1997. The value of production at \$142 million was down 18 percent from last year's \$173 million. Acres harvested for corn silage were down 2 percent from a year earlier: 550,000 in 1998 versus 560,000 in 1997. Value of production for corn silage, at \$223 million, was down 23 percent from the 1997 value of \$289 million. Silage corn production, at 8.80 million tons, increased 5 percent from 1997. Nationally, New York ranked third behind Wisconsin and California in corn silage production.

WHEAT production in 1998 totaled 7.02 million bushels, down 4 percent from 1997's production of 7.28 million bushels. Average yield, at 54 bushels per acre in 1998, was down 2 bushels from the 1997 average of 56 bushels per acre. The value of production, at \$15.1 million, was down 38 percent from \$24.4 million in 1997.

OAT production increased 11 percent from the previous year to 6.51 million bushels. The number of acres harvested, at 105,000 was up 15,000 from a year earlier. Average yield per acre, at 62 bushels, was down 3 bushels from the previous year. The value of New York's oat crop decreased 8 percent from \$9.95 million in 1997 to \$9.11 million in 1998.

RYE acres harvested for grain, at 15,000 acres, was up 8,000 acres from the previous year. Rye production, at

525,000 bushels, was more than double a year earlier. The value of production totaled \$1.05 million, up from \$485,000 in 1997.

ALL DRY HAY production was placed at 3.11 million tons, down 10 percent from 1997 output of 3.44 million tons. Value of production, at \$279 million, makes hay the State's number one crop.

ALFALFA DRY HAY production was 1.47 million tons, 12 percent below the 1997 crop of 1.66 million tons. Value of production was \$148 million in 1998 versus \$183 million in 1997, a 19 percent decrease.

OTHER DRY HAY production, which includes clover-timothy, mixed grasses, etc., was 1.64 million tons, 8 percent lower than 1997's level of 1.78 million tons. Value of production, at \$130 million in 1998 was 9 percent less than the \$143 million obtained in 1997.

POTATO production increased from 7.15 million cwt. in 1997 to 7.29 million in 1998. Yield per acre averaged 270 cwt., 5 cwt. below 1997. Area harvested was 27,000 acres, up 1,000 acres from the year before. Value of production totaled \$68.9 million in 1998 compared to a 1997 value of \$62.6 million.

DRY BEAN production dropped 37 percent to 426,000 cwt. Average yield per acre decreased 140 pounds to 1,420 pounds per acre. Acres harvested was 30,000 acres. The value of production, at \$10.8 million, was down 23 percent from 1997.

1998 CROP SUMMARY

A warm, drier than normal **APRIL** pushed spring fieldwork ahead of schedule. Planting surged forward and timely rainfall encouraged emergence of recently seeded crops and hay growth. Soil moisture was mostly adequate. Onion planting neared completion. Planting of other vegetable crops gained momentum. A late frost damaged fruit crops across the state. Livestock feed supplies were short.

MAY provided excellent weather conditions for planting and harvesting and progress advanced well ahead of usual. Corn planting neared completion by the end of the month; the average progress is only 67 percent planted at this time. Alfalfa was 42 percent harvested, compared to an average of 4 percent. Apples were in good condition. Vegetable planting continued. Tornadoes ripped through eastern areas of the state causing severe damage and disabling some farms. Violent storms across the state produced hail and heavy rain, damaging orchards and vegetable crops.

The third wettest **JUNE** on record stalled fieldwork and increased soil moisture to surplus levels in many fields. Although good for pasture growth, very little dry hay was harvested. Wetness increased disease pressure on fruit and prevented growers from spraying orchards. Dry bean planting neared completion. Oats had headed and upstate potatoes started to bloom.

Wet conditions persisted through the first half of **JULY** but gave way to near ideal weather during the second

half of the month. At the end of July soil moisture had depleted to a level of 40 percent short and 60 percent adequate. Corn was recovering from the wetness; condition was mostly good to excellent. A lot of dry hay was put in the barn. The second cutting of alfalfa reached 81 percent complete. Regrowth was excellent. Wheat harvest wound down, oat harvest picked up momentum. Vegetable harvests were in full swing. Fruit crops were in good condition. Peach harvest got underway.

AUGUST was warm and dry, providing excellent conditions for harvest. Eastern areas of the state were drier than normal for the second consecutive month. Rainfall was needed. Soil moisture supplies fell to 9 percent very short, 26 percent short, and 16 percent adequate. Pastures also deteriorated. The corn crop was in good condition. Corn silage was nearing maturity. Oat harvest reached 93 percent complete with quality and yields rated good. The second cutting of alfalfa was almost complete, the third cutting about half finished, and a fourth cutting began in many areas. Potato harvest got underway about midmonth. Dry beans were being defoliated. Vegetable harvesting continued in high gear. Apple picking had begun by month's end and the Concord grape harvest was just getting underway. Sweet cherry and tart cherry harvests were completed, the pear harvest was 80 percent finished, peaches 60 percent, and pears 40 percent.

SEPTEMBER was warmer and drier than normal. Wide spread violent storms on Labor Day caused considerable

damage to fruit crops. High winds uprooted fruit trees and hail damaged fruit. Fieldwork progressed rapidly during the remainder of the month. Moisture was needed for fall seeded crops. By month's end grain corn was 15 percent harvested and silage corn 63 percent. Progress ran well ahead of normal. Potato digging remained very active and the dry bean harvest shifted into high gear. Orange County onions were 80 percent harvested. McIntosh apple harvest finished by the end of the month and Empire picking began. Cider making was in full swing. Grape harvesting picked up momentum. Concord grapes were in good condition with high sugar levels.

OCTOBER was another warmer and drier than normal month. Soil moisture at month's end was mostly adequate. Warm weather encourage pasture re-growth; conditions were mostly good. Corn was nearly 80 harvested, over twice the normal progress. Harvest remained about two weeks ahead of usual. Hay harvest was essentially done. Soybean, dry bean, and potato harvests were in full swing. Onions were being moved into storage. Most vegetable harvests were finished and growers turned under crop residues. Cabbage and pumpkin harvests moved ahead rapidly. Late apple varieties were still being picked. Grape harvesting in the Finger Lakes finished. Cider making continued.

Table 10. **FIELD CROPS:** Acres, Yield, Production, and Value, 1989-1998

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Bushels</u>	<u>1,000 bushels</u>	<u>Dollars per bu.</u>	<u>1,000 dollars</u>
<u>WHEAT</u>						
1989	135	130	45.0	5,850	3.50	20,475
1990	150	145	49.0	7,105	2.70	19,184
1991	115	110	49.0	5,390	3.35	18,057
1992	120	110	56.0	6,160	2.70	16,632
1993	95	85	46.0	3,910	3.30	12,903
1994	120	115	53.0	6,095	3.20	19,504
1995	130	125	55.0	6,875	4.20	28,875
1996	160	150	43.0	6,450	4.15	26,768
1997	135	130	56.0	7,280	3.35	24,388
1998	140	130	54.0	7,020	2.15	15,093
<u>OATS</u>						
1989	180	155	59.0	9,145	1.35	12,346
1990	160	135	61.0	8,235	1.41	11,611
1991	130	100	50.0	5,000	1.56	7,800
1992	140	110	70.0	7,700	1.43	11,011
1993	135	105	62.0	6,510	1.38	8,984
1994	130	110	64.0	7,040	1.42	9,997
1995	110	90	58.0	5,220	1.65	8,762
1996	85	70	55.0	3,850	2.10	8,085
1997	100	90	65.0	5,850	1.70	9,945
1998	115	105	62.0	6,510	1.40	9,114
<u>RYE</u>						
1989	80	15	32.0	480	2.55	1,224
1990	60	10	26.0	260	2.55	663
1991	50	8	33.0	264	2.55	673
1992	52	9	32.0	288	2.05	590
1993	40	8	27.0	216	2.25	486
1994	30	8	31.0	248	2.25	558
1995	42	9	35.0	315	2.25	709
1996	49	8	28.0	224	3.00	672
1997	40	7	33.0	231	2.10	485
1998	50	15	35.0	525	2.00	1,050
<u>BARLEY</u>						
1989	16	12	45.0	540	1.90	1,026
1990	12	9	50.0	450	1.95	878
1991	13	11	45.0	495	1.55	767
1992	12	10	56.0	560	1.75	980
1993	14	12	52.0	624	1.65	1,030
1994	12	9	61.0	549	1.75	961
1995	12	10	65.0	650	1.80	1,170
1996	16	12	54.0	648	3.05	1,976
1997	16	13	54.0	702	2.00	1,404
1998	18	16	50.0	800	1.30	1,040

Table 10. **FIELD CROPS:** Acres, Yield, Production, and Value, 1989-1998 (Continued)

Crop and Year	Planted <u>1/</u>	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Bushels</u>	<u>1,000 bushels</u>	<u>Dollars per bu.</u>	<u>1,000 dollars</u>
<u>SOYBEANS</u>						
1989	37	34	29.0	986	5.40	5,324
1990	40	39	35.0	1,365	5.50	7,508
1991	49	48	31.0	1,488	5.30	7,886
1992	52	50	30.0	1,500	5.25	7,875
1993	56	55	34.0	1,870	6.10	11,407
1994	70	68	41.0	2,788	5.00	13,940
1995	66	63	38.0	2,394	6.20	14,843
1996	76	75	35.0	2,625	6.35	16,669
1997	105	102	37.0	3,774	6.00	22,644
1998	100	97	41.0	3,977	5.30	21,078
<u>CORN FOR GRAIN</u>						
1989	1,150	570	93.0	53,010	2.80	148,428
1990	1,210	620	98.0	60,760	2.44	148,254
1991	1,230	660	98.0	64,680	2.70	174,636
1992	1,150	550	92.0	50,600	2.30	116,380
1993	1,100	540	105.0	56,700	2.85	161,595
1994	1,110	570	116.0	66,120	2.65	181,366
1995	1,130	620	105.0	65,100	3.85	246,593
1996	1,150	630	103.0	64,890	2.98	193,372
1997	1,170	600	110.0	66,000	2.62	172,920
1998	1,130	580	114.0	66,120	2.15	142,158
<u>CORN SILAGE</u>						
			<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	
1989	-	550	13.0	7,150	23.60	168,740
1990	-	580	15.0	8,700	24.90	216,630
1991	-	550	14.0	7,700	23.80	183,260
1992	-	550	14.5	7,975	22.80	181,830
1993	-	550	14.2	7,810	24.10	188,221
1994	-	540	15.8	8,532	22.70	193,676
1995	-	505	14.0	7,070	24.50	173,215
1996	-	510	15.5	7,905	25.80	203,949
1997	-	560	15.0	8,400	34.40	288,960
1998	-	550	16.0	8,800	25.30	222,640
<u>DRY BEANS 2/</u>						
			<u>Lbs.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	
1989	32	31.0	1,450	450	31.30	14,085
1990	41	39.5	1,700	672	16.00	10,752
1991	36	35.0	1,380	483	19.00	9,177
1992	35	29.0	1,050	305	23.40	7,137
1993	37	34.0	1,350	459	19.40	8,905
1994	39	38.5	1,520	585	20.30	11,876
1995	34	33.0	1,630	538	18.10	9,738
1996	30	29.0	1,300	377	27.00	10,179
1997	44	43.5	1,560	679	20.60	13,987
1998	31	30.0	1,420	426	25.30	10,778

1/ Complete utilization of corn acreage planted is shown on page 23. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

2/ Production by major varieties is shown on page 22.

Table 10. **FIELD CROPS:** Acres, Yield, Production, and Value, 1989-1998 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	<u>1,000 dollars</u>
<u>ALFALFA HAY</u>						
1989	-	840	2.45	2,058	88.00	181,104
1990	-	860	2.55	2,193	85.50	187,502
1991	-	760	2.50	1,900	84.50	160,550
1992	-	800	2.35	1,880	95.50	179,540
1993	-	700	2.45	1,715	97.00	166,355
1994	-	620	2.95	1,829	93.00	170,097
1995	-	650	2.60	1,690	94.00	158,860
1996	-	640	2.70	1,728	99.50	171,936
1997	-	640	2.60	1,664	110.00	183,040
1998	-	600	2.45	1,470	101.00	148,470
<u>OTHER HAY</u>						
1989	-	1,240	2.00	2,480	60.50	150,040
1990	-	1,120	1.95	2,184	64.50	140,868
1991	-	1,190	1.85	2,202	72.00	158,544
1992	-	900	1.90	1,710	76.50	130,815
1993	-	1,050	1.80	1,890	74.50	140,805
1994	-	1,040	2.05	2,132	75.00	159,900
1995	-	950	1.85	1,758	72.00	126,576
1996	-	870	2.00	1,740	74.50	129,630
1997	-	890	2.00	1,780	80.50	143,290
1998	-	800	2.05	1,640	79.50	130,380
<u>ALL HAY 1/</u>						
1989	-	2,080	2.18	4,538	75.50	331,144
1990	-	1,980	2.21	4,377	77.00	328,370
1991	-	1,950	2.10	4,102	77.50	319,094
1992	-	1,700	2.11	3,590	88.00	310,355
1993	-	1,750	2.06	3,605	90.50	307,160
1994	-	1,660	2.39	3,961	84.50	329,997
1995	-	1,600	2.16	3,448	85.50	285,436
1996	-	1,510	2.30	3,468	87.00	301,566
1997	-	1,530	2.25	3,444	94.00	326,330
1998	-	1,400	2.22	3,110	89.50	278,850

1/ All hay price is based on weighted sales, not production.

Table 11. **POTATOES:** Acreage, Yield, Production, and Disposition, Sales, and Value, 1989-1998

Crop Year	Planted	Harvested	Yield per acre	Production	Used on farms where grown <u>1/</u>	Sold	Marketing year average price	Value	
								Production	Sales
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	----- <u>1,000 cwt.</u> -----		<u>Dollars per cwt.</u>		<u>1,000 dollars</u>	
1989	30,000	28,800	230	6,628	383	6,245	8.70	57,664	54,331
1990	29,000	28,500	277	7,890	430	7,460	7.40	58,386	55,204
1991	29,600	29,500	234	6,917	542	6,375	8.70	60,178	55,463
1992	28,200	27,000	289	7,808	1,043	6,765	6.65	51,923	44,987
1993	28,800	28,200	273	7,693	585	7,108	8.20	63,083	58,286
1994	29,100	28,600	273	7,805	548	7,257	9.75	76,190	70,814
1995	28,000	27,500	270	7,425	445	6,980	7.45	55,316	52,001
1996	27,000	26,500	280	7,420	468	6,952	7.30	54,166	50,750
1997	26,500	26,000	275	7,150	454	6,696	8.75	62,563	58,590
1998	27,600	27,000	270	7,290	<u>2/</u>	<u>2/</u>	9.45	68,891	<u>2/</u>

1/ Includes feed and seed used on farms where produced and shrinkage during storage.2/ Available September 22, 1999.Table 12. **POTATOES:** Stocks Held by Growers and Local Dealers, 1989-1998 1/

Crop Year	December 1	January 1	February 1	March 1	April 1
	<u>1,000 cwt.</u>				
1989	3,100	2,100	1,500	<u>2/</u>	<u>2/</u>
1990	3,150	2,210	1,220	<u>2/</u>	<u>2/</u>
1991	3,050	2,450	1,700	<u>2/</u>	<u>2/</u>
1992	3,000	3,100	2,240	<u>2/</u>	<u>2/</u>
1993	3,650	2,000	1,200	<u>2/</u>	<u>2/</u>
1994	4,200	3,000	1,800	<u>2/</u>	<u>2/</u>
1995	3,400	2,500	1,500	900	400
1996	3,700	2,400	1,400	800	350
1997	3,600	2,500	1,500	800	400
1998	3,800	2,500	1,600	900	350

1/ Total stocks consist of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.2/ Not published to avoid disclosure of individual operations.

Table 13. **DRY BEANS:** Acreage, Yield, Production, and Off-Farm Stocks, by Class, 1989-1998

Crop Year	Acres		Yield per acre	Production	Off-Farm Stocks		
	Planted	Harvested			Jan. 1	Apr. 1	Sept. 1
	<u>1,000 acres</u>		<u>Cwt.</u>	<u>1,000 cwt.</u>		<u>1,000 cwt.</u>	
<u>RED KIDNEY</u>							
1989	22.0	21.5	14.8	318	120	58	5
1990 Light	21.0	20.0	16.8	336	152	67	6
1990 Dark	5.5	5.4	16.9	91	3	1	-
1991 Light	20.0	19.5	13.6	266	151	102	<u>1/</u>
1991 Dark	4.5	4.3	15.3	66	8	6	<u>1/</u>
1992 Light	19.5	16.0	9.7	155	99	63	<u>1/</u>
1992 Dark	3.5	2.6	10.8	28	1	<u>1/</u>	-
1993 Light	20.0	18.0	12.8	230	142	63	<u>1/</u>
1993 Dark	5.0	4.8	12.5	60	1	-	-
1994 Light	21.0	20.5	14.8	303	138	81	<u>1/</u>
1994 Dark	5.0	5.0	14.6	73	-	-	-
1995 Light	19.0	18.0	16.2	292	125	72	<u>1/</u>
1995 Dark	4.0	4.0	16.0	64	-	-	<u>1/</u>
1996 Light	16.5	16.0	12.7	203	113	78	<u>1/</u>
1996 Dark	3.5	3.0	12.7	38	<u>1/</u>	<u>1/</u>	<u>1/</u>
1997 Light	25.0	24.5	15.8	387	80	60	<u>1/</u>
1997 Dark	2.0	2.0	16.5	33	<u>1/</u>	<u>1/</u>	<u>1/</u>
1998 Light	16.0	15.5	13.5	209	113	56	<u>2/</u>
1998 Dark	2.0	2.0	16.0	32	<u>1/</u>	<u>1/</u>	<u>2/</u>
<u>BLACK</u>							
1989	7.1	6.8	14.1	96	28	16	1
1990	10.0	9.8	17.6	172	51	22	4
1991	8.0	7.8	12.7	99	65	60	<u>1/</u>
1992	8.5	7.2	12.5	90	52	36	11
1993	8.0	7.5	16.0	120	92	37	12
1994	9.0	9.0	16.2	146	90	45	12
1995	8.0	8.0	16.9	135	93	58	15
1996	7.0	7.0	14.3	100	63	49	14
1997	13.0	13.0	15.3	199	58	35	11
1998	10.5	10.0	14.7	147	82	52	<u>2/</u>
<u>OTHER CLASSES</u>							
1989	2.9	2.7	13.3	36	14	2	1
1990	4.5	4.3	17.0	73	17	12	6
1991	3.5	3.4	15.3	52	20	15	8
1992	3.5	3.2	10.0	32	17	<u>1/</u>	<u>1/</u>
1993	4.0	3.7	13.2	49	16	2	<u>1/</u>
1994	4.0	4.0	15.8	63	23	12	<u>1/</u>
1995	3.0	3.0	15.7	47	35	12	5
1996	3.0	3.0	12.0	36	<u>1/</u>	<u>1/</u>	7
1997	4.0	4.0	15.0	60	<u>1/</u>	<u>1/</u>	16
1998	2.5	2.5	15.2	38	<u>1/</u>	<u>1/</u>	<u>2/</u>
<u>ALL CLASSES</u>							
1989	32.0	31.0	14.5	450	162	76	7
1990	41.0	39.5	17.0	672	223	102	16
1991	36.0	35.0	13.8	483	244	183	82
1992	35.0	29.0	10.5	305	169	106	36
1993	37.0	34.0	13.5	459	251	102	25
1994	39.0	38.5	15.2	585	251	138	24
1995	34.0	33.0	16.3	538	253	142	26
1996	30.0	29.0	13.0	377	211	146	26
1997	44.0	43.5	15.6	679	159	127	34
1998	31.0	30.0	14.2	426	210	108	<u>2/</u>

1/ Included in total to avoid disclosure of individual operations.2/ Available September 1999.

Table 14. **CORN:** Acreage Utilization, 1989-1998

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
		<u>1,000 acres</u>					
1989	1,150	570	350	160	60	550	30
1990	1,210	620	380	180	60	580	10
1991	1,230	660	430	175	55	550	20
1992	1,150	550	400	120	30	550	50
1993	1,100	540	390	120	30	550	10
1994	1,110	570	420	120	30	540	0
1995	1,130	620	460	130	30	505	5
1996	1,150	630	435	175	20	510	10
1997	1,170	600	450	120	30	560	10
1998	1,130	580	435	115	30	550	0

Table 15. **HAY:** Stocks on Farms, 1989-1998

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1	
		Stocks	Percent of production	Stocks	Percent of production
	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>Percent</u>	<u>1,000 tons</u>	<u>Percent</u>
1989	4,538	3,177	70	998	22
1990	4,377	3,502	80	1,007	23
1991	4,102	2,666	65	615	15
1992	3,590	2,334	65	503	14
1993	3,605	1,983	55	361	10
1994	3,961	2,377	60	594	15
1995	3,448	2,069	60	552	16
1996	3,468	2,254	65	552	16
1997	3,444	1,998	59	555	17
1998	3,110	1,990	62	344	12

NEW YORK FEED GRAIN DEFICIT IN 1998

New York feed grain production (*corn, oats, barley*) in 1998 rose 1 percent from a year earlier, but was more than offset by a 4 percent increase in the quantity of grain fed. The number of grain consuming animal units remained unchanged from 1997, but an increase in the quantity of grain fed per animal pushed New York's feed grain deficit above that of the previous year.

Although the feed grain deficit in recent years has been lower than in the 1970's and 1980's, feed grain is brought into New York annually to meet the feeding requirements of the State's livestock and poultry industry. Feed grain produced in New York during 1998 met 93 percent of the State's feeding requirements. In 1997 it met 96 percent of the State's feeding requirements.

Table 16. **FEED GRAIN:** Production and Quantities Fed, 1989-1998

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
	<u>1,000 tons</u>		
1989	1,643	2,163	520
1990	1,844	2,207	363
1991	1,903	2,239	336
1992	1,553	2,271	718
1993	1,707	2,191	484
1994	1,977	2,113	136
1995	1,923	2,134	211
1996	1,895	2,111	216
1997	1,959	2,048	89
1998	1,974	2,130	156



VEGETABLES

The value of New York's 1998 vegetable production totaled 259 million dollars, 20 percent higher than the 215 million dollar value of the 1997 vegetable crop. The value of the Empire State's principle fresh market vegetables at 209 million dollars is up 22 percent from 1997, while the value of the principle processing vegetables at 49.8 million dollars increased 15 percent from last year.

The year-end estimate of production for the principle New York vegetable crops grown for fresh market in 1998 is 13.1 million hundredweight (cwt.). This is an increase of 2 percent from the 12.9 million cwt. produced in 1997 and 31 percent higher than the 10.0 million cwt. produced in 1996.

New York's fresh market **CABBAGE** production for 1998, estimated at 4.60 million cwt., is down 14 percent from 1997's production of 5.38 million cwt. New York ranks second in the nation for the production of fresh market cabbage.

New York's fresh market **SWEET CORN** production for 1998 is estimated at 2.63 million cwt., up 32 percent from the 1.99 million cwt. crop of 1997. Fresh market **SNAP BEAN** production for 1998, estimated at 329,000 cwt. is up 4 percent from last year's crop of 316,000 cwt.

ONION production in New York for both fresh market and processing sales is estimated at 3.75 million cwt. for 1998. This is an increase of 2 percent from the 3.66 million cwt. produced in 1997 and 37 percent above 1996.

The 1998 production estimate for New York's principle processing **VEGETABLE CROPS** is 459,600 tons, 10 percent lower than the 510,400 tons produced in 1997. The state's production during 1998 of **SNAP BEANS** for processing is estimated at 76,960 tons, 1 percent lower than the 77,520 tons grown in 1997. Production of **SWEET CORN** for processing is estimated at 219,520 tons, 13 percent below the 251,520 tons produced in 1997. **GREEN PEA** processing production

in 1998 is estimated at 38,500 tons, 4 percent less than 1997 production levels. Production of **CABBAGE FOR**

KRAUT at 61,800 tons is 11 percent lower than the 69,230 tons produced in 1997. New York ranked second in the nation in the production of cabbage for kraut in 1998.

**Table 17. PRINCIPAL VEGETABLES
FOR FRESH MARKET ^{1/}**

Year	Planted	Harvested	Production	Value
	<u>1,000 acres</u>		<u>1,000 cwt.</u>	<u>Million dol.</u>
1989	72.3	67.1	11,858	173.0
1990	72.9	68.9	15,405	163.9
1991	72.6	68.4	13,586	197.8
1992	72.5	63.8	12,080	157.0
1993	65.4	61.3	12,842	183.8
1994	67.5	63.5	13,824	168.4
1995	72.8	68.4	13,404	176.9
1996	65.1	61.1	10,019	108.7
1997	67.7	64.3	12,893	172.1
1998	71.6	68.7	13,115	209.2

^{1/} Includes processing totals for dual usage crops (carrots 1989-1992; cauliflower 1989-1998).

**Table 18. PRINCIPAL VEGETABLES
FOR PROCESSING ^{1/}**

Year	Planted	Harvested	Production	Value
	<u>1,000 acres</u>		<u>1,000 tons</u>	<u>Million dol.</u>
1989	72.8	70.2	327.1	32.3
1990	75.0	68.7	385.2	36.4
1991	74.4	71.1	310.7	33.0
1992	70.1	63.2	316.6	29.6
1993	72.6	67.2	431.4	41.4
1994	67.0	63.6	422.7	38.0
1995	89.4	86.4	452.6	45.3
1996	86.9	84.2	432.7	44.5
1997	90.1	87.6	510.4	43.3
1998	90.2	84.9	459.6	49.8

^{1/} Beginning in 1993, includes carrots.

Table 19. **VEGETABLES FOR FRESH MARKET:** Acres, Yield, Production, and Value, 1989-1998

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>
<u>CARROTS 1/</u>						
1989	1,300	1,200	360	432	8.91	3,847
1990	1,300	1,200	365	438	8.55	3,745
1991	1,300	1,200	430	516	14.60	7,558
1992	1,500	1,300	390	507	15.40	7,807
1993	880	680	335	228	16.00	3,648
1994	700	700	395	277	16.00	4,432
1995	750	750	320	240	14.00	3,360
1996	600	600	220	132	15.00	1,980
1997	650	600	280	168	16.00	2,688
1998	500	500	300	150	16.00	2,400
<u>CAULIFLOWER 1/</u>						
1989	2,500	2,200	117	258	29.80	7,679
1990	2,000	1,800	120	216	26.90	5,811
1991	1,700	1,400	146	204	26.90	5,477
1992	1,700	1,300	118	154	36.00	5,545
1993	1,500	1,200	150	180	42.00	7,560
1994	1,500	1,300	135	176	40.80	7,181
1995	1,300	1,200	155	186	25.80	4,799
1996	1,100	1,000	140	140	33.30	4,662
1997	1,100	1,000	200	200	34.80	6,960
1998	1,400	1,400	195	273	35.30	9,637
<u>CUCUMBERS</u>						
1989	3,100	2,900	105	305	21.40	6,527
1990	3,300	3,200	134	429	12.10	5,191
1991	3,400	3,300	145	479	16.60	7,951
1992	3,600	3,400	140	476	18.70	8,901
1993	3,900	3,800	145	551	12.10	6,667
1994	3,300	3,300	130	429	14.70	6,306
1995	3,500	3,400	130	442	15.10	6,674
1996	4,100	3,900	100	390	17.30	6,747
1997	3,100	3,000	200	600	21.40	12,840
1998	3,800	3,800	200	760	19.30	14,668
<u>LETTUCE</u>						
1989	2,700	2,400	205	492	14.50	7,134
1990	3,000	2,600	200	520	15.60	8,112
1991	3,000	2,600	190	494	14.10	6,965
1992	2,600	1,900	160	304	25.60	7,782
1993	1,300	1,100	230	253	15.70	3,972
1994	1,100	1,000	245	245	15.90	3,896
1995	1,000	900	150	135	15.50	2,093
1996	900	800	100	80	13.00	1,040
1997	800	700	280	196	15.00	2,940
1998	700	600	275	165	20.00	3,300

1/ Includes quantities used for processing, carrots 1989-1992, cauliflower 1989-1998.

Table 19. **VEGETABLES FOR FRESH MARKET:** Acres, Yield, Production, and Value, 1989-1998 (*Continued*)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>
SNAP BEANS						
1989	6,200	6,000	53	318	34.30	10,907
1990	4,300	4,000	65	260	31.30	8,138
1991	4,800	4,600	70	322	31.10	10,014
1992	4,200	3,700	40	148	29.50	4,366
1993	4,200	4,100	75	308	28.70	8,840
1994	5,200	4,600	105	483	28.10	13,572
1995	5,100	4,100	55	226	38.50	8,701
1996	4,200	3,900	40	156	49.30	7,691
1997	5,300	5,100	62	316	54.80	17,317
1998	5,400	5,300	62	329	50.60	16,647
SWEET CORN						
1989	26,100	24,800	80	1,984	15.10	29,958
1990	27,600	26,500	80	2,120	11.50	24,380
1991	28,600	26,500	75	1,988	14.20	28,230
1992	29,400	25,400	65	1,651	11.90	19,647
1993	25,000	23,000	85	1,955	11.90	23,265
1994	27,000	25,700	100	2,570	12.70	32,639
1995	32,800	30,500	85	2,593	18.90	49,008
1996	28,800	27,100	75	2,033	14.80	30,088
1997	29,200	27,300	73	1,993	14.90	29,696
1998	30,700	29,200	90	2,628	18.10	47,567
TOMATOES						
1989	2,600	2,500	170	425	37.70	16,023
1990	2,900	2,800	160	448	36.60	16,397
1991	2,800	2,700	140	378	38.60	14,591
1992	2,900	2,200	80	176	38.90	6,846
1993	2,500	2,300	120	276	36.00	9,936
1994	2,700	2,500	160	400	36.90	14,760
1995	2,600	2,400	125	300	24.60	7,380
1996	2,100	1,900	80	152	22.10	3,359
1997	3,400	3,200	120	384	29.10	11,174
1998	3,400	3,300	140	462	29.00	13,398

Table 20. **CABBAGE FOR FRESH MARKET:** Acres, Yield, Production, Sales, and Value, 1989-1998

Crop Year	Planted	Harvested	Yield per acre	Production	Sales ^{1/}	Marketing year average price	Value of Sales	January 1 Stocks
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dol.</i>	<i>1,000 cwt.</i>
1989	14,200	13,500	338	4,560	4,132	12.09	49,949	1,040
1990	15,200	14,200	439	6,230	5,159	7.99	41,215	1,760
1991	14,300	13,900	395	5,490	4,730	12.00	56,762	1,060
1992	13,500	12,100	342	4,137	3,600	7.96	28,647	1,010
1993	13,600	13,100	410	5,371	5,054	8.91	45,031	1,250
1994	12,800	12,000	450	5,400	4,855	8.48	41,170	1,320
1995	12,900	12,500	420	5,250	4,935	8.90	43,922	1,390
1996	11,000	10,500	400	4,200	3,746	8.08	30,268	1,263
1997	11,600	11,200	480	5,376	4,785	9.70	46,415	1,725
1998	12,600	12,100	380	4,598	4,194	11.90	49,909	1,613

^{1/} Excludes quantities lost from shrinkage and waste.

Table 21. **ONIONS FOR FRESH MARKET:** Acres, Yield, Production, and Value, 1989-1998

Crop Year	Planted	Harvested	Yield per acre	Production	Sales <u>1/</u>	Marketing year average price	Value of Sales
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dol.</i>
1989	13,200	11,200	260	2,912	2,533	14.50	36,770
1990	12,900	12,200	380	4,636	3,565	13.90	49,421
1991	12,300	11,800	300	3,540	3,263	17.60	57,282
1992	12,800	12,200	360	4,392	3,628	17.10	61,990
1993	12,500	12,000	310	3,720	3,497	21.40	74,834
1994	13,200	12,400	310	3,844	3,422	13.00	44,486
1995	12,800	12,600	320	4,032	3,690	13.80	50,922
1996	12,300	11,400	240	2,736	2,345	9.80	22,911
1997	12,500	12,200	300	3,660	3,309	12.70	42,024
1998	13,100	12,500	300	3,750	3,187	16.30	51,948

1/ Excludes quantities lost from shrinkage and waste.Table 22. **ONIONS:** Acres, Yield, and Production, by Area, 1989-1998

Year	Orange County	Orleans-Genesee <u>1/</u>	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
HARVESTED ACRES							
1989	6,000	1,500	1,800	650	800	450	11,200
1990	6,000	2,450	2,000	450	900	400	12,200
1991	5,400	2,700	1,900	550	850	400	11,800
1992	5,500	2,500	2,000	800	1,100	300	12,200
1993	5,200	2,700	1,900	600	1,200	400	12,000
1994	5,600	2,600	1,900	700	1,300	300	12,400
1995	5,700	2,700	1,800	800	1,300	300	12,600
1996	5,400	2,400	1,900	500	900	300	11,400
1997	5,800	2,500	2,200	400	1,000	300	12,200
1998	4,700	3,400	2,800	200	1,100	300	12,500
YIELD PER ACRE - Cwt.							
1989	250	210	280	280	360	273	260
1990	390	380	380	280	400	300	380
1991	310	225	380	200	350	320	300
1992	380	390	330	230	360	290	360
1993	300	300	360	250	350	240	310
1994	390	310	370	280	320	330	310
1995	330	320	350	200	320	270	320
1996	190	280	290	290	310	240	240
1997	270	280	390	250	350	290	300
1998	200	370	370	280	360	210	300
PRODUCTION - 1,000 Cwt.							
1989	1,500	315	504	182	288	123	2,912
1990	2,340	930	760	126	360	120	4,636
1991	1,674	608	722	110	298	128	3,540
1992	2,090	975	660	184	396	87	4,392
1993	1,560	810	684	150	420	96	3,720
1994	1,624	806	703	196	416	99	3,844
1995	1,881	864	630	160	416	81	4,032
1996	1,017	672	551	145	279	72	2,736
1997	1,566	700	858	100	350	86	3,660
1998	940	1,258	1,036	56	397	63	3,750

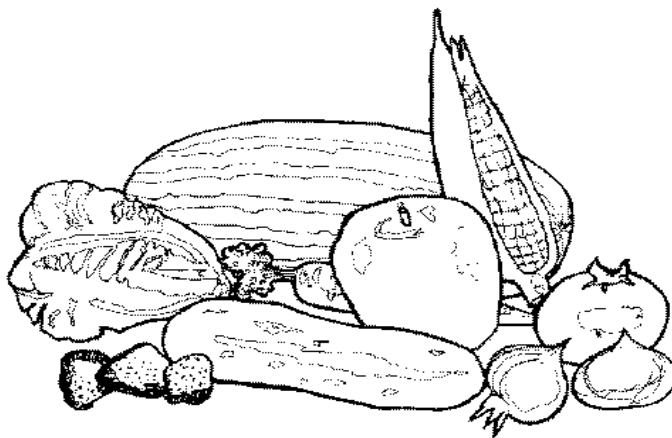
1/ Includes small acreages in Livingston and Niagara Counties.

Table 23. **VEGETABLES FOR PROCESSING:** Acres, Yield, Production, and Value, 1989-1998

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
<u>BEETS</u>						
1989	2,100	2,000	13.70	27,400	64.50	1,767
1990	2,300	2,200	16.67	36,674	60.50	2,219
1991	2,300	1,900	15.38	29,222	56.20	1,642
1992	2,000	1,900	15.25	28,980	61.60	1,785
1993	2,600	2,600	14.70	38,220	69.80	2,668
1994	2,900	2,900	15.40	44,660	58.90	2,630
1995	3,900	3,900	11.00	42,900	59.40	2,548
1996	4,200	4,200	9.90	41,580	75.20	3,127
1997	2,700	2,700	15.00	40,500	64.70	2,620
1998	2,300	2,300	12.00	27,600	78.50	2,167
<u>CABBAGE FOR KRAUT</u>						
1989	2,600	2,600	25.77	67,000	38.10	2,553
1990	2,100	2,000	27.00	54,000	40.80	2,203
1991	2,400	2,400	23.33	56,000	38.00	2,128
1992	1,500	1,400	25.00	35,000	39.00	1,365
1993	2,100	2,000	36.50	73,000	49.00	3,577
1994	2,100	2,100	29.00	60,900	40.00	2,436
1995	3,000	3,000	17.00	51,000	39.80	2,030
1996	3,000	3,000	15.50	46,500	40.20	1,869
1997	2,300	2,300	30.10	69,230	46.30	3,205
1998	3,000	3,000	20.60	61,800	46.40	2,868
<u>GREEN PEAS</u>						
1989	11,500	10,600	1.60	16,960	285.00	4,834
1990	10,500	10,000	1.76	17,600	292.00	5,139
1991	11,500	11,300	1.30	14,690	340.00	4,995
1992	12,800	10,400	2.12	22,050	267.00	5,887
1993	13,200	11,900	1.86	22,130	251.00	5,555
1994	10,200	9,700	2.54	24,640	286.00	7,047
1995	18,400	18,200	1.66	30,210	316.00	9,546
1996	15,100	14,400	1.92	27,650	306.00	8,461
1997	18,900	18,200	2.21	40,220	210.00	8,446
1998	19,600	17,500	2.20	38,500	330.00	12,705
<u>SNAP BEANS</u>						
1989	26,400	25,200	2.76	69,550	188.00	13,075
1990	24,400	22,600	3.10	70,060	184.00	12,891
1991	23,800	23,400	3.15	73,710	190.00	14,005
1992	18,700	17,600	2.45	43,120	178.00	7,675
1993	18,300	16,900	3.20	54,080	199.00	10,762
1994	18,000	17,300	3.52	60,900	171.00	10,414
1995	22,300	21,400	3.59	76,830	165.00	12,677
1996	21,100	20,200	3.50	70,700	186.00	13,150
1997	23,500	22,800	3.40	77,520	148.00	11,473
1998	21,200	20,800	3.70	76,960	176.00	13,545

Table 23. **VEGETABLES FOR PROCESSING:** Acres, Yield, Production, and Value, 1989-1998 (*Continued*)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
<u>SWEET CORN</u>						
1989	28,000	27,700	4.00	110,800	60.80	6,737
1990	33,300	29,700	5.60	166,320	59.70	9,929
1991	33,200	31,100	3.80	118,180	70.20	8,296
1992	33,900	30,800	5.50	169,400	65.20	11,045
1993	33,400	30,800	6.90	212,520	76.60	16,279
1994	32,500	30,300	6.80	206,040	65.40	13,475
1995	40,300	38,500	5.80	223,300	73.60	16,435
1996	41,900	40,900	5.50	224,950	72.30	16,264
1997	40,400	39,300	6.40	251,520	60.10	15,116
1998	42,000	39,200	5.60	219,520	70.60	15,498
<u>CARROTS</u>						
1993	620	620	22.58	14,000	52.00	728
1994	700	700	20.14	14,100	59.50	839
1995	850	830	20.00	16,600	54.30	901
1996	1,100	1,100	14.00	15,400	60.70	935
1997	1,500	1,500	17.00	25,500	61.30	1,563
1998	1,200	1,200	23.00	27,600	63.90	1,764



FRUITS AND BERRIES

The value of New York's 1998 tree fruit and grape production totaled \$169 million, down 16 percent from the 1997 value. The value of utilized production was below the previous year for all fruits except sweet cherries, pears, blueberries and strawberries.

The 1998 **APPLE** crop in New York was down 4 percent to 1,070 million pounds. McIntosh was the leading variety produced in the State, accounting for 22 percent of the total production. Following McIntosh were Rome, Empire, and Red Delicious. This year's value of utilized apple production, based on packinghouse door equivalent returns, totaled \$110 million. New York ranks second in apple production behind Washington.

GRAPE production in New York decreased 8 percent from 1997 to 128,000 tons. Fresh grapes totaled 2,000 tons while 123,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 71 percent of the total grapes processed with the remaining 29 percent going for wine.

The value of the 1998 grape crop is estimated at \$38.1 million, 2 percent below the 1997 crop value. New York ranked third in grape production behind California and Washington.

New York's **TART CHERRY** crop is estimated at 14.0 million pounds, down 3 percent from the 1997 crop of 14.5 million pounds. The value of utilized production is estimated at \$2.20 million. New York ranked fourth nationally in tart cherry production.

New York **SWEET CHERRY** production, at 700 tons, is up 8 percent from the 650 tons produced in 1997. The 1998 crop is valued at \$1.35 million compared to \$1.07 million a year ago.

PEACH production for the Empire State is placed at 10.0 million pounds, down 17 percent from the 1997 level. The value of the 1998 crop, at \$3.54 million, is down 33 percent from 1997.

Production of **PEARS** in New York is estimated at 11,500 tons, up 44 percent from the 1997 output of 8,000 tons. The 1998 crop is valued at \$3.75 million, up 22 percent from 1997. New York ranks fourth nationally in pear production.

STRAWBERRY production, at 6.1 million pounds, was down 9 percent from the 6.7 million pounds produced in 1997. The 1998 crop is valued at \$7.02 million compared with \$6.77 million a year ago. New York ranks eighth in strawberry production.

Cultivated **BLUEBERRY** production for 1998 was estimated at 1.7 million pounds. Utilized production totaled 1.6 million pounds with a total value of production of \$1.64 million. New York ranks ninth nationally in blueberry production.

Table 24. **FRUIT:** Production and Value of Major Fruits, 1989-1998 ^{1/}

Year	Utilized Production	Value
	<i>Tons</i>	<i>1,000 dollars</i>
1989	673,580	165,394
1990	675,700	192,849
1991	759,500	213,044
1992	793,460	176,006
1993	589,440	158,723
1994	777,620	191,833
1995	756,070	191,977
1996	732,200	210,319
1997	722,720	202,768
1998	630,350	169,399

^{1/} Includes apples, grapes, tart and sweet cherries, peaches, pears and strawberries. Beginning in 1992, also includes blueberries. Beginning in 1995, also includes red raspberries.

Table 25. **APPLES:** Bearing Acres, Production, and Value, 1989-1998

Crop Year	Acres of bearing age	Production		Value	
		Total	Utilized production	Marketing year average price <u>1/</u>	Value of utilized production
	<i>Thousands</i>	<i>Million pounds</i>		<i>Cents per lb.</i>	<i>1,000 dollars</i>
1989	58.0	960	960	10.40	99,960
1990	56.0	990	990	12.90	127,810
1991	55.0	1,050	1,050	12.70	132,930
1992	56.0	1,170	1,170	9.90	116,090
1993	56.0	870	870	11.60	101,090
1994	57.0	1,100	1,100	11.80	129,680
1995	57.5	1,110	1,110	12.10	134,490
1996	57.5	1,030	1,030	13.50	138,850
1997	55.0	1,120	1,120	12.60	141,320
1998	55.0	1,070	960	11.40	109,560

1/ Packinghouse door equivalent.Table 26. **APPLES:** Utilization and Price, 1989-1998

Crop Year	Fresh Use		Processed			
	Quantity	Marketing year average price <u>1/</u>	Total	Marketing year average price <u>1/</u>	Canned	Marketing year average price <u>1/</u>
	<i>Million lbs.</i>	<i>Cents per lb.</i>	<i>Million lbs.</i>	<i>\$ per ton</i>	<i>Million lbs.</i>	<i>\$ per ton</i>
1989	440	14.8	520	133	294	142
1990	520	17.8	470	150	256	160
1991	420	20.1	630	153	283	168
1992	520	14.2	650	129	310	146
1993	400	17.4	470	133	218	150
1994	490	18.0	610	135	283	148
1995	480	18.7	630	141	271	156
1996	500	17.7	530	190	300	212
1997	520	17.6	600	166	335	186
1998	420	15.8	540	160	292	192

Crop Year	Processed					
	Juice and Cider	Marketing year average price <u>1/</u>	Frozen	Marketing year average price <u>1/</u>	Other <u>2/</u>	Marketing year average price <u>1/</u>
	<i>Million lbs.</i>	<i>\$ per ton</i>	<i>Million lbs.</i>	<i>\$ per ton</i>	<i>Million lbs.</i>	<i>\$ per ton</i>
1989	124	90	70	164	32	156
1990	135	114	58	184	21	158
1991	270	134	54	162	23	170
1992	250	98	62	160	28	146
1993	155	92	63	164	34	152
1994	195	100	67	164	65	156
1995	280	122	59	168	20	180
1996	182	146	35	226	13	188
1997	160	106	88	202	17	144
1998	170	92	68	200	10	129

1/ Packinghouse door equivalent.2/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.

Table 27. **APPLES:** Total Production, by Variety, 1989-1998

Variety	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Cortland	70	65	80	80	60	80	80	75	80	75
Crispin (Mutsu)	20	15	20	15	10	20	25	30	40	45
Delicious	95	110	120	140	85	115	115	115	120	95
Empire	50	55	55	65	65	80	95	110	130	100
Golden Delicious	45	55	50	55	40	50	40	40	40	55
Gala <u>2/</u>										5
Gingergold <u>2/</u>										5
Idared	75	85	80	90	75	85	80	70	80	95
Jerseymac <u>1/</u>							10	10	10	5
Jonagold <u>1/</u>							15	20	25	20
Jonamac <u>1/</u>							15	15	20	20
Macoun <u>1/</u>							10	15	15	10
McIntosh	195	190	240	280	175	250	235	220	215	230
Northern Spy	17	15	20	20	25	20	15	10	15	10
Paula Red <u>1/</u>							15	10	15	15
R.I. Greening	135	95	125	135	110	115	105	90	75	75
Rome	110	155	130	145	110	150	155	120	155	135
Spartan <u>1/</u>							15	10	20	20
Twenty Ounce	50	45	40	40	40	40	35	25	25	25
Other	98	105	90	105	75	95	50	45	40	30
All Varieties	960	990	1,050	1,170	870	1,100	1,110	1,030	1,120	1,070
<i>Thousand bushels (42 pounds per bushel)</i>										
All Varieties	22,857	23,571	25,000	27,857	20,714	26,190	26,429	24,524	26,667	25,476

1/ Estimates began in 1995.2/ Estimates began in 1998.Table 28. **APPLES:** Receipts and Utilization at New York Processing Plants and Cider Mills, 1989-1998

Crop Year	Total received <u>1/</u>	Receipts from other states <u>2/</u>	Used for canning and applesauce	Used for juice and cider	Used for freezing	Other products <u>3/</u>	Cider and juice made <u>4/</u>
	<i>Million pounds</i>					<i>Thous. gal.</i>	
1989	445.6	32.1	232.5	121.0	60.4	31.5	10,965
1990	436.7	55.9	220.2	144.2	51.6	20.7	13,864
1991	645.7	86.0	274.2	294.5	53.4	23.6	26,298
1992	634.3	54.0	297.1	246.4	62.4	28.4	24,640
1993	489.1	56.7	214.2	184.6	69.2	21.2	15,510
1994	530.8	40.3	238.2	198.1	70.1	24.4	17,534
1995	624.7	68.1	258.8	281.1	64.2	20.6	23,170
1996	464.3	49.5	235.9	184.2	34.3	9.9	17,595
1997	505.6	54.0	257.0	152.9	84.4	11.3	20,150
1998	471.8	34.0	241.8	144.8	78.1	7.1	17,379

1/ Excludes New York grown apples processed in other states.2/ Included in preceding column.3/ Jelly, apple butter, mincemeat, fresh sliced apples for pies, dried apples, and vinegar.4/ Unconcentrated.

Table 29. **APPLES:** Processing Plants in Operation and Establishments
Making Specified Products, 1989-1998

Crop Year	Plants in operation	Plants Making		
		Juice and Cider	Canned apple products <u>1/</u>	Frozen apple products
1989	84	78	5	3
1990	73	67	5	4
1991	75	68	5	5
1992	77	71	5	4
1993	81	74	5	7
1994	62	53	5	5
1995	58	52	5	5
1996	66	60	6	3
1997	110	101	6	4
1998	101	95	6	4

1/ Includes canned apple slices, baby food, etc.

Table 30. **APPLES:** Holdings in Cold Storage, New York, End of Month, 1989-1998

Month	Total Holdings <u>1/</u>									
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	<i>1,000 bushels</i>									
September	2,954	3,569	4,962	2,677	2,286	3,163	3,731	3,319	3,715	4,425
October	6,397	8,572	8,722	9,115	8,321	8,380	8,139	7,891	8,874	8,427
November	6,740	7,874	7,921	9,199	7,420	8,347	7,861	8,135	9,279	7,620
December	5,976	6,539	6,910	8,170	6,463	7,321	7,019	7,021	8,429	6,696
January	4,838	5,550	5,435	7,140	5,365	5,959	5,789	5,641	7,302	6,160
February	3,753	4,021	4,051	5,737	4,214	4,773	4,338	4,759	6,056	4,653
March	2,724	2,737	2,689	3,859	2,938	3,108	3,176	3,449	4,752	3,344
April	1,757	1,450	1,480	2,662	2,010	1,887	1,915	1,941	3,182	1,932
May	798	625	605	1,468	1,116	840	1,037	1,016	2,150	1,000
June	303	240	161	535	421	286	415	440	1,286	523
July	158	106	61	252	<u>2/</u>	68	243	201	751	
August	52	117	66	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	433	
Month	Controlled Atmosphere Storage <u>1/</u>									
	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	<i>1,000 bushels</i>									
September	1,587	1,765	2,603	1,178	1,256	1,804	2,337	2,011	2,294	2,100
October	3,698	4,907	4,903	5,657	5,705	5,070	5,209	5,060	5,115	4,758
November	4,062	4,991	5,071	5,756	5,476	5,487	5,344	5,454	6,164	4,806
December	3,976	4,788	5,041	5,793	5,107	5,290	5,304	5,311	6,197	4,773
January	3,710	4,465	4,338	5,579	4,542	4,547	4,665	4,530	5,720	4,731
February	3,121	3,408	3,464	4,784	3,765	3,808	3,620	3,989	4,923	3,888
March	2,504	2,404	2,370	3,468	2,720	2,606	2,780	2,976	3,990	2,968
April	1,686	1,327	1,301	2,508	1,889	1,680	1,765	1,759	2,730	1,762

1/ Crop harvested in year indicated.

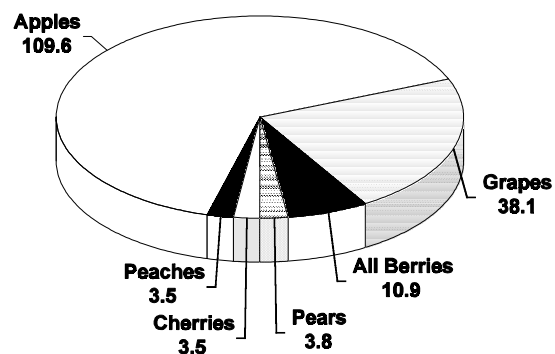
2/ Not published to avoid disclosure of individual operations.

Table 31. **TART CHERRIES:** Bearing Acres, Production, Utilization, and Value, 1989-1998

Crop year	Acres of bearing age	Production				Fresh Use		Processed	
		Total	Utilized ^{1/}	Marketing year average price	Value of utilized production	Quantity	Marketing year average price	Total	Marketing year average price
	<i>Thous.</i>	<i>Million lbs.</i>		<i>Cents per lb.</i>	<i>1,000 dol.</i>	<i>Mil. lbs.</i>	<i>Cents per lb.</i>	<i>Mil. lbs.</i>	<i>Cents per lb.</i>
1989	5.0	31.0	22.5	15.1	3,396	0.5	50.0	22.0	14.3
1990	4.7	16.5	13.3	20.8	2,765	0.3	55.0	13.0	20.0
1991	4.0	25.5	25.5	45.0	11,480	0.2	60.0	25.3	44.9
1992	4.0	31.0	22.1	18.2	4,015	0.1	55.0	22.0	18.0
1993	4.0	15.7	15.2	10.3	1,570	0.1	60.0	15.1	10.0
1994	4.0	26.0	23.7	12.4	2,934	0.1	55.0	23.6	12.2
1995	4.0	32.0	20.0	5.6	1,116	0.2	63.0	19.8	5.0
1996	3.5	19.0	14.2	14.4	2,042	0.2	76.0	14.0	13.5
1997	2.6	14.5	13.2	17.3	2,286	0.2	103.0	13.0	16.0
1998	2.6	14.0	12.2	18.0	2,200	0.2	98.0	12.0	16.7

^{1/} Excludes mature fruit not harvested.Table 32. **SWEET CHERRIES:** Bearing Acres, Production, and Value, 1989-1998

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<i>Thous.</i>	<i>Tons</i>		<i>\$ per ton</i>	<i>1,000 dol.</i>
1989	0.65	1,350	1,180	783	924
1990	0.6	1,000	700	743	520
1991	0.5	1,250	1,200	901	1,081
1992	0.5	1,100	510	976	498
1993	0.45	700	700	850	595
1994	0.45	900	820	850	697
1995	0.45	1,100	1,000	960	960
1996	0.50	700	600	1,420	854
1997	0.75	650	620	1,720	1,069
1998	0.75	700	650	2,070	1,346

^{1/} Excludes mature fruit not harvested.Figure 2.
**RELATIVE VALUE OF NEW YORK
FRUIT CROPS, 1998**
(Million Dollars)Table 33. **PEACHES:** Bearing Acres, Production, and Value, 1989-1998

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<i>Thous.</i>	<i>Million pounds</i>		<i>¢ per lb.</i>	<i>1,000 dol.</i>
1989	2.1	12.5	12.3	29.4	3,622
1990	2.1	14.0	13.7	27.6	3,781
1991	1.9	15.0	13.5	27.4	3,702
1992	1.9	14.0	13.7	26.2	3,595
1993	1.6	9.0	9.0	29.6	2,660
1994	1.6	7.0	7.0	25.1	1,757
1995	1.6	11.5	11.0	20.7	2,280
1996	1.6	12.0	11.5	34.8	4,003
1997	1.6	12.0	11.5	46.1	5,296
1998	1.6	10.0	8.5	41.6	3,538

^{1/} Excludes mature fruit not harvested.Table 34. **PEARS:** Bearing Acres, Production, and Value, 1989-1998

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<i>Thous.</i>	<i>Tons</i>		<i>\$ per ton</i>	<i>1,000 dol.</i>
1989	2.8	16,500	16,300	223	3,631
1990	2.3	14,600	14,600	253	3,687
1991	2.3	14,500	14,500	275	3,981
1992	2.4	16,500	15,500	305	4,734
1993	2.4	15,000	14,500	261	3,781
1994	2.4	16,000	16,000	303	4,848
1995	2.5	14,500	14,500	372	5,392
1996	2.4	15,000	15,000	383	5,748
1997	2.0	8,000	8,000	384	3,070
1998	2.0	11,500	10,000	375	3,754

^{1/} Excludes mature fruit not harvested.

Table 35. **GRAPES:** Bearing Acres, Production, Utilization, and Value, 1989-1998

Crop Year	Acres of bearing age	Production				Fresh Use	
		Total all varieties	Utilized all varieties <u>1/</u>	Marketing year average price	Value of utilized production	Quantity	Marketing year average price
	<u>Thous.</u>	<u>Tons</u>	<u>Tons</u>	<u>\$ per ton</u>	<u>1,000 dollars</u>	<u>Tons</u>	<u>\$ per ton</u>
1989	35.5	152,000	152,000	277	42,136	4,000	470
1990	33.0	144,000	144,000	286	41,172	3,000	470
1991	32.5	192,000	192,000	254	48,789	3,000	450
1992	33.0	180,000	170,000	221	37,584	2,000	480
1993	32.5	118,000	118,000	222	26,165	3,000	480
1994	33.0	190,000	187,000	213	39,761	4,000	470
1995	33.0	165,000	163,000	228	37,218	4,000	480
1996	33.0	189,000	184,000	257	47,220	4,000	600
1997	31.5	139,000	137,000	284	38,952	3,000	790
1998	31.5	128,000	125,000	305	38,146	2,000	500
Crop Year	Processed						
	Quantity	Marketing year average price	Wine	Marketing year average price	Sweet Juice and Other	Marketing year average price	
	<u>Tons</u>	<u>\$ per ton</u>	<u>Tons</u>	<u>\$ per ton</u>	<u>Tons</u>	<u>\$ per ton</u>	
1989	148,000	272	56,700	270	91,300	273	
1990	141,000	282	54,700	263	86,300	294	
1991	189,000	251	71,000	254	118,000	249	
1992	168,000	218	58,000	244	110,000	205	
1993	115,000	215	41,000	236	74,000	203	
1994	183,000	207	82,000	217	101,000	198	
1995	159,000	222	51,000	259	108,000	205	
1996	180,000	249	58,000	282	122,000	234	
1997	134,000	273	44,000	328	90,000	246	
1998	123,000	302	36,000	392	87,000	265	

Table 36. **GRAPES:** Total Grapes Processed in New York Plants, 1989-1998 1/

Crop Year	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
	<u>Tons</u>				
1989	123,769	13,675	69,154	68,290	137,444
1990	116,524	14,754	62,026	69,252	131,278
1991	148,320	14,871	79,611	83,580	163,191
1992	138,038	17,615	67,393	88,260	155,653
1993	83,205	9,944	43,799	49,350	93,149
1994	141,483	17,546	89,238	69,791	159,029
1995	126,469	15,925	56,217	86,177	142,394
1996	143,441	21,047	65,372	99,116	164,488
1997	110,098	17,973	46,532	81,539	128,071
1998	103,915	19,452	43,190	80,177	123,367

1/ Excludes New York grown grapes processed in other states.

Table 37. **GRAPES:** New York Grown Grapes Processed, by Variety, 1989-1998 1/

Variety	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
American Varieties:										
Catawba	7,887	9,855	13,252	10,124	6,636	10,116	8,700	7,900	7,335	6,090
Concord	100,150	97,551	134,357	123,919	82,914	136,000	111,000	139,000	96,600	89,400
Delaware	3,237	2,741	4,051	1,937	2,407	2,316	2,350	1,650	1,010	550
Ives <u>3/</u>									130	115
Elvira	4,227	3,662	4,501	3,606	3,533	4,826	4,600	5,100	4,110	3,080
Niagara	11,962	9,188	9,934	9,676	9,623	15,300	15,600	10,700	12,800	10,000
French Hybrids:										
Aurora	8,538	6,754	7,963	7,204	3,121	6,282	5,250	4,900	3,295	4,080
Baco Noir	1,202	1,141	1,695	1,449	824	923	1,300	1,200	670	890
Cayuga White	1,311	895	1,107	1,143	313	523	740	1,000	630	840
DeChaunac	2,484	2,010	2,611	1,385	1,363	1,126	1,450	910	575	710
Rougeon	586	783	1,046	587	414	735	800	720	585	420
Seyval Blanc	1,185	1,311	1,361	1,215	575	678	900	900	600	650
Vitis Vinifera, All	1,946	2,064	2,919	2,422	1,115	1,134	3,435	3,700	3,650	4,015
Other	2,714	2,584	3,653	2,969	1,939	2,743	2,625	2,200	2,010	2,160
TOTAL	148,000	141,000	189,000	168,000	115,000	183,000	159,000	180,000	134,000	123,000

1/ Includes New York grown grapes received at out-of-state plants.2/ Includes other American and French Hybrid varieties not shown.3/ Estimates began in 1997.Table 38. **GRAPES:** New York Grown Grapes Processed, by Area of Production, 1989-1998 1/

Crop Year	Chautauqua-Erie <u>2/</u>	Niagara County	Finger Lakes <u>3/</u>	Other <u>4/</u>	State Total
	<i>Tons</i>				
1989	90,218	4,147	50,844	2,791	148,000
1990	83,850	5,758	49,947	1,445	141,000
1991	121,884	5,753	59,465	1,898	189,000
1992	109,920	4,705	49,895	3,480	168,000
1993	73,021	5,275	34,496	2,208	115,000
1994	124,033	4,908	50,588	3,471	183,000
1995	98,346	7,398	50,299	2,957	159,000
1996	122,228	5,879	45,676	6,217	180,000
1997	89,383	3,986	37,572	3,059	134,000
1998	84,507	2,889	33,026	2,578	123,000

1/ Includes New York grown grapes received at out-of-state plants.2/ Includes Cattaraugus County.3/ Includes Ontario, Seneca, Schuyler, Steuben and Yates Counties.4/ Includes Hudson Valley, Long Island and other areas not listed.

Table 39. **BERRIES:** Bearing Acres, Yield, Production, and Value, 1989-1998

Crop Year	Acres of bearing age	Harvested	Production		Marketing year average price	Value of utilized production
			Total	Utilized		
	<u>Acres</u>	<u>Acres</u>	<u>1,000 pounds</u>		<u>\$ per cwt.</u>	<u>1,000 dol.</u>
<u>STRAWBERRIES</u>						
1989	2,500	2,400	13,400		87.50	11,725
1990	2,800	2,500	15,800		83.00	13,114
1991	3,000	2,600	14,600		75.90	11,081
1992	2,900	2,600	7,800		107.00	8,346
1993	2,800	2,600	15,600		136.00	21,216
1994	2,500	2,400	9,600		112.00	10,752
1995	2,400	2,200	7,700		107.00	8,239
1996	2,000	1,900	7,400		120.00	8,880
1997	1,700	1,600	6,700		101.00	6,767
1998	1,700	1,600	6,100		115.00	7,015
<u>BLUEBERRIES</u>					<u>\$ per lb.</u>	
1992	700	650	1,500	1,300	.88	1,144
1993	600	560	1,680	1,680	.98	1,646
1994	660	660	1,400	1,300	1.08	1,404
1995	600	600	1,200	1,100	1.00	1,104
1996	650	650	1,300	1,200	1.02	1,229
1997	700	700	1,600	1,500	1.07	1,602
1998	700	700	1,700	1,600	1.03	1,640
<u>RED RASPBERRIES</u>						
1995	450	450	980	840	1.40	1,178
1996	450	450	1,000	900	1.66	1,493
1997	450	450	1,400	1,300	1.85	2,406
1998	450	450	1,200	1,000	2.20	2,200

Table 40. **FRUIT:** Yield Per Acre of Bearing Age, 1989-1998 1/

Fruit	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	<u>Pounds</u>									
Apples	16,600	17,700	19,100	20,900	15,500	19,300	19,300	17,900	20,400	19,500
Sweet Cherries	4,160	3,340	5,000	4,400	3,120	4,000	4,880	2,800	1,730	1,870
Tart Cherries	6,200	3,510	6,380	7,750	3,930	6,500	8,000	5,430	5,580	5,380
Peaches	5,950	6,670	7,890	7,370	5,630	4,380	7,190	7,500	7,500	6,250
Pears	11,780	12,680	12,600	13,760	12,500	13,340	11,600	12,500	8,000	11,500
Grapes	8,560	8,720	11,820	10,900	7,260	11,520	10,000	11,450	8,830	8,130
Blueberries 2/				2,000	3,000	1,970	1,830	1,850	2,140	2,290
Strawberries	5,360	5,640	4,870	3,000	6,000	4,000	3,500	3,890	4,200	3,810
Red Raspberries 3/							2,180	2,220	3,110	2,670

1/ Includes unharvested production and fruit harvested but not sold due to marketing conditions.

2/ Estimates began 1992. Yield based on utilized production.

3/ Estimates began 1995.

FLORICULTURE

New York floriculture production ranked sixth in the Nation for total commercial sales. Value of sales for all plant categories except foliage for indoor or patio use and flowering hanging baskets increased from a year earlier.

Bedding and garden plants again had the highest value of sales, at \$75.7 million. This is an increase of \$8.38 million from 1997. Potted flowering plants was second with a value of sales of \$40.5 million, an increase of \$3.43 million. Third was flowering hanging baskets at \$9.15 million, a decrease of \$489,000. Fourth was cut flowers at \$6.46 million, an increase of \$337,000.

Next was foliage for indoor or patio use which decreased \$426,000 to \$1.49 million.

The number of commercial growers increased for the third consecutive year. During 1998 there were 965 operations. The area used to produce floriculture crops in the state also continued a steady climb. Greenhouse space increased 2.29 million square feet from 1997 to total 24.9 million square feet in 1998. This increase pushed the total covered area (*greenhouse plus shade and temporary structures*) to 25.4 million square feet, 10 percent more than existed during 1997.

Table 41. **FLORICULTURE:** Growers and Growing Area, 1994-1998 ^{1/}

	1994	1995	1996	1997	1998
Commercial Growers (Number)	576	548	569	897	965
Growing Area: Open Ground (Acres)	383	351	410	779	1,628
Cover: Total Greenhouse (1,000 sq. ft.)	19,920	18,187	19,301	22,635	24,921
Shade & Temporary (1,000 sq. ft.)	307	434	511	394	462
Total Covered Area (1,000 sq. ft.)	20,227	18,621	19,812	23,029	25,383

^{1/} Includes growers with sales of \$10,000 or more.

Table 42. **FLORICULTURE:** Value of Sales by Plant Category, 1994-1998 ^{1/}

Plant Category	1998 Rank	1994	1995	1996	1997	1998
		<u>1,000 Dollars</u>				
Cut Flowers	8	8,023	7,615	6,837	6,125	6,462
Potted Flowering Plants	3	33,190	31,944	24,234	37,106	40,537
Total Foliage for Indoor or Patio Use	21	2,451	2,165	1,636	1,919	1,493
Bedding/Garden Plants	6	57,999	61,339	52,578	67,321	75,704
Flowering Hanging Baskets	-	8,094	7,172	7,716	9,641	9,152
Total of Reported Crops ^{2/}	6	109,757	110,232	93,008	122,114	133,358
Grower Sales \$10,000-\$99,999 (Unspecified crops)		15,480	15,960	15,615	25,380	26,100
TOTAL COMMERCIAL SALES	6	125,237	126,192	108,623	147,494	159,458

^{1/} Equivalent wholesale value of all crops except potted foliage plants. Potted foliage is net value of sales. Detailed data by plant category and the total of reported crops is for growers with sales of \$100,000 or more. The aggregate sales of unspecified crops by growers with sales of \$10,000 to \$99,999 are shown separately.

^{2/} Includes cut cultivated greens.

Table 43. **FLORICULTURE:** Production, Sales, and Value,
by Type of Plant, 1994-1998

Year	Producers reporting	Area in production	Quantity sold (Thousands)	Value of sales <u>1</u> /
	<i>Number</i>	<i>1,000 Sq. ft.</i>	<i>Blooms</i>	<i>1,000 Dollars</i>
<u>CUT FLOWERS</u>				
<u>Chrysanthemums - Standard</u>				
1994	11	74	376	267
1995	9	57	350	218
1996	10	49	343	224
1997	<u>2</u> /	<u>2</u> /	<u>2</u> /	<u>2</u> /
1998	<u>2</u> /	<u>2</u> /	<u>2</u> /	<u>2</u> /
<u>Chrysanthemums - Pompon</u>				
			<i>Bunches</i>	
1994	13	39	39	129
1995	9	26	23	87
1996	7	18	18	144
1997	9	15	18	144
1998	4	14	9	27
<u>Gladioli</u>				
		<i>Acres</i>	<i>Spikes</i>	
1994	9	5	98	39
1995	8	3	83	33
1996	7	4	89	36
1997	8	6	106	42
1998	4	5	61	27
<u>Roses, Hybrid Tea</u>				
		<i>1,000 Sq. ft.</i>	<i>Blooms</i>	
1994	9	416	7,608	5,127
1995	7	372	7,069	4,810
1996	6	375	6,339	4,101
1997	6	438	5,808	3,618
1998	5	393	4,547	2,974
<u>Roses, Sweetheart</u>				
1994	6	70	1,433	580
1995	4	32	861	328
1996	<u>2</u> /	<u>2</u> /	<u>2</u> /	<u>2</u> /
1997	<u>2</u> /	<u>2</u> /	<u>2</u> /	<u>2</u> /
1998	<u>2</u> /	<u>2</u> /	<u>2</u> /	<u>2</u> /
<u>Other Cut Flowers</u>				
1994	30	402	N/A	1,847
1995	30	462	N/A	2,069
1996	30	724	N/A	1,952
1997	28	2,102	N/A	1,858
1998	25	3,976	N/A	3,163

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,
by Type of Plant, 1994-1998 (*Continued*)

Year	Producers reporting	Area in production	Quantity sold (Thousands)	Value of sales <u>1</u> /
	<u>Number</u>	<u>1,000 Sq. ft.</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>POTTED FLOWERING PLANTS</u>				
<u>African Violets</u>				
1994	17	263	1,438	1,514
1995	16	301	1,301	1,537
1996	<u>2</u> /	<u>2</u> /	<u>2</u> /	<u>2</u> /
1997	16	N/A	1,276	1,289
1998	16	N/A	1,219	1,195
<u>Chrysanthemums</u> (<i>Excluding Hardy/Garden Mums</i>)				
1994	62	1,799	1,400	2,807
1995	64	1,720	1,398	2,793
1996	61	598	1,078	2,583
1997	53	N/A	966	2,003
1998	49	N/A	1,057	2,547
<u>Finished Florist Azaleas</u>				
1994	40	2,131	4,287	10,473
1995	37	2,102	4,233	10,232
1996	42	844	1,807	3,867
1997	47	N/A	3,923	8,142
1998	33	N/A	3,828	7,693
<u>Easter Lilies</u>				
1994	83	468	564	1,997
1995	70	428	547	1,975
1996	71	405	662	2,191
1997	79	N/A	3,383	10,333
1998	61	N/A	3,302	10,133
<u>Other Lilies</u>				
1994	39	122	121	469
1995	29	244	184	981
1996	<u>3</u> /	<u>3</u> /	<u>3</u> /	<u>3</u> /
1997	<u>3</u> /	N/A	<u>3</u> /	<u>3</u> /
1998	<u>3</u> /	N/A	<u>3</u> /	<u>3</u> /
<u>Poinsettias</u>				
1994	134	3,920	3,147	9,422
1995	119	3,188	2,627	8,006
1996	120	3,529	2,901	8,037
1997	135	N/A	3,131	8,584
1998	123	N/A	3,075	8,545

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,
by Type of Plant, 1994-1998 (Continued)

Year	Producers reporting	Area in production	Quantity sold (Thousands)	Value of sales <u>1/</u>
	<u>Number</u>	<u>1,000 Sq. ft.</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>POTTED FLOWERING PLANTS</u>				
<i>(Continued)</i>				
<u>Cyclamen</u>				
1994	29	369	502	1,325
1995	30	336	441	1,219
1996	35	295	404	1,014
1997	37	N/A	400	1,047
1998	36	N/A	517	1,328
<u>Kalanchoe</u>				
1994	11	105	409	546
1995	9	37	63	118
1996	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
1997	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
1998	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
<u>Other Potted Flowering Plants 4/</u>				
<i>(Excluding blooming annuals)</i>				
1994	77	855	1,443	4,637
1995	67	645	1,467	5,083
1996	72	825	1,392	4,085
1997	87	N/A	1,261	3,235
1998	99	N/A	2,944	6,023
<u>BEDDING/GARDEN PLANTS</u>				
<u>Geraniums, Flats</u>			<u>Flats</u>	
1994	53	422	223	2,000
1995	46	300	153	1,547
1996	48	584	317	2,387
1997	60	N/A	248	2,225
1998	40	N/A	256	2,363
<u>Impatiens, Flats</u>				
1994	134	2,269	1,200	8,388
1995	139	2,316	1,261	10,277
1996	151	2,794	1,282	9,153
1997	198	N/A	1,659	11,547
1998	180	N/A	1,330	7,209
<u>New Guinea Impatiens, Flats</u>				
1994	32	94	48	444
1995	27	286	156	1,548
1996	36	257	130	1,105
1997	43	N/A	67	604
1998	17	N/A	106	1,357
<u>Petunias, Flats</u>				
1994	126	938	486	3,387
1995	133	792	421	3,511
1996	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
1997	196	N/A	457	2,875
1998	185	N/A	481	2,799

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,
by Type of Plant, 1994-1998 (*Continued*)

Year	Producers reporting	Area in production	Quantity sold (Thousands)	Value of sales <u>1</u> /
	<i>Number</i>	<i>1,000 Sq. ft.</i>	<i>Flats</i>	<i>1,000 Dollars</i>
<u>BEDDING/GARDEN PLANTS</u>				
<i>(Continued)</i>				
<u>Other Flowering and Foliar Type, Flats</u>				
1994	180	4,417	2,323	16,656
1995	166	4,195	2,281	17,906
1996	172	3,177	1,689	12,195
1997	211	N/A	2,394	14,244
1998	211	N/A	2,599	15,906
<u>Vegetable Type, Flats</u>				
1994	163	1,012	536	4,041
1995	145	943	518	4,134
1996	155	935	485	3,638
1997	179	N/A	634	4,603
1998	120	N/A	936	4,839
<u>Hardy/Garden Chrysanthemums, Potted</u>			<i>Pots</i>	
1994	132	2,675	2,297	3,978
1995	120	2,370	2,255	3,861
1996	128	4,219	2,851	4,456
1997	158	N/A	3,606	5,471
1998	137	N/A	2,416	6,255
<u>Geraniums, Potted - Cuttings</u>				
1994	167	1,849	5,033	6,089
1995	152	2,234	7,427	7,321
1996	159	1,961	4,934	5,974
1997	202	N/A	5,194	7,488
1998	194	N/A	5,209	8,333
<u>Geraniums, Potted - Seed</u>				
1994	49	1,073	3,942	3,549
1995	43	899	3,494	2,851
1996	45	630	3,120	2,958
1997	47	N/A	3,747	2,885
1998	46	N/A	3,162	2,624
<u>Impatiens, Potted</u>				
1994	48	155	364	356
1995	42	194	462	440
1996	44	126	365	356
1997	63	N/A	580	634
1998	53	N/A	493	553

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,
by Type of Plant, 1994-1998 (*Continued*)

Year	Producers reporting	Area in production	Quantity sold (Thousands)	Value of sales <u>1</u> /
	<u>Number</u>	<u>1,000 Sq. ft.</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>BEDDING/GARDEN PLANTS</u>				
<i>(Continued)</i>				
<u>New Guinea Impatiens, Potted</u>				
1994	92	367	898	1,257
1995	102	353	896	1,292
1996	112	429	1,067	1,478
1997	162	N/A	1,424	2,242
1998	165	N/A	1,474	2,350
<u>Petunias, Potted</u>				
1994	22	55	88	106
1995	25	54	84	104
1996	31	95	117	140
1997	37	N/A	155	283
1998	46	N/A	178	249
<u>Other Flowering & Foliar Type, Potted</u>				
1994	124	2,622	5,206	7,022
1995	109	1,468	3,660	5,365
1996	105	1,371	3,027	4,564
1997	178	N/A	7,762	11,130
1998	199	N/A	11,470	19,866
<u>Vegetable Type, Potted</u>				
1994	60	177	779	726
1995	64	332	1,083	1,182
1996	62	251	1,129	1,295
1997	81	N/A	1,070	1,090
1998	49	N/A	848	1,001
<u>Flowering Hanging Baskets</u>			<u>Baskets</u>	
1994	185	N/A	656	4,015
1995	159	N/A	472	3,177
1996	172	N/A	463	3,185
1997	202	N/A	713	4,064
1998	172	N/A	689	4,299
<u>Geranium Hanging Baskets</u>				
1994	135	N/A	185	1,273
1995	136	N/A	146	1,069
1996	151	N/A	227	1,596
1997	190	N/A	252	1,787
1998	141	N/A	233	1,773
<u>Impatiens Hanging Baskets</u>				
1994	130	N/A	178	913
1995	129	N/A	176	954
1996	146	N/A	196	1,201
1997	169	N/A	185	1,049
1998	123	N/A	135	855

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,
by Type of Plant, 1994-1998 (Continued)

Year	Producers reporting	Area in production	Quantity sold (Thousands)	Value of sales ^{1/}
	<i>Number</i>	<i>1,000 Sq. ft.</i>	<i>Baskets</i>	<i>1,000 Dollars</i>
<u>BEDDING/GARDEN PLANTS</u>				
<i>(Continued)</i>				
<u>New Guinea Impatiens Hanging Baskets</u>				
1994	104	N/A	300	1,698
1995	112	N/A	303	1,739
1996	116	N/A	219	1,448
1997	148	N/A	382	2,200
1998	129	N/A	247	1,766
<u>Petunia Hanging Baskets</u>				
1994	77	N/A	37	195
1995	86	N/A	48	233
1996	105	N/A	48	286
1997	164	N/A	88	541
1998	134	N/A	79	459
<u>FOLIAGE PLANTS FOR INDOOR OR PATIO USE</u>				
<u>Foliage Hanging Baskets</u>				
1994	63	N/A	241	1,125
1995	50	N/A	180	923
1996	51	N/A	205	894
1997	51	N/A	126	554
1998	28	N/A	150	617
<u>Potted Foliage</u>				
			<i>Pots</i>	
1994	46	173	N/A	1,326
1995	41	140	N/A	1,242
1996	44	183	N/A	742
1997	42	196	N/A	1,365
1998	34	260	N/A	876

N/A - Not available.

^{1/} Equivalent wholesale value of all crops except potted foliage plants.

For potted foliage, value is based on net value of sales.

^{2/} Not published to avoid disclosing individual operations.^{3/} Included in "Other Potted Flowering Plants."^{4/} Includes "Other Lillies" beginning in 1996.

MAPLE

New York's 1999 maple syrup production is estimated at 195,000 gallons, down 16 percent from last year's production of 231,000 gallons. The number of taps made, at 1.19 million, was up three percent from the previous year level of 1.16 million. Erratic sap runs throughout the state decreased yields to .164 gallons of syrup per tap, down 18 percent from the .199 yield per tap in 1998. The value of this year's syrup crop was placed at \$5.01 million, down 19 percent from the 1998 crop value of \$6.20 million. New York ranks second in maple syrup production behind Vermont.

New York's 1999 maple season was hampered by uncooperative weather. Temperatures were favorable in

February, but as March came, temperatures dropped. A lack of moisture and strong north winds reduced sap flow. Lack of snow in most areas aided cleanup of sugar bushes damaged by last year's ice storm.

The 1999 sugaring season averaged 34 days long, three days longer than both the previous year and the ten-year average. Statewide, the average dates of the season were February 27 to April 2. Despite the long season, many producers commented it was either too warm or too cold for optimal flow. Sap was of average sweetness, requiring an average of 43 gallons of sap to make one gallon of syrup. Syrup quality was good - mostly medium to light in color.

Table 44. **MAPLE SYRUP:** Production and Value, 1989-1999

Crop Year	Syrup made	Average date		Gallons of sap per gallon of syup	Average price per gallon	Value of production
		First run made	Last run made			
	<u>1,000 gals.</u>			<u>Gallons</u>	<u>Dollars</u>	<u>1,000 dollars</u>
1989	325	Mar. 15	Apr. 10	39	23.90	7,768
1990	249	Feb. 25	Mar. 29	48	23.70	5,901
1991	308	Feb. 27	Apr. 2	48	23.30	7,176
1992	400	Mar. 5	Apr. 12	41	23.40	9,360
1993	180	Mar. 20	Apr. 9	40	18.70	3,366
1994	251	Mar. 16	Apr. 11	41	24.50	6,150
1995	208	Mar. 4	Apr. 1	47	23.50	4,888
1996	343	Mar. 5	Apr. 10	40	25.50	8,747
1997	269	Mar. 4	Apr. 7	48	25.10	6,752
1998	231	Feb. 25	Mar. 28	41	26.85	6,202
1999 <u>1/</u>	195	Feb. 27	Apr. 2	43	25.70	5,012

1/ Average price per gallon and value of production are preliminary.

DAIRY

Total milk production in New York during 1998, at a record high 11.7 billion pounds, was up 2 percent from 1997. The annual average number of milk cows, at 701,000 head, was fractionally above the average number of head for the previous year. Annual output per cow averaged 16,748 pounds, up 2 percent from 16,495 pounds a year earlier.

Cash receipts for the sale of milk during 1998 totaled \$1.79 billion, up 17 percent from the previous year. The \$15.40 per hundredweight received for all milk sold wholesale by New York farmers was up \$2.00, or 15 percent, from the \$13.40 received in 1997. Marketings include whole milk and producer-separated cream sold to plants and dealers as well as milk sold directly to consumers.

New York dairymen used 147 million pounds of milk on their farms during 1998, compared with 155 million pounds during 1997. About 88 percent of the milk used on farms was fed back to calves. The value of all milk produced, including milk fed back to calves, totaled \$1.81 billion, up 17 percent from 1997.

Total cheese production in New York, excluding cottage cheese, totaled a record high 631 million pounds in 1998. This total is up 2 percent from the previous record high set a year earlier.

Italian cheese, which accounted for 56 percent of New York's total cheese output, increased 4 percent in 1998 to 356 million pounds. Compared with 1997, the State's production of mozzarella was up 3 percent. Butter production fell 13

percent to 21 million pounds, while American-type cheese output was down 3 percent to 91 million pounds. Combined production of cream cheese and neufchatel cheese, up 1 percent to 165 million pounds, reached a new record high. Lowfat cottage cheese production rose 5 percent from 1997, while cottage cheese curd was up 4 percent and creamed cottage cheese was fractionally higher. New York continues to lead the nation in the combined production of cream cheese and neufchatel cheese, and in all three cottage cheese categories. Statewide yogurt production totaled 233 million pounds, an increase of 15 percent from the previous year.

New York production of standard ice cream was up 2 percent from the 1997 total, while lowfat ice cream (*formerly ice milk*) declined 16 percent. Production of milk sherbet rose 5 percent in 1998, while water ices production increased 16 percent.

Nationally, total cheese output for 1998 was 7.50 billion pounds, excluding cottage cheese. This total was up 2 percent from a year earlier. Wisconsin remained the leading state with 28 percent of the total, followed by California (*17 percent*), New York (*8 percent*), and Minnesota (*8 percent*). Production of Italian varieties rose 4 percent from 1997. American-type cheese production, 44 percent of all cheese, increased 1 percent. Butter output decreased 6 percent, while standard ice cream production was up 3 percent and lowfat ice cream was up 6 percent.

Table 45. MILK COW OPERATIONS:
By Herd Size, 1989-1998

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199 ^{1/}	200 plus	
	<i>Number of operations</i>					
1989	2,700	3,400	5,400	2,000		13,500
1990	2,650	3,150	5,300	1,900		13,000
1991	2,500	2,900	5,000	1,800		12,200
1992	2,600	2,600	4,400	1,900		11,500
1993	2,400	2,500	4,200	1,500	400	11,000
1994	2,400	2,200	4,200	1,500	400	10,700
1995	2,100	2,200	4,000	1,300	400	10,000
1996	1,800	2,000	3,700	1,300	400	9,200
1997	1,700	1,900	3,600	1,300	500	9,000
1998	1,600	1,800	3,500	1,300	500	8,700

^{1/} 100 plus category prior to 1993.

Table 46. MILK COWS JANUARY 1:
Inventory by Herd Size, 1990-1999

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199 ^{1/}	200 plus	
	<i>1,000 head</i>					
1990	29	121	321	289		760
1991	27	116	319	288		750
1992	24	111	314	291		740
1993	22	102	285	190	131	730
1994	22	87	297	189	130	725
1995	21	92	277	178	142	710
1996	19	79	259	189	154	700
1997	18	73	245	189	175	700
1998	18	73	245	189	175	700
1999	18	73	245	190	176	702

^{1/} 100 plus category prior to January 1, 1993.

Table 47. **MILK:** Cows and Production, by Months, 1989 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK COWS ON FARMS (Thousands)												
1989	780	778	775	774	765	768	768	779	777	777	781	790
1990	782	774	769	766	761	758	755	765	771	767	776	775
1991	768	768	765	755	751	749	746	753	755	755	756	755
1992	739	739	741	738	736	735	733	732	734	732	731	729
1993	730	730	731	729	727	725	724	725	726	727	726	725
1994	724	722	725	724	722	718	715	716	715	713	712	711
1995	708	707	707	705	704	702	700	700	702	702	702	702
1996	700	700	700	700	703	704	703	703	703	703	700	700
1997	700	700	700	698	698	698	698	698	697	699	699	700
1998	700	698	697	700	701	701	700	701	702	702	702	702
1999	702	702	700	700								
MILK PRODUCTION PER COW (Pounds)												
1989	1,245	1,145	1,300	1,275	1,315	1,220	1,180	1,135	1,105	1,130	1,085	1,135
1990	1,185	1,105	1,260	1,240	1,300	1,260	1,240	1,190	1,150	1,165	1,120	1,195
1991	1,230	1,120	1,270	1,270	1,330	1,260	1,240	1,220	1,180	1,210	1,180	1,270
1992	1,330	1,250	1,365	1,335	1,400	1,355	1,345	1,310	1,260	1,275	1,210	1,290
1993	1,320	1,195	1,345	1,340	1,415	1,375	1,350	1,310	1,260	1,270	1,225	1,295
1994	1,315	1,195	1,370	1,360	1,425	1,375	1,350	1,325	1,280	1,305	1,250	1,325
1995	1,360	1,250	1,420	1,390	1,460	1,420	1,410	1,390	1,345	1,365	1,310	1,370
1996	1,400	1,340	1,460	1,420	1,445	1,385	1,380	1,355	1,290	1,320	1,270	1,340
1997	1,370	1,260	1,420	1,400	1,465	1,435	1,425	1,400	1,330	1,345	1,290	1,360
1998	1,380	1,280	1,440	1,420	1,490	1,430	1,450	1,420	1,350	1,380	1,320	1,400
1999	1,440	1,320	1,490	1,450								
TOTAL MILK PRODUCTION (Million pounds)												
1989	971	891	1,008	987	1,006	937	906	884	859	878	847	897
1990	927	855	969	950	989	955	936	910	887	894	869	926
1991	945	860	972	959	999	944	925	919	891	914	892	959
1992	983	924	1,011	985	1,030	996	986	959	925	933	885	940
1993	964	872	983	977	1,029	997	977	950	915	923	889	939
1994	952	863	993	985	1,029	987	965	949	915	930	890	942
1995	963	884	1,004	980	1,028	997	987	973	944	958	920	962
1996	980	938	1,022	994	1,016	975	970	953	907	928	889	938
1997	959	882	994	977	1,023	1,002	995	977	927	940	902	952
1998	966	893	1,004	994	1,044	1,002	1,015	995	948	969	927	983
1999	1,011	927	1,043	1,015								

Table 48. **MILK:** Production, Disposition, and Income 1989-1998

Year	Milk cows 1/	Milk per cow	Total milk production	Disposition of Milk Produced				Prices received 2/	Gross income 3/	Value of milk produced 4/
				Fed to calves	Consumed as fluid milk, cream and butter	Sold wholesale	Retailed by producers			
	<u>No. Thou.</u>	<u>Lbs.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Dollars</u>	<u>Mil. dol.</u>	<u>Mil. dol.</u>
1989	769	14,397	11,071	156	59	10,825	31	14.20	1,554.2	1,576.4
1990	755	14,658	11,067	145	60	10,832	30	14.60	1,599.3	1,620.6
1991	745	15,005	11,179	143	56	10,951	29	12.70	1,406.3	1,424.5
1992	735	15,724	11,557	142	52	11,333	30	13.40	1,534.3	1,553.3
1993	727	15,702	11,415	143	48	11,196	28	13.00	1,469.8	1,488.5
1994	718	15,877	11,400	137	46	11,193	24	13.30	1,501.8	1,520.1
1995	703	16,501	11,600	135	40	11,410	15	13.00	1,492.9	1,510.5
1996	702	16,396	11,510	145	33	11,320	12	14.90	1,695.3	1,717.0
1997	699	16,495	11,530	130	25	11,363	12	13.40	1,529.5	1,547.0
1998	701	16,748	11,740	130	17	11,581	12	15.40	1,789.9	1,810.0

1/ Average number on farms during the year. 2/ Prices received for all milk sold wholesale per cwt.

3/ Includes value of milk used for home consumption. 4/ Includes value of milk fed to calves.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	<i>Pounds</i>												
1989	14.3	14.6	14.8	14.7	14.9	14.3	14.2	13.8	13.1	14.4	14.6	14.9	14.38
1990	14.5	14.8	16.0	15.6	15.4	15.0	14.8	15.3	15.1	14.8	14.8	15.1	15.10
1991	14.7	15.5	15.9	15.3	15.5	14.6	14.7	13.9	15.0	15.1	14.8	15.8	15.07
1992	15.3	15.4	16.0	15.4	15.3	15.0	14.7	14.2	14.2	14.9	15.3	15.5	15.10
1993	15.9	15.6	15.6	15.7	15.5	15.0	14.5	14.3	14.4	14.3	15.0	15.4	15.10
1994	14.9	15.0	14.8	15.7	15.3	15.0	14.7	14.9	14.5	14.6	15.3	15.3	15.00
1995	15.3	15.7	15.7	15.6	15.4	15.2	14.9	14.4	14.9	15.3	15.6	15.3	15.28
1996 <u>1</u> /	15.4	-	-	15.2	-	-	14.5	-	-	14.8	-	-	14.98
1997	14.8	-	-	15.3	-	-	14.7	-	-	14.2	-	-	14.75
1998	14.2	-	-	14.0	-	-	<u>2</u> /						

2/ Estimates discontinued as of July 1998.

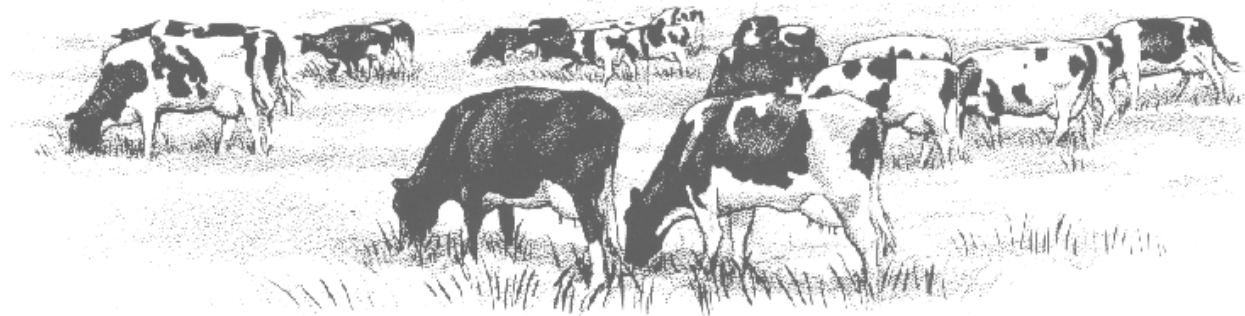
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Table 51. **CHEESE:** Production, by Months, 1989-1998

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TOTAL AMERICAN (1,000 pounds)													
1989	7,535	7,549	8,520	7,972	8,296	7,443	6,857	6,404	5,840	5,995	5,391	5,876	83,678
1990	7,831	8,488	9,536	7,845	8,291	9,042	8,377	7,793	7,356	7,112	7,536	7,368	96,575
1991	6,715	6,467	6,782	7,850	8,202	6,754	7,756	7,143	6,460	7,521	7,139	8,209	86,998
1992	8,605	8,123	9,135	8,952	9,858	10,380	8,802	8,844	7,437	7,147	6,942	7,327	101,552
1993	7,910	7,256	8,561	9,169	9,859	9,224	8,014	8,252	7,737	7,876	7,657	8,973	100,488
1994	8,505	7,511	8,285	8,726	9,044	9,400	8,364	7,441	6,012	6,481	5,914	7,200	92,883
1995	7,698	6,924	7,423	7,308	7,588	7,341	6,795	6,356	6,238	6,124	6,561	7,545	83,901
1996	7,670	7,164	7,995	8,226	8,895	7,965	7,305	6,945	6,354	6,883	5,611	7,020	88,033
1997	8,106	8,051	8,327	8,480	9,089	8,808	8,338	7,057	6,496	7,051	6,270	7,315	93,388
1998	7,669	7,037	7,724	8,049	8,920	8,475	7,861	6,805	6,244	6,858	6,959	8,161	90,762
TOTAL ITALIAN (1,000 pounds)													
1989	25,428	23,985	27,976	23,788	26,311	23,790	21,406	22,001	20,878	22,435	22,928	22,679	283,605
1990	23,023	20,985	25,361	25,131	25,817	23,512	21,218	22,630	20,593	22,077	21,668	21,736	273,751
1991	22,382	20,583	24,473	21,595	21,453	19,488	20,073	21,278	20,478	23,380	22,325	22,703	260,211
1992	22,367	22,165	24,400	24,171	21,767	21,285	22,014	21,673	22,209	23,016	24,022	24,301	273,390
1993	21,791	20,938	25,183	23,273	22,127	21,988	22,020	21,116	22,327	23,592	24,230	23,710	272,295
1994	24,054	22,207	27,755	23,930	24,061	22,516	20,736	24,289	25,444	26,470	26,510	26,961	294,933
1995	25,110	22,946	26,911	24,555	26,027	24,719	23,124	24,018	25,925	26,055	26,521	27,215	303,126
1996	25,903	25,578	29,818	27,818	26,964	25,112	25,125	26,146	25,487	28,033	27,088	28,865	321,937
1997	28,894	25,433	31,207	28,228	29,157	26,083	26,031	27,472	28,313	29,395	28,829	31,747	340,789
1998	29,895	26,751	29,638	30,134	30,297	29,192	27,083	27,992	28,565	31,553	32,081	32,547	355,728
TOTAL CHEESE EXCLUDING COTTAGE (1,000 pounds)													
1989	43,558	41,273	48,986	41,946	45,138	41,457	38,438	39,398	38,317	40,810	39,954	40,897	500,172
1990	41,299	38,824	47,788	44,551	45,394	44,023	40,978	43,446	38,805	40,436	41,710	39,975	507,229
1991	39,569	37,104	43,295	40,063	41,114	38,592	39,107	40,380	42,586	44,865	43,679	44,591	494,945
1992	42,596	39,346	47,380	45,855	44,142	42,697	43,439	42,442	42,992	45,313	45,723	47,687	529,612
1993	40,346	40,817	48,931	46,263	43,401	43,217	43,072	42,305	44,928	49,483	48,479	46,425	537,667
1994	45,193	42,369	52,195	46,141	44,330	45,559	41,659	48,234	47,452	49,984	48,150	48,280	559,636
1995	45,831	42,392	50,604	43,303	49,181	46,444	41,602	45,101	45,929	47,991	49,495	49,126	556,999
1996	45,674	45,113	52,407	49,637	51,179	48,360	45,601	47,567	45,178	53,339	48,628	51,006	583,689
1997	50,249	46,135	55,645	49,604	53,874	50,991	47,713	48,152	53,297	55,548	52,019	53,462	616,689
1998	51,793	45,686	53,940	56,349	54,589	54,630	48,638	49,952	52,377	54,235	52,407	56,269	630,865
CREAMED COTTAGE CHEESE (1,000 pounds)													
1989	6,226	6,127	6,276	6,216	6,818	6,452	5,877	6,740	6,121	5,342	5,147	4,896	72,238
1990	5,421	5,192	5,829	5,407	5,898	5,714	5,652	5,858	5,019	5,195	5,556	5,660	66,401
1991	5,916	5,221	5,690	5,949	5,973	5,580	5,882	5,575	4,832	5,074	4,321	4,383	64,396
1992	4,587	4,535	5,161	5,345	4,455	4,954	4,900	4,965	4,567	4,528	4,160	4,219	56,376
1993	4,456	4,074	4,738	4,303	4,792	4,336	4,815	4,778	4,225	4,073	4,006	4,070	52,666
1994	3,896	3,829	4,521	4,616	5,144	4,922	5,293	5,187	4,644	4,392	4,401	4,526	55,371
1995	4,707	4,355	4,547	4,513	4,919	4,780	4,696	4,920	4,216	3,791	4,137	3,801	53,382
1996	3,906	4,220	4,525	4,139	4,529	4,465	4,803	4,897	4,361	4,320	4,228	4,010	52,403
1997	4,305	4,176	4,547	4,490	4,980	4,622	5,020	4,939	4,878	4,782	4,317	4,131	55,187
1998	4,430	4,298	4,914	4,639	4,619	4,868	5,057	4,624	4,884	4,484	4,111	4,432	55,360
LOWFAT COTTAGE CHEESE (1,000 pounds)													
1989	5,663	5,729	5,882	5,501	6,107	6,123	5,637	6,383	5,896	5,090	5,133	4,366	67,510
1990	5,322	5,524	6,302	5,852	6,220	6,302	6,048	6,048	6,032	5,779	5,535	4,492	69,456
1991	6,910	6,349	7,627	7,373	8,230	7,488	6,918	8,180	7,319	6,564	5,901	6,168	85,027
1992	7,089	6,892	9,043	8,688	8,055	7,373	7,405	7,247	6,913	6,706	5,675	5,075	86,161
1993	7,365	6,172	7,680	6,664	6,277	6,743	6,252	6,199	6,022	5,162	5,162	5,017	74,715
1994	5,573	5,924	6,261	6,875	7,825	6,866	7,178	7,422	7,338	6,316	6,366	5,857	79,801
1995	6,942	7,246	7,745	6,749	7,009	7,503	6,890	7,287	6,252	5,889	5,481	5,146	80,139
1996	5,519	6,220	7,129	6,642	6,707	6,919	6,663	7,752	6,665	6,303	5,902	5,033	77,454
1997	6,191	6,501	7,454	6,615	7,678	6,780	7,469	7,561	7,506	7,024	6,137	6,329	83,245
1998	6,955	6,949	7,317	7,739	7,110	8,163	7,794	7,397	8,159	6,974	6,613	6,121	87,291

Table 52. **CHEESE:** Production, by Type, 1989-1998

Year	American Type Cheese			Italian Cheese			
	Cheddar	Other American <u>1/</u>	Total American	Mozzarella	Ricotta	Other Italian <u>2/</u>	Total Italian
	<i>1,000 pounds</i>						
1989	80,983	2,695	83,678	166,658	92,743	24,204	283,605
1990	94,534	2,041	96,575	154,356	95,840	23,555	273,751
1991	85,147	1,851	86,998	139,545	97,648	23,018	260,211
1992	99,869	1,683	101,552	145,753	100,188	27,449	273,390
1993	99,514	974	100,488	151,644	94,966	25,685	272,295
1994	91,986	897	92,883	167,659	100,032	27,242	294,933
1995	82,460	1,441	83,901	183,700	97,290	22,136	303,126
1996	85,247	2,786	88,033	197,854	100,006	24,077	321,937
1997	91,214	2,174	93,388	203,737	105,637	31,415	340,789
1998	88,893	1,869	90,762	210,723	108,245	36,760	355,728
Year	Cream and Neufchatel cheese	Other cheese excluding cottage <u>3/</u>	Total cheese excluding cottage	Cottage Cheese			
				Creamed <u>4/</u>	Lowfat <u>5/</u>	Curd <u>6/</u>	
	<i>1,000 pounds</i>						
1989	107,631	25,258	500,172	72,238	67,510		90,365
1990	109,618	27,285	507,229	66,401	69,456		86,522
1991	119,762	27,974	494,945	64,396	85,027		91,819
1992	124,538	30,132	529,612	56,376	86,161		91,052
1993	135,702	29,182	537,667	52,666	74,715		84,693
1994	143,464	28,356	559,636	55,371	79,801		87,969
1995	145,198	24,774	556,999	53,382	80,139		88,736
1996	153,411	20,308	583,689	52,403	77,454		87,396
1997	163,314	19,198	616,689	55,187	83,245		93,691
1998	165,221	19,154	630,865	55,360	87,291		97,765

1/ Includes Colby, washed curd, stirred curd, Monterey, and Jack.2/ Includes Provolone, Romano, and other hard and soft types.3/ Includes Swiss, Brick, Muenster, Farmers', and other varieties of cheese.4/ Milkfat content 4.0 percent or more.5/ Milkfat content from 0.5 percent to 2.0 percent.6/ Mostly used for processing into fully creamed or lowfat cottage cheese.

Cottage cheese curd, lowfat, and creamed should not be added together to obtain total production.

Table 53. **CONDENSED AND DRIED MILK:** Production, by Type, 1989-1998

Year	Unsweetened Condensed Milk		Nonfat dry milk <i>(human food)</i>	Dry Whey		
	Whole milk	Skim milk		Human consumption	Animal feed	Total
	<i>1,000 pounds</i>					
1989	30,471	88,677	11,547	88,363	11,105	99,468
1990	28,161	69,028	16,858	89,206	8,841	98,047
1991	38,155	77,568	23,189	81,651	5,051	86,702
1992	38,700	80,282	28,371	89,527	6,584	96,111
1993	21,920	84,693	21,925	96,938	3,116	100,054
1994	7,022	45,934	24,794	100,851	2,693	103,544
1995	11,468	53,815	32,254	107,054	3,174	110,228
1996	21,088	43,331	24,155	107,666	2,373	110,039
1997	<u>1/</u>	<u>1/</u>	<u>1/</u>	111,363	1,304	112,667
1998	<u>1/</u>	<u>1/</u>	<u>1/</u>	113,042	4,068	117,110

1/ Not published to avoid disclosure of individual operations.

Table 54. **DAIRY PRODUCTS:** Production, by Months, 1989-1998

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BUTTER (1,000 pounds)													
1989	3,911	3,579	4,333	3,547	2,407	1,446	1,081	994	1,100	1,318	1,022	1,273	26,011
1990	2,058	2,273	1,843	1,859	1,678	1,218	1,201	1,266	1,271	1,792	1,843	1,994	20,296
1991	2,767	2,807	2,629	2,966	2,830	1,742	1,622	1,115	1,142	1,820	1,404	2,474	25,318
1992	3,431	3,250	2,711	2,803	2,627	1,975	1,806	1,510	1,558	2,021	1,345	1,899	26,736
1993	3,322	2,525	2,302	2,361	2,258	2,191	1,622	1,712	1,458	1,670	1,537	2,145	25,130
1994	2,474	1,791	2,274	2,265	2,247	1,849	1,709	1,476	1,565	1,591	1,274	2,202	22,717
1995	2,261	2,809	2,685	2,541	2,313	1,993	1,749	1,231	1,695	1,994	1,924	2,361	25,556
1996	2,880	2,571	2,660	2,408	2,364	1,861	2,006	1,748	1,803	2,239	2,143	2,490	27,173
1997	2,500	2,403	2,260	2,358	2,418	1,852	1,710	2,067	1,636	1,621	1,863	1,813	24,501
1998	2,348	2,461	2,058	1,860	1,584	1,332	1,474	1,532	1,349	1,700	1,527	1,992	21,217
YOGURT - PLAIN AND FLAVORED (1,000 pounds)													
1989	14,333	15,672	15,995	15,364	18,336	17,529	15,301	17,164	17,468	17,390	12,772	13,815	191,139
1990	14,791	17,552	19,173	17,609	17,773	15,418	16,372	15,992	15,698	15,989	11,747	10,898	189,012
1991	16,380	15,663	17,865	14,249	18,341	16,706	14,735	15,860	15,490	14,910	11,227	14,092	185,518
1992	17,565	16,432	18,708	18,967	17,593	17,111	16,699	16,381	16,629	16,255	13,652	14,795	200,787
1993	19,618	17,305	17,986	17,991	17,367	17,569	13,746	18,424	18,735	16,012	16,024	16,425	207,202
1994	17,346	19,130	21,853	17,148	22,906	19,958	16,668	20,299	21,020	18,603	16,832	17,917	229,680
1995	19,635	18,854	22,477	17,742	20,141	20,590	20,375	22,808	19,818	18,230	16,175	14,960	231,805
1996	17,114	19,604	20,633	18,895	18,287	17,998	15,911	17,431	16,945	16,729	13,780	15,186	208,513
1997	19,491	16,173	14,114	19,007	18,453	18,540	18,234	17,742	17,360	15,880	13,736	14,474	203,204
1998	16,502	16,835	19,723	19,425	19,080	21,636	16,956	20,230	25,967	20,450	16,047	20,275	233,126
TOTAL NONFAT DRY MILK (1,000 pounds)													
1989	1,857	897	1,659	1,998	1,277	1,072	791	689	266	197	256	588	11,547
1990	467	757	1,324	2,237	2,275	2,248	1,821	1,350	1,043	551	557	2,228	16,858
1991	2,181	1,851	1,701	2,558	3,137	2,534	1,755	857	756	1,538	1,041	3,280	23,189
1992	4,294	4,024	3,100	2,523	3,180	2,783	3,480	1,724	402	333	335	2,193	28,371
1993	2,881	1,931	698	1,756	3,537	3,661	2,948	1,447	291	555	419	1,935	22,059
1994	1,762	915	1,808	3,078	3,380	4,002	2,214	1,833	1,731	940	672	2,459	24,794
1995	2,326	2,341	2,413	3,299	3,687	3,743	4,058	2,799	2,082	1,804	1,272	2,430	32,254
1996	3,199	2,509	2,252	3,568	2,940	2,424	2,686	1,024	679	561	573	1,740	24,155
1997	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
1998	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
STANDARD ICE CREAM (1,000 gallons)													
1989	3,464	3,754	4,173	4,219	4,352	4,717	4,686	4,575	3,632	3,329	2,758	2,848	46,507
1990	3,320	3,081	3,612	3,982	4,077	4,159	4,920	3,976	3,414	3,745	2,735	2,221	43,242
1991	3,225	3,453	3,112	4,257	3,735	4,338	4,789	4,832	3,657	3,640	2,767	2,774	44,579
1992	2,868	2,958	3,217	3,978	3,553	4,092	4,190	3,869	3,646	3,556	2,617	2,855	41,399
1993	2,506	3,091	3,159	3,647	3,492	4,258	4,825	3,879	3,495	2,956	2,573	2,975	40,856
1994	2,478	3,239	3,015	3,428	3,751	3,794	4,009	3,751	3,130	2,237	2,272	2,178	37,282
1995	2,461	2,592	3,093	3,175	3,618	3,831	3,896	3,539	2,616	2,552	2,539	2,018	35,930
1996	2,575	2,513	3,022	3,420	3,238	3,149	3,122	2,479	2,262	2,414	2,092	1,917	32,203
1997	2,340	2,506	2,951	3,768	2,886	3,570	4,002	2,993	2,271	2,274	1,910	1,882	33,353
1998	2,643	2,824	2,899	3,250	3,261	4,056	3,448	2,796	2,622	2,523	1,754	1,929	34,005
LOWFAT ICE CREAM (1,000 gallons)													
1989	914	648	1,082	1,144	1,227	1,421	1,233	1,142	1,391	1,202	960	885	13,249
1990	1,124	965	1,203	1,151	1,198	1,339	1,156	1,343	1,216	1,539	984	983	14,201
1991	1,202	1,276	1,435	1,929	1,407	1,690	1,877	1,852	1,150	1,002	798	704	16,322
1992	921	817	846	1,166	1,011	1,373	1,267	1,198	972	775	672	673	11,691
1993	471	472	492	558	806	693	1,071	766	655	415	505	370	7,274
1994	296	362	438	648	822	680	745	631	493	343	395	363	6,216
1995	578	546	686	849	1,052	1,108	1,301	1,264	655	605	642	457	9,743
1996	349	363	456	539	792	619	767	792	559	458	575	445	6,714
1997	559	632	769	1,030	1,071	958	1,022	830	636	697	584	545	9,333
1998	551	509	522	625	698	701	874	764	709	637	578	644	7,812

1/ Not published to avoid disclosure of individual operations.

Table 55. **FROZEN DESSERTS AND MIXES:** Production, by Type, 1989-1998

Year	Standard ice cream	Lowfat ice cream <u>1</u> /	Milk sherbet <u>1</u> /	Water ices <u>2</u> /	Mixes		
					Standard ice cream	Lowfat ice cream <u>3</u> /	Sherbet
	<i>1,000 gallons</i>						
1989	46,507	13,249	2,456	5,006	24,198	3,456	1,746
1990	43,242	14,201	2,905	5,010	22,159	3,589	2,035
1991	44,579	16,322	3,393	5,912	23,221	4,405	2,339
1992	41,399	11,691	3,299	5,462	22,183	2,237	2,202
1993	40,856	7,274	2,795	6,174	22,309	2,109	1,872
1994	37,282	6,216	2,626	5,005	22,509	2,208	1,747
1995	35,930	9,743	2,935	4,536	21,610	2,287	1,953
1996	32,203	6,714	2,442	3,383	20,040	2,253	1,688
1997	33,353	9,333	2,451	2,513	19,719	2,282	1,669
1998	34,005	7,812	2,585	2,918	20,200	2,216	1,780

1/ Includes hard, soft-serve, and freezer-made milkshake.2/ Does not include counter-freezer production.3/ Includes milkshake mix.Table 56. **DAIRY:** Plants Manufacturing Specified Products, 1989-1998

Year	Total Cheese				Butter	Condensed skim milk (<i>unsweetened</i>)	Nonfat dry milk	Standard ice cream (<i>hard</i>)	Water ices	Plants making one or more dairy or frozen dessert products
	American	Italian	Excluding cottage	Cottage						
	<i>Number</i>									
1989	11	18	36	11	12	11	6	49	27	118
1990	11	17	34	9	10	11	6	53	22	129
1991	11	14	35	10	8	10	5	45	23	120
1992	11	13	30	10	9	10	4	45	24	113
1993	12	13	32	11	8	9	4	48	29	115
1994	11	14	34	13	9	7	3	52	28	136
1995	12	13	30	12	9	7	3	54	25	138
1996	13	14	33	12	8	6	3	52	29	134
1997	13	13	32	11	8	5	2	58	29	134
1998	12	13	31	11	9	6	2	59	30	141



LIVESTOCK and POULTRY

LIVESTOCK

New York livestock producers marketed 310 million pounds of meat animals during 1998, down 2 percent from the 1997 total of 315 million pounds. Cattle and calve marketings were off 1 percent from a year earlier. Hogs were down 9 percent, while sheep and lambs increased 27 percent from last year's sales. Meat animal cash receipts totaling \$119 million were down 5 percent from 1997.

Gross income from livestock during 1998, which includes the sale of meat animals, wool, and the value of home consumption, totaled \$122 million, down 6 percent from a year earlier. Cattle and calves accounted for 89 percent of this total.

Calf prices, at \$51.90 per hundred pounds liveweight (cwt.), were up 8 percent while cattle prices, at \$33.80 per cwt., decreased 2 percent from 1997. Gross income from cattle and calves during 1998 totaled \$110 million, down 2 percent from a year earlier.

Hog and pig prices averaged \$31.70 per cwt. in 1998, down 30 percent from a year earlier. Gross income from hogs and pigs during 1998 totaled \$9.21 million, down 36 percent from 1997.

Sheep and lamb marketings, at 4.31 million pounds during 1998, increased 27 percent from 1997. Sheep prices, at \$37.30 per cwt., were down 7 percent while lamb prices, at \$86.70 per cwt., were down 13 percent from a year ago. Gross income from sheep and lambs during 1998 was virtually unchanged from a year earlier at \$3.38 million.

New York wool production during 1998 totaled 307,000 pounds, down 10 percent from the 1997 total. The average price received for wool decreased 17 percent to 45 cents per pound, compared with 54 cents in 1997. The value of production, at \$138,000, decreased 25 percent from a year earlier due to the combination of lower production and lower prices.

by Herd Size, 1989-1998

Year	Herd size			
	1-49	50-99	100 plus	Total
	<i>Number of operations</i>			
1989	12,300	5,570	5,130	23,000
1990	11,500	5,150	5,350	22,000
1991	10,900	4,670	5,430	21,000
1992	10,900	4,600	5,500	21,000
1993	11,000	4,800	5,200	21,000
1994	10,500	4,400	5,100	20,000
1995	10,000	4,100	4,900	19,000
1996	10,000	4,100	4,800	19,000
1997	9,100	4,100	4,800	18,000
1998	8,800	3,900	4,800	17,500

Table 58. **CATTLE & CALVES JANUARY 1:**
by Herd Size, 1990-1999

Year	Herd size				
	1-49	50-99	100-499	500 plus	Total
	<i>Thousand head</i>				
1990	197	395	821	107	1,520
1991	184	359	857	130	1,530
1992	170	331	893	146	1,540
1993	185	339	847	169	1,540
1994	194	298	820	178	1,490
1995	145	290	841	174	1,450
1996	176	294	823	177	1,470
1997	148	296	784	252	1,480
1998	156	275	767	282	1,480
1999	154	271	757	278	1,460

Table 57. **CATTLE & CALF OPERATIONS:**

Table 59. **CATTLE AND CALVES:** Number on Farms, January 1, Inventory Value and Value per Head, 1989-1999

Year	Cows and heifers that have calved		Heifers 500 lbs. and over			Bulls 500 lbs. and over	Steers 500 lbs. and over	Calves less than 500 lbs.	Cattle and calves on feed	All Cattle and Calves		
	Kept for milk	Kept for beef	For milk replacement	For beef replacement	Other heifers					Number	Value per head	Total value
					<u>1,000</u>					<u>1,000.</u>	<u>Dol.</u>	<u>1,000 dol.</u>
1989	780	80	302	24	29	17	32	261	19	1,525	740	1,128,500
1990	760	70	324	24	37	17	25	263	18	1,520	810	1,231,200
1991	750	70	322	22	36	18	34	278	25	1,530	790	1,208,700
1992	740	70	312	25	44	19	48	282	30	1,540	795	1,224,300
1993	730	70	329	25	55	19	39	273	35	1,540	815	1,255,100
1994	725	80	305	30	40	19	31	260	25	1,490	820	1,221,800
1995	710	70	290	30	40	20	30	260	25	1,450	825	1,196,250
1996	700	70	305	25	45	20	35	270	30	1,470	740	1,087,800
1997	700	80	305	25	40	20	35	275	30	1,480	750	1,110,000
1998	700	80	310	30	40	20	30	270	30	1,480	730	1,080,400
1999	702	78	310	20	40	20	30	260	30	1,460	860	1,255,600

Table 60. **CATTLE AND CALVES:** Production, Disposition, and Income, 1989-1998

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income <u>1/</u>
				Cattle	Calves		Cattle	Calves		
					<u>1,000</u>					<u>1,000 dol.</u>
1989	1,525	740	15	200	445	6	25	84	1,520	174,642
1990	1,520	720	18	190	424	6	30	78	1,530	182,932
1991	1,530	710	14	189	412	5	30	78	1,540	198,623
1992	1,540	700	24	203	407	6	32	76	1,540	202,484
1993	1,540	690	20	215	442	5	30	68	1,490	238,659
1994	1,490	670	15	200	430	4	28	63	1,450	216,403
1995	1,450	660	19	180	388	3	30	58	1,470	152,646
1996	1,470	660	23	175	407	2	31	58	1,480	101,840
1997	1,480	670	23	190	410	2	31	60	1,480	111,458
1998	1,480	660	21	190	422	2	30	57	1,460	109,640

1/ Value of marketings and home consumption.

Table 61. **CATTLE AND CALVES:** Commercial Slaughter, 1989-1998

Year	CATTLE			CALVES		
	Number head	Average liveweight	Total liveweight	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1989	101.3	1,116	113,055	394.2	152	60,043
1990	66.3	1,071	71,039	279.6	205	57,252
1991	74.2	1,101	81,727	217.1	304	65,959
1992	80.8	1,111	89,717	233.7	329	76,791
1993	63.9	1,082	69,125	184.1	315	58,037
1994	68.4	1,042	71,293	207.9	361	75,062
1995	70.4	1,078	75,905	235.7	375	88,393
1996	84.3	1,082	91,161	270.8	318	86,036
1997	93.7	1,088	101,987	245.0	221	54,065
1998	86.6	1,117	96,746	200.5	88	17,689

Table 62. **CATTLE AND CALVES:** Commercial Slaughter, Number of Head, by Months, 1989-1998

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
<u>CATTLE</u>													
1989	10.9	11.3	9.5	7.6	8.1	7.6	6.3	8.1	7.4	8.3	8.4	7.8	101.3
1990	7.3	6.5	6.7	5.7	6.1	5.3	4.3	4.5	4.4	5.6	5.2	4.7	66.3
1991	5.3	4.7	4.7	5.6	6.2	5.6	6.5	7.2	7.1	8.3	6.5	6.7	74.2
1992	7.6	6.4	7.1	6.9	5.9	6.2	6.6	5.9	6.9	8.3	6.6	6.3	80.8
1993	5.5	4.7	5.3	5.0	5.0	5.5	5.6	5.7	5.6	5.3	5.5	5.3	63.9
1994	5.0	4.9	5.9	5.7	6.0	5.4	5.3	5.9	5.9	6.0	6.0	6.3	68.4
1995	5.8	5.4	6.2	4.9	5.5	5.4	4.9	6.1	6.2	7.0	6.7	6.6	70.4
1996	7.3	6.2	6.0	6.4	7.1	6.4	6.7	6.8	6.6	8.9	7.9	7.9	84.3
1997	7.7	6.7	7.1	7.8	7.5	6.6	7.4	7.5	8.2	10.3	8.0	8.9	93.7
1998	8.1	7.3	7.5	6.7	6.7	6.9	7.1	6.9	7.6	7.8	6.8	7.1	86.6
<u>CALVES</u>													
1989	35.0	32.2	40.8	26.5	23.2	25.7	29.0	40.3	35.5	37.5	35.4	33.1	394.2
1990	32.7	26.7	36.4	23.1	21.6	19.9	17.2	20.7	18.0	22.7	22.3	18.5	279.6
1991	18.3	15.6	18.3	14.6	13.2	12.4	18.5	20.2	20.5	20.6	22.4	22.5	217.1
1992	20.2	17.2	20.3	15.9	15.1	15.9	19.6	21.2	20.9	21.4	21.8	24.3	233.7
1993	17.8	15.9	21.4	16.0	11.6	11.8	13.2	14.9	14.6	14.1	16.8	16.0	184.1
1994	16.4	14.4	21.0	16.4	12.0	14.6	16.5	19.0	19.7	17.4	19.3	21.3	207.9
1995	20.4	17.1	21.6	15.7	16.3	19.3	19.2	18.9	21.0	21.9	22.1	22.3	235.7
1996	22.8	21.7	23.6	18.5	18.7	20.2	26.6	25.5	21.9	23.8	23.0	24.3	270.8
1997	18.9	17.4	23.1	22.8	17.2	17.6	24.2	21.1	21.0	22.9	18.2	20.7	245.0
1998	16.9	14.9	20.5	15.9	14.7	18.2	18.8	16.0	18.6	15.6	13.6	16.6	200.5

1/ May not add due to rounding.

Table 63. **HOGS AND PIGS:** Number on Farms, Inventory Value and Value per Head, December 1, 1989-1998

Year	Hogs and pigs for breeding	Hogs & Pigs for Market					All Hogs & Pigs		
		Total	Under 60 lbs.	60-119 lbs.	120-179 lbs.	180+ lbs.	Number	Value per head	Total value
		<u>1,000</u>					<u>1,000</u>	<u>Dollars</u>	<u>1,000 dol.</u>
1989	17	107	37	19	34	17	124	80.00	9,920
1990	15	88	37	20	18	13	103	85.00	8,755
1991	14	84	30	24	17	13	98	77.00	7,546
1992	15	90	35	25	16	14	105	72.00	7,560
1993	12	78	33	18	14	13	90	77.00	6,930
1994	12	60	26	13	11	10	72	54.00	3,888
1995	11	55	21	14	11	9	66	71.00	4,686
1996	13	69	28	15	13	13	82	92.00	7,544
1997	11	68	30	15	13	10	79	81.00	6,399
1998	8	52	18	14	10	10	60	45.00	2,700

Table 64. **HOGS AND PIGS:** Number of Operations, Production, Disposition, and Income, 1989-1998

Year	Operations with hogs	Inventory Dec. 1 preceding	Pig crop	Inship-ments	Marketings	Farm slaughter	Deaths	Inventory Dec. 1	Gross income <u>1/</u>
					<u>1,000</u>				<u>1,000 dol.</u>
1989	3.4	151	199	2	207	6	15	124	17,931
1990	2.9	124	171	2	176	5	13	103	19,771
1991	2.8	103	163	4	155	5	12	98	15,573
1992	2.8	98	179	3	156	5	14	105	13,070
1993	2.7	105	162	6	165	5	13	90	14,944
1994	2.2	90	102	17	121	4	12	72	10,245
1995	1.8	72	114	4	110	3	11	66	8,797
1996	1.6	66	134	9	115	2	10	82	10,788
1997	1.5	82	136	7	135	2	9	79	14,494
1998	1.4	79	99	12	118	2	10	60	9,212

1/ Value of marketings and home consumption.Table 65. **HOG AND PIG OPERATIONS:** by Herd Size, 1994-1998

Number of hogs in herd	Operations				
	1994	1995	1996	1997	1998
	<u>Number</u>				
1-49	1,950	1,580	1,390	1,330	1,240
50-99	110	90	70	70	60
100 plus	140	130	140	100	100
TOTAL	2,200	1,800	1,600	1,500	1,400

Table 66. **HOGS AND PIGS:** December 1, by Herd Size, 1994-1998

Number of hogs in herd	Inventory				
	1994	1995	1996	1997	1998
	<u>1,000 head</u>				
1-49	13	11	11	10	7
50-99	5	5	5	4	4
100 plus	54	50	66	65	49
TOTAL	72	66	82	79	60

Table 67. **HOGS AND PIGS:** Commercial Slaughter, 1989-1998

Year	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1989	64.6	222	14,335
1990	57.8	231	13,336
1991	56.3	222	12,512
1992	68.9	217	14,982
1993	68.9	222	15,325
1994	64.6	226	14,617
1995	64.8	214	13,887
1996	54.2	228	12,333
1997	49.3	189	9,325
1998	52.7	188	9,914

Table 68. **HOGS AND PIGS:** Commercial Slaughter, Number of Head, by Months, 1989-1998

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
1989	4.7	4.6	4.9	4.3	5.0	5.4	4.6	6.2	5.1	6.0	5.8	8.0	64.6
1990	5.1	3.6	4.2	4.1	4.3	4.2	4.7	5.5	4.7	5.4	4.9	7.0	57.8
1991	4.3	3.7	3.7	4.2	4.4	4.1	4.9	5.4	4.9	5.9	4.5	6.3	56.3
1992	5.0	4.5	4.5	5.0	4.9	5.7	6.3	6.1	6.4	6.6	5.8	8.0	68.9
1993	5.6	4.5	5.3	5.2	4.9	5.6	5.6	6.1	6.4	5.6	5.7	8.3	68.9
1994	4.5	4.3	4.7	4.4	4.9	5.3	4.5	5.9	5.7	5.8	5.8	8.9	64.6
1995	4.9	4.0	5.0	4.4	5.3	5.7	5.0	6.5	5.5	5.9	5.1	7.5	64.8
1996	4.7	4.2	3.9	3.8	3.8	4.0	4.8	5.3	4.7	5.0	3.9	6.0	54.2
1997	3.8	3.4	3.0	3.4	3.3	3.9	4.7	5.0	5.0	4.8	3.6	5.5	49.3
1998	3.8	3.2	3.3	3.5	3.4	4.2	5.1	5.2	5.4	4.9	4.0	6.7	52.7

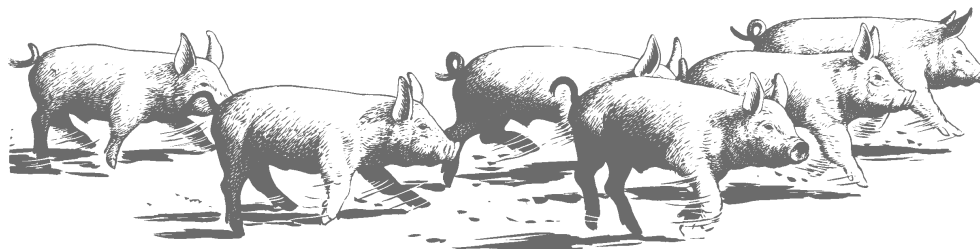
1/ May not add due to rounding.

Table 69. **SHEEP AND LAMBS:** Number on Farms, Inventory Value and Value per Head, January 1, 1989-1999

Year	All breeding sheep and lambs	Breeding ewes 1 year & older	Breeding rams 1 year & older	Replacement lambs	Sheep and lambs on feed ^{1/}	All Sheep and Lambs		
						Number	Value per head	Total value
			<u>1,000</u>			<u>1,000</u>	<u>Dollars</u>	<u>1,000 dol.</u>
1989	70	55	2	13	19	89	112.00	9,968
1990	76	58	3	15	16	92	96.00	8,832
1991	75	59	3	13	17	92	84.00	7,728
1992	60	48	3	9	12	72	86.00	6,192
1993	64	50	3	11	14	78	96.00	7,488
1994	62	50	3	9	12	79	90.00	7,110
1995	58	44	3	11	14	72	105.00	7,560
1996	55	43	3	9	10	65	98.00	6,370
1997	48	38	3	7	12	60	96.00	5,760
1998	49	38	3	8	12	61	120.00	7,320
1999	46	36	2	8	9	55	110.00	6,050

^{1/} Sheep and lambs on feed for slaughter market.Table 70. **SHEEP AND LAMBS:** Number on Farms, Inventory Value and Value per Head, January 1, 1989-1999

Year	Operations with sheep	Inventory January 1	Lamb crop	Inship- ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
					Sheep	Lambs		Sheep	Lambs		
	<u>1,000</u>										<u>1,000 dol.</u>
1989	2.2	89	67	4	3	48	1	7	9	92	2,548
1990	2.4	92	64	6	9	46	2	6	7	92	2,337
1991	2.4	92	57	5	19	48	2	6	7	72	2,269
1992	1.9	72	60	8	2	45	2	6	7	78	2,710
1993	2.0	78	65	7	9	48	2	6	7	79	3,284
1994	1.8	79	62	4	12	48	2	5	6	72	3,404
1995	1.7	72	56	2	7	44	1	6	7	65	3,876
1996	1.8	65	54	2	6	39	1	9	6	60	3,414
1997	1.7	60	50	1	2	36	1	5	6	61	3,395
1998	1.6	61	47	1	7	36	1	4	6	55	3,384

^{1/} Value of marketings and home consumption.

Table 71. **SHEEP AND LAMBS:** Wool Production and Value, 1989-1998

Year	Sheep shorn	Weight per fleece	Wool production	Price per pound	Value
	<u>Head</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Dollars</u>	<u>Dollars</u>
1989	68,000	7.0	476,000	.79	376,000
1990	73,000	7.2	525,000	.47	247,000
1991	70,000	7.1	498,000	.39	194,000
1992	61,000	7.1	431,000	.56	241,000
1993	61,000	6.9	419,000	.41	172,000
1994	63,000	7.1	448,000	.65	291,000
1995	54,000	7.0	380,000	.84	319,000
1996	53,000	7.1	377,000	.55	207,000
1997	51,000	6.7	343,000	.54	185,000
1998	45,000	6.8	307,000	.45	138,000

Table 72. **SHEEP AND LAMBS:** Commercial Slaughter, 1989-1998

Year	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1989	105.9	92	9,755
1990	105.1	98	10,277
1991	77.7	94	7,303
1992	83.3	96	8,016
1993	77.1	101	7,784
1994	54.3	106	5,774
1995	43.8	100	4,377
1996	34.0	98	3,311
1997	29.5	97	2,856
1998	30.0	107	3,221

Table 73. **SHEEP AND LAMBS:** Commercial Slaughter, Number of Head,
by Months, 1989-1998

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
1989	8.0	7.0	15.2	10.7	8.1	8.3	6.9	8.1	9.2	7.9	7.2	9.6	105.9
1990	8.0	7.9	10.1	18.5	9.6	9.8	9.1	9.2	6.3	5.9	5.0	5.7	105.1
1991	4.1	4.4	15.4	8.4	4.5	4.4	5.4	5.8	5.2	6.4	6.0	7.6	77.7
1992	5.5	5.2	6.1	15.7	5.3	6.4	6.1	6.1	7.4	6.2	6.1	7.2	83.3
1993	4.5	4.8	8.4	13.3	5.6	6.7	4.8	7.3	5.9	5.3	4.8	5.8	77.1
1994	3.1	2.6	9.2	7.2	3.8	4.0	3.9	5.1	3.3	3.7	3.6	4.7	54.3
1995	3.1	2.6	3.2	10.4	3.1	2.5	2.4	3.6	3.4	2.9	3.0	3.6	43.8
1996	2.2	2.6	5.7	7.4	2.5	1.6	1.7	1.9	1.8	2.1	1.7	2.6	34.0
1997	1.5	1.1	6.5	4.3	1.8	1.5	1.6	2.1	2.0	2.1	1.8	3.0	29.5
1998	1.4	1.3	2.3	8.6	1.9	2.3	1.8	1.9	1.9	1.7	1.7	3.1	30.0

1/ May not add due to rounding.

HONEY

Honey production from beekeepers with five or more hives in New York totaled 5.20 million pounds during 1998. This total is up 20 percent from the 1997 production of 4.32 million pounds.

The 1998 production was extracted from 65,000 colonies, down 10 percent from the 72,000 colonies in 1997. Honey yield per colony averaged 80 pounds, 33 percent above the 1997 yield. Honey stocks on hand across the State

as of December 15, 1998 totaled 2.44 million pounds, an increase of 9 percent from the 2.25 million pounds a year earlier.

Prices received by beekeepers in New York averaged 70.0 cents per pound for all methods of sale during 1998, 18 percent less than the 1997 average price of 85.0 cents. Value of honey production for the State in 1998 totaled \$3.64 million, compared with \$3.67 million in 1997.

Table 74. **HONEY:** Production and Value, 1989-1998 ^{1/}

Year	Colonies of bees	Yield per colony	Production	Price per pound	Total value	Stocks on Dec. 15
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lbs.</u>	<u>Dollars</u>	<u>1,000 dol.</u>	<u>1,000 lb.</u>
1989	94	59	5,546	.550	3,050	1,664
1990	81	54	4,374	.650	2,843	1,094
1991	77	62	4,774	.620	2,960	1,337
1992	70	66	4,620	.610	2,818	1,802
1993	65	62	4,030	.630	2,539	1,733
1994	68	68	4,624	.630	2,913	2,451
1995	70	75	5,250	.710	3,728	2,100
1996	68	80	5,440	.890	4,842	2,557
1997	72	60	4,320	.850	3,672	2,246
1998	65	80	5,200	.700	3,640	2,444

^{1/} For apiaries with 5 or more colonies.

Table 75. **MINK:** Females Bred to Produce Kits by Color Class, 1990-1999
and Pelts Produced, by Color Class, 1989-1998

Year	Standard	Pastel	Violet type	Pearl	Demi-Buff	Gunmetal	Pink	Mahogany	Other	Total
<i>Number</i>										
FEMALES BRED										
1990	14,200	500	1,700	1,400	3,600	400	1,200	400	600	24,000
1991	12,400	600	200	<u>1/</u>	3,000	500	900	600	500	18,700
1992	5,200	900	300	200	100	1,100	700	6,100	700	15,300
1993	7,800	1,000	500	600	100	900	1,200	1,300	700	14,100
1994	8,500	900	500	700	500	700	1,100	1,700	400	15,000
1995	4,300	300	-	100	200	1,000	500	1,000	200	7,600
1996	4,100	300	-	-	-	100	-	500	2,200	7,200
1997	3,600	800	400	-	-	600	400	300	700	6,800
1998	3,200	700	-	100	-	-	-	100	2,100	6,200
1999	1,500	300	-	-	-	100	-	-	100	2,000
PELTS PRODUCED										
1989	55,300	2,000	5,700	1,200	12,500	3,200	6,200	7,700	3,300	97,100
1990	43,000	3,600	4,500	4,100	2,600	7,800	5,300	900	2,400	74,200
1991	22,900	900	500	300	1,000	3,500	2,400	11,400	2,200	45,100
1992	13,500	1,700	700	200	600	2,200	1,800	15,400	1,900	38,000
1993	17,800	2,400	900	600	1,800	2,800	2,500	8,400	1,100	38,300
1994	20,300	1,900	1,100	1,800	700	500	2,200	13,800	3,300	45,600
1995	12,700	300	1,000	200	-	600	1,000	3,100	1,900	20,800
1996	9,100	1,100	400	200	500	800	200	4,100	3,700	20,100
1997	10,000	500	200	-	800	100	300	7,300	3,800	23,000
1998	13,000	200	4,200	-	-	100	-	8,700	4,300	30,500

1/ Included with "Other" to avoid disclosure of individual operations.

TROUT

New York trout producers sold a total of 158,000 pounds of trout valued at \$660,000 during the 12 months ending August 31, 1998. This production, which includes foodsize fish, stockers, and fingerlings, was down 14 percent from the production total of a year earlier. Value of production was down 18 percent from a year ago.

The 1998 output included 74,000 pounds of foodsize trout averaging \$3.73 per pound in value, 80,000 pounds of stocker trout averaging \$4.24 per pound, and 4,000 pounds of fingerlings. Foodsize fish averaged .99 pounds in weight, while stockers averaged .46 pounds. Poundage of foodsize trout sold was down 3 percent from 1997, while stocker poundage dropped 21 percent.

Table 76. **TROUT:** Sales by Number, Liveweight and Value, September 1 to August 31, 1994-1998

Item	Unit	1994	1995	1996	1997	1998
<u>FOODSIZE TROUT SOLD</u>						
Number of head	(1,000)	77	62	110	82	75
Liveweight pounds	(1,000)	73	61	99	76	74
Total dollar value	(1,000)	298	254	378	290	276
Average weight per fish	lb.	.95	.98	.90	.93	.99
Average price per pound	\$	4.08	4.16	3.82	3.82	3.73
<u>STOCKER TROUT SOLD</u>						
Number of head	(1,000)	206	130	262	221	175
Liveweight pounds	(1,000)	87	61	130	101	80
Total dollar value	(1,000)	389	281	591	450	339
Average weight per fish	lb.	.42	.47	.50	.46	.46
Average price per pound	\$	4.47	4.61	4.55	4.46	4.24
<u>FINGERLING TROUT SOLD</u>						
Number of head	(1,000)	192	166	174	242	165
Liveweight pounds	(1,000)	4	4	4	6	4
Total dollar value	(1,000)	47	44	46	64	45
<u>TOTAL TROUT SOLD</u>						
Number of head	(1,000)	475	358	546	545	415
Liveweight pounds	(1,000)	164	126	233	183	158
Total dollar value	(1,000)	734	579	1,015	804	660
Average weight per fish	lb.	.35	.35	.43	.34	.38
Average price per pound	\$	4.48	4.60	4.36	4.39	4.18
<u>NUMBER OF PRODUCERS</u>						
		35	27	29	28	29

Table 77. **TROUT:** Foodsize Sales by Outlet, Number and Percent of Total Sold
September 1 to August 31, 1994-1998

Year	Sales Outlet															
	Live Haulers		Fee and Recreation		Other Producers		Government Agencies		Direct to Consumers		Restaurant or Retailers		Other		Total Sales	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	(1,000)		(1,000)		(1,000)		(1,000)		(1,000)		(1,000)		(1,000)		(1,000)	
1994	1	1	29	38	-	-	-	-	15	19	31	41	1	1	77	100
1995	4	7	30	49	1	1	1	2	9	14	11	18	6	9	62	100
1996	5	4	42	38	3	3	1	1	25	23	33	30	1	1	110	100
1997	1	1	24	29	-	-	-	-	29	35	17	21	11	14	82	100
1998	-	-	40	52	-	-	1	1	12	16	15	20	8	11	76	100

Table 78. **TROUT:** Stocker Sales by Outlet, Number and Percent of Total Sold
September 1 to August 31, 1994-1998

Year	Sales Outlet											
	Live Haulers		Fee and Recreation		Other Producers		Government Agencies		Other		Total Sales	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	(1,000)		(1,000)		(1,000)		(1,000)		(1,000)		(1,000)	
1994	22	11	66	32	29	14	29	14	60	29	206	100
1995	9	7	68	52	14	11	6	5	33	25	130	100
1996	34	13	123	47	31	12	16	6	58	22	262	100
1997	33	15	77	35	16	7	18	8	77	35	221	100
1998	31	18	63	36	14	8	7	4	60	34	175	100

Table 79. **TROUT:** Number Lost by Cause and Percent of Total Number Lost
September 1 to August 31, 1994-1998

Year	Cause of Loss													
	Disease		Theft/Vandalism		Drought		Flood		Predators		Other		Total Losses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	(1,000)		(1,000)		(1,000)		(1,000)		(1,000)		(1,000)		(1,000)	
1994	45	27	2	1	<u>1</u> /	<u>1</u> /	-	-	56	34	64	38	167	100
1995	44	24	<u>1</u> /	<u>1</u> /	93	50	-	-	20	11	27	15	184	100
1996	50	24	<u>1</u> /	<u>1</u> /	18	8	14	7	76	36	54	25	212	100
1997	25	26	<u>1</u> /	<u>1</u> /	10	10	5	5	26	27	31	32	97	100
1998	24	49	<u>1</u> /	<u>1</u> /	<u>1</u> /	<u>1</u> /	-	-	21	43	4	8	49	100

1/ Less than one percent. Included in "Other."

POULTRY

The combined value of New York produced eggs, broilers, and turkeys, plus the value of sales for other chickens was \$60.1 million for the year ending November 30, 1998. This total is up slightly from a year earlier. Decreases in the value of production for eggs, turkeys, and chickens sold were offset by an increase in broiler production. Of the 1998 combined value, 85 percent was derived from eggs and 8 percent from turkeys.

Egg production in New York during the 1998 year totaled 986 million, up 6 percent from a year earlier. Egg prices decreased 7 percent, from 66.6 cents in 1997 to 62.0 cents in 1998. The resulting total value of \$50.9 million was 1 percent below the 1997 egg production value of \$51.7 million.

Statewide, turkey production in 1998 amounted to 12.0 million pounds, down 1 percent from 1997. The average price of 40 cents per pound was down 2 cents from the 1997 price. Value of production totaled \$4.8 million, down 6 percent from the 1997 level of \$5.1 million.

Broiler production in New York for 1998 totaled 9.9 million pounds, up 41 percent from a year earlier. The average price per pound increased 2 cents from 1997 to 41 cents in 1998. Value of production for 1998 totaled \$4.1 million compared with \$2.7 million in 1997.

The number of other chickens sold in New York (excluding broilers) during 1998 was up 8 percent from the previous year. The increase was more than offset by lower prices, resulting in a value of sales of \$280,000 compared with \$320,000 in 1997.

Nationally, the combined value of eggs, broilers, and turkeys, plus the sales of other chickens, was \$22.2 billion for the year ending November 30, 1998. This total was down 3 percent from the previous year. The value of broilers was up 7

percent, while the value of eggs produced was down 5 percent and the value of turkeys was down 8 percent. Of the 1998 combined value, 68 percent came from broilers, 20 percent from eggs, and 12 percent from turkeys.

Table 80. **DUCKS:** Production and Value, 1989-1998

Year	Number	Pounds produced (Live)	Price per pound (Live)	Value of production
	<u>1,000</u>	<u>1,000</u>	<u>Cents</u>	<u>1,000 dol.</u>
1989	2,200	15,900	54.0	8,586
1990	1,950	14,200	56.0	7,952
1991	1,970	14,400	55.0	7,920
1992	2,100	15,600	56.0	8,736
1993	1,990	14,900	57.0	8,493
1994	2,030	15,300	58.0	8,874
1995	2,200	16,400	58.0	9,512
1996	2,300	17,400	61.0	10,614
1997	2,250	17,200	68.0	11,696
1998	2,350	18,200	69.0	12,558

Table 81. **TURKEYS:** Production and Value, 1989-1998

Year	Number	Pounds produced (Live)	Price per pound (Live)	Value of production
	<u>1,000</u>	<u>1,000</u>	<u>Cents</u>	<u>1,000 dol.</u>
1989	400	8,600	40.0	3,440
1990	480	11,616	39.0	4,530
1991	490	11,858	37.0	4,387
1992	480	11,856	36.0	4,268
1993	480	11,856	38.0	4,505
1994	500	13,250	40.0	5,300
1995	505	12,979	42.0	5,451
1996	520	12,792	42.0	5,373
1997	510	12,087	42.0	5,077
1998	500	11,950	40.0	4,780

Table 82. **CHICKENS:** Number on Farms, Inventory Value and Value per Head, December 1, 1989-1998

Year	Hens and pullets of laying age			Pullets over 13 weeks not laying	Pullets under 13 weeks	Other chickens	All Chickens (<i>excl. meat chickens</i>)		
	Hens over 12 months	Pullets of laying age	Total HPLA				Number	Value per head	Total value
	<u>1,000</u>						<u>Dollars</u>	<u>1,000 dol.</u>	
1989	1,700	2,100	3,800	520	750	30	5,100	1.95	9,945
1990	1,350	2,350	3,700	470	650	30	4,850	2.00	9,700
1991	1,350	2,550	3,900	540	430	30	4,900	1.80	8,820
1992	1,650	2,250	3,900	330	640	30	4,900	1.70	8,330
1993	1,350	2,450	3,800	380	790	30	5,000	1.80	9,000
1994	1,400	2,490	3,890	340	945	25	5,200	1.90	9,880
1995	1,540	2,420	3,960	440	570	30	5,000	2.00	10,000
1996	1,360	2,150	3,510	360	510	20	4,400	1.90	8,360
1997	1,070	2,400	3,470	540	470	20	4,500	1.80	8,100
1998	1,530	2,080	3,610	570	500	20	4,700	1.70	7,990

Table 83. **CHICKENS:** Sold and Value of Sales, 1989-1998 1/

Year	Number sold	Pounds sold (<i>Live</i>)	Price per lb. (<i>Live</i>)	Value of sales
	<u>1,000</u>	<u>1,000</u>	<u>Cents</u>	<u>1,000 dol.</u>
1989	3,700	14,800	10.8	1,598
1990	3,900	15,210	6.1	928
1991	3,850	15,785	3.6	568
1992	4,100	16,810	5.1	857
1993	3,500	16,800	3.5	588
1994	3,100	14,570	2.5	364
1995	2,950	13,275	1.5	199
1996	3,000	14,400	0.2	29
1997	2,800	12,320	2.6	320
1998	3,030	13,332	2.1	280

1/ Excludes broilers.Table 84. **BROILERS:** Production and Value, 1989-1998 1/

Year	Number produced	Pounds produced	Price per pound	Value of production
	<u>1,000</u>	<u>1,000</u>	<u>Cents</u>	<u>1,000 dol.</u>
1989	3,300	15,180	36.0	5,465
1990	2,400	11,040	33.0	3,643
1991	2,000	9,000	31.5	2,835
1992	930	4,278	32.0	1,369
1993	1,000	4,500	34.0	1,530
1994	1,200	5,600	34.0	1,904
1995	1,400	6,900	34.5	2,381
1996	1,500	8,000	41.0	3,280
1997	1,400	7,000	39.0	2,730
1998	1,900	9,900	41.0	4,059

1/ Marketing year for broiler data is preceding December through November.Table 85. **EGGS:** Production and Value, 1989-1998 1/

Year	Annual average number of layers	Egg per layer	Eggs produced	Price per dozen	Value of production
	<u>1,000</u>	<u>Number</u>	<u>Millions</u>	<u>Cents</u>	<u>1,000 dol.</u>
1989	3,973	268	1,063	64.4	57,048
1990	3,658	267	975	68.1	55,331
1991	3,687	268	987	64.0	52,640
1992	3,808	273	1,040	53.9	46,713
1993	3,784	272	1,028	60.7	52,000
1994	3,784	277	1,049	57.2	50,002
1995	3,862	277	1,071	62.6	55,871
1996	3,773	276	1,042	77.1	66,949
1997	3,382	275	931	66.6	51,671
1998	3,473	284	986	62.0	50,943

1/ Marketing year for eggs is preceding December through November.

Table 86. **CHICKENS:** Number of Layers and Egg Production,
by Months, 1989 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LAYERS (Thousands)												
1989	4,075	4,050	4,025	4,025	4,025	4,000	4,050	4,000	3,800	3,725	3,775	3,750
1990	3,650	3,700	3,775	3,700	3,575	3,525	3,625	3,625	3,575	3,675	3,725	3,725
1991	3,751	3,725	3,701	3,700	3,600	3,600	3,650	3,600	3,675	3,725	3,801	3,850
1992	3,876	3,950	3,875	3,750	3,725	3,775	3,800	3,725	3,775	3,800	3,800	3,800
1993	3,725	3,726	3,776	3,850	3,875	3,751	3,775	3,776	3,775	3,826	3,750	3,809
1994	3,809	3,819	3,795	3,768	3,670	3,685	3,725	3,716	3,770	3,886	3,961	3,888
1995	3,819	3,852	3,840	3,727	3,711	3,730	3,842	3,995	3,960	3,964	4,020	4,019
1996	3,974	3,847	3,928	4,002	3,947	3,807	3,635	3,610	3,495	3,467	3,547	3,455
1997	3,399	3,463	3,412	3,280	3,354	3,433	3,402	3,331	3,217	3,343	3,500	3,419
1998	3,369	3,436	3,529	3,483	3,433	3,485	3,495	3,452	3,448	3,530	3,602	3,577
1999	3,616	3,722	3,724	3,655	3,589	3,531						
EGGS PER LAYER (Number)												
1989	22.82	20.74	22.61	22.36	23.35	22.75	22.47	21.75	21.84	22.55	21.99	22.93
1990	22.74	20.00	22.52	22.16	22.66	22.13	22.90	22.62	22.10	22.04	21.74	22.82
1991	22.66	21.21	23.51	21.35	21.67	21.94	23.56	23.06	22.04	22.28	21.57	23.38
1992	23.22	21.27	22.45	22.13	23.09	22.25	22.89	23.36	22.52	23.68	22.89	23.16
1993	23.09	20.67	23.04	22.34	22.71	21.86	23.05	23.31	22.52	23.52	22.40	23.37
1994	23.37	20.95	23.45	22.56	22.89	22.52	23.62	23.95	23.34	23.93	23.23	23.92
1995	23.57	21.29	23.96	22.54	22.90	23.06	23.69	23.53	22.47	23.46	22.89	23.64
1996	23.65	21.84	23.17	22.99	23.82	22.33	22.83	22.99	22.60	23.65	22.55	23.44
1997	23.24	21.08	22.86	22.26	23.26	22.43	23.52	23.42	22.69	23.93	23.14	23.98
1998	24.04	21.83	23.80	23.26	24.47	23.82	24.61	24.04	22.91	23.80	23.82	24.32
1999	24.06	21.49	23.90	22.98	23.40	22.94						
TOTAL EGG PRODUCTION (Million eggs)												
1989	93	84	91	90	94	91	91	87	83	84	83	86
1990	83	74	85	82	81	78	83	82	79	81	81	85
1991	85	79	87	79	78	79	86	83	81	83	82	90
1992	90	84	87	83	86	84	87	87	85	90	87	88
1993	86	77	87	86	88	82	87	88	85	90	84	89
1994	89	80	89	85	84	83	88	89	88	93	92	93
1995	90	82	92	84	85	86	91	94	89	93	92	95
1996	94	84	91	92	94	85	83	83	79	82	80	81
1997	79	73	78	73	78	77	80	78	73	80	81	82
1998	81	75	84	81	84	83	86	83	79	84	84	87
1999	87	80	89	84	84	81						
FORCED MOLT LAYERS BEING MOLTED FIRST OF MONTH (Percent of all layers)												
1989	2.0	1.0	2.5	1.0	0.5	1.5	4.5	6.0	2.0	4.5	0.5	3.0
1990	4.0	2.0	1.5	0.5	2.5	2.5	1.0	1.0	0.5	3.0	2.0	2.0
1991	1.5	1.5	2.0	3.5	9.5	6.5	1.0	2.0	0.5	5.5	1.0	1.0
1992	3.0	3.5	2.0	0.5	5.5	4.0	2.5	2.5	2.5	0.5	2.0	1.0
1993	3.0	3.0	1.0	0.5	4.0	4.5	1.5	-	0.5	2.0	1.5	1.0
1994	0.5	3.0	1.0	2.0	2.0	3.5	1.5	0.5	3.5	2.0	-	-
1995	-	3.0	2.0	1.0	3.0	2.0	1.0	-	1.0	1.0	1.0	-
1996	-	3.0	-	-	1.5	3.0	1.5	3.0	2.0	1.0	1.0	1.0
1997	1.0	1.0	1.5	1.0	1.0	1.0	2.0	0.5	1.5	2.0	1.0	-
1998	-	-	1.0	1.0	1.5	3.0	2.5	1.0	-	1.0	-	1.0
1999	1.0	-	1.0	-	1.0	-						
FORCED MOLT LAYERS WITH MOLT COMPLETED FIRST OF MONTH (Percent of all layers)												
1989	5.5	7.5	8.0	7.0	7.0	7.0	7.0	7.5	13.0	12.0	11.0	11.0
1990	12.0	11.0	9.5	11.0	10.5	3.5	4.0	5.0	5.0	6.0	5.5	7.5
1991	5.5	5.5	7.5	8.0	11.5	12.5	10.5	11.5	13.5	12.5	15.0	13.0
1992	12.0	11.5	10.0	10.5	7.5	6.5	6.0	6.0	9.0	7.5	9.0	10.0
1993	10.0	8.0	8.0	9.0	10.0	12.0	11.5	12.0	8.0	8.0	9.0	5.5
1994	4.0	2.5	4.5	3.5	6.0	6.5	9.5	7.5	10.0	11.0	11.0	11.0
1995	10.0	9.0	10.0	6.0	5.0	7.0	8.0	5.0	6.0	6.0	4.5	6.5
1996	6.0	4.0	8.5	3.5	1.5	4.5	7.0	6.5	5.0	5.5	5.5	6.5
1997	6.0	4.5	5.0	3.0	2.0	1.5	0.5	2.0	2.5	7.5	3.5	3.5
1998	2.5	2.5	3.0	2.0	3.5	3.5	4.5	5.5	5.5	5.0	6.0	6.0
1999	5.5	5.5	5.5	4.5	4.5	4.0	4.0					

OTHER AGRICULTURAL STATISTICS

PRICES

Prices for most New York produced fruit, vegetable, and field crops were lower than in 1998. Prices for most meat animals and eggs averaged lower for the year, while milk prices averaged sharply higher.

New York beef producers and dairy farmers with animals to sell saw average prices pull back from year-earlier levels. Steers and heifers averaged \$48.70 per cwt. during the year, down 3 percent from 1997, while slaughter cows were down 2 percent to \$32.30 over the same period. The combined price for all slaughter cattle averaged \$33.80 per cwt., down 2 percent from 1997. Calf prices averaged \$51.90 per cwt. during 1998, up 8 percent from a year earlier. At the National level, annual average

prices for all slaughter cattle combined averaged 6 percent lower.

New York pork producers saw prices for hogs average \$31.70 per cwt. in 1998, down a full 30 percent from a year earlier. Lamb prices were down 13 percent to \$86.70 per cwt. from the record high average price of \$100.00 in 1997. Table egg prices averaged 61.0 cents per dozen during the year, down 7 percent from 1997. At the U.S. level, 1998 hog prices averaged 35 percent lower, while lamb prices were down 20 percent. U.S. table egg prices declined 11 percent from the 1997 level.

Table 87. **CONSUMER PRICE INDEX (CPI-U):** All Urban Consumers, City Average, Unadjusted, United States, 1989 to Date 1/ (1982-84=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1989	121.1	121.6	122.3	123.1	123.8	124.1	124.4	124.6	125.0	125.6	125.9	126.1	124.0
1990	127.4	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	130.7
1991	134.6	134.8	135.0	135.2	135.6	136.0	136.2	136.6	137.2	137.4	137.8	137.9	136.2
1992	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9	141.3	141.8	142.0	141.9	140.3
1993	142.6	143.1	143.6	144.0	144.2	144.4	144.4	144.8	145.1	145.7	145.8	145.8	144.5
1994	146.2	146.7	147.2	147.4	147.5	148.0	148.4	149.0	149.4	149.5	149.7	149.7	148.2
1995	150.3	150.9	151.4	151.9	152.2	152.5	152.5	152.9	153.2	153.7	153.6	153.5	152.4
1996	154.4	154.9	155.7	156.3	156.6	156.7	157.0	157.3	157.8	158.3	158.6	158.6	156.9
1997	159.1	159.6	160.0	160.2	160.1	160.3	160.5	160.8	161.2	161.6	161.5	161.3	160.5
1998	161.6	161.9	162.2	162.5	162.8	163.0	163.2	163.4	163.6	164.0	164.0	163.9	163.0
1999	164.3	164.5	165.0	166.2	166.2	166.2							

1/ Bureau of Labor Statistics, U.S. Department of Labor.

Table 88. **PRICES RECEIVED BY FARMERS:** Selected Commodities,
Monthly and Marketing Year Average, 1989 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. ^{1/}
WHEAT (<i>Dollars per bushel</i>)													
1989	3.98	3.93	3.70	3.94	3.70	3.37	3.26	3.37	3.55	3.95	3.88	3.97	3.50
1990	3.98	3.84	3.92	3.63	3.63	3.48	2.80	2.62	2.41	2.52	2.34	2.44	2.70
1991	2.47	2.53	2.84	2.43	2.45	2.35	2.21	2.56	2.89	3.10	3.41	3.72	3.35
1992	3.98	4.05	3.74	3.61	3.77	3.42	3.04	2.17	2.38	2.54	3.33	2.93	2.70
1993	3.11	2.85	2.88	2.74	2.37	2.96	2.93	2.94	2.80	3.10	3.36	3.16	3.30
1994	3.79	3.49	3.20	3.83	3.35	3.25	2.90	2.82	2.93	3.40	3.47	3.40	3.20
1995	3.45	3.52	3.35	3.36	3.56	3.50	3.81	3.61	3.85	4.05	4.03	4.13	4.20
1996	4.60	4.70	4.68	5.08	5.58	6.44	4.16	4.18	4.59	4.41	4.25	4.30	4.15
1997	4.08	3.98	3.73	3.82	3.72	3.75	3.18	3.35	3.51	3.56	3.43	3.37	3.35
1998	3.43	3.44	3.39	3.16	2.98	2.82	2.09	1.97	2.17	2.19	2.21	2.26	2.15
1999	2.09	2.21	2.11	2.23	2.25	2.14							
OATS (<i>Dollars per bushel</i>)													
1989	2.46	2.27	2.14	2.39	1.93	1.61	1.32	1.22	1.26	1.30	1.31	1.57	1.35
1990	1.54	1.46	1.55	1.55	1.37	1.39	1.34	1.18	1.36	1.40	1.49	1.35	1.41
1991	1.56	1.57	1.35	1.44	1.52	1.43	1.28	1.38	1.52	1.38	1.55	1.40	1.56
1992	1.69	1.69	1.82	1.95	1.83	1.78	1.80	1.60	1.33	1.27	1.32	1.31	1.43
1993	1.41	1.57	1.59	1.61	1.55	1.45	1.72	1.25	1.31	1.33	1.67	1.57	1.38
1994	1.49	1.98	1.72	1.65	1.58	1.91	1.71	1.34	1.34	1.35	1.44	1.42	1.42
1995	1.30	1.44	1.49	1.38	1.57	1.51	1.54	1.32	1.46	1.22	1.67	1.59	1.65
1996	1.97	1.99	2.00	2.09	2.25	2.31	2.62	2.09	2.21	2.23	2.51	2.41	2.10
1997	1.90	2.23	2.07	2.33	2.25	2.01	1.67	1.61	1.74	1.62	1.79	1.67	1.70
1998	1.82	1.88	1.92	1.71	1.61	1.70	1.54	1.34	1.24	1.29	1.38	1.41	1.40
1999	1.40	1.56	1.46	1.49	1.51	1.53							
CORN (<i>Dollars per bushel</i>)													
1989	2.96	2.81	2.85	2.85	2.76	2.79	2.73	2.80	2.71	2.53	2.42	2.55	2.80
1990	2.85	2.67	2.64	2.76	3.13	3.18	3.25	3.20	3.07	2.70	2.27	2.35	2.44
1991	2.51	2.38	2.48	2.50	2.69	2.43	2.53	2.47	2.42	2.48	2.41	2.48	2.70
1992	2.77	2.79	2.65	2.67	2.82	2.82	2.73	2.75	2.91	2.69	2.27	2.20	2.30
1993	2.33	2.20	2.21	2.12	2.19	2.28	2.41	2.36	2.34	2.50	2.60	2.84	2.85
1994	2.98	3.08	3.01	3.00	3.06	2.97	2.86	2.62	2.61	2.54	2.10	2.03	2.65
1995	2.23	2.34	2.34	2.40	2.53	2.78	3.00	2.97	3.04	3.04	3.12	3.19	3.85
1996	3.46	3.56	3.84	4.57	4.85	4.87	5.03	4.93	4.61	3.47	2.96	2.97	2.98
1997	3.00	2.89	3.02	3.03	3.04	2.92	2.83	2.73	3.51	3.02	2.64	2.80	2.61
1998	2.85	2.81	2.51	2.65	2.39	2.56	2.59	2.31	2.13	2.13	2.06	2.18	2.15
1999	2.21	2.25	2.24	2.27	2.34	2.25							

^{1/} Wheat and Oats: July through June. Corn: October through September.

Table 88. **PRICES RECEIVED BY FARMERS:** Selected Commodities,
Monthly and Marketing Year Average, 1989 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<u>ALL HAY BALED</u> (<i>Dollars per ton</i>)													
1989	77.00	73.00	78.00	76.00	75.00	80.00	64.00	61.00	67.00	83.00	76.00	81.00	75.50
1990	86.00	78.00	74.00	76.00	75.00	73.00	74.00	63.00	70.00	85.00	82.00	79.00	77.00
1991	83.00	83.00	79.00	78.00	77.00	75.00	73.00	74.00	85.00	79.00	79.00	77.00	77.50
1992	81.00	79.00	79.00	80.00	79.00	88.00	82.00	78.00	85.00	93.00	93.00	92.00	88.00
1993	98.00	94.00	89.00	86.00	86.00	88.00	79.00	79.00	92.00	97.00	100.00	95.00	90.50
1994	92.00	94.00	94.00	93.00	91.00	90.00	92.00	80.00	90.00	89.00	90.00	85.00	84.50
1995	83.00	87.00	82.00	81.00	81.00	84.00	78.00	77.00	75.00	78.00	85.00	91.00	85.50
1996	93.00	96.00	95.00	92.00	87.00	82.00	79.00	80.00	78.00	101.00	94.00	91.00	87.00
1997	86.00	86.00	95.00	91.00	87.00	84.00	83.00	79.00	86.00	101.00	102.00	95.00	94.00
1998	101.00	108.00	102.00	109.00	91.00	90.00	75.00	85.00	84.00	94.00	92.00	102.00	89.50
1999	101.00	105.00	91.00	102.00	102.00	102.00	92.00						
<u>ALFALFA HAY BALED</u> (<i>Dollars per ton</i>)													
1989	95.00	80.00	94.00	86.00	88.00	93.00	70.00	63.00	86.00	96.00	97.00	96.00	88.00
1990	96.00	90.00	85.00	90.00	85.00	85.00	84.00	69.00	78.00	97.00	87.00	86.00	85.50
1991	90.00	90.00	85.00	85.00	84.00	80.00	75.00	80.00	90.00	85.00	87.00	85.00	84.50
1992	95.00	90.00	93.00	90.00	85.00	89.00	87.00	85.00	95.00	95.00	100.00	100.00	95.50
1993	105.00	100.00	98.00	97.00	97.00	91.00	84.00	88.00	96.00	101.00	104.00	103.00	97.00
1994	100.00	100.00	98.00	100.00	96.00	103.00	105.00	91.00	92.00	94.00	95.00	90.00	93.00
1995	90.00	91.00	86.00	86.00	83.00	90.00	81.00	90.00	80.00	89.00	91.00	102.00	94.00
1996	104.00	103.00	103.00	99.00	92.00	95.00	89.00	96.00	86.00	110.00	110.00	103.00	99.50
1997	99.00	99.00	106.00	92.00	90.00	113.00	95.00	97.00	102.00	110.00	112.00	104.00	110.00
1998	111.00	113.00	128.00	142.00	92.00	97.00	92.00	101.00	99.00	99.00	98.00	118.00	101.00
1999	106.00	124.00	99.00	110.00	110.00	120.00	100.00						
<u>OTHER HAY BALED</u> (<i>Dollars per ton</i>)													
1989	59.00	55.00	61.00	68.00	64.00	68.00	55.00	59.00	57.00	63.00	55.00	53.00	60.50
1990	63.00	64.00	61.00	59.00	68.00	54.00	59.00	59.00	64.00	67.00	68.00	67.00	64.50
1991	73.00	72.00	66.00	68.00	67.00	65.00	70.00	70.00	80.00	75.00	75.00	72.00	72.00
1992	73.00	74.00	73.00	70.00	66.00	70.00	75.00	70.00	75.00	90.00	80.00	80.00	76.50
1993	85.00	80.00	72.00	70.00	71.00	79.00	63.00	66.00	79.00	73.00	83.00	72.00	74.50
1994	77.00	80.00	80.00	78.00	75.00	70.00	68.00	68.00	84.00	80.00	80.00	76.00	75.00
1995	75.00	82.00	75.00	73.00	79.00	79.00	73.00	60.00	60.00	70.00	75.00	75.00	72.00
1996	76.00	68.00	81.00	80.00	70.00	69.00	68.00	69.00	55.00	75.00	65.00	79.00	74.50
1997	79.00	79.00	84.00	89.00	85.00	71.00	75.00	60.00	79.00	88.00	88.00	85.00	80.50
1998	92.00	106.00	76.00	76.00	89.00	83.00	64.00	75.00	72.00	88.00	88.00	88.00	79.50
1999	93.00	93.00	81.00	91.00	91.00	90.00	80.00						

1/ June through May.

Table 88. **PRICES RECEIVED BY FARMERS:** Selected Commodities,
Monthly and Marketing Year Average, 1989 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
APPLES, COMMERCIAL CROP FRESH CONSUMPTION (Dollars per cwt.)													
1989	15.00	15.90	16.30	15.00	15.00	15.00	-	-	18.70	13.30	12.90	13.90	14.80
1990	14.00	14.60	15.40	15.00	15.00	-	-	-	22.20	15.50	15.70	16.10	17.80
1991	16.50	18.10	18.30	18.70	18.70	18.70	-	-	21.00	17.70	17.10	18.40	20.10
1992	20.00	22.20	20.80	21.50	21.50	21.50	-	-	16.20	14.40	15.10	13.60	14.20
1993	13.50	13.50	13.90	14.00	14.00	14.00	-	-	17.30	16.00	18.50	17.40	17.40
1994	16.80	17.40	17.40	17.90	18.00	18.00	-	-	16.70	16.40	16.90	14.10	18.00
1995	17.20	18.60	19.60	19.30	-	-	-	-	16.60	19.20	18.40	19.40	18.70
1996	18.30	19.30	18.90	18.30	18.20	-	-	-	19.30	18.20	18.40	17.30	17.70
1997	17.70	17.20	17.20	17.50	18.10	-	-	-	18.20	18.30	16.70	17.20	17.60
1998	17.50	17.50	17.80	17.50	18.70	-	-	-	17.60	17.70	16.60	14.50	15.80
1999	14.70	14.80	15.70	16.60	18.40	-	-	-					
ONIONS (Fresh Market) (Dollars per cwt. f.o.b. shipping point)													
1989	18.90	17.70	15.10	13.70	-	-	-	18.10	12.60	12.20	12.20	12.00	14.50
1990	13.70	15.50	20.00	19.50	-	-	-	14.60	12.20	11.20	11.30	11.90	13.90
1991	14.70	15.40	21.00	17.80	-	-	-	16.00	16.70	16.00	15.60	16.70	17.60
1992	17.00	19.00	23.70	25.40	-	-	-	27.20	19.10	14.30	13.80	17.40	17.10
1993	19.10	17.40	20.30	21.50	-	-	-	15.20	20.80	19.90	21.00	23.40	21.40
1994	24.80	28.00	24.00	13.30	-	-	-	12.90	12.90	13.90	12.20	11.60	13.00
1995	11.70	10.80	11.20	16.60	16.60	-	-	18.10	11.40	11.70	11.00	13.80	13.80
1996	14.90	22.40	11.40	9.35	-	-	-	13.50	13.50	12.50	10.20	9.90	9.77
1997	9.10	8.10	7.65	8.40	-	-	-	26.80	15.00	12.00	11.60	11.50	12.70
1998	11.50	12.80	14.50	15.30	-	-	-	31.40	17.40	15.00	14.30	17.10	15.30
1999	19.30	18.80	13.70	10.30	-	-	-						
POTATOES (Dollars per cwt.)													
1989	10.10	8.75	11.80	10.60	11.20	-	-	10.70	7.25	7.25	8.80	9.15	8.70
1990	9.85	9.35	8.95	10.20	9.95	-	-	7.60	6.85	6.75	7.20	7.30	7.40
1991	7.85	9.15	8.95	9.05	10.10	-	9.00	9.00	9.00	9.00	7.80	8.80	8.70
1992	8.70	8.65	8.75	9.15	9.30	-	-	6.95	6.30	5.95	6.80	6.45	6.65
1993	6.80	7.15	6.95	7.85	8.50	8.30	-	7.20	6.75	7.15	8.00	8.70	8.20
1994	9.20	9.65	9.95	10.70	10.80	10.80	-	14.00	11.00	9.20	9.45	9.25	9.75
1995	9.25	9.25	9.35	9.65	9.65	-	-	7.80	7.85	7.25	7.25	7.15	7.45
1996	7.30	7.90	8.35	8.35	-	-	-	7.25	7.25	7.00	6.80	6.70	7.30
1997	6.70	7.05	7.10	7.10	7.10	-	-	11.50	9.05	8.70	8.60	8.30	8.75
1998	8.05	8.00	8.40	8.40	9.85	-	-	9.50	9.40	9.40	9.40	8.90	9.45
1999	9.10	9.20	9.30	9.30	-	-	-						

1/ July through June.

Table 89. **PRICES RECEIVED BY FARMERS:** Selected Livestock Commodities,
Monthly and Marketing Year Average, 1989 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
BEEF CATTLE 2/ (Dollars per cwt.)													
1989	45.70	47.10	45.60	45.80	46.70	46.80	46.40	46.30	46.90	45.40	45.30	49.10	46.40
1990	49.50	48.90	49.40	49.70	50.60	55.60	53.60	53.70	53.70	52.60	48.60	49.90	51.10
1991	50.00	51.00	49.90	52.50	54.60	53.00	50.30	51.20	49.20	48.20	46.30	46.60	50.00
1992	46.40	48.20	48.00	48.00	50.80	50.30	49.70	48.50	48.80	47.90	45.70	47.30	48.20
1993	48.20	49.80	48.10	48.80	51.90	49.90	49.00	47.10	47.80	50.80	46.40	46.80	48.70
1994	48.40	48.10	47.10	47.30	45.30	42.60	42.00	41.30	41.90	41.30	40.50	39.90	43.90
1995	41.60	43.30	40.80	40.00	40.10	40.00	37.40	37.00	34.50	33.40	30.50	31.50	37.20
1996	31.40	32.50	31.00	31.10	32.20	30.70	30.80	31.70	30.70	30.50	29.00	30.50	31.00
1997	32.30	33.30	36.20	37.20	37.70	37.70	37.10	35.80	33.30	32.80	30.80	31.60	34.50
1998	31.60	34.60	35.10	35.70	36.60	36.60	33.70	33.20	31.40	30.70	30.90	31.70	33.80
1999	33.50	33.90	33.50	33.70	36.60	36.30							
STEERS AND HEIFERS (Dollars per cwt.)													
1989	55.90	58.80	57.30	58.10	58.30	57.90	56.40	57.10	57.00	56.40	53.70	57.30	57.00
1990	59.40	57.40	58.60	61.20	61.80	70.10	67.70	68.50	67.40	68.70	66.60	66.60	66.50
1991	66.60	67.30	66.90	69.10	68.90	65.30	64.30	63.50	63.10	62.20	60.60	59.20	64.40
1992	60.30	62.90	64.30	63.90	64.40	64.90	64.60	63.50	64.30	63.30	61.60	63.00	63.40
1993	66.50	69.50	67.90	69.00	69.10	66.20	66.00	64.50	65.40	63.30	61.00	63.20	66.20
1994	64.20	63.50	64.70	64.50	59.10	56.40	56.50	55.50	56.10	55.40	55.50	55.60	59.40
1995	58.40	59.60	57.20	55.00	55.40	54.60	53.00	54.60	52.00	48.00	46.00	47.00	52.50
1996	46.20	48.80	46.50	45.00	44.20	44.80	46.30	45.90	47.50	41.90	41.60	42.30	44.50
1997	48.50	48.70	51.30	53.00	52.20	52.90	54.50	60.90	51.50	47.70	44.70	44.00	50.30
1998	44.00	47.90	49.80	52.70	52.50	52.50	49.20	49.70	46.50	46.50	45.90	43.40	48.70
1999	50.20	49.20	51.70	52.30	52.80	52.70							
SLAUGHTER COWS (Dollars per cwt.)													
1989	45.10	46.60	45.00	44.70	46.00	46.10	45.80	45.70	46.10	44.90	44.80	48.60	45.70
1990	48.90	48.60	48.70	48.90	50.00	51.70	50.70	50.30	49.80	47.50	45.10	46.70	48.70
1991	46.60	48.30	47.50	48.50	51.30	50.70	47.50	48.40	46.50	44.60	43.20	43.90	47.00
1992	43.20	45.30	44.70	44.30	47.00	46.20	45.60	45.50	44.40	43.50	42.60	44.10	44.60
1993	45.20	47.40	44.90	43.70	48.10	47.50	46.70	45.00	43.70	43.20	42.00	42.70	45.00
1994	44.40	45.20	44.20	43.30	42.70	40.90	40.40	40.10	39.80	39.70	37.80	37.60	41.30
1995	39.10	41.10	38.60	37.90	37.60	37.80	35.50	35.00	32.50	31.40	28.80	29.80	35.30
1996	30.10	31.10	30.00	29.70	31.00	29.60	29.80	30.80	30.00	28.90	27.60	29.50	29.80
1997	30.90	32.10	34.50	35.60	35.70	35.80	35.40	32.70	31.30	30.80	29.20	30.40	32.80
1998	30.40	33.60	33.50	33.80	34.80	35.20	32.50	31.80	29.90	29.10	29.60	30.50	32.30
1999	32.00	32.40	31.90	31.60	35.00	35.10							

1/ January through December.

2/ Combined average prices for all slaughter cattle (*steers and heifers + slaughter cows*).

Table 89. **PRICES RECEIVED BY FARMERS:** Selected Livestock Commodities,
Monthly and Marketing Year Average, 1989 to Date *(Continued)*

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. ^{1/}
CALVES (Dollars per cwt.)													
1989	96.00	105.00	93.30	103.00	119.00	105.00	88.70	87.90	99.50	97.00	94.70	101.00	98.40
1990	105.00	102.00	94.00	117.00	124.00	121.00	108.00	106.00	113.00	93.00	76.10	83.20	104.00
1991	93.80	94.70	110.00	125.00	147.00	142.00	124.00	116.00	112.00	113.00	96.90	92.50	114.00
1992	102.00	110.00	107.00	115.00	107.00	106.00	104.00	90.20	100.00	101.00	89.60	95.80	102.00
1993	106.00	112.00	97.30	100.00	121.00	133.00	114.00	113.00	114.00	105.00	99.00	108.00	111.00
1994	105.00	106.00	96.00	99.00	112.00	112.00	85.00	87.00	84.00	89.50	83.00	80.00	95.80
1995	71.00	78.00	80.00	81.00	83.00	80.00	57.50	62.00	60.50	59.00	56.00	57.00	68.30
1996	52.00	48.00	43.20	51.40	60.40	44.90	33.20	36.70	37.80	41.40	46.00	35.40	40.00
1997	42.10	49.00	41.00	46.90	62.20	58.50	38.80	47.50	49.70	53.10	43.20	47.50	48.20
1998	47.50	58.00	51.50	56.70	64.10	53.00	47.40	50.30	44.30	50.00	50.80	53.10	51.90
1999	55.90	66.40	58.60	68.40	75.00	77.80							
MILK, WHOLESALE (Dollars per cwt.)													
1989	14.30	13.90	13.30	12.80	12.60	12.60	13.30	14.10	15.10	16.00	16.70	16.90	14.20
1990	16.40	15.50	14.80	13.90	13.90	14.40	15.00	15.50	15.40	14.30	13.80	12.20	14.60
1991	12.10	11.90	11.80	11.70	11.60	11.70	12.40	12.80	13.30	14.20	14.30	14.20	12.70
1992	13.80	13.20	12.60	12.90	12.90	13.40	13.60	13.80	14.00	13.90	13.60	13.20	13.40
1993	12.70	12.40	12.30	12.60	13.00	13.50	13.10	12.60	12.80	13.20	14.10	13.90	13.00
1994	14.00	13.70	13.80	13.80	13.40	13.00	12.40	12.70	13.20	13.30	13.50	13.20	13.30
1995	12.80	12.80	13.00	12.70	12.70	12.30	12.40	12.60	12.90	13.40	14.10	14.20	13.00
1996	14.20	13.90	13.90	13.90	14.30	14.70	15.50	15.70	16.30	16.30	15.50	14.40	14.90
1997	13.20	13.20	13.60	13.30	13.00	12.30	12.00	12.50	13.10	14.10	14.60	14.60	13.40
1998	14.70	14.90	14.70	14.20	13.40	14.00	14.00	15.30	16.60	17.50	17.70	18.20	15.40
1999	18.00	15.80	15.80	12.20	12.60	12.80							
MILK COW HERD REPLACEMENTS (Dollars per head)													
1989	920	930	960	960	950	960	960	950	960	990	1,010	1,020	960
1990	1,050	1,070	1,070	1,070	1,070	1,080	1,100	1,130	1,140	1,160	1,150	1,060	1,100
1991	1,030	1,010	1,000	1,020	1,030	1,040	1,040	1,050	1,050	1,040	1,030	1,040	1,030
1992	1,050	1,060	1,050	1,060	1,070	1,070	1,080	1,090	1,090	1,090	1,090	1,090	1,070
1993	1,080	1,080	1,090	1,090	1,090	1,090	1,100	1,110	1,110	1,110	1,090	1,100	1,100
1994	1,100	1,100	1,090	1,090	1,110	1,110	1,090	1,090	1,080	1,080	1,090	1,100	1,090
1995	1,100	1,110	1,110	1,110	1,110	1,120	1,110	1,090	1,080	1,050	1,030	1,010	1,090
1996 ^{2/}	1,010	-	-	1,000	-	-	1,000	-	-	1,030	-	-	1,010
1997	1,000	-	-	1,000	-	-	1,000	-	-	980	-	-	1,000
1998	980	-	-	1,000	-	-	1,020	-	-	1,050	-	-	1,010
1999	1,150	-	-	1,150	-	-	1,200	-	-				
TABLE EGGS (Cents per dozen)													
1989	53.3	54.9	74.7	61.2	56.4	57.2	57.4	66.6	67.6	68.0	76.1	86.1	62.2
1990	76.9	66.3	74.7	64.0	51.6	54.4	51.2	59.0	62.6	69.0	70.9	74.0	65.7
1991	71.5	61.7	77.9	60.0	52.0	48.6	64.2	53.0	55.3	58.1	58.3	67.2	61.5
1992	52.5	44.3	48.1	49.8	42.3	49.2	42.3	48.6	54.4	53.8	62.2	60.3	51.3
1993	61.4	54.7	76.3	59.9	53.1	60.4	49.9	56.7	49.3	56.4	59.0	58.3	58.1
1994	52.2	59.3	64.9	54.4	53.7	46.7	48.7	56.5	58.5	52.5	55.9	58.4	55.1
1995	54.5	54.8	53.1	55.4	48.4	54.1	69.1	62.4	67.1	70.8	80.7	82.8	61.0
1996	88.1	73.0	79.4	72.3	66.8	66.9	70.9	76.6	77.1	74.0	85.0	90.0	76.1
1997	74.6	67.8	66.0	60.6	60.7	54.3	60.2	55.2	62.0	62.2	75.0	72.3	65.3
1998	70.3	57.3	65.3	56.4	46.0	52.0	53.0	60.0	65.2	61.6	69.2	71.7	61.0
1999	69.8	60.2	63.6	51.0	44.4	40.5	52.1						

^{1/} Milk: January through December. Eggs: previous December through November.^{2/} Beginning 1996, estimates made quarterly (January, April, July and October).

Table 90. **PRICES RECEIVED BY FARMERS:** Selected Commodities,
Marketing Year Average, 1989-1998

Year	Hogs	Sheep	Lambs
	<i>Dollars per cwt.</i>		
1989	39.50	24.30	72.00
1990	49.40	21.50	58.90
1991	45.40	19.80	54.40
1992	38.10	26.80	66.30
1993	40.80	25.50	67.30
1994	36.70	25.10	68.50
1995	36.90	31.40	89.60
1996	43.20	30.10	89.60
1997	45.40	40.20	100.00
1998	31.70	37.30	86.70

Table 91. **PRICES PAID BY FARMERS:** Fertilizer, Northeast 1/, 1989-1999

Year	5-10-10	10-10-10	10-20-20	15-15-15	Super Phosphate 44-46%	Urea 45-46% N	Ground limestone spread on field
	<i>Dollars per ton</i>						
1989	157	171	207	205	242	227	24.30
1990	158	172	199	197	207	215	25.30
1991	167	180	205	205	225	243	23.10
1992	152	165	194	193	216	221	25.70
1993	155	163	185	186	201	226	26.60
1994	155	168	192	197	215	233	27.10
1995 <u>2/</u>	165	179	223	229	254	316	22.30
1996	179	185	228	233	265	328	23.30
1997	158	178	225	230	266	287	27.60
1998	158	176	225	220	264	221	29.80
1999	165	173	211	193	264	180	25.40

1/ Northeast region includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.2/ Prices prior to 1995 are annual averages. Beginning 1995, prices refer to April 1.

Table 92. **PRICES PAID BY FARMERS:** Selected Feeds and Fuels, Northeast 1/, 1989-1999

Year	Beef Cattle Concentrate, 32-36% Protein	Mixed Dairy Feed, 16% Protein	Mixed Hog Feed, 14-18% Protein	Chick Starter Mash	Complete Laying Feed
	<i>Dollars per ton</i>				
1989	296	189	226	237	207
1990	284	177	219	229	194
1991	273	172	211	202	188
1992	270	174	215	218	194
1993	278	171	210	213	201
1994	280	181	220	208	211
1995 <u>2/</u>	255	175	207	199	199
1996	287	226	254	293	243
1997	324	216	256	297	260
1998	278	199	241	280	216
1999	276	175	227	254	210

Year	Bran	Corn Meal	Soybean Meal, 44% Protein	Molasses, Liquid	Stock Salt
	<i>Dollars per cwt.</i>				
1989	10.35	8.75	15.88	7.88	9.40
1990	10.18	8.88	13.25	8.20	9.60
1991	9.93	8.40	12.90	8.38	9.75
1992	10.13	8.60	12.70	8.50	9.70
1993	10.25	8.33	13.35	8.90	9.60
1994	10.35	9.28	14.10	8.88	10.15
1995 <u>2/</u>	10.00	8.40	12.80	9.20	10.60
1996	12.50	11.30	15.80	9.40	10.20
1997	13.20	10.90	18.00	9.40	10.80
1998	12.60	10.20	14.20	9.40	11.00
1999	12.30	8.50	12.20	9.30	10.80

Year	Gasoline, Unleaded, Bulk Delivery <u>3/</u>	Gasoline, Unleaded, at Service Station	Diesel Fuel, Bulk Delivery	L-P Gas, Per Gallon
	<i>Dollars per gallon</i>			
1989	1.050	1.050	.828	.905
1990	1.190	1.160	1.080	1.180
1991	1.250	1.230	.995	1.090
1992	1.180	1.170	.910	1.100
1993	1.200	1.140	.900	1.110
1994	1.135	1.108	.853	1.078
1995 <u>2/</u>	1.170	1.150	.850	1.100
1996	1.300	1.230	1.020	1.170
1997	1.330	1.260	.960	1.210
1998	1.170	1.080	.810	1.050
1999	1.170	1.100	.750	1.020

1/ Northeast region includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.2/ Prices prior to 1995 are annual averages. Beginning 1995, prices refer to April 1.3/ Prices prior to 1993 represent gasoline, regular, bulk delivery.

Table 93. **AGRICULTURAL LABOR:** Wage Rates for Hired Workers, Number of Workers, and Hours Worked, January, April, July, October, and Annual, 1995 to Date 1/

Year		Wage Rates by Type of Work				Number of hired workers	Hours worked per week by hired workers
		All hired workers	Field and livestock workers	Field workers	Livestock workers		
		<i>Dollars per hour</i>				<i>1,000</i>	<i>Hours</i>
<u>NORTHEAST 1</u>							
<u>January</u>	1995	7.04	6.46	7.40	5.87	36.0	40.2
	1996	7.12	6.30	7.53	5.63	28.0	40.3
	1997	7.45	6.82	7.78	6.28	29.0	38.6
	1998	7.54	6.96	8.60	6.22	32.0	38.0
	1999	7.75	7.20	8.08	6.61	30.0	37.5
<u>April</u>	1995	7.08	6.30	6.90	5.71	42.0	40.2
	1996	7.27	6.93	7.47	6.20	33.0	40.9
	1997	7.22	6.59	7.11	5.67	40.0	41.0
	1998	7.55	7.29	8.01	6.09	37.0	37.6
	1999	8.34	7.92	8.18	7.34	40.0	38.0
<u>July</u>	1995	6.77	6.23	6.58	5.71	53.0	41.3
	1996	6.98	6.55	6.80	5.97	49.0	39.1
	1997	7.15	6.81	6.99	6.41	49.0	37.2
	1998	7.58	7.12	7.27	6.80	48.0	39.7
<u>October</u>	1995	6.87	6.47	6.70	5.98	49.0	41.7
	1996	7.36	6.92	7.21	6.28	52.0	40.7
	1997	7.49	7.09	7.39	6.45	46.0	40.4
	1998	7.82	7.32	7.52	6.90	43.0	39.6
<u>Annual</u>	1995	6.92	6.36	6.80	5.81	<u>3/</u>	<u>3/</u>
	1996	7.19	6.71	7.14	<u>2/</u>	40.5	40.2
	1997	7.63	6.84	7.23	<u>2/</u>	41.0	39.3
	1998	7.63	7.18	7.65	<u>2/</u>	40.0	38.9
<u>NEW YORK</u>							
<u>Annual</u>	1995	6.54	6.20	6.68	<u>2/</u>	22.3	42.4
	1996	6.73	6.27	6.55	<u>2/</u>	20.5	41.1
	1997	7.21	6.80	7.32	<u>2/</u>	20.0	41.4
	1998	7.10	6.93	7.25	<u>2/</u>	20.5	39.7

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites. Northeast I is New York and New England combined.

2/ Insufficient data for this category.

3/ Data not available.

Table 94. **COLD STORAGE CAPACITY:** Number of Refrigerated Warehouses and Gross Refrigerated Space, by Type, October 1, 1981-1997

Category	1981	1983	1985	1987	1989	1991	1993	1995	1997
<i>Number</i>									
REFRIGERATED WAREHOUSES:									
Public	42	43	38	36	42	41	35	34	35
Private and semi-private	78	86	77	73	66	64	62	56	51
Apple Storages:									
All (Regular and CA) ^{1/}	194	186	185	186	187	169	174	172	156
CA (Controlled Atmosphere)	101	101	100	104	106	97	101	100	95
TOTAL	314	315	300	295	295	274	271	262	242
<i>1,000 cu. ft.</i>									
GROSS REFRIGERATED SPACE:									
General Storages:									
Public	40,842	43,810	37,562	48,897	57,910	61,128	53,487	50,364	53,708
Private and Semi-Private	20,320	21,989	20,610	25,275	32,888	31,169	29,003	34,693	30,782
Apple Storages:									
All (Regular and CA)	30,345	30,507	32,232	31,021	32,782	29,489	31,285	32,113	34,664
TOTAL ^{2/}	91,597	96,307	90,404	105,193	123,580	121,786	113,774	117,170	119,154
<i>1,000 bushels</i>									
Apple Storages:									
CA (Controlled Atmosphere)	5,162	5,649	5,970	5,877	6,048	5,750	6,170	6,429	6,996

^{1/} Firms with both regular and CA storage are counted once.^{2/} Total may not add due to rounding.Table 95. **COLD STORAGE CAPACITY:** Refrigerated Space by Type of Warehouse and Total Capacity, October 1, 1997

Type of Refrigerated Warehouse	Storages	Gross Space			Usable Space		
		Cooler	Freezer	Total	Cooler	Freezer	Total
	<i>Number</i>	<i>1,000 cu. ft.</i>					
<u>GENERAL STORAGES:</u>							
Public	35	11,482	42,227	53,708	8,084	29,162	37,246
Private and semi-private	51	14,295	16,487	30,782	11,563	12,179	23,743
<u>APPLE STORAGES:</u>							
<i>All (Regular and CA)</i>	156	34,664	-	34,664	30,332	-	30,332
TOTAL <u>1/</u>	242	60,441	58,714	119,154	49,979	41,341	91,320

^{1/} Total may not add due to rounding.

1998 WEATHER SUMMARY

JANUARY was warm and wet. Temperatures averaged 8.1 degrees warmer than normal, making it the ninth warmest January in the last 104 years. Precipitation totals averaged 5.18 inches. This was 201% of normal and the third wettest January on record. Some of the precipitation fell in the form of freezing rain for an extended period of time between the fourth and ninth. This resulted in one of the most catastrophic ice storms ever to have occurred in the state. Ice accumulations reached 2 to over 3 inches.

FEBRUARY was New York's second warmest February since records began in 1895. The monthly average temperature of 30.4 degrees was 8.9 degrees warmer than normal. Precipitation totaled 2.40 inches, 99% of normal.

MARCH was 3.3 degrees warmer than normal. This was the eighteenth warmest March in 104 years of record. At least 19 cities in the northeast set records for their warmest temperatures ever recorded during the month of March. Precipitation totaled 3.62 inches, 127% of normal.

APRIL temperatures averaged 2.9 degrees warmer than normal. Precipitation totaled 3.10 inches, .20 inches below average.

MAY was the sixth consecutive month with warmer-than-normal temperatures. The month averaged 6.2 degrees warmer than normal for the second warmest May in 104 years of record. Precipitation during May averaged very close to normal.

JUNE extended the string of consecutive warm months to seven. Average temperature was 0.7 degrees warmer than normal. June's average of 6.63 inches of precipitation was 173% of normal. This was sufficient to make it the third wettest June on record.

JULY temperatures averaged quite close to normal. All of the state's climatological divisions, except the Coastal Division, had monthly average temperatures that were within one degree of the long-term normal. The Coastal Division was 1.2 degrees warmer than normal. Precipitation was below normal from the Mohawk Valley through the Hudson Valley, Eastern Plateau and Coastal Division. The rest of the state experienced wetter than normal conditions.

AUGUST average temperatures were 2.5 degrees warmer than normal. Dry conditions were prominent across most of the state. The Eastern Plateau was the driest division, reporting 53% of the normal August precipitation and recording their eighth driest August in 104 years of record. New York State overall received an average of 87% of the

normal precipitation for the month.

SEPTEMBER average temperature was 2.8 degrees warmer than normal and the fourteenth warmest September in 104 years of record. Figures indicate that for the first nine months of 1998, New York has averaged 3.6 degrees warmer than normal and stands second to only 1921 on the list of New York's warmest January-September periods. Precipitation totals were drier than normal everywhere except the northern portion of the state. The state average was 2.72 inches, which was 72% of normal.

OCTOBER temperatures averaged 1.9 degrees warmer than normal. Precipitation averaged 85% of normal. The Mohawk Valley was the driest division with 64% of their normal October accumulation. The Hudson Valley, meanwhile, was the only wetter than normal division, with 112% of the long-term mean.

NOVEMBER temperatures averaged 1.3 degrees warmer than normal. Preliminary figures indicate that this January through November was the warmest such period in 104 years of record. Precipitation was well below normal. The state averaged just 45% of the normal November total. This was the state's eighth driest November on record and the driest since 1976.

DECEMBER was the second warmest December on record. The monthly average temperature of 33.3 degrees was 7.8 degrees warmer than normal. December was a very dry month. Overall, the state recorded its eighth driest December on record and the driest since 1989. The state averaged only 1.62 inches of precipitation. This monthly total represented just under half (49%) of the normal monthly amount.

1998 SUMMARY

The statewide annual average temperature of 48.6 degrees (3.5 degrees warmer than normal) made 1998 the warmest year on record in New York state. The previous record was 48.1 degrees in 1949.

Precipitation for the year averaged close to normal. This was due to a very wet first 6 months of the year (134% of normal; second wettest on record) and a very dry last 6 months (75% of normal; eighth driest on record). The statewide annual average of 41.08 inches was just 0.89 inches more than the annual normal.

Figure 3.
AVERAGE DATE OF THE LAST
SPRING 32°F FREEZE

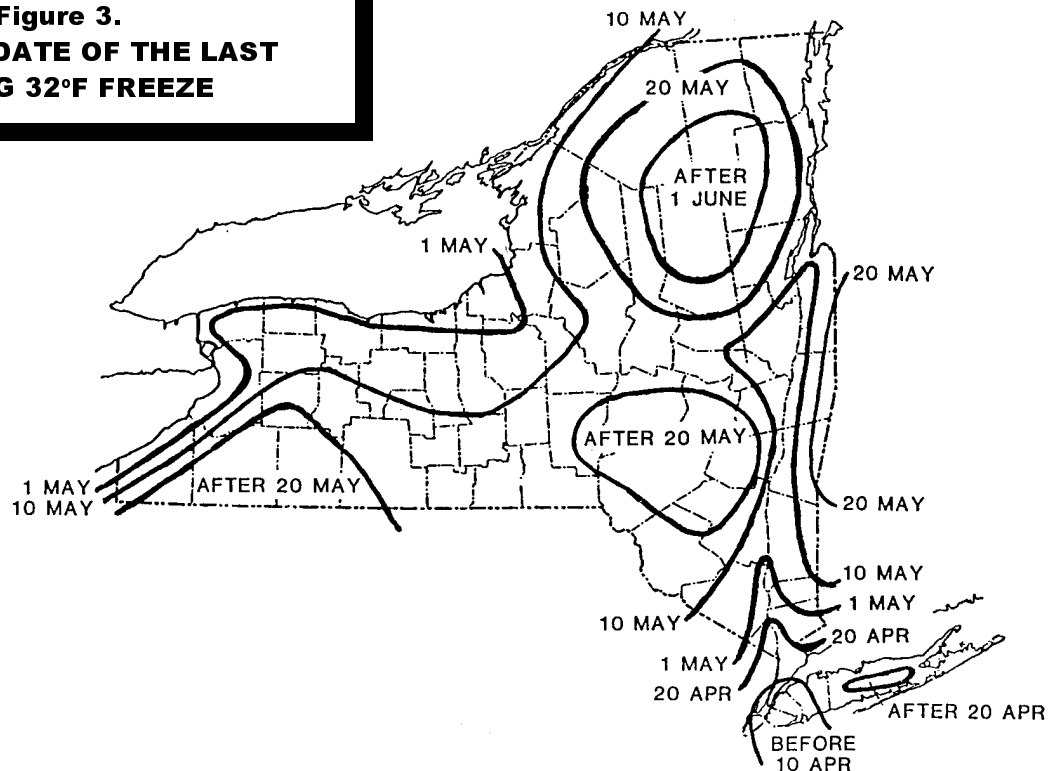


Figure 4.
AVERAGE DATE OF THE FIRST
AUTUMN 32°F FREEZE

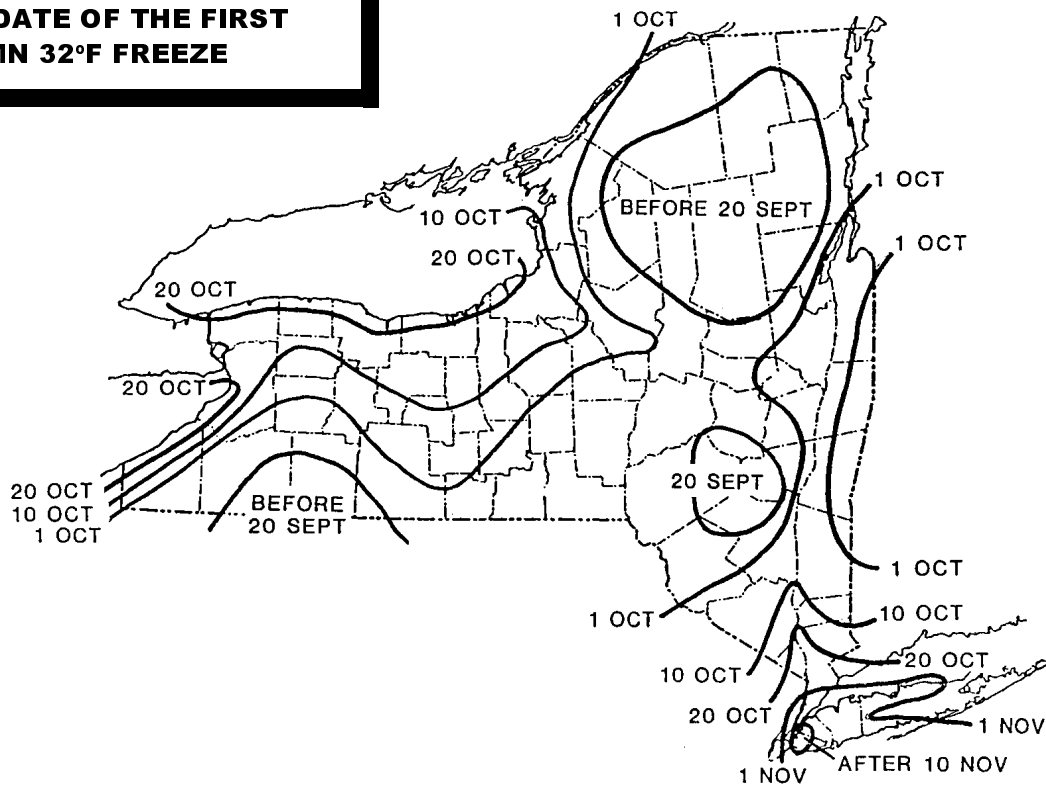


Table 96. **TEMPERATURE:** Departures From Normal by Months at Selected Stations, 1998

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	8.4	8.3	4.1	2.4	5.3	-0.6	-0.9	1.5	1.9	0.5	0.2	7.2
Batavia	8.0	8.8	3.6	2.1	6.5	0.7	-0.4	1.9	2.8	1.8	1.0	7.9
Binghamton	9.7	8.4	3.8	1.8	5.4	-1.2	-1.5	1.6	3.2	0.4	0.8	6.6
Bridgehamton	7.4	5.6	1.9	1.2	2.6	-0.6	0.3	0.7	1.8	0.5	-1.1	3.7
Buffalo	7.5	9.6	2.7	1.6	6.2	-0.6	-1.5	2.2	1.8	1.5	1.5	6.2
Canton	4.0	8.6	3.8	4.2	6.9	1.6	0.2	1.6	1.4	1.4	1.3	9.7
Chazy	3.5	7.2	2.7	3.4	7.2	1.2	0.1	1.5	3.4	2.4	2.6	8.9
Coopertown	8.4	<u>1/</u>	3.3	2.6	5.6	0.9	-0.5	1.5	2.7	1.0	1.3	7.0
Dansville	7.8	8.6	2.6	2.3	6.3	0.3	-1.0	1.5	2.2	0.5	-4.7	5.9
Elmira	8.7	9.5	3.7	3.2	7.4	1.7	0.1	3.3	3.8	1.7	-0.1	6.3
Fredonia	8.6	9.6	3.9	1.8	6.4	1.1	-0.5	2.6	3.4	2.1	2.6	7.3
Geneva	7.3	7.5	2.8	2.4	6.9	0.2	-0.5	1.3	2.1	1.8	0.2	7.2
Glens Falls	10.2	8.8	4.3	3.2	6.2	0.7	-0.3	2.2	2.2	2.0	1.3	6.7
Gloversville	7.4	8.3	2.1	2.1	5.3	-0.4	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Ithaca	<u>1/</u>	7.8	3.2	2.4	6.2	0.7	-0.2	2.6	3.0	1.0	0.6	6.3
Liberty	9.2	8.6	2.6	1.9	4.4	-1.5	-1.5	1.3	2.9	1.6	<u>1/</u>	<u>1/</u>
Little Valley	8.6	9.7	1.9	1.1	5.3	-1.0	-1.8	1.4	0.4	-0.2	-0.8	5.2
Lowville	7.4	9.3	2.5	3.2	6.0	0.5	-1.0	0.8	1.6	0.9	0.5	8.1
Massena	5.0	8.2	5.0	5.8	8.2	3.3	0.5	2.9	2.8	2.6	3.9	9.3
New York City	8.5	7.0	3.0	1.5	1.6	-2.4	-0.3	1.2	2.0	0.1	0.5	6.6
Riverhead	8.7	7.7	3.5	<u>1/</u>	3.7	0.3	2.0	<u>1/</u>	4.2	2.5	1.4	6.4
Rochester	8.0	8.0	3.8	1.8	5.8	0.6	-0.6	1.8	1.0	0.1	1.3	5.5
Syracuse	7.2	7.2	4.0	2.4	5.8	1.0	-0.3	2.7	2.5	1.2	1.2	7.1
Utica	8.8	9.5	4.8	3.2	7.0	1.2	-0.1	<u>1/</u>	3.0	2.6	2.5	9.0
Watertown	7.6	9.3	3.5	2.2	5.8	2.0	-0.4	1.3	1.1	1.2	0.9	8.5

Table 97. **PRECIPITATION:** Departures From Normal by Months at Selected Stations, 1998

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	1.44	0.31	-0.07	0.50	2.46	2.96	-0.44	-1.26	-0.97	1.31	-1.58	-1.89
Batavia	<u>1/</u>	-0.86	1.29	-1.22	1.08	2.17	2.05	-0.88	-1.33	-0.47		-0.41
Binghamton	0.71	2.15	0.46	1.41	2.62	1.64	-1.13	-1.80	-0.73	0.19	-1.85	-1.41
Bridgehamton	0.41	2.77	2.24	3.52	2.91	3.33	-1.66	0.22	0.37	0.07	-3.17	-2.85
Buffalo	2.91	-0.03	1.18	-0.33	0.59	-0.68	1.31	-2.43	-1.06	-0.99	-2.22	-2.13
Canton	3.53	-0.37	0.56	-1.63	-1.85	2.99	1.75	1.36	-0.63	-0.79	-1.81	-1.12
Chazy	3.66	<u>1/</u>	<u>1/</u>	-0.82	-0.65	4.73	1.31	0.34	1.59	0.18	-2.14	-2.11
Coopertown	2.91	1.03	0.30	0.74	-0.34	3.21	0.64	0.75	-1.23	-0.33	-1.64	-1.47
Dansville	0.45	0.21	<u>1/</u>	-0.46	-0.16	0.70	1.98	-0.80	0.18	-0.73	-2.22	-1.06
Elmira	0.87	0.69	1.57	1.40	0.69	2.62	1.27	-2.02	-0.61	0.28	-2.02	-1.45
Fredonia	3.31	-0.51	1.03	1.22	-0.03	-0.23	-0.93	-0.93	-2.53	-0.97	-2.56	<u>1/</u>
Geneva	3.02	0.32	1.33	-0.14	-0.17	1.09	0.71	-0.45	-1.02	-1.19	-2.15	<u>1/</u>
Glens Falls	1.73	-0.99	1.23	-0.12	1.03	5.02	-0.08	0.52	-1.82	-0.33	-0.87	-1.77
Gloversville	2.49	-0.53	-0.21	-1.23	-1.81	4.37	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Ithaca	<u>1/</u>	-0.93	0.88	1.25	-0.21	1.34	-0.92	<u>1/</u>	-1.21	-0.23	-1.83	-1.36
Liberty	<u>1/</u>	-1.17	<u>1/</u>	0.56	2.73	2.83	0.05	-3.32	-1.04	0.34	-2.00	<u>1/</u>
Little Valley	2.94	<u>1/</u>	1.16	-1.25	-0.92	-0.08	1.07	-1.18	-2.49	-1.45	-2.03	-1.58
Lowville	<u>1/</u>	-0.55	0.51	-1.73	-0.32	1.83	-1.04	2.66	-1.61	-0.98	-1.21	-1.90
Massena	3.29	-0.62	1.20	-1.45	0.03	1.74	-0.13	-1.00	1.02	-0.49	-1.90	-1.33
New York City	1.78	2.54	1.00	2.85	2.52	2.27	-3.26	-1.23	-0.45	-0.80	-2.99	-2.79
Riverhead	1.86	1.33	2.97	<u>1/</u>	3.04	3.05	-0.19	<u>1/</u>	-0.16	-1.16	-2.24	-3.00
Rochester	3.55	0.24	1.22	-0.80	-0.09	4.11	3.38	1.99	0.03	-0.99	-1.51	-1.13
Syracuse	2.42	0.99	0.17	-1.24	-0.91	0.83	-0.18	1.26	-1.38	-0.71	-1.66	-1.46
Utica	1.56	0.10	-0.89	-1.48	-0.90	1.59	-0.20	<u>1/</u>	-2.01	-1.21	-2.13	-2.11
Watertown	4.30	0.27	1.51	-1.20	-0.57	2.12	-0.21	1.48	-0.41	0.37	-1.81	-0.90

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

Table 98. **TEMPERATURE:** Monthly Average Temperatures at Selected Stations, 1998

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	29.0	31.8	38.4	48.8	62.9	66.3	70.9	71.1	63.2	50.7	39.9	33.7
Batavia	31.4	33.4	38.2	48.2	64.0	67.2	70.4	70.6	64.9	53.4	41.7	36.5
Binghamton	30.8	31.1	36.4	46.2	61.2	63.0	67.7	68.8	62.8	49.2	39.1	33.1
Bridgehamton	37.3	36.7	40.1	47.8	58.8	64.9	71.8	71.7	65.9	54.5	43.9	38.9
Buffalo	31.1	34.1	36.5	46.8	62.8	65.3	69.6	71.2	63.7	52.6	42.0	35.3
Canton	18.8	25.1	32.4	46.3	61.2	64.8	68.4	67.6	59.5	48.3	37.3	30.6
Chazy	19.6	25.3	32.2	46.5	62.6	65.6	69.3	68.1	61.7	49.9	38.8	31.1
Coopertown	28.8	30.1	35.6	46.1	60.5	64.1	67.3	67.7	61.6	49.4	39.3	32.8
Dansville	31.6	33.5	37.0	47.7	62.8	65.8	69.3	70.0	63.6	51.3	36.2	35.4
Elmira	31.5	33.5	37.7	48.3	63.3	66.4	69.8	71.0	64.1	50.7	39.5	34.7
Fredonia	33.5	35.2	39.2	47.9	63.6	67.5	70.4	71.8	66.6	55.0	45.0	38.2
Geneva	29.6	30.8	36.0	47.3	63.0	65.4	69.9	69.9	63.4	52.0	40.2	35.2
Glens Falls	27.2	28.8	36.2	47.8	62.0	65.4	69.5	69.6	61.2	49.7	38.5	30.6
Gloversville	25.4	28.2	32.9	46.1	61.0	64.1	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Ithaca	<u>1/</u>	30.4	36.1	46.4	61.2	64.6	68.4	69.5	62.8	50.0	39.8	33.9
Liberty	29.6	31.1	34.8	45.6	58.9	61.4	66.3	67.3	61.3	49.4	<u>1/</u>	<u>1/</u>
Little Valley	29.3	31.2	33.1	43.6	58.5	61.1	64.8	66.5	58.8	47.7	37.1	31.9
Lowville	23.0	26.6	31.3	45.1	59.9	63.4	66.5	66.1	58.9	47.6	35.9	30.3
Massena	19.3	24.7	33.3	48.5	63.4	67.2	69.7	69.4	60.8	49.6	39.2	29.5
New York City	40.0	40.6	45.4	54.0	64.3	69.2	76.5	76.7	70.2	57.6	48.1	43.2
Riverhead	39.1	39.3	43.1	<u>1/</u>	63.0	68.7	75.5	<u>1/</u>	70.1	58.1	47.3	42.1
Rochester	31.6	32.6	38.1	47.7	62.9	65.7	69.6	69.8	62.7	51.2	41.8	34.6
Syracuse	29.6	31.2	37.9	48.1	62.9	66.3	70.1	71.1	64.0	51.9	41.7	35.4
Utica	28.9	31.3	37.0	47.9	63.3	66.1	70.1	<u>1/</u>	63.3	51.7	41.1	34.8
Watertown	25.5	28.6	34.4	45.4	60.0	64.8	68.2	68.1	60.3	49.6	38.8	32.6

Table 99. **PRECIPITATION:** Monthly Precipitation at Selected Stations, 1998

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	3.80	2.58	2.86	3.49	5.87	6.58	2.74	2.21	1.98	4.14	1.65	1.04
Batavia	5.08	0.97	3.31	1.85	4.39	5.93	5.02	2.96	2.32	2.49	1.90	2.05
Binghamton	3.11	4.48	3.28	4.54	5.98	5.24	2.37	1.56	2.59	3.08	1.43	1.59
Bridgehamton	6.56	6.62	6.35	7.49	6.73	6.92	1.34	3.67	3.83	3.46	1.36	1.46
Buffalo	5.61	2.28	3.86	2.54	3.73	2.87	4.39	1.74	2.43	2.10	1.61	1.54
Canton	5.44	1.50	2.67	1.22	1.13	6.27	5.12	5.54	3.22	2.46	1.62	1.64
Chazy	5.16	0.31	0.27	1.75	2.31	7.77	4.69	4.42	4.68	3.07	0.68	0.25
Coopertown	5.34	3.20	3.34	4.03	3.31	7.39	4.16	4.25	2.49	2.72	1.75	1.62
Dansville	1.85	1.67	1.39	2.35	2.75	4.51	5.01	2.42	3.54	1.89	0.44	1.07
Elmira	2.66	2.69	3.89	4.09	3.89	6.38	4.64	1.03	2.47	3.08	0.93	0.86
Fredonia	5.57	1.57	3.66	4.38	3.10	3.43	2.67	3.04	2.12	2.94	1.69	2.45
Geneva	4.78	2.10	3.39	2.77	2.83	4.76	3.66	2.69	2.20	2.57	0.91	0.80
Glens Falls	4.33	1.28	4.12	2.86	4.63	8.20	2.88	4.17	1.27	1.70	2.21	1.20
Gloversville	5.33	2.12	3.08	2.31	2.19	8.40	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Ithaca	<u>1/</u>	2.93	3.15	4.16	3.10	5.11	2.53	1.99	2.32	3.02	1.25	1.21
Liberty	4.48	2.09	4.08	4.92	7.36	7.41	4.31	1.10	2.87	4.06	2.27	<u>1/</u>
Little Valley	6.34	1.75	4.62	2.57	3.02	4.47	5.10	3.29	2.19	2.62	2.05	3.17
Lowville	6.82	1.95	3.29	1.37	2.73	5.35	2.29	6.46	2.16	2.44	2.86	1.79
Massena	5.42	1.37	3.35	1.20	2.56	4.88	3.04	2.74	4.51	2.32	1.23	1.86
New York City	5.20	5.81	5.08	7.05	6.94	5.94	1.09	2.78	3.44	2.76	1.48	1.12
Riverhead	<u>1/</u>	4.90	6.88	<u>1/</u>	6.83	6.72	3.16	<u>1/</u>	3.03	2.35	2.06	1.14
Rochester	5.63	2.34	3.50	1.81	2.63	7.11	6.09	5.39	3.00	1.45	1.41	1.60
Syracuse	4.76	3.14	2.94	2.09	2.37	4.62	3.63	4.77	2.41	2.53	2.06	1.74
Utica	5.03	3.12	2.56	2.08	2.77	5.69	3.61	<u>1/</u>	2.32	2.16	2.14	2.13
Watertown	6.83	2.29	3.72	1.31	2.12	4.81	1.73	4.76	2.85	3.13	1.50	1.94

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

Table 100. **TEMPERATURE:** Average Monthly Soil Temperatures at Selected Stations, January-December 1998

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Degrees F.</i>												
<u>HUDSON VALLEY</u>												
<u>Valatie</u>												
4" Max.	32.1	30.6	36.8	51.4	66.5	71.0	76.6	77.8	69.8	56.4	43.1	37.9
4" Min.	31.7	30.1	34.2	45.6	59.4	65.3	70.4	71.4	63.8	52.8	41.0	36.2
8" Max.	33.1	32.0	36.4	49.8	63.3	68.9	74.5	75.4	<u>1/</u>	<u>1/</u>	44.7	39.9
8" Min.	32.9	32.0	<u>1/</u>	47.3	60.0	66.5	71.9	72.9	<u>1/</u>	<u>1/</u>	43.3	38.7
<u>ST. LAWRENCE VALLEY</u>												
<u>Canton</u>												
4" Max.	32.2	31.4	33.7	50.9	65.6	70.5	75.1	74.3	67.2	56.0	44.3	39.7
4" Min.	31.7	30.2	32.6	43.4	56.3	63.4	67.9	67.8	61.9	51.5	41.8	37.1
8" Max.	32.3	31.4	33.0	47.4	60.3	65.9	71.2	71.0	64.7	54.4	43.4	39.2
8" Min.	32.2	30.9	32.4	44.0	56.2	63.1	67.9	67.8	62.2	52.1	42.3	37.8
<u>CENTRAL LAKES</u>												
<u>Ithaca</u>												
4" Max.	<u>1/</u>	31.1	36.1	47.2	60.7	63.5	68.8	69.6	64.6	52.9	41.5	37.3
4" Min.	<u>1/</u>	30.5	33.2	41.3	54.6	58.8	63.9	64.1	59.6	49.6	39.0	34.7
8" Max.	<u>1/</u>	37.1	41.3	52.3	65.6	69.8	75.3	75.8	71.3	60.5	49.0	44.9
8" Min.	<u>1/</u>	36.8	39.3	48.8	61.9	67.0	72.2	72.7	68.4	58.5	47.6	43.2

1/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

Table 101. **HEATING DEGREE DAYS:** Selected Stations, January-December, 1998 1/

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	1,112	924	828	478	98	84	2	10	99	435	746	964
Batavia	1,037	878	836	498	96	80	1	12	78	359	690	875
Binghamton	1,052	942	893	554	151	140	17	26	120	483	772	982
Bridgehamton	852	786	764	511	202	84	3	3	50	319	626	803
Buffalo	1,045	862	878	538	96	104	0	9	88	378	682	912
Canton	1,426	1,113	1,008	553	144	106	30	43	177	512	823	1,057
Chazy	1,407	1,103	1,007	549	84	81	8	22	117	463	779	1,042
Coopertown	1,115	973	909	563	154	122	18	28	133	474	763	991
Dansville	1,027	876	867	513	102	99	10	22	114	419	857	912
Elmira	1,032	879	842	499	99	90	8	20	100	437	759	930
Fredonia	968	829	809	504	97	86	3	9	52	309	592	823
Geneva	1,088	952	906	523	111	94	10	25	104	397	738	916
Glens Falls	1,153	1,008	874	509	96	99	7	14	139	466	791	1,060
Gloversville	1,221	1,024	986	562	140	119	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
Ithaca	<u>2/</u>	963	896	555	134	116	25	34	132	459	750	956
Liberty	1,092	942	928	581	197	162	28	26	147	479	<u>2/</u>	<u>2/</u>
Little Valley	1,101	941	926	636	204	166	56	54	201	530	831	1,016
Lowville	1,294	1,069	1,038	589	162	127	31	54	196	533	866	1,066
Massena	1,405	1,106	976	487	88	66	8	14	143	473	767	1,091
New York City	768	676	635	322	99	29	0	0	20	222	499	670
Riverhead	796	713	670	<u>2/</u>	103	35	0	0	17	213	523	701
Rochester	1,029	901	837	513	109	99	4	14	115	424	690	935
Syracuse	1,089	941	844	500	102	96	3	13	89	403	692	911
Utica	1,109	936	873	502	92	99	1	<u>2/</u>	<u>2/</u>	409	711	929
Watertown	1,215	1,011	946	580	161	103	13	36	165	479	779	1,000

1/ One heating degree day is accumulated for each whole degree that the daily mean temperature is below 65 degrees Fahrenheit.2/ Data not available.

Weather information and data furnished in cooperation by National Weather Service, NOAA, U.S. Dept. of Commerce.

Table 102. **POPULATION:** Resident Population, July 1,
New York and United States, 1988-1998

Year	New York	United States
	<i>Thousands</i>	
1988	17,909	245,785
1989	17,950	248,239
1990	18,002	249,439
1991	18,028	252,127
1992	18,079	254,995
1993	18,139	257,746
1994	18,152	260,289
1995	18,145	262,765
1996	18,142	265,190
1997	18,146	267,744
1998	18,175	270,299

SOURCE: Bureau of Census, U.S. Department of Commerce.

Table 103. **FERTILIZER:** Consumption by Kind, Years Ended June 30, 1989-1998 ^{1/}

Kind of Fertilizer	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>1,000 tons</i>										
TOTAL FERTILIZER										
All Kinds	544.4	659.9	575.3	670.7	596.1	712.3	641.1	452.9	530.6	559.2
SINGLE NUTRIENT FERTILIZERS										
Total	163.3	217.5	197.5	290.4	279.7	339.9	272.3	195.7	248.2	299.8
Nitrogen Materials, Total	85.9	124.5	119.7	191.7	192.5	212.4	191.6	132.7	148.5	202.1
Anhydrous ammonia	7.0	11.6	9.1	6.9	6.1	15.8	5.8	2.8	5.7	4.9
Nitrogen solutions	38.5	56.3	57.2	53.4	57.6	59.9	73.9	40.2	50.2	61.1
Urea	22.8	30.9	25.7	46.9	50.3	58.1	33.6	28.8	28.0	44.9
Ammonium nitrate	12.5	17.6	14.1	11.7	11.0	11.4	9.1	6.3	6.0	11.1
Ammonium sulfate	2.2	4.1	6.1	5.2	5.6	11.7	11.1	9.7	10.3	12.3
Other nitrogen materials	3.0	4.1	4.9	67.4	62.0	55.5	58.1	44.9	48.3	67.8
Phosphate Materials, Total	6.9	5.3	8.8	7.4	4.5	4.5	3.2	1.4	1.0	1.0
Super phosphates	5.3	5.1	3.5	5.9	4.4	3.1	2.3	1.2	.9	.8
Other phosphates	1.6	.2	5.3	1.4	.1	1.5	.9	.2	.1	.2
Potash Materials, Total	70.5	87.7	69.0	91.4	82.7	123.1	77.6	61.6	98.7	96.7
Potassium chloride	44.2	54.7	49.9	65.2	60.2	93.6	63.7	45.3	49.6	64.4
Potassium sulfate	22.6	29.1	16.9	22.3	17.1	18.8	1.1	.4	.2	.3
Potassium mag. sulfate	N.A.	2.2	1.3	2.8	2.0	5.7	3.6	2.0	2.5	2.7
Other potassium	3.7	1.7	.9	1.1	3.4	5.0	9.2	14.0	46.4	29.2
MULTIPLE-NUTRIENT FERTILIZERS										
Total	359.8	401.9	343.5	360.8	306.2	345.3	356.3	245.9	271.1	239.4
ORGANICS, SECONDARY AND MICRONUTRIENTS										
Total	21.3	38.3	34.2	19.5	10.3	27.0	12.3	11.2	11.4	20.0

Table 104. **FERTILIZER:** Consumption of Primary Plant Nutrients, Years Ended June 30, 1989-1998 ^{1/}

Year	Multiple-Nutrient Grades				All Fertilizers			
	N	Available P ₂ O ₅	K ₂ O	Total	N	Available P ₂ O ₅	K ₂ O	Total
<i>1,000 tons</i>								
1989	43.6	58.7	51.5	153.7	76.8	60.9	90.3	228.0
1990	43.2	66.1	45.3	154.5	92.2	68.3	93.7	254.1
1991	34.2	51.3	35.4	120.9	78.9	53.8	74.3	207.0
1992	45.3	69.7	44.0	159.0	94.9	72.5	95.3	262.7
1993	40.3	60.0	37.5	137.7	92.9	62.0	83.5	238.4
1994	45.4	75.0	36.2	156.5	116.3	76.7	104.1	297.1
1995	46.8	63.9	44.2	155.0	99.9	65.1	85.3	250.3
1996	32.7	44.7	29.2	106.5	65.9	45.3	59.3	170.5
1997	32.0	44.7	28.5	105.2	71.7	45.1	68.0	184.7
1998	32.4	47.2	27.6	107.2	83.7	47.6	72.9	204.1

SOURCE: Association of American Plant Food Control Officials and The Fertilizer Institute. Data for years prior to 1995 provided by the National Fertilizer and Environmental Research Center, Tennessee Valley Authority (TVA). Information provided by State Fertilizer Regulatory officials.

^{1/} May not add due to rounding.

Table 105. **PER CAPITA UTILIZATION:** Selected Commodities,
United States, 1989-1998

Commodity	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Pounds</i>										
<u>VEGETABLES 1/</u>										
Cabbage, Fresh	8.7	8.8	8.5	8.9	9.5	9.4	8.4	8.6	9.4	8.9
Kraut	1.3	1.2	1.4	1.2	1.4	1.2	1.4	1.0	1.5	1.4
Carrots, Fresh	8.1	8.3	7.7	8.3	10.9	12.8	11.3	12.6	14.4	13.6
Processed	3.4	3.4	3.5	4.0	3.8	4.3	4.3	4.6	4.1	4.3
Cauliflower, Fresh	2.3	2.2	2.0	1.8	2.1	2.0	1.7	1.7	1.8	1.6
Processed	.8	.8	.6	.7	.7	.6	.6	.5	.4	.8
Celery, Fresh	7.5	7.2	6.8	7.4	7.3	7.4	6.9	6.4	6.1	6.2
Cucumbers, Fresh	4.8	4.7	4.6	5.0	5.3	5.4	5.7	6.0	6.5	5.8
Pickles	5.2	5.0	5.1	4.6	4.4	4.8	5.1	4.1	5.3	4.4
Dry beans	5.9	6.6	7.3	7.7	7.4	7.8	7.7	7.4	7.6	7.6
Green peas, Processed 2/	3.7	4.2	4.2	4.1	3.5	3.7	3.7	3.4	3.6	3.4
Lettuce (<i>head type</i>)	28.8	27.8	26.1	25.9	24.6	25.3	22.5	21.9	26.7	22.8
Onions, Fresh	14.8	15.1	15.7	16.2	17.3	17.1	18.0	18.7	19.1	18.3
Potatoes, Fresh	50.1	46.8	50.4	48.6	49.3	50.3	49.2	49.9	47.9	48.1
Processed	77.1	77.3	84.1	82.1	85.6	89.9	88.9	95.3	94.2	94.6
Snap beans, Processed	5.9	5.6	5.9	5.7	5.8	5.8	5.3	5.8	5.5	5.8
Sweet corn, Fresh	6.5	6.7	5.9	6.9	7.0	8.2	7.9	8.5	8.4	8.2
Processed	17.9	19.6	20.5	20.9	21.0	19.4	21.0	21.0	19.5	19.4
Tomatoes, Fresh	16.8	15.5	15.4	15.5	16.4	16.4	17.1	17.7	17.1	17.4
Processed	69.4	75.4	77.4	73.7	76.4	77.1	75.6	74.2	73.9	75.6
<u>FRUITS 1/</u>										
Apples, Fresh	21.2	19.6	18.2	19.2	19.2	19.6	19.0	19.0	18.5	N/A
Processed	25.3	28.5	25.7	27.4	29.5	30.1	26.8	28.1	27.7	N/A
Peaches, Fresh	5.9	5.5	6.4	6.0	6.0	5.5	5.4	4.5	5.7	N/A
Processed	5.0	5.0	5.1	5.5	5.1	5.1	4.1	4.9	5.3	N/A
Pears, Fresh	3.2	3.2	3.2	3.1	3.4	3.5	3.4	3.1	3.5	N/A
Processed	3.7	4.3	3.8	4.2	4.2	4.8	3.9	4.1	4.4	N/A
Cherries, Fresh	.6	.4	.4	.5	.4	.5	.3	.4	.6	N/A
Processed	1.0	1.1	.8	.9	1.1	1.1	1.0	.9	1.0	N/A
Grapes, Fresh	7.9	7.9	7.3	7.2	7.1	7.3	7.5	6.9	8.1	N/A
Processed	38.3	36.2	36.4	39.2	37.6	34.3	38.7	37.0	45.1	N/A
Strawberries, Fresh	3.3	3.2	3.6	3.6	3.6	4.1	4.2	4.4	4.2	N/A
Processed	1.2	1.1	1.2	1.2	1.2	1.1	1.3	1.3	1.1	N/A
<u>MEATS 3/</u>										
Beef	65.4	63.9	63.1	62.6	61.5	63.6	64.4	65.0	63.8	N/A
Veal	1.0	.9	.8	.8	.8	.8	.8	1.0	.9	N/A
Lamb and mutton	1.0	1.0	1.0	1.0	1.0	.9	.9	.8	.8	N/A
Pork	48.4	46.4	46.9	49.5	48.9	49.6	49.0	45.9	45.6	N/A
<u>DAIRY PRODUCTS 4/</u>										
American cheese	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0	N/A
Italian cheese	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0	N/A
Total cheese 5/	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0	N/A
Cottage cheese	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7	N/A
Ice cream	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.2	N/A
Lowfat ice cream	8.4	7.7	7.4	7.1	6.9	7.6	7.5	7.6	7.9	N/A
Butter and margarine	14.6	15.3	15.0	15.4	15.8	14.7	13.7	13.5	12.8	N/A
Beverage milks	224	222	221	218	213	214	210	210	207	N/A
<u>POULTRY PRODUCTS</u>										
Chickens 3/	40.9	42.4	44.2	46.7	48.5	49.3	48.8	49.8	50.9	N/A
Turkeys 3/	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9	N/A
Eggs, number	237	236	235	236	236	239	236	237	240	245

SOURCE: Economic Research Service, U.S. Dept. of Agriculture. N/A - Not available at time of printing.

1/ Fresh weight basis. 2/ In-shell basis. 3/ Boneless, trimmed weight. 4/ Product weight basis.

5/ Excludes cottage cheese.

Table 106. **FARM REAL ESTATE:** Average Value Per Acre, by Region and State
January 1, 1990-1999

State	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Northeast	<i>Dollars</i>									
Connecticut	5,033	5,158	5,241	5,959	5,950	5,950	5,950	5,950	5,950	6,100
Delaware	2,214	2,181	2,042	2,246	2,350	2,440	2,550	2,580	2,660	2,750
Maine	1,073	1,057	1,033	1,130	1,130	1,130	1,150	1,170	1,190	1,200
Maryland	2,563	2,394	2,530	2,911	3,050	3,100	3,110	3,150	3,180	3,300
Massachusetts	4,227	4,301	4,340	4,898	5,020	5,060	5,100	5,150	5,210	5,400
New Hampshire	2,269	2,194	2,103	2,256	2,250	2,250	2,250	2,250	2,250	2,250
New Jersey	5,494	6,341	6,710	6,942	6,950	7,000	7,100	7,100	7,000	7,000
New York	1,014	1,095	1,139	1,237	1,260	1,280	1,260	1,250	1,280	1,280
Pennsylvania	1,929	1,937	2,073	2,056	2,150	2,200	2,270	2,300	2,390	2,440
Rhode Island	5,564	5,619	5,627	6,304	6,400	6,500	6,500	6,500	6,500	6,500
Vermont	1,262	1,248	1,223	1,342	1,400	1,450	1,490	1,500	1,520	1,550
Lake States										
Michigan	1,005	1,086	1,106	1,131	1,210	1,330	1,420	1,530	1,670	1,730
Minnesota	810	881	884	910	914	950	1,030	1,090	1,160	1,190
Wisconsin	801	849	865	925	968	1,040	1,130	1,170	1,240	1,280
Corn Belt										
Illinois	1,405	1,459	1,536	1,548	1,670	1,820	1,900	1,980	2,130	2,190
Indiana	1,254	1,291	1,325	1,395	1,500	1,620	1,740	1,870	2,060	2,110
Iowa	1,090	1,139	1,153	1,212	1,280	1,350	1,450	1,600	1,700	1,700
Missouri	701	723	734	774	825	880	950	1,010	1,070	1,100
Ohio	1,273	1,323	1,396	1,456	1,560	1,750	1,820	1,890	2,040	2,100
Northern Plains										
Kansas	450	449	460	463	503	535	553	565	577	580
Nebraska	524	517	517	514	550	580	610	620	645	660
North Dakota	321	337	318	335	353	373	383	390	401	400
South Dakota	291	293	286	273	286	302	310	325	348	355
Appalachia										
Kentucky	978	958	988	1,077	1,140	1,250	1,300	1,350	1,450	1,500
North Carolina	1,355	1,382	1,455	1,573	1,610	1,750	1,900	2,000	2,080	2,160
Tennessee	1,067	1,095	1,130	1,245	1,250	1,340	1,530	1,650	1,810	1,870
Virginia	1,665	1,490	1,643	1,636	1,590	1,720	1,840	1,880	1,920	1,990
West Virginia	664	704	843	849	869	920	980	1,050	1,090	1,110
Southeast										
Alabama	890	864	936	1,000	1,120	1,260	1,320	1,360	1,440	1,490
Florida	2,070	2,110	2,033	2,037	2,060	2,110	2,150	2,200	2,240	2,260
Georgia	1,079	1,095	1,025	1,131	1,150	1,260	1,360	1,430	1,510	1,560
South Carolina	1,011	1,112	1,152	1,137	1,200	1,340	1,360	1,400	1,480	1,520
Delta States										
Arkansas	796	841	815	880	927	983	1,010	1,070	1,150	1,180
Louisiana	925	920	926	972	1,000	1,080	1,180	1,190	1,210	1,200
Mississippi	736	766	754	777	836	886	917	980	1,050	1,080
Southern Plains										
Oklahoma	491	477	482	496	517	547	547	570	610	610
Texas	507	498	488	499	515	525	540	554	593	595
Mountain										
Arizona ^{1/}	267	291	311	316	810	840	880	920	987	1,020
Colorado	374	437	400	426	479	520	558	590	618	630
Idaho	658	654	680	682	780	840	900	960	1,020	1,060
Montana	222	219	219	227	254	277	289	291	294	296
Nevada ^{1/}	207	241	262	252	268	289	332	366	392	405
New Mexico ^{1/}	185	210	212	194	198	209	212	215	217	219
Utah ^{1/}	398	417	445	491	690	710	740	780	807	815
Wyoming	153	159	145	159	180	192	206	215	222	220
Pacific										
California	1,884	2,077	2,157	2,213	2,210	2,220	2,400	2,500	2,610	2,630
Oregon	573	586	607	663	747	844	928	960	960	970
Washington	821	864	880	892	1,020	1,070	1,120	1,160	1,190	1,200
48 States	683	703	713	736	798	844	887	926	974	992

^{1/} Excludes Native American Reservation land.



COUNTY ESTIMATES

County estimates are published annually by the New York Agricultural Statistics Service for a number of crops, livestock, and farm land use categories. Acreage, yield, and production estimates are made for corn, oats, wheat, and hay. Livestock estimates include the December 1 inventory of hogs and pigs and the January 1 inventory of cattle, beef cows, milk cows, and sheep and lambs on farms, plus the annual average number of cows and total milk production. County estimates of the number of farms and total land in farms, include a breakout of cropland, permanent pasture, and woodland acreage.

Several important sources of information provide the basis for these annual county estimates. Preliminary estimates of crops, farm land uses and livestock numbers are developed from a large scale survey at the end of each year in which over 10,000 farmers across the state are contacted. County acreage information from the Farm Service Agency also receives consideration in preparing several crop estimates. Annual milk production per cow is based on the combined results of milk production surveys conducted monthly throughout the year. Also, state and federal milk marketing order data by county are used in estimating cow numbers, rates of production, and total milk produced.

Revisions, if necessary, are made after considering data that become available after the original estimates are prepared. These include administrative data such as milk

marketing receipts and the Census of Agriculture. The Census of Agriculture, collected and published every five years, does not make allowance for incompleteness at the county level. For this reason census numbers are generally lower than data published in this publication.

County estimates prepared by the New York Agricultural Statistics Service include allowances for farmers not sampled, non-respondents, inaccessible, and refusals. Milk production totals that exceed reported marketings include a small quantity of milk used on farms where produced. All county level estimates add to state level data shown elsewhere in this publication.

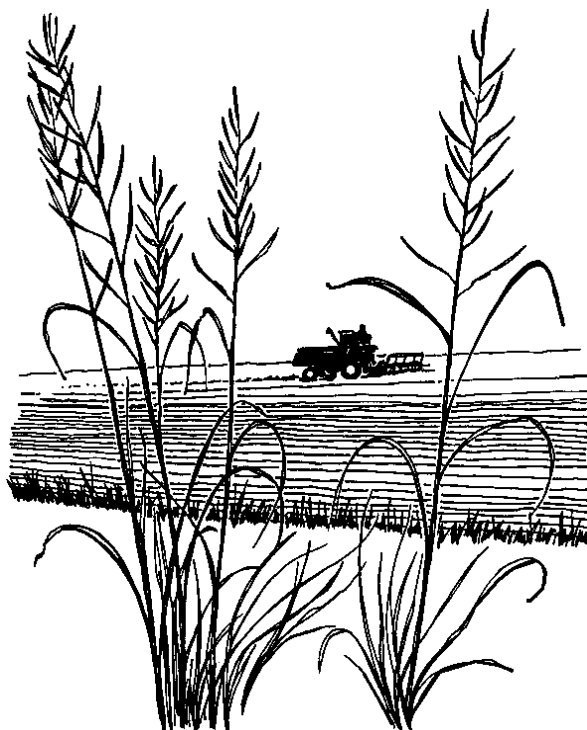


Table 107. **FARMLAND:** Farms, Land in Farms and Land Use, by County, 1997

County	Number of farms	Land in farms	Total cropland <u>1/</u>	Permanent pasture <u>2/</u>	Total woodland <u>3/</u>	Other land <u>4/</u>
	<u>Number</u>			<u>Acres</u>		
Albany	475	61,000	37,900	5,900	12,100	5,100
Allegany	865	169,500	94,800	15,800	44,900	14,000
Broome	610	92,200	49,800	12,200	24,900	5,300
Cattaraugus	1,135	210,700	111,200	21,700	57,100	20,700
Cayuga	1,015	270,600	203,300	11,500	34,100	21,700
Chautauqua	1,865	263,200	152,900	26,900	60,700	22,700
Chemung	375	63,700	38,100	6,800	15,000	3,800
Chenango	960	197,000	109,800	24,600	48,600	14,000
Clinton	585	159,800	80,900	13,000	57,400	8,500
Columbia	555	123,500	83,600	9,700	16,700	13,500
Cortland	540	130,000	70,600	20,200	30,300	8,900
Delaware	860	197,400	99,900	34,300	57,200	6,000
Dutchess	645	114,700	66,400	13,100	25,200	10,000
Erie	1,165	153,900	108,300	7,200	26,900	11,500
Essex	235	51,800	26,400	6,100	16,600	2,700
Franklin	570	175,200	82,700	17,400	65,100	10,000
Fulton	210	36,900	22,800	3,000	8,300	2,800
Genesee	625	183,600	150,700	6,700	14,300	11,900
Greene	290	52,400	26,700	5,700	15,200	4,800
Herkimer	700	152,400	95,200	20,700	28,900	7,600
Jefferson	1,095	312,900	204,400	32,500	48,800	27,200
Lewis	745	193,100	107,100	18,300	52,700	15,000
Livingston	750	212,200	162,500	9,800	26,000	13,900
Madison	830	199,800	127,200	24,600	32,500	15,500
Monroe	575	110,800	94,700	2,800	5,900	7,400
Montgomery	650	145,000	110,400	10,000	15,400	9,200
Nassau	65	1,500	800	0	200	500
Niagara	825	136,900	118,100	1,200	8,000	9,600
Oneida	1,110	232,200	146,300	25,700	44,800	15,400
Onondaga	720	158,100	117,700	9,900	16,700	13,800
Ontario	830	199,800	162,300	6,500	18,100	12,900
Orange	750	101,900	69,800	10,200	13,900	8,000
Orleans	545	154,100	128,400	2,800	12,100	10,800
Oswego	725	110,200	62,300	9,400	27,700	10,800
Otsego	1,035	222,500	122,800	26,900	55,700	17,100
Putnam	60	3,700	1,700	300	1,100	600
Rensselaer	550	106,400	62,700	10,200	25,900	7,600
Rockland	25	600	400	0	100	100
St. Lawrence	1,630	426,000	232,400	47,200	114,100	32,300
Saratoga	565	78,400	48,500	6,500	15,800	7,600
Schenectady	180	19,500	11,500	1,800	4,200	2,000
Schoharie	620	119,000	74,000	9,500	25,700	9,800
Schuyler	380	70,200	39,000	11,200	16,800	3,200
Seneca	495	126,200	102,400	2,600	12,400	8,800
Steuben	1,550	375,100	228,500	34,000	89,300	23,300
Suffolk	725	38,500	28,100	1,200	2,000	7,200
Sullivan	375	62,400	36,700	6,700	15,100	3,900
Tioga	595	117,500	66,200	11,300	32,400	7,600
Tompkins	535	102,600	67,500	6,600	18,500	10,000
Ulster	490	74,100	40,400	5,300	19,800	8,600
Warren	70	9,900	2,600	700	4,500	2,100
Washington	885	209,500	129,800	16,900	47,900	14,900
Wayne	1,005	179,700	132,200	6,200	23,400	17,900
Westchester	110	8,100	3,300	1,000	1,800	2,000
Wyoming	840	209,500	143,600	14,300	33,200	18,400
Yates	785	112,600	81,700	3,400	18,000	9,500
TOTAL	38,000	7,800,000	4,980,000	670,000	1,560,000	590,000

1/ Includes cropland pastured. 2/ Excludes cropland and woodland pastured. 3/ Includes woodland pastured.4/ Land in house lots, ponds, roads, wasteland, etc.

Table 108. **FARMLAND:** Farms, Land in Farms and Land Use, by County, 1998

County	Number of farms	Land in farms	Total cropland <u>1/</u>	Permanent pasture <u>2/</u>	Total woodland <u>3/</u>	Other land <u>4/</u>
	<u>Number</u>			<u>Acres</u>		
Albany	470	60,600	38,000	5,800	11,800	5,000
Allegany	855	164,100	93,500	15,000	42,300	13,300
Broome	615	92,700	49,000	12,700	25,700	5,300
Cattaraugus	1,125	204,000	109,700	20,600	53,800	19,900
Cayuga	1,025	274,500	208,300	11,500	34,000	20,700
Chautauqua	1,850	254,900	150,800	25,500	57,200	21,400
Chemung	380	64,000	37,500	7,100	15,500	3,900
Chenango	970	199,800	112,500	24,500	48,400	14,400
Clinton	590	161,100	74,900	14,200	62,400	9,600
Columbia	545	120,600	80,700	9,700	16,500	13,700
Cortland	550	131,900	72,300	20,200	30,200	9,200
Delaware	850	192,800	96,400	34,100	56,600	5,700
Dutchess	635	112,000	64,100	13,000	25,000	9,900
Erie	1,175	156,700	109,300	7,600	28,100	11,700
Essex	240	52,200	24,300	6,700	18,000	3,200
Franklin	575	176,700	76,100	19,000	70,800	10,800
Fulton	205	36,600	22,900	2,900	8,100	2,700
Genesee	635	187,000	152,100	7,100	15,000	12,800
Greene	280	51,200	25,800	5,700	15,100	4,600
Herkimer	710	154,600	97,600	20,700	28,800	7,500
Jefferson	1,085	311,000	204,800	32,000	47,900	26,300
Lewis	740	191,900	107,300	18,000	51,700	14,900
Livingston	760	216,100	164,000	10,400	27,300	14,400
Madison	840	202,700	130,300	24,500	32,400	15,500
Monroe	585	112,800	95,600	3,000	6,200	8,000
Montgomery	645	144,000	110,700	9,800	15,000	8,500
Nassau	65	1,500	800	0	200	500
Niagara	830	139,400	119,200	1,300	8,400	10,500
Oneida	1,120	235,500	149,900	25,600	44,700	15,300
Onondaga	730	160,400	120,600	9,900	16,600	13,300
Ontario	835	203,500	163,800	6,900	19,000	13,800
Orange	740	99,500	67,300	10,100	13,800	8,300
Orleans	550	156,900	129,600	3,000	12,700	11,600
Oswego	730	111,800	63,800	9,400	27,600	11,000
Otsego	1,045	225,700	125,800	26,800	55,600	17,500
Putnam	50	3,600	1,600	300	1,000	700
Rensselaer	545	105,600	62,900	10,000	25,200	7,500
Rockland	25	600	400	0	100	100
St. Lawrence	1,625	423,400	232,900	46,600	111,900	32,000
Saratoga	560	77,800	48,600	6,400	15,400	7,400
Schenectady	175	19,400	11,500	1,700	4,100	2,100
Schoharie	615	118,200	74,200	9,300	25,000	9,700
Schuyler	385	70,600	38,400	11,600	17,400	3,200
Seneca	500	128,500	103,300	2,800	13,000	9,400
Steuben	1,525	363,200	225,400	32,200	84,200	21,400
Suffolk	715	36,900	29,000	900	1,500	5,500
Sullivan	370	60,900	35,400	6,700	15,000	3,800
Tioga	600	118,100	65,200	11,700	33,500	7,700
Tompkins	540	103,100	66,400	6,800	19,100	10,800
Ulster	480	72,400	39,000	5,300	19,600	8,500
Warren	75	10,000	2,400	800	4,900	1,900
Washington	880	208,000	130,200	16,500	46,700	14,600
Wayne	1,010	183,000	133,400	6,600	24,500	18,500
Westchester	100	7,900	3,200	1,000	1,800	1,900
Wyoming	850	213,400	144,900	14,900	34,800	18,800
Yates	795	114,700	82,400	3,600	18,900	9,800
TOTAL	38,000	7,800,000	4,980,000	670,000	1,560,000	590,000

1/ Includes cropland pastured. 2/ Excludes cropland and woodland pastured. 3/ Includes woodland pastured.4/ Land in house lots, ponds, roads, wasteland, etc.

Table 109. **HAY:** Acreage, Yield, and Production, by County, 1997 ^{1/}

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres harvested	Yield	Production	Acres harvested	Yield	Production	Acres harvested	Yield	Production
	<i>Acres</i>	<i>Tons</i>		<i>Acres</i>	<i>Tons</i>		<i>Acres</i>	<i>Tons</i>	
Albany	7,700	2.0	15,300	12,200	1.6	19,300	19,900	1.7	34,600
Allegany	9,300	2.7	24,800	25,200	2.1	53,500	34,500	2.3	78,300
Broome	4,200	2.2	9,300	16,400	1.9	31,700	20,600	2.0	41,000
Cattaraugus	12,700	3.0	37,500	25,400	2.1	52,500	38,100	2.4	90,000
Cayuga	25,800	2.6	66,100	8,400	1.9	16,000	34,200	2.4	82,100
Chautauqua	11,300	2.9	32,300	35,200	2.7	96,500	46,500	2.8	128,800
Chemung	4,000	2.3	9,200	9,300	1.8	16,900	13,300	2.0	26,100
Chenango	13,600	2.5	34,500	32,600	2.3	74,300	46,200	2.4	108,800
Clinton	12,000	2.8	33,700	14,200	1.9	26,300	26,200	2.3	60,000
Columbia	11,000	2.3	25,500	16,300	1.8	29,100	27,300	2.0	54,600
Cortland	11,000	2.9	32,100	13,500	2.5	33,100	24,500	2.7	65,200
Delaware	12,600	2.4	30,600	38,700	1.9	73,400	51,300	2.0	104,000
Dutchess	10,700	2.6	28,100	13,700	1.5	20,700	24,400	2.0	48,800
Erie	11,600	3.0	34,600	19,700	2.5	50,100	31,300	2.7	84,700
Essex	4,800	2.5	12,000	5,700	1.7	9,600	10,500	2.1	21,600
Franklin	13,600	2.5	34,100	24,400	2.1	52,300	38,000	2.3	86,400
Fulton	4,100	2.4	9,700	4,600	1.5	6,900	8,700	1.9	16,600
Genesee	16,300	2.6	42,500	4,300	2.0	8,600	20,600	2.5	51,100
Greene	4,100	2.2	8,900	11,400	1.6	18,300	15,500	1.8	27,200
Hamilton	-	-	-	-	-	-	-	-	-
Herkimer	19,300	2.7	52,700	17,100	2.0	34,200	36,400	2.4	86,900
Jefferson	27,600	2.4	66,500	64,200	1.8	117,100	91,800	2.0	183,600
Lewis	21,700	2.8	60,000	23,100	2.0	45,100	44,800	2.3	105,100
Livingston	15,100	3.1	47,000	8,800	2.5	22,400	23,900	2.9	69,400
Madison	28,500	2.5	71,800	15,700	1.9	29,800	44,200	2.3	101,600
Monroe	7,500	2.7	20,000	2,500	2.0	5,000	10,000	2.5	25,000
Montgomery	21,900	2.1	46,800	19,700	2.0	39,900	41,600	2.1	86,700
Nassau	-	-	-	-	-	-	-	-	-
Niagara	11,800	2.9	34,300	11,400	2.3	25,900	23,200	2.6	60,200
Oneida	28,400	2.7	77,200	24,900	2.4	59,300	53,300	2.6	136,500
Onondaga	18,700	2.8	52,900	5,900	2.5	14,800	24,600	2.8	67,700
Ontario	16,000	2.5	39,200	7,800	2.0	15,600	23,800	2.3	54,800
Orange	8,000	2.7	21,800	14,900	1.7	25,400	22,900	2.1	47,200
Orleans	6,200	2.5	15,600	4,200	2.0	8,400	10,400	2.3	24,000
Oswego	7,600	2.7	20,200	15,000	2.4	36,700	22,600	2.5	56,900
Otsego	21,300	2.5	53,800	29,400	2.0	57,500	50,700	2.2	111,300
Putnam	-	-	-	800	1.9	1,500	800	1.9	1,500
Rensselaer	8,900	2.1	18,600	11,800	1.7	20,600	20,700	1.9	39,200
Rockland ^{2/}	-	-	-	-	-	-	-	-	-
St. Lawrence	24,000	2.8	68,100	78,900	2.0	157,700	102,900	2.2	225,800
Saratoga	8,200	2.1	17,200	8,700	1.4	12,600	16,900	1.8	29,800
Schenectady	1,600	2.0	3,200	4,500	1.3	5,700	6,100	1.5	8,900
Schoharie	14,900	2.3	34,200	18,100	1.8	31,800	33,000	2.0	66,000
Schuyler	6,800	2.2	15,000	8,500	1.7	14,100	15,300	1.9	29,100
Seneca	9,600	2.7	26,100	5,600	2.0	11,200	15,200	2.5	37,300
Steuben	28,000	2.6	73,500	59,900	1.7	102,300	87,900	2.0	175,800
Suffolk	300	2.7	800	300	3.3	1,000	600	3.0	1,800
Sullivan	3,100	2.7	8,300	15,900	1.9	30,900	19,000	2.1	39,200
Tioga	6,700	2.1	14,200	16,100	2.1	34,300	22,800	2.1	48,500
Tompkins	8,100	2.7	21,900	8,800	1.7	15,000	16,900	2.2	36,900
Ulster	2,100	2.7	5,700	8,200	1.8	14,900	10,300	2.0	20,600
Warren ^{2/}	-	-	-	-	-	-	-	-	-
Washington	18,700	2.5	46,500	21,700	1.9	40,700	40,400	2.2	87,200
Wayne	9,400	2.8	26,600	4,500	2.2	10,100	13,900	2.6	36,700
Westchester	500	2.8	1,400	500	1.6	800	1,000	2.2	2,200
Wyoming	16,600	3.2	52,500	10,600	2.6	27,200	27,200	2.9	79,700
Yates	11,800	2.3	27,500	7,600	2.0	15,200	19,400	2.2	42,700
Other Counties	700	3.0	2,100	3,200	1.9	6,200	3,900	2.1	8,300
TOTAL	640,000	2.60	1,664,000	890,000	2.00	1,780,000	1,530,000	2.25	3,444,000

^{1/} Dry hay only. Excludes silage and green chop. ^{2/} Included in Other Counties.

Table 110. **HAY:** Acreage, Yield, and Production, by County, 1998 ^{1/}

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres harvested	Yield	Production	Acres harvested	Yield	Production	Acres harvested	Yield	Production
	<i>Acres</i>	<i>Tons</i>		<i>Acres</i>	<i>Tons</i>		<i>Acres</i>	<i>Tons</i>	
Albany	7,200	1.9	13,500	11,000	1.6	17,700	18,200	1.7	31,200
Allegany	8,700	2.5	21,900	22,900	2.1	48,800	31,600	2.2	70,700
Broome	3,900	2.1	8,200	14,900	1.9	28,800	18,800	2.0	37,000
Cattaraugus	11,900	2.8	33,100	23,000	2.1	48,200	34,900	2.3	81,300
Cayuga	24,200	2.4	58,400	7,100	2.2	15,700	31,300	2.4	74,100
Chautauqua	10,600	2.7	28,500	31,900	2.8	87,800	42,500	2.7	116,300
Chemung	3,700	2.2	8,100	8,500	1.8	15,500	12,200	1.9	23,600
Chenango	12,700	2.4	30,500	29,600	2.3	67,800	42,300	2.3	98,300
Clinton	11,300	2.6	29,800	12,700	1.9	24,400	24,000	2.3	54,200
Columbia	10,300	2.2	22,500	14,700	1.8	26,800	25,000	2.0	49,300
Cortland	10,300	2.8	28,400	12,100	2.5	30,500	22,400	2.6	58,900
Delaware	11,800	2.3	27,000	35,200	1.9	66,900	47,000	2.0	93,900
Dutchess	10,000	2.5	24,800	12,300	1.6	19,300	22,300	2.0	44,100
Erie	10,900	2.8	30,600	17,700	2.6	45,900	28,600	2.7	76,500
Essex	4,500	2.4	10,600	5,100	1.7	8,900	9,600	2.0	19,500
Franklin	12,800	2.4	30,100	21,900	2.2	47,900	34,700	2.2	78,000
Fulton	3,800	2.3	8,600	4,200	1.5	6,400	8,000	1.9	15,000
Genesee	15,300	2.5	37,500	3,500	2.5	8,600	18,800	2.5	46,100
Greene	3,800	2.1	7,900	10,400	1.6	16,700	14,200	1.7	24,600
Hamilton	-	-	-	-	-	-	-	-	-
Herkimer	18,100	2.6	46,600	15,200	2.1	31,900	33,300	2.4	78,500
Jefferson	25,900	2.3	58,700	58,100	1.8	107,100	84,000	2.0	165,800
Lewis	20,300	2.6	53,000	20,700	2.0	41,900	41,000	2.3	94,900
Livingston	14,200	2.9	41,500	7,700	2.8	21,200	21,900	2.9	62,700
Madison	26,700	2.4	63,400	13,700	2.1	28,400	40,400	2.3	91,800
Monroe	7,000	2.5	17,700	2,200	2.2	4,900	9,200	2.5	22,600
Montgomery	20,500	2.0	41,800	17,500	2.1	36,500	38,000	2.1	78,300
Nassau	-	-	-	-	-	-	-	-	-
Niagara	11,100	2.7	30,300	10,100	2.4	24,100	21,200	2.6	54,400
Oneida	26,600	2.6	68,200	22,200	2.5	55,100	48,800	2.5	123,300
Onondaga	17,500	2.7	46,700	5,000	2.9	14,400	22,500	2.7	61,100
Ontario	15,000	2.3	34,300	6,800	2.2	15,200	21,800	2.3	49,500
Orange	7,500	2.6	19,300	13,400	1.7	23,300	20,900	2.0	42,600
Orleans	5,800	2.4	13,800	3,700	2.1	7,900	9,500	2.3	21,700
Oswego	7,100	2.5	17,800	13,600	2.5	33,600	20,700	2.5	51,400
Otsego	20,000	2.4	47,500	26,400	2.0	53,000	46,400	2.2	100,500
Putnam	-	-	-	700	2.0	1,400	700	2.0	1,400
Rensselaer	8,300	2.0	16,400	10,600	1.8	19,000	18,900	1.9	35,400
Rockland ^{2/}	-	-	-	-	-	-	-	-	-
St. Lawrence	22,500	2.7	60,200	71,700	2.0	143,700	94,200	2.2	203,900
Saratoga	7,700	2.0	15,200	7,800	1.5	11,700	15,500	1.7	26,900
Schenectady	1,500	1.9	2,800	4,100	1.3	5,200	5,600	1.4	8,000
Schoharie	14,000	2.2	30,200	16,200	1.8	29,400	30,200	2.0	59,600
Schuyler	6,400	2.1	13,300	7,600	1.7	13,000	14,000	1.9	26,300
Seneca	9,000	2.6	23,100	4,900	2.2	10,600	13,900	2.4	33,700
Steuben	26,300	2.5	64,900	54,100	1.7	93,800	80,400	2.0	158,700
Suffolk	300	3.3	1,000	200	3.0	600	500	3.2	1,600
Sullivan	2,900	2.5	7,300	14,500	1.9	28,100	17,400	2.0	35,400
Tioga	6,300	2.0	12,500	14,600	2.1	31,300	20,900	2.1	43,800
Tompkins	7,600	2.6	19,400	7,900	1.8	13,900	15,500	2.1	33,300
Ulster	2,000	2.5	5,000	7,400	1.8	13,600	9,400	2.0	18,600
Warren ^{2/}	-	-	-	-	-	-	-	-	-
Washington	17,500	2.3	40,900	19,500	1.9	37,600	37,000	2.1	78,500
Wayne	8,800	2.7	23,500	3,900	2.5	9,600	12,700	2.6	33,100
Westchester	500	2.4	1,200	400	2.0	800	900	2.2	2,000
Wyoming	15,600	3.0	46,400	9,300	2.8	25,600	24,900	2.9	72,000
Yates	11,100	2.2	24,300	6,700	2.1	14,300	17,800	2.2	38,600
Other Counties	700	2.6	1,800	2,900	2.0	5,700	3,600	2.1	7,500
TOTAL	600,000	2.45	1,470,000	800,000	2.05	1,640,000	1,400,000	2.22	3,110,000

^{1/} Dry hay only. Excludes silage and green chop. ^{2/} Included in Other Counties.

Table 111. **CORN:** Acreage, Yield, and Production, by County, 1997

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>		<i>Acres</i>	<i>Tons</i>	
Albany	4,200	1,200	110	132,000	3,000	13.2	39,600
Allegany	13,800	2,900	108	313,200	10,800	15.1	163,100
Broome	7,300	1,400	106	148,400	5,900	14.2	83,800
Cattaraugus	20,800	4,800	113	542,400	15,800	15.5	244,900
Cayuga	78,800	58,700	112	6,574,400	19,400	16.0	310,400
Chautauqua	24,700	7,600	109	828,400	16,900	14.6	246,700
Chemung	6,800	3,900	115	448,500	2,900	14.0	40,600
Chenango	20,100	4,800	105	504,000	15,100	14.9	224,900
Clinton	20,700	6,500	113	734,500	14,000	15.9	222,400
Columbia	22,900	11,800	114	1,345,200	10,900	14.3	155,900
Cortland	17,200	6,000	109	654,000	11,100	15.3	169,800
Delaware	9,500	900	106	95,400	8,500	14.0	119,000
Dutchess	10,100	5,500	110	605,000	4,500	15.5	69,800
Erie	24,200	11,300	107	1,209,100	12,700	15.7	199,400
Essex	2,800	200	112	22,400	2,600	15.0	39,000
Franklin	12,900	1,500	111	166,500	11,300	15.7	177,400
Fulton	4,800	1,400	107	149,800	3,400	14.0	47,600
Genesee	45,500	28,100	110	3,091,000	17,000	16.4	278,800
Greene	2,000	800	117	93,600	1,200	14.0	16,800
Hamilton	1/	1/	1/	1/	1/	1/	1/
Herkimer	19,400	5,600	111	621,600	13,600	14.5	197,200
Jefferson	33,500	10,600	103	1,091,800	22,600	14.8	334,500
Lewis	21,700	4,400	107	470,800	17,100	14.8	253,100
Livingston	51,500	35,600	113	4,022,800	15,400	16.9	260,300
Madison	37,700	16,900	107	1,808,300	20,500	14.9	305,400
Monroe	25,300	22,300	109	2,430,700	2,800	15.2	42,600
Montgomery	28,500	11,400	104	1,185,600	16,800	13.3	223,900
Nassau	-	-	-	-	-	-	-
Niagara	36,600	29,700	107	3,177,900	6,600	15.0	99,000
Oneida	39,500	20,700	112	2,318,400	18,400	15.0	275,400
Onondaga	42,800	29,900	106	3,169,400	12,500	15.7	196,300
Ontario	52,600	40,500	112	4,536,000	11,600	16.3	189,100
Orange	13,100	4,900	107	524,300	8,100	14.0	113,400
Orleans	36,500	32,300	116	3,746,800	3,900	15.0	58,500
Oswego	10,500	4,900	104	509,600	5,500	14.4	79,200
Otsego	20,800	5,900	104	613,600	14,700	14.4	211,600
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	20,300	11,800	106	1,250,800	8,300	13.0	107,900
Rockland	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	39,200	6,100	106	646,600	32,800	14.6	478,900
Saratoga	13,100	5,400	106	572,400	7,600	14.4	109,100
Schenectady	900	300	104	31,200	600	14.0	8,400
Schoharie	12,000	4,400	109	479,600	7,500	13.0	97,800
Schuyler	6,400	2,700	106	286,200	3,700	15.1	55,900
Seneca	33,400	27,600	113	3,118,800	5,500	15.2	83,600
Steuben	39,500	19,700	109	2,147,300	19,400	14.6	282,600
Suffolk	2,600	2,300	135	310,500	300	17.0	5,100
Sullivan	3,500	800	106	84,800	2,700	14.0	37,800
Tioga	12,200	4,000	111	444,000	8,100	14.0	113,400
Tompkins	20,000	13,400	107	1,433,800	6,400	14.9	95,400
Ulster	3,700	1,900	116	220,400	1,800	14.9	26,800
Warren	500	100	114	11,400	400	14.5	5,800
Washington	35,700	8,700	104	904,800	26,700	14.0	373,800
Wayne	38,900	32,800	108	3,542,400	5,800	15.5	89,900
Westchester	1/	1/	1/	1/	1/	1/	1/
Wyoming	49,000	9,700	115	1,115,500	38,900	16.5	641,800
Yates	19,300	12,900	113	1,457,700	6,200	15.1	93,600
Other Counties	700	500	113	56,400	200	15.0	3,000
TOTAL	1,170,000	600,000	110	66,000,000	560,000	15.0	8,400,000

1/ Included in Other Counties.

Table 112. **CORN:** Acreage, Yield, and Production, by County, 1998

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	<i>Acres</i>	<i>Acres</i>	<i>Bushels</i>		<i>Acres</i>	<i>Tons</i>	
Albany	4,200	1,200	111	133,300	3,000	14.5	43,500
Allegany	12,800	2,600	114	295,700	10,200	17.0	173,400
Broome	6,700	1,200	115	138,500	5,500	15.7	86,300
Cattaraugus	19,300	4,400	113	496,200	14,900	16.8	250,300
Cayuga	72,800	54,200	112	6,050,200	18,600	15.9	295,500
Chautauqua	23,000	7,000	110	770,000	16,000	16.3	261,400
Chemung	6,200	3,500	113	395,500	2,700	14.2	38,400
Chenango	18,600	4,400	113	497,200	14,200	15.4	218,000
Clinton	19,300	6,000	108	648,000	13,300	15.4	204,800
Columbia	22,400	11,500	109	1,249,400	10,900	15.9	172,800
Cortland	15,900	5,500	110	605,000	10,400	15.5	160,800
Delaware	9,300	900	104	93,600	8,400	15.1	126,500
Dutchess	9,900	5,300	106	561,800	4,600	15.8	72,600
Erie	24,300	11,300	114	1,286,600	13,000	16.3	211,900
Essex	2,600	200	107	21,400	2,400	15.2	36,400
Franklin	12,000	1,300	108	140,400	10,700	15.7	168,000
Fulton	4,800	1,400	108	151,300	3,400	14.5	49,300
Genesee	45,700	28,200	120	3,382,900	17,500	17.6	308,000
Greene	2,000	800	106	84,800	1,200	15.8	18,900
Hamilton	1/	1/	1/	1/	1/	1/	1/
Herkimer	17,900	5,100	109	555,900	12,800	14.7	188,200
Jefferson	32,200	10,100	112	1,126,900	22,100	16.0	353,600
Lewis	20,800	4,200	111	466,200	16,600	16.1	267,300
Livingston	51,800	35,700	120	4,280,700	16,100	16.5	265,500
Madison	34,800	15,500	112	1,736,000	19,300	15.3	295,200
Monroe	25,400	22,300	119	2,653,700	3,100	17.7	54,800
Montgomery	28,300	11,300	106	1,197,100	17,000	15.6	264,400
Nassau	-	-	-	-	-	-	-
Niagara	36,800	29,800	120	3,571,000	7,000	16.1	112,700
Oneida	36,500	19,100	109	2,081,900	17,400	15.2	263,900
Onondaga	39,400	27,500	112	3,080,000	11,900	15.8	188,500
Ontario	52,900	40,700	119	4,826,800	12,200	17.8	217,100
Orange	12,800	4,700	104	488,800	8,100	15.1	122,000
Orleans	36,700	32,400	121	3,907,200	4,300	17.1	73,500
Oswego	9,700	4,500	105	472,500	5,200	15.9	82,600
Otsego	19,200	5,400	110	594,500	13,800	15.3	210,700
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	20,100	11,600	110	1,273,900	8,500	15.8	134,300
Rockland	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	37,700	5,800	110	638,000	31,900	15.9	508,700
Saratoga	13,000	5,300	107	567,100	7,700	15.9	122,400
Schenectady	900	300	105	31,500	600	14.7	8,800
Schoharie	11,900	4,300	113	484,300	7,600	14.5	110,200
Schuyler	5,800	2,400	107	256,500	3,400	15.6	53,200
Seneca	33,600	27,700	113	3,130,100	5,900	16.2	95,500
Steuben	36,700	18,300	112	2,055,600	18,400	15.8	290,700
Suffolk	2,800	2,400	122	293,400	400	17.0	6,800
Sullivan	3,400	800	107	85,600	2,600	15.7	40,800
Tioga	11,100	3,600	111	398,800	7,500	14.9	111,800
Tompkins	18,300	12,000	107	1,285,000	6,300	16.1	101,500
Ulster	3,600	1,800	109	196,200	1,800	16.3	29,300
Warren	500	100	109	10,900	400	15.5	6,200
Washington	35,300	8,600	106	913,600	26,700	15.8	421,900
Wayne	39,100	32,900	117	3,849,300	6,200	17.5	108,500
Westchester	-	-	-	-	-	-	-
Wyoming	49,200	9,700	114	1,105,800	39,500	17.3	683,400
Yates	19,400	12,900	114	1,470,600	6,500	16.1	104,600
Other Counties	600	300	109	32,800	300	15.3	4,600
TOTAL	1,130,000	580,000	114	66,120,000	550,000	16.0	8,800,000

1/ Included in Other Counties.

Table 113. **OATS:** Acreage, Yield, and Production, by County, 1997-1998

County	Planted		Harvested		Yield		Production	
	1997	1998	1997	1998	1997	1998	1997	1998
	<i>Acres</i>		<i>Acres</i>		<i>Bushels</i>		<i>Bushels</i>	
Albany	300	400	300	300	48	58	14,400	17,400
Allegany	2,800	3,600	2,500	3,000	62	59	155,000	177,000
Broome	400	400	400	400	55	53	22,000	21,100
Cattaraugus	2,800	3,500	2,500	2,800	63	63	157,500	176,400
Cayuga	4,600	5,000	4,000	4,800	67	66	268,000	316,800
Chautauqua	1,000	1,300	900	1,100	60	62	54,000	68,200
Chemung	900	1,000	800	1,000	60	58	48,000	58,000
Chenango	1,700	2,000	1,500	1,700	57	61	85,500	103,800
Clinton	400	500	400	400	55	57	22,000	22,800
Columbia	900	900	800	800	49	60	39,200	48,000
Cortland	900	1,100	800	900	64	66	51,200	59,400
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	700	900	700	800	50	56	35,000	44,800
Erie	3,100	3,700	2,800	3,200	65	60	182,000	192,100
Essex	1/	1/	1/	1/	1/	1/	1/	1/
Franklin	600	600	600	600	62	62	37,200	37,200
Fulton	300	300	300	300	53	55	15,900	16,500
Genesee	2,600	2,900	2,300	2,800	71	65	163,300	182,000
Greene	300	300	300	300	47	57	14,100	17,200
Hamilton	1/	1/	1/	1/	1/	1/	1/	1/
Herkimer	2,100	2,400	1,900	2,100	62	63	117,800	132,300
Jefferson	1,800	2,100	1,600	1,800	56	62	89,600	112,100
Lewis	1,500	1,700	1,300	1,400	54	65	70,200	91,500
Livingston	4,500	4,700	4,000	4,700	72	60	288,000	282,100
Madison	4,600	5,500	4,100	4,800	59	64	241,900	307,200
Monroe	2,100	2,600	1,900	2,300	72	64	136,800	147,200
Montgomery	2,000	2,200	1,800	1,900	50	58	90,000	110,200
Nassau	1/	1/	1/	1/	1/	1/	1/	1/
Niagara	4,400	4,700	3,900	4,600	75	59	292,500	271,400
Oneida	3,900	4,500	3,500	4,100	65	61	227,500	250,100
Onondaga	5,800	6,900	5,100	6,300	67	65	341,700	409,500
Ontario	4,700	5,100	4,200	4,900	70	60	294,000	294,000
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	1,900	2,200	1,700	2,100	74	66	125,800	138,600
Oswego	1,000	1,300	900	1,100	64	67	57,600	73,700
Otsego	1,400	1,700	1,300	1,500	57	63	74,100	94,500
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	500	600	500	500	52	57	26,000	28,500
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	900	1,000	800	800	55	66	44,000	52,400
Saratoga	600	1,000	600	800	57	57	34,200	45,600
Schenectady	1/	1/	1/	1/	1/	1/	1/	1/
Schoharie	400	400	400	400	49	60	19,600	24,000
Schuyler	1,000	1,100	900	1,000	63	61	56,700	61,000
Seneca	4,200	4,400	3,800	4,400	74	65	281,200	286,000
Steuben	13,700	15,900	12,300	14,700	66	61	811,800	896,000
Suffolk	300	300	300	300	79	71	23,700	21,300
Sullivan	1/	1/	1/	1/	1/	1/	1/	1/
Tioga	1,100	1,500	1,000	1,300	58	58	58,000	75,300
Tompkins	3,200	3,500	2,900	3,400	65	62	188,500	210,700
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	1/	1/	1/	1/	1/	1/	1/	1/
Washington	500	600	500	500	50	61	25,000	30,500
Wayne	2,000	2,200	1,800	2,200	70	66	126,000	145,200
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	3,300	4,000	3,000	3,500	70	62	210,000	217,000
Yates	2,000	2,200	1,800	2,100	65	60	117,000	126,000
Other Counties	300	300	300	300	55	58	16,500	17,400
TOTAL	100,000	115,000	90,000	105,000	65	62	5,850,000	6,510,000

1/ Included in Other Counties.

Table 114. **WHEAT:** Acreage, Yield, and Production, by County, 1997-1998

County	Planted		Harvested		Yield		Production	
	1997	1998	1997	1998	1997	1998	1997	1998
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Albany	1/	1/	1/	1/	1/	1/	1/	1/
Allegany	1/	1/	1/	1/	1/	1/	1/	1/
Broome	1/	1/	1/	1/	1/	1/	1/	1/
Cattaraugus	400	400	400	400	47	40	18,800	16,000
Cayuga	9,700	10,100	9,500	9,400	56	56	532,000	526,400
Chautauqua	400	400	400	400	47	41	18,800	16,400
Chemung	1/	1/	1/	1/	1/	1/	1/	1/
Chenango	1/	1/	1/	1/	1/	1/	1/	1/
Clinton	1/	1/	1/	1/	1/	1/	1/	1/
Columbia	700	700	600	600	41	40	24,600	24,000
Cortland	300	300	300	300	53	51	15,900	15,300
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1/	1/	1/	1/	1/	1/	1/	1/
Erie	1,600	1,700	1,400	1,500	53	48	74,200	72,500
Essex	300	300	300	300	40	38	12,000	11,400
Franklin	1/	1/	1/	1/	1/	1/	1/	1/
Fulton	1/	1/	1/	1/	1/	1/	1/	1/
Genesee	14,900	15,500	14,500	14,400	58	56	841,000	806,400
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Hamilton	1/	1/	1/	1/	1/	1/	1/	1/
Herkimer	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	1,500	1,600	1,300	1,500	50	48	65,000	72,000
Lewis	1/	1/	1/	1/	1/	1/	1/	1/
Livingston	14,800	15,400	14,500	14,300	59	56	855,500	800,800
Madison	800	800	800	700	53	55	42,400	38,500
Monroe	14,600	15,100	14,300	14,000	56	55	800,800	770,000
Montgomery	300	300	300	300	40	40	12,000	12,000
Nassau	1/	1/	1/	1/	1/	1/	1/	1/
Niagara	6,800	7,100	6,500	6,600	54	52	351,000	343,200
Oneida	1,300	1,400	1,100	1,300	53	49	58,300	63,700
Onondaga	5,300	5,500	5,200	5,100	55	53	286,000	270,300
Ontario	14,300	14,800	14,000	13,700	58	57	812,000	780,900
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	14,400	14,900	14,100	13,800	56	55	789,600	759,000
Oswego	300	300	300	300	53	52	15,900	15,600
Otsego	1/	1/	1/	1/	1/	1/	1/	1/
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	700	700	600	700	41	41	24,600	28,700
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	1/	1/	1/	1/	1/	1/	1/	1/
Saratoga	1/	1/	1/	1/	1/	1/	1/	1/
Schenectady	1/	1/	1/	1/	1/	1/	1/	1/
Schoharie	1/	1/	1/	1/	1/	1/	1/	1/
Schuyler	700	1/	600	1/	54	1/	32,400	1/
Seneca	8,700	700	8,400	600	59	49	495,600	29,400
Steuben	2,900	9,000	2,600	8,400	49	57	127,400	478,800
Suffolk	500	3,000	400	2,800	56	43	22,400	120,400
Sullivan	1/	500	1/	500	1/	52	1/	26,000
Tioga	1/	1/	1/	1/	1/	1/	1/	1/
Tompkins	2,200	2,300	1,900	2,100	52	46	98,800	96,600
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	1/	1/	1/	1/	1/	1/	1/	1/
Washington	300	300	300	300	45	42	13,500	12,600
Wayne	5,400	5,600	5,100	5,200	56	52	285,600	270,400
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	4,200	4,400	3,900	4,100	54	53	210,600	217,500
Yates	5,000	5,200	4,700	4,800	56	53	263,200	254,400
Other Counties	1,700	1,700	1,700	1,600	47	44	80,100	70,800
TOTAL	135,000	140,000	130,000	130,000	56	54	7,280,000	7,020,000

1/ Included in Other Counties.

Table 115. **CATTLE:** Number on Farms, by County, January 1, 1998 and 1999

County	All cattle and calves		Milk cows		Beef cows	
	1998	1999	1998	1999	1998	1999
	<i>Number</i>					
Albany	9,000	8,500	1,700	1,500	1,700	1,600
Allegany	30,000	28,000	11,500	9,000	2,800	2,800
Broome	17,000	16,000	7,000	6,500	1,600	1,400
Cattaraugus	41,000	40,000	21,000	20,000	2,000	2,000
Cayuga	55,000	56,000	27,000	28,500	2,200	2,200
Chautauqua	53,000	52,000	24,500	24,500	2,500	2,200
Chemung	9,000	9,000	3,000	3,000	900	800
Chenango	45,000	44,000	22,000	21,000	2,200	2,200
Clinton	36,000	37,000	19,500	21,000	700	800
Columbia	24,000	21,000	11,000	9,000	1,500	1,300
Cortland	30,000	30,000	15,500	15,500	1,400	1,400
Delaware	35,000	34,000	17,000	16,000	2,300	2,300
Dutchess	13,000	12,000	3,500	3,000	2,000	1,800
Erie	30,000	30,000	16,000	16,000	1,500	1,500
Essex	6,500	7,000	2,500	3,000	700	600
Franklin	34,000	33,000	18,000	18,000	1,000	1,000
Fulton	8,000	8,000	3,000	3,000	500	500
Genesee	43,000	43,000	21,000	22,000	1,100	1,100
Greene	5,200	4,500	1,500	1,000	700	700
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	37,000	36,000	18,500	18,500	1,200	900
Jefferson	61,000	61,000	32,000	33,500	3,200	3,100
Lewis	51,000	51,000	28,500	28,500	600	600
Livingston	41,000	42,000	19,000	20,500	2,000	2,000
Madison	48,000	47,000	24,500	24,500	1,400	1,100
Monroe	9,000	9,000	3,000	3,500	600	700
Montgomery	34,000	34,000	18,000	19,000	1,000	1,000
Nassau	1/	1/	1/	1/	1/	1/
Niagara	18,000	18,000	7,000	7,500	1,600	1,600
Oneida	53,000	49,000	26,000	23,000	1,500	1,400
Onondaga	33,000	33,000	17,500	18,500	1,200	1,400
Ontario	32,000	32,000	14,500	15,500	1,500	1,500
Orange	18,000	18,000	9,500	9,500	1,000	800
Orleans	11,000	10,000	3,500	3,500	1,600	1,400
Oswego	15,000	15,000	5,500	5,000	1,500	1,800
Otsego	41,000	42,000	20,000	21,000	2,300	2,300
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	17,000	18,000	7,500	9,000	1,600	1,600
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	82,000	80,000	39,500	38,000	4,000	3,800
Saratoga	15,000	15,000	6,000	7,000	1,100	900
Schenectady	1,800	1,500	600	600	300	300
Schoharie	22,000	21,000	8,500	7,500	1,700	1,800
Schuyler	10,000	10,000	4,000	4,000	1,100	1,000
Seneca	17,000	16,000	6,500	6,500	1,500	1,400
Steuben	57,000	55,000	21,500	20,000	5,000	5,000
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	11,000	12,000	4,000	4,800	1,000	1,000
Tioga	23,000	21,000	10,500	9,500	2,000	2,000
Tompkins	19,000	19,000	9,000	9,500	1,000	1,200
Ulster	5,500	5,500	900	800	1,100	1,200
Warren	1/	1/	1/	1/	1/	1/
Washington	52,000	51,000	25,000	24,500	2,000	1,700
Wayne	19,000	19,000	7,500	7,500	1,400	1,400
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	83,000	86,000	47,000	50,000	1,800	2,000
Yates	19,000	19,000	8,500	9,500	1,400	1,400
Other Counties	1,000	1,000	300	300	500	500
TOTAL	1,480,000	1,460,000	700,000	702,000	80,000	78,000

1/ Included in Other Counties.

Table 116. **MILK:** Cows and Production by County, 1997 and 1998

County	Annual average milk cows		Average production per cow		Total milk production	
	1997	1998	1997	1998	1997	1998
	<i>Number</i>		<i>Pounds</i>		<i>1,000 pounds</i>	
Albany	1,700	1,600	15,900	16,300	27,000	26,100
Allegany	10,000	9,500	16,500	17,000	165,000	161,500
Broome	7,000	6,800	16,100	16,200	112,700	110,200
Cattaraugus	21,000	20,500	16,700	17,100	350,700	350,500
Cayuga	27,000	28,000	17,400	17,600	469,800	492,800
Chautauqua	24,000	24,500	16,700	16,800	400,800	411,600
Chemung	2,800	2,900	16,000	16,300	44,800	47,300
Chenango	21,000	21,500	16,000	16,200	336,000	348,300
Clinton	21,000	20,500	15,500	15,600	325,500	319,800
Columbia	10,500	10,000	16,000	16,500	168,000	165,000
Cortland	16,000	15,500	16,400	16,700	262,400	258,900
Delaware	16,500	16,500	15,800	16,000	260,700	264,000
Dutchess	3,500	3,200	15,700	16,200	55,000	51,800
Erie	16,000	16,000	16,600	17,000	265,600	272,000
Essex	2,500	2,700	15,100	15,400	37,800	41,600
Franklin	18,000	18,000	15,500	15,800	279,000	284,400
Fulton	2,800	3,000	15,700	15,700	44,000	47,100
Genesee	20,500	21,500	17,700	17,900	362,900	384,900
Greene	1,300	1,300	15,700	16,000	20,400	20,800
Hamilton	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Herkimer	18,500	18,500	16,100	16,200	297,900	299,700
Jefferson	32,500	33,000	15,900	16,200	516,800	534,600
Lewis	28,500	28,500	16,000	16,300	456,000	464,600
Livingston	20,000	20,000	18,100	18,000	362,000	360,000
Madison	24,500	24,500	16,000	16,200	392,000	396,900
Monroe	3,000	3,400	17,200	17,500	51,600	59,500
Montgomery	19,000	18,500	16,200	16,400	307,800	303,400
Nassau	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Niagara	7,500	7,500	17,000	17,200	127,500	129,000
Oneida	24,500	24,000	16,000	16,300	392,000	391,200
Onondaga	17,500	18,000	16,800	17,100	294,000	307,800
Ontario	14,500	15,000	17,700	18,100	256,700	271,500
Orange	9,500	9,500	16,200	16,400	153,900	155,800
Orleans	3,400	3,500	17,000	17,100	57,800	59,800
Oswego	5,500	5,200	16,000	16,300	88,000	84,800
Otsego	21,500	20,500	16,100	16,300	346,200	334,200
Putnam	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Rensselaer	8,500	8,600	16,000	16,400	136,000	141,000
Rockland	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
St. Lawrence	38,000	38,500	15,300	15,800	581,400	608,300
Saratoga	6,200	6,500	16,100	16,100	99,800	104,700
Schenectady	600	600	15,900	16,300	9,500	9,800
Schoharie	8,500	8,000	16,000	16,200	136,000	129,600
Schuyler	3,800	4,000	16,600	16,800	63,100	67,200
Seneca	6,300	6,400	17,500	17,800	110,200	113,900
Steuben	20,500	20,500	16,800	17,000	344,400	348,500
Suffolk	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Sullivan	4,000	4,200	15,700	16,000	62,800	67,200
Tioga	10,500	10,000	16,000	16,300	168,000	163,000
Tompkins	9,000	9,300	17,000	17,200	153,000	160,000
Ulster	700	800	15,600	16,000	10,900	12,800
Warren	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Washington	24,500	24,500	16,100	16,400	394,400	401,800
Wayne	7,700	7,500	17,000	17,200	130,900	129,000
Westchester	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Wyoming	48,000	49,000	18,300	18,400	878,400	901,600
Yates	8,900	9,200	17,800	18,000	158,400	165,600
Other Counties	300	300	15,000	15,300	4,500	4,600
TOTAL	699,000	701,000	16,495	16,748	11,530,000	11,740,000

1/ Included in Other Counties.

Table 117. **HOGS AND SHEEP:** Number on Farms, by County

County	Hogs - December 1		Sheep - January 1	
	1997	1998	1998	1999
	<i>Number</i>			
Albany	1/	1/	900	800
Allegany	4,600	3,300	1,900	1,800
Broome	1/	1/	1,400	1,200
Cattaraugus	1,000	700	1,000	900
Cayuga	9,100	6,600	1,300	1,200
Chautauqua	1,000	700	500	500
Chemung	600	1/	1/	1/
Chenango	1/	1/	1,100	1,000
Clinton	1/	1/	1/	1/
Columbia	1/	1/	3,400	2,800
Cortland	600	1/	3,600	3,100
Delaware	1/	1/	900	800
Dutchess	1/	1/	2,800	2,500
Erie	1,900	1,500	1,200	1,100
Essex	1/	1/	1/	1/
Franklin	1/	1/	500	1/
Fulton	1/	1/	700	600
Genesee	8,200	6,000	2,100	1,800
Greene	1/	1/	500	500
Hamilton	1/	1/	1/	1/
Herkimer	1/	1/	700	600
Jefferson	1/	1/	900	700
Lewis	1/	1/	1/	1/
Livingston	1/	1/	2,400	2,300
Madison	800	600	1,000	900
Monroe	1/	1/	600	500
Montgomery	1/	1/	1,100	1,000
Nassau	1/	1/	1/	1/
Niagara	1,000	800	900	800
Oneida	1/	1/	900	800
Onondaga	1/	1/	900	800
Ontario	4,200	3,000	1,900	1,700
Orange	800	600	1,000	900
Orleans	2,300	2,200	1/	1/
Oswego	1,100	800	1/	1/
Otsego	1/	1/	1,800	1,700
Putnam	1/	1/	1/	1/
Rensselaer	1,100	800	1,600	1,400
Rockland	1/	1/	1/	1/
St. Lawrence	1,600	1,200	2,300	2,100
Saratoga	500	1/	900	800
Schenectady	1/	1/	1/	1/
Schoharie	1/	1/	1,600	1,400
Schuyler	1/	1/	1,300	1,300
Seneca	13,600	10,900	500	500
Steuben	3,500	2,700	1,200	1,100
Suffolk	500	1/	1/	1/
Sullivan	1/	1/	1/	1/
Tioga	1,200	800	1,100	1,000
Tompkins	1/	1/	2,000	1,800
Ulster	2,100	1,600	700	600
Warren	1/	1/	1/	1/
Washington	800	600	2,400	2,200
Wayne	6,400	4,800	500	500
Westchester	1/	1/	1/	1/
Wyoming	1/	1/	3,200	2,800
Yates	1,800	1,300	1,200	1,200
Other Counties	8,700	8,500	2,600	3,000
TOTAL	79,000	60,000	61,000	55,000

1/ Included in Other Counties.

Table 118. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1997-1998

County	All Products		All Livestock		All Crops	
	1997	1998	1997	1998	1997	1998
	<i>1,000 dollars</i>					
Albany	14,152	15,005	7,878	8,314	6,274	6,691
Allegany	29,745	32,650	25,843	28,623	3,902	4,027
Broome	22,719	24,956	18,238	20,126	4,481	4,830
Cattaraugus	60,971	68,311	51,296	58,278	9,675	10,033
Cayuga	112,438	127,138	73,831	86,769	38,607	40,369
Chautauqua	89,795	99,914	58,841	68,500	30,954	31,414
Chemung	11,600	13,097	7,863	9,150	3,737	3,947
Chenango	53,124	61,633	49,398	57,992	3,726	3,641
Clinton	70,613	76,370	54,240	59,936	16,373	16,434
Columbia	63,213	66,088	44,130	47,196	19,083	18,892
Cortland	40,871	45,602	37,831	42,540	3,040	3,062
Delaware	42,927	48,742	38,397	44,115	4,530	4,627
Dutchess	30,235	32,254	13,968	14,630	16,267	17,624
Erie	75,727	83,932	46,560	52,909	29,167	31,023
Essex	8,074	9,424	5,576	6,910	2,498	2,514
Franklin	46,391	53,065	40,695	47,095	5,696	5,970
Fulton	7,643	9,030	6,413	7,765	1,230	1,265
Genesee	112,288	131,389	58,205	68,854	54,083	62,535
Greene	7,995	8,722	4,906	5,391	3,089	3,331
Herkimer	46,586	52,902	43,026	49,252	3,560	3,650
Jefferson	83,234	96,194	76,306	89,356	6,928	6,838
Lewis	66,878	77,232	63,840	74,244	3,038	2,988
Livingston	79,927	87,380	52,813	59,745	27,114	27,635
Madison	65,706	74,698	56,971	65,552	8,735	9,146
Monroe	49,487	55,117	9,765	12,017	39,722	43,100
Montgomery	51,711	57,103	44,061	49,536	7,650	7,567
Nassau	2,846	3,110	209	211	2,637	2,899
Niagara	60,574	65,417	20,341	23,134	40,233	42,283
Oneida	73,981	82,572	58,145	65,868	15,836	16,704
Onondaga	70,507	79,348	49,085	57,116	21,422	22,232
Ontario	79,446	89,450	39,940	47,346	39,506	42,104
Orange	71,337	80,942	24,607	27,991	46,730	52,951
Orleans	67,277	73,305	9,353	10,820	57,924	62,485
Oswego	33,474	37,774	13,834	15,115	19,640	22,659
Otsego	55,336	60,468	51,138	56,237	4,198	4,231
Putnam	2,631	2,830	<u>1/</u>	<u>1/</u>	2,631	2,830
Rensselaer	29,257	33,246	20,189	23,672	9,068	9,574
St. Lawrence	90,372	106,059	83,873	99,584	6,499	6,475
Saratoga	25,326	28,413	17,031	19,793	8,295	8,620
Schenectady	5,878	6,446	1,872	2,113	4,006	4,333
Schoharie	26,354	28,366	20,542	22,293	5,812	6,073
Schuyler	13,922	15,830	10,411	12,307	3,511	3,523
Seneca	39,762	42,209	19,344	22,137	20,418	20,072
Steuben	79,571	87,145	56,151	63,709	23,420	23,436
Suffolk	149,377	159,695	9,793	9,875	139,584	149,820
Sullivan	20,752	22,878	18,725	20,732	2,027	2,146
Tioga	27,818	30,599	24,692	27,292	3,126	3,307
Tompkins	43,854	48,202	36,292	40,534	7,562	7,668
Ulster	43,637	45,093	4,012	4,540	39,625	40,553
Warren	1,151	1,225	<u>1/</u>	<u>1/</u>	1,151	1,225
Washington	70,136	79,419	60,280	69,315	9,856	10,104
Wayne	109,173	112,605	34,624	37,082	74,549	75,523
Westchester	9,271	9,889	2,590	2,611	6,681	7,278
Wyoming	138,741	160,049	125,175	146,243	13,566	13,806
Yates	44,937	50,438	24,064	28,335	20,873	22,103
Other Counties <u>2/</u>	4,086	4,338	888	994	3,198	3,344
TOTAL	2,834,834	3,155,308	1,828,091	2,091,794	1,006,743	1,063,514

1/ Included in Other Counties.2/ Other Counties - Bronx, Hamilton, Kings, New York, Queens, Richmond, Rockland.

Table 118. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1997-1998 (Continued)

County	Dairy		Other Livestock and Poultry	
	1997	1998	1997	1998
	<i>1,000 dollars</i>			
Albany	3,574	3,974	4,304	4,340
Allegany	21,840	24,587	4,003	4,036
Broome	14,917	16,777	3,321	3,349
Cattaraugus	46,420	53,361	4,876	4,917
Cayuga	62,185	75,025	11,646	11,744
Chautauqua	53,052	62,663	5,789	5,837
Chemung	5,930	7,201	1,933	1,949
Chenango	44,474	53,026	4,924	4,966
Clinton	43,085	48,687	11,155	11,249
Columbia	22,237	25,120	21,893	22,076
Cortland	34,732	39,416	3,099	3,124
Delaware	34,507	40,192	3,890	3,923
Dutchess	7,280	7,886	6,688	6,744
Erie	35,156	41,410	11,404	11,499
Essex	5,003	6,333	573	577
Franklin	36,930	43,298	3,765	3,797
Fulton	5,824	7,171	589	594
Genesee	48,035	58,598	10,170	10,256
Greene	2,700	3,167	2,206	2,224
Herkimer	39,431	45,627	3,595	3,625
Jefferson	68,406	81,389	7,900	7,967
Lewis	60,358	70,732	3,482	3,512
Livingston	47,916	54,807	4,897	4,938
Madison	51,887	60,425	5,084	5,127
Monroe	6,830	9,058	2,935	2,959
Montgomery	40,742	46,190	3,319	3,346
Nassau	<u>1/</u>	<u>1/</u>	209	211
Niagara	16,876	19,639	3,465	3,495
Oneida	51,887	59,557	6,258	6,311
Onondaga	38,915	46,860	10,170	10,256
Ontario	33,978	41,334	5,962	6,012
Orange	20,371	23,719	4,236	4,272
Orleans	7,651	9,104	1,702	1,716
Oswego	11,648	12,910	2,186	2,205
Otsego	45,824	50,879	5,314	5,358
Putnam	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Rensselaer	18,002	21,466	2,187	2,206
St. Lawrence	76,956	92,609	6,917	6,975
Saratoga	13,210	15,940	3,821	3,853
Schenectady	1,257	1,492	615	621
Schoharie	18,002	19,731	2,540	2,562
Schuyler	8,352	10,231	2,059	2,076
Seneca	14,587	17,340	4,757	4,797
Steuben	45,586	53,056	10,565	10,653
Suffolk	<u>1/</u>	<u>1/</u>	9,793	9,875
Sullivan	8,312	10,231	10,413	10,501
Tioga	22,237	24,816	2,455	2,476
Tompkins	20,252	24,359	16,040	16,175
Ulster	1,443	1,949	2,569	2,591
Warren	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>
Washington	52,204	61,171	8,076	8,144
Wayne	17,326	19,639	17,298	17,443
Westchester	<u>1/</u>	<u>1/</u>	2,590	2,611
Wyoming	116,269	137,262	8,906	8,981
Yates	20,966	25,211	3,098	3,124
Other Counties <u>2/</u>	596	700	292	294
TOTAL	1,526,158	1,787,325	301,933	304,469

1/ Included in Other Counties.2/ Other Counties - Bronx, Hamilton, Kings, New York, Queens, Richmond, Rockland.

Table 118. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1997-1998 (Continued)

County	Vegetables <u>1/</u>		Fruit <u>1/</u>	
	1997	1998	1997	1998
	<u>1,000 dollars</u>			
Albany	1,108	1,352	2/	2/
Allegany	448	547	2/	2/
Broome	1,090	1,331	329	324
Cattaraugus	554	677	1,220	1,204
Cayuga	11,186	13,657	875	863
Chautauqua	3,132	3,824	21,725	21,424
Chemung	544	664	58	57
Chenango	2/	2/	2/	2/
Clinton	498	609	10,759	10,610
Columbia	2/	2/	9,353	9,224
Cortland	403	492	26	26
Delaware	283	345	20	19
Dutchess	4,830	5,897	2,070	2,041
Erie	4,612	5,631	2,725	2,687
Essex	309	377	2/	2/
Franklin	1,662	2,029	59	58
Fulton	147	179	163	160
Genesee	39,979	48,809	187	184
Greene	816	996	123	122
Herkimer	570	696	59	58
Jefferson	326	397	246	242
Lewis	83	102	4	4
Livingston	5,244	6,403	62	61
Madison	2,075	2,533	70	69
Monroe	15,611	19,059	4,447	4,386
Montgomery	558	681	2/	2/
Nassau	638	779	2/	2/
Niagara	10,708	13,073	14,868	14,663
Oneida	3,949	4,822	986	972
Onondaga	4,808	5,870	4,613	4,549
Ontario	14,242	17,388	3,860	3,807
Orange	24,994	30,515	6,589	6,498
Orleans	24,139	29,471	16,443	16,216
Oswego	13,500	16,482	1,262	1,244
Otsego	167	204	82	81
Putnam	500	610	2/	2/
Rensselaer	1,508	1,842	169	167
St. Lawrence	413	504	83	82
Saratoga	670	818	1,282	1,264
Schenectady	676	825	125	124
Schoharie	1,239	1,513	594	586
Schuyler	140	170	1,629	1,606
Seneca	962	1,175	4,261	4,202
Steuben	2,015	2,460	2,018	1,991
Suffolk	15,381	18,778	4,470	4,408
Sullivan	419	511	2/	2/
Tioga	655	799	255	252
Tompkins	912	1,114	423	418
Ulster	5,164	6,305	29,282	28,877
Warren	21	26	2/	2/
Washington	1,302	1,590	402	396
Wayne	8,260	10,084	42,466	41,879
Westchester	1,169	1,427	294	290
Wyoming	2,607	3,182	396	391
Yates	6,890	8,411	7,241	7,141
Other Counties <u>3/</u>	2/	2/	2/	2/
TOTAL	246,669	301,152	202,037	199,245

1/ State Total will not equal sum of county values because unpublished county values are included in Field and Other Crops county values.

2/ Included in Field and Other Crops.

3/ Other Counties - Bronx, Hamilton, Kings, New York, Queens, Richmond, Rockland.

Table 118. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1997-1998 (Continued)

County	Greenhouse and Nursery		Field and Other Crops ^{1/}	
	1997	1998	1997	1998
	<i>1,000 dollars</i>			
Albany	3,431	3,666	1,735	1,673
Allegany	1,431	1,529	2,023	1,951
Broome	2,134	2,280	928	895
Cattaraugus	5,123	5,474	2,778	2,678
Cayuga	2,453	2,621	24,093	23,228
Chautauqua	2,753	2,942	3,344	3,224
Chemung	1,953	2,087	1,182	1,139
Chenango	478	510	3,248	3,131
Clinton	2,701	2,886	2,415	2,329
Columbia	2,760	2,949	6,970	6,719
Cortland	249	266	2,362	2,278
Delaware	1,800	1,923	2,427	2,340
Dutchess	6,270	6,700	3,097	2,986
Erie	15,881	16,970	5,949	5,735
Essex	252	269	1,937	1,868
Franklin	489	522	3,486	3,361
Fulton	377	403	543	523
Genesee	1,195	1,277	12,722	12,265
Greene	1,337	1,429	813	784
Herkimer	683	729	2,248	2,167
Jefferson	684	731	5,672	5,468
Lewis	351	375	2,600	2,507
Livingston	1,398	1,494	20,410	19,677
Madison	1,827	1,952	4,763	4,592
Monroe	6,665	7,122	12,999	12,533
Montgomery	468	500	6,624	6,386
Nassau	1,848	1,975	151	145
Niagara	3,985	4,258	10,672	10,289
Oneida	3,845	4,108	7,056	6,802
Onondaga	2,328	2,488	9,673	9,325
Ontario	2,630	2,810	18,774	18,099
Orange	12,793	13,669	2,354	2,269
Orleans	754	806	16,588	15,992
Oswego	2,198	2,349	2,680	2,584
Otsego	1,323	1,414	2,626	2,532
Putnam	1,577	1,686	554	534
Rensselaer	4,212	4,501	3,179	3,064
St. Lawrence	985	1,052	5,018	4,837
Saratoga	4,034	4,311	2,309	2,227
Schenectady	2,818	3,011	387	373
Schoharie	1,319	1,409	2,660	2,565
Schuyler	641	685	1,101	1,062
Seneca	432	462	14,763	14,233
Steuben	2,816	3,009	16,571	15,976
Suffolk	107,244	114,594	12,489	12,040
Sullivan	813	869	795	766
Tioga	1,143	1,222	1,073	1,034
Tompkins	1,265	1,352	4,962	4,784
Ulster	3,619	3,867	1,560	1,504
Warren	1,049	1,121	81	78
Washington	2,480	2,650	5,672	5,468
Wayne	5,665	6,054	18,158	17,506
Westchester	5,076	5,424	142	137
Wyoming	477	509	10,086	9,724
Yates	500	534	6,242	6,017
Other Counties ^{2/}	2,482	2,653	716	691
TOTAL	247,494	264,458	310,543	298,659

^{1/} County values cannot be summed to the State Total because unpublished values from Vegetables and Fruit are included in Field and Other Crops county values.

^{2/} Other Counties - Bronx, Hamilton, Kings, New York, Queens, Richmond, Rockland.



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