

New York

# **AGRICULTURAL STATISTICS**

## **1997-1998**

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**ERS (Economic Research Service)**  
Home Page <http://www.econ.ag.gov/>

**WAOB (World Agricultural Outlook Board)**  
Home Page <http://www.usda.gov/agency/oce/waob/waob.htm>

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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 \$27.7 MILLION

Federal program direct payments to New York farmers decreased to \$27.7 million in 1996. This amount was down 36 percent from 1995. The 1996 payments were equal to 0.9 percent of total cash farm receipts and 6 percent of net farm income. Direct payments to all New York farmers averaged \$769 per farm compared with \$1,208 per farm in 1995.

**Table 1. Government Payments to New York Farmers, by Program, 1992-1996**

Program	1992	1993	1994	1995	1996
<i>Million dollars</i>					
Conservation	7.5	8.4	8.1	3.2	1.4
Feed Grains (Corn)	21.1	39.1	13.2	9.0	16.8
Wheat	3.0	4.0	2.6	1.3	4.2
Wool	0.4	0.4	0.5	0.2	-
Miscellaneous (includes disasters)	15.9	20.4	18.0	29.8	5.3
All Programs	47.9	72.3	42.4	43.5	27.7

Net farm income jumped 70 percent in 1996 to \$462 million. Crop output value totaled \$1.00 billion, up 4 percent and livestock output value rose 10 percent to \$2.07 billion. Consumption outlays declined 1 percent to \$1.67 billion while government transactions fell 2 percent.

## FARMS BY SALES CLASS

Of the estimated 36,000 farms in New York in 1996, only 8,100 or 23 percent of all farms had sales of \$100,000 or more, but they operated 4.1 million acres or 53 percent of all land in farms. New York farms with sales of less than \$10,000 totaled 16,900 or 47 percent of all farms.

**Table 2. Number of Farms and Land in Farms, by Sales Class, 1990-1997**

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	17.6	11.9	8.0	37.5
1994	16.6	11.2	8.2	36.0
1995	16.8	11.4	7.8	36.0
1996	16.8	11.2	8.0	36.0
1997	16.9	11.0	8.1	36.0
<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	1.4	2.5	4.2	8.1
1994	1.4	2.3	4.2	7.9
1995	1.5	2.2	4.0	7.7
1996	1.5	2.2	4.0	7.7
1997	1.5	2.1	4.1	7.7

## FARMS AND FARMLAND UTILIZATION

The number of farms in New York (*places selling \$1,000 or more of agricultural products in a year*) totaled 36,000 in 1997, equal to a year earlier. Total land in farms remained at 7.70 million acres. Farmland accounts for 26 percent of the State's total land area.

Total cropland stands at 4.91 million acres and accounts for 64 percent of total land operated. Harvested cropland at 3.71 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 2.7 percent.

Estimates of farmland utilization are shown in table 3 below. The estimates are based on annual surveys with about 15,000 farms reporting each year. County estimates for major land use categories for 1996 and 1997 appear on pages 90 and 91.

Table 3. **FARMS AND FARMLAND:** Number of Farms, Land in Farms and Land Use, 1988-1997

Item	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Number of farms	41,000	39,000	38,500	38,000	38,000	37,500	36,000	36,000	36,000	36,000
Acres per farm	210	215	218	218	216	216	219	214	214	214
	<i>1,000 acres</i>									
Land in farms	8,600	8,400	8,400	8,300	8,200	8,100	7,900	7,700	7,700	7,700
Cropland, Total	5,480	5,400	5,360	5,270	5,140	5,080	5,000	4,920	4,910	4,910
Cropland harvested, Total <sup>1/</sup>	3,769	3,911	3,867	3,752	3,768	3,749	3,808	3,640	3,680	3,710
Field crops harvested	3,511	3,655	3,615	3,500	3,522	3,503	3,562	3,403	3,437	3,460
Vegetable crops harvested	148	150	151	153	143	143	144	138	143	151
Fruit crops harvested	110	106	101	99	103	103	102	99	100	99
Cropland Pasture	850	780	750	740	720	700	690	700	690	670
Other Cropland	861	709	743	778	652	631	502	580	540	530
Permanent Pasture <sup>2/</sup>	720	710	730	720	740	710	680	650	660	660
Woodland <sup>3/</sup>	1,770	1,670	1,690	1,690	1,700	1,660	1,600	1,540	1,540	1,540
Other Land <sup>4/</sup>	630	620	620	620	620	650	620	590	590	590

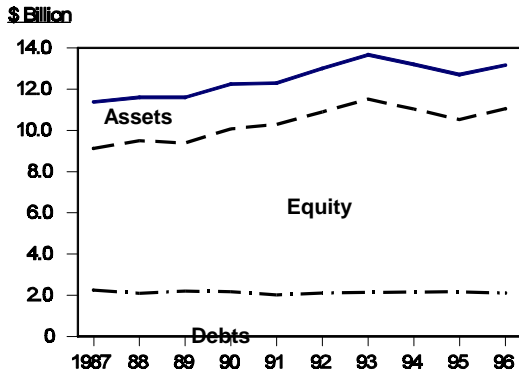
<sup>1/</sup> Beginning with 1992, field crops harvested and cropland harvested includes acres harvested only for haylage or greenchop.

<sup>2/</sup> Excludes cropland and woodland pasture.

<sup>3/</sup> Includes woodland pasture.

<sup>4/</sup> Includes house lots, ponds, roads, waste, etc.

**Figure 1.**  
**FARM BALANCE SHEET**  
New York, December 31, 1987-1996



**FARM DEBT RATIO FALLS**

The debt-to-asset ratio for New York farms fell to 16.0 at the end of 1996 compared with 17.1 in 1995. The year 1996 marks the first decline after two years of ratio increases. Farm debt decreased 4 percent from 1995 to 1996 as assets increased 4 percent, leading to the lower ratio. Farm debt reached its lowest point since 1992.

The value of farm assets in New York, excluding operator households, totaled \$13.2 billion. Proprietors' equity amounted to \$11.1 billion after accounting for total farm debt of \$2.1 billion. With 36,000 farms in 1996 the amount of assets per farm averaged \$365,000, up 3 percent from a year earlier. Equity averaged \$307,000 compared with \$292,000 for 1995 and debt averaged \$59,700, down about \$800 from the previous year.

Table 4. **FARM BALANCE SHEET**, December 31, 1987-1996

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
	<i>Million dollars</i>									
<b>FARM ASSETS:</b>	11,385	11,604	11,609	12,245	12,302	13,003	13,671	13,204	12,710	13,167
Real estate	7,311	7,450	7,318	7,858	8,063	8,639	9,318	8,934	8,664	9,034
Livestock and poultry <sup>1/</sup>	1,114	1,158	1,291	1,258	1,263	1,303	1,294	1,242	1,138	1,176
Machinery and motor	1,794	1,806	1,803	1,847	1,836	1,831	1,845	1,804	1,797	1,781
Crops <sup>3/</sup>	430	451	475	540	420	439	380	385	352	383
Purchased inputs	53	71	60	74	66	92	88	122	88	119
Financial	684	667	662	666	655	699	746	717	671	675
<b>FARM DEBT:</b>	2,254	2,100	2,214	2,174	2,015	2,110	2,138	2,156	2,178	2,112
Real estate	958	937	1,038	906	855	883	885	885	860	843
Nonreal estate <sup>4/</sup>	1,296	1,162	1,176	1,268	1,160	1,227	1,253	1,271	1,318	1,269
<b>EQUITY</b>	9,131	9,504	9,395	10,071	10,288	10,893	11,533	11,048	10,533	11,055
	<i>Ratio</i>									
Debt/equity	26.0	23.1	24.7	22.5	20.4	19.4	18.5	19.5	20.7	19.1
Debt/assets	20.6	18.8	19.8	18.4	16.9	16.2	15.6	16.3	17.1	16.0

**Source:** Economic Research Service, U.S. Department of Agriculture.

<sup>1/</sup> Excludes horses, mules, and broilers.

<sup>2/</sup> Includes only farm share value for trucks and autos.

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

<sup>4/</sup> Excludes debt for nonfarm purposes.

Table 5. VALUE ADDED TO NEW YORK ECONOMY BY AGRICULTURE, 1987-1996

Item	1987	1988	1989	1990	1991
	<i>1,000 dollars</i>				
Final crop output	832,404	822,471	939,494	961,232	1,008,722
Food grains	10,458	16,283	21,716	17,708	15,307
Feed crops	136,265	164,343	132,582	144,969	152,069
Oil crops	5,632	7,468	5,324	7,508	8,010
Fruits and tree nuts	145,029	155,306	167,692	178,197	209,457
Vegetables	292,719	292,195	321,066	338,393	402,347
All other crops	238,068	243,920	272,323	256,827	239,694
Home consumption	3,161	3,059	2,540	2,628	2,203
Value of inventory adjustment	1,072	(60,103)	16,251	15,002	(20,365)
Final animal output	1,751,203	1,712,426	1,923,151	1,997,341	1,814,451
Meat animals	193,460	199,005	186,555	195,714	208,050
Dairy products	1,428,748	1,417,870	1,545,801	1,590,542	1,399,140
Poultry and eggs	72,246	61,408	81,892	101,462	94,236
Miscellaneous livestock	98,310	106,122	106,121	94,192	96,540
Home consumption	8,815	8,696	8,574	9,341	8,870
Value of inventory adjustment	(50,376)	(80,675)	(5,792)	6,090	7,615
Services and forestry	168,278	214,585	206,141	208,703	211,691
Machine hire and customwork	17,593	17,700	20,548	19,600	18,653
Forest products sold	18,698	19,820	20,610	19,370	17,440
Other farm income	32,969	37,882	41,921	44,583	46,634
Gross imputed rental value of farm dwellings	99,018	139,183	123,062	125,150	128,964
Final agricultural sector output	2,751,885	2,749,482	3,068,786	3,167,276	3,034,864
less: Intermediate consumption outlays	1,238,865	1,295,207	1,454,165	1,502,482	1,486,698
Feed purchased	371,865	392,134	442,138	445,787	437,202
Livestock and poultry purchased	14,192	14,250	15,021	17,952	15,186
Seed purchased	57,155	70,732	76,083	77,617	87,241
Fertilizers and lime	94,717	100,736	110,576	113,677	119,860
Pesticides	60,638	53,484	62,000	63,532	71,635
Petroleum fuel and oils	86,968	84,308	84,171	103,533	100,387
Electricity	65,756	68,755	73,513	68,837	66,012
Repair and maintenance of capital items	138,024	160,427	169,197	177,830	176,173
Machine hire and customwork	21,414	25,680	30,222	30,615	32,086
Marketing, storage, & transportation expenses	106,150	101,778	165,230	150,689	129,251
Contract labor	15,428	10,603	10,627	9,482	6,187
Miscellaneous expenses	206,558	212,320	215,387	242,931	245,478
plus: Direct Government payments	109,304	86,787	76,025	59,304	41,242
less: Motor vehicle registration and licensing fees	4,777	5,106	4,940	5,881	5,496
less: Property taxes	142,300	150,214	161,765	179,879	185,374
Gross value added	1,475,247	1,385,742	1,523,941	1,538,338	1,398,538
less: Capital consumption	405,473	412,752	407,333	411,962	417,837
Net value added	1,069,774	972,990	1,116,608	1,126,376	980,701
less: Employee compensation (total hired labor)	229,353	259,022	281,225	329,640	323,855
Net rent received by nonoperator landlords	(19,820)	(17,785)	(16,191)	(9,350)	(5,385)
Real estate and nonreal estate interest	233,986	211,994	204,764	196,774	167,134
Net farm income	626,255	519,759	646,810	609,312	495,097



Table 5. VALUE ADDED TO NEW YORK ECONOMY BY AGRICULTURE, 1987-1996 (Continued)

Item	1992	1993	1994	1995	1996
	<i>1,000 dollars</i>				
Final crop output	929,204	958,217	1,042,883	963,960	1,002,478
Food grains	17,982	12,894	18,978	26,825	29,277
Feed crops	147,382	144,898	155,880	166,698	201,491
Oil crops	8,124	11,699	14,281	15,121	18,250
Fruits and tree nuts	193,801	169,773	178,266	191,970	208,603
Vegetables	268,195	337,033	327,840	313,991	261,412
All other crops	305,940	293,751	295,206	291,796	279,454
Home consumption	2,083	1,234	1,252	1,812	1,590
Value of inventory adjustment	(14,303)	(13,065)	51,180	(44,253)	2,401
Final animal output	1,916,379	1,892,053	1,860,214	1,878,931	2,068,912
Meat animals	209,179	254,407	228,402	160,983	115,476
Dairy products	1,527,273	1,463,554	1,495,702	1,487,695	1,693,251
Poultry and eggs	82,280	90,799	89,844	91,601	101,213
Miscellaneous livestock	89,567	92,328	74,395	112,159	134,607
Home consumption	8,812	8,162	6,282	4,506	3,344
Value of inventory adjustment	(732)	(17,197)	(34,411)	21,987	21,021
Services and forestry	223,727	240,057	258,922	257,737	240,507
Machine hire and customwork	17,705	18,172	19,130	19,620	19,152
Forest products sold	7,630	9,190	9,450	8,980	9,160
Other farm income	63,815	64,004	65,721	66,777	48,772
Gross imputed rental value of farm dwellings	134,577	148,691	164,621	162,360	163,423
Final agricultural sector output	3,069,310	3,090,327	3,162,019	3,100,628	3,311,896
less: Intermediate consumption outlays	1,455,186	1,463,474	1,587,724	1,680,591	1,671,774
Feed purchased	438,356	431,550	411,925	447,270	478,799
Livestock and poultry purchased	21,906	19,917	14,800	15,402	16,069
Seed purchased	71,555	71,814	82,014	95,251	110,044
Fertilizers and lime	106,072	90,264	100,824	110,710	107,675
Pesticides	68,977	64,318	77,557	89,489	78,693
Petroleum fuel and oils	92,355	95,054	95,294	105,767	113,119
Electricity	66,954	70,063	72,935	77,687	73,824
Repair and maintenance of capital items	184,882	185,772	194,823	184,321	182,272
Machine hire and customwork	27,768	33,549	44,906	59,341	43,447
Marketing, storage, & transportation expenses	93,984	114,430	151,095	149,931	130,859
Contract labor	6,824	7,181	9,602	7,991	11,837
Miscellaneous expenses	275,553	279,562	331,949	337,431	325,136
plus: Direct Government payments	47,872	72,286	42,417	43,481	43,289
less: Motor vehicle registration and licensing fees	5,070	4,128	6,900	7,768	6,885
less: Property taxes	189,796	193,173	206,180	204,030	207,803
Gross value added	1,467,130	1,501,839	1,403,632	1,251,721	1,468,723
less: Capital consumption	423,332	430,624	426,899	420,001	413,758
Net value added	1,043,798	1,071,215	976,733	831,720	1,054,965
less: Employee compensation (total hired labor)	327,516	345,990	352,998	388,005	406,386
Net rent received by nonoperator landlords	(4,198)	(8,546)	(9,916)	(926)	4,370
Real estate and nonreal estate interest	157,432	143,492	171,403	171,818	181,722
Net farm income	563,048	590,279	462,248	272,823	462,487

SOURCE: Economic Research Service, U.S. Department of Agriculture, Internet Web Site ([www.econ.ag.gov](http://www.econ.ag.gov)).

## **CASH RECEIPTS IN 1996**

Sales of farm products in New York during 1996 amounted to \$3.03 billion, 6 percent above 1995. Receipts from livestock and products totaled \$2.05 billion compared with \$1.85 billion in the previous year. Dairy products receipts were \$203

million above 1995. Crop cash receipts fell 3 percent below 1995 at \$981 million. Lower returns from vegetables and other crops more than offset higher returns for fruit crops and field crops.

Table 6. **CASH RECEIPTS:** Farm Marketings by Commodities, 1987-1996

	1987	1988	1989	1990	1991
	----1,000 dollars----				
<b>LIVESTOCK AND PRODUCTS</b>	1,792,764	1,801,721	1,936,646	1,958,395	1,797,966
Dairy products	1,428,748	1,417,870	1,545,801	1,590,542	1,399,140
Cattle and calves	171,749	197,847	183,511	174,886	191,157
Eggs	45,994	39,676	57,048	55,331	52,640
Hogs	19,863	16,192	16,895	18,692	14,529
Ducks	10,764	8,904	8,586	7,952	7,920
Turkeys	3,387	2,361	3,440	4,530	4,387
Sheep and wool	2,144	2,675	5,465	2,383	2,364
Broilers	2,835	3,825	3,050	3,643	2,835
Honey	2,614	3,882	2,802	2,843	2,960
Other livestock and poultry	104,666	108,489	110,048	97,953	120,034
<b>FIELD CROPS</b>	211,031	255,020	229,562	239,922	246,910
Corn for grain	49,671	72,819	54,560	66,539	76,536
Potatoes	48,239	57,452	56,373	56,234	60,900
Hay	81,243	82,865	70,324	72,429	70,106
Wheat	9,932	15,672	10,962	17,274	14,875
Oats	5,351	7,223	7,698	6,001	5,427
Dry beans	8,360	7,468	11,372	12,745	10,624
Soybeans	5,632	8,659	5,324	7,508	7,886
Other field crops	2,603	2,862	2,949	1,192	556
<b>VEGETABLE CROPS</b>	231,314	222,070	252,169	229,613	273,392
Onions	60,492	52,226	48,049	42,374	57,288
Cabbage	33,524	32,294	36,695	43,338	60,040
Sweet corn	32,783	30,117	38,967	34,309	36,526
Snap beans	17,328	17,540	31,678	21,029	24,019
Tomatoes 1/	11,316	17,434	16,023	16,397	14,591
Lettuce	10,132	6,833	3,847	8,112	6,965
Cauliflower	8,299	8,506	7,134	5,811	7,951
Cucumbers 1/	5,995	6,105	9,511	5,191	5,477
Carrots	5,555	4,030	6,527	3,745	7,558
Green peas	4,239	3,376	4,834	5,139	4,995
Celery	3,558	3,629	3,165	1,523	2,940
Beets	1,679	1,580	1,767	2,219	1,642
Other vegetables	36,414	38,400	42,972	40,426	43,400
<b>FRUIT CROPS</b>	145,169	155,082	167,411	178,197	209,457
Apples	82,310	89,060	98,112	109,423	125,228
Grapes	40,542	39,939	42,136	41,172	48,789
Strawberries	9,104	8,772	11,725	13,114	11,081
Cherries	3,367	5,877	4,320	3,285	12,561
Pears	3,885	4,061	3,631	3,687	3,981
Peaches	2,971	3,726	3,622	3,781	3,702
Other fruit and berries	2,990	3,650	3,865	3,735	4,115
<b>ALL OTHER CROPS</b>	235,991	241,669	270,128	256,069	239,694
Greenhouse and nursery	229,311	232,656	260,654	248,288	228,777
Maple	5,243	7,285	7,768	5,901	7,176
Mushrooms	1,437	1,728	1,706	1,880	3,741
<b>ALL CROPS</b>	823,505	873,841	919,270	903,801	969,453
<b>ALL COMMODITIES</b>	2,616,26	2,675,56	2,855,91	2,862,19	2,767,41

## 1997 CASH RECEIPTS 5 PERCENT LOWER

Sales of New York farm products are expected to total \$2.90 billion for 1997, \$136 million less and 4 percent below 1996. Receipts from livestock and poultry products

are expected to fall 9 percent to \$1.86 billion as dairy receipts amount to \$1.53 billion, down 10 percent. Crops income totaled \$1.04 billion, up 6 percent from the 1996 level.

Table 6. **CASH RECEIPTS: Farm Marketings by Commodities, 1987-1996** (Continued)

	1992	1993	1994	1995	1996	
	----1,000 dollars----					<u>% of Total</u>
<b><u>LIVESTOCK AND PRODUCTS</u></b>	1,908,299	1,901,088	1,888,343	1,852,438	2,050,497	67.6
Dairy products	1,527,273	1,463,554	1,495,702	1,487,695	1,690,420	55.8
Cattle and calves	194,733	237,212	215,722	149,201	102,096	3.4
Eggs	46,713	52,000	50,002	55,871	66,949	2.2
Hogs	12,018	13,820	9,390	8,050	9,911	0.3
Ducks	8,736	8,493	8,874	9,512	10,614	0.4
Turkeys	4,268	4,505	5,300	5,451	5,373	0.2
Sheep and wool	2,428	3,547	3,581	4,051	3,488	0.1
Broilers	1,369	1,530	1,904	2,381	3,280	0.1
Honey	2,818	2,539	2,913	3,728	4,842	0.2
Other livestock and poultry	107,943	113,888	94,955	126,498	153,524	5.1
<b><u>FIELD CROPS</u></b>	242,845	235,492	266,102	289,422	299,652	9.9
Corn for grain	67,800	70,355	80,156	89,183	116,653	3.8
Hay	74,528	71,573	74,904	71,004	76,089	2.5
Potatoes	61,475	56,513	66,194	71,148	43,526	1.4
Wheat	17,501	12,521	18,608	26,377	29,265	1.0
Soybeans	7,875	11,407	13,940	14,843	18,091	0.6
Dry beans	7,882	8,816	10,299	10,766	9,956	0.3
Oats	5,054	2,970	820	4,242	4,267	0.1
Other field crops	730	1,337	1,181	1,859	1,805	0.1
<b><u>VEGETABLE CROPS</u></b>	198,838	271,704	251,347	242,920	192,479	6.3
Onions	34,713	76,040	51,587	41,180	38,387	1.3
Cabbage	34,563	47,509	45,311	49,111	36,451	1.2
Sweet corn	30,692	39,544	44,463	54,991	39,470	1.3
Snap beans	12,041	19,602	23,986	21,378	20,841	0.7
Tomatoes <sup>1/</sup>	6,846	9,936	14,760	7,380	3,359	0.1
Lettuce	7,782	3,972	3,896	2,093	1,040	0.0
Cucumbers <sup>1/</sup>	8,901	6,667	6,306	6,674	7,093	0.2
Cauliflower	5,545	7,560	7,181	4,799	4,662	0.2
Carrots	7,807	4,376	5,271	4,261	2,915	0.1
Green peas	5,887	5,555	7,047	9,546	8,461	0.3
Beets	1,785	2,668	2,630	2,548	3,127	0.1
Other vegetables	36,862	48,275	38,909	38,959	26,673	0.9
<b><u>FRUIT CROPS</u></b>	193,801	169,773	178,266	192,924	208,414	6.9
Apples	130,985	106,067	111,953	132,860	137,137	4.5
Grapes	37,584	26,165	39,761	37,218	43,800	1.4
Strawberries	8,346	22,032	11,648	8,988	9,840	0.3
Cherries	4,513	2,165	3,631	2,076	2,896	0.1
Pears	4,734	3,781	4,848	5,392	5,748	0.2
Peaches	3,595	2,660	1,757	2,280	4,003	0.1
Other fruit and berries	4,044	6,903	4,668	4,110	4,990	0.2
<b><u>ALL OTHER CROPS</u></b>	305,940	293,079	294,736	290,663	280,189	9.2
Greenhouse and nursery	261,839	254,390	256,884	253,890	241,429	8.0
Christmas trees <sup>2/</sup>	30,100	30,000	29,000	28,600	27,400	0.9
Maple	9,360	3,366	6,150	4,888	8,747	0.3
Other, miscellaneous	4,641	5,323	2,702	3,285	2,613	0.1
<b><u>ALL CROPS</u></b>	941,424	970,048	990,451	1,015,929	980,734	32.4
<b><u>ALL COMMODITIES</u></b>	2,849,723	2,871,136	2,878,794	2,868,367	3,031,231	100.0

<sup>1/</sup> Fresh only. Processing included with other vegetables.

<sup>2/</sup> Included in farm cash receipts beginning in 1992.

Table 7. NEW YORK'S RANK IN THE NATION'S AGRICULTURE - 1997

Item	1st	2nd	3rd	4th	5th	N.Y. Rank
<b>FIELD CROPS</b>						
Corn for silage	Wis.	Calif.	<b>N.Y.</b>	Pa.	Minn.	3
Corn for grain	Iowa	Ill.	Nebr.	Minn.	Ind.	17
Oats	Wis.	N.Dak.	Minn.	Iowa	S.Dak.	8
Winter wheat	Kansas	Okla.	Wash.	Texas	Colo.	29
Potatoes	Idaho	Wash.	Colo.	Wis.	Ore.	11
Dry beans	N.Dak.	Mich.	Nebr.	Calif.	Colo.	10
Alfalfa hay	Calif.	S.Dak.	Wis.	Minn.	Idaho	20
Other hay	Texas	Mo.	Ky.	Okla.	Tenn.	12
All hay	Texas	Calif.	S.Dak.	Mo.	Kansas	20
<b>FRUIT</b>						
Apples	Wash.	<b>N.Y.</b>	Mich.	Calif.	Pa.	2
Cherries, sweet	Wash.	Ore.	Calif.	Mich.	Idaho	8
Cherries, tart	Mich.	Utah	<b>N.Y.</b>	Wash.	Wis.	3
Peaches	Calif.	Ga.	S.C.	Pa.	Mich.	14
Pears	Wash.	Calif.	Ore.	<b>N.Y.</b>	Mich.	4
Grapes	Calif.	Wash.	<b>N.Y.</b>	Mich.	Pa.	3
Blueberries	Mich.	N.J.	Ore.	N.C.	Wash.	9
Strawberries	Calif.	Fla.	Ore.	N.C.	Wash.	7
<b>VEGETABLES, FRESH MARKET</b>						
Cabbage	<b>N.Y.</b>	Calif.	Ga.	Fla.	Texas	1
Carrots	Calif.	Colo.	Mich.	Fla.	Wash.	8
Cauliflower	Calif.	Ariz.	<b>N.Y.</b>	Mich.	Texas	3
Cucumbers	Fla.	Ga.	Calif.	Mich.	N.C.	7
Lettuce	Calif.	Ariz.	Colo.	N.M.	N.J.	6
Onions	Calif.	Ore.	Wash.	Idaho	Colo.	6
Snap beans	Fla.	Calif.	Ga.	Tenn.	<b>N.Y.</b>	5
Sweet corn	Fla.	Calif.	Ga.	<b>N.Y.</b>	Ohio	4
Tomatoes	Fla.	Calif.	Va.	Tenn.	N.J.	15
<b>VEGETABLES, PROCESSING</b>						
Carrots	Wash.	Calif.	Texas	Wis.	Mich.	6
Green peas	Minn.	Wash.	Wis.	Ore.	<b>N.Y.</b>	5
Snap beans	Wis.	Ore.	Mich.	<b>N.Y.</b>	Ill.	4
Sweet corn	Minn.	Wash.	Wis.	Ore.	<b>N.Y.</b>	5
<b>LIVESTOCK PRODUCTS</b>						
Milk production	Calif.	Wis.	<b>N.Y.</b>	Pa.	Minn.	3
Cattle and calves <sup>1/</sup>	Texas	Kansas	Nebr.	Colo.	Okla.	35
Egg production	Ohio	Calif.	Pa.	Ind.	Iowa	21
Chickens (excluding broilers) <sup>1/</sup>	Ga.	Ark.	N.C.	Ala.	Pa.	20
Hogs and pigs <sup>1/</sup>	Iowa	N.C.	Minn.	Ill.	Ind.	30
Sheep and lambs <sup>1/</sup>	Colo.	Calif.	Texas	Wyo.	S.Dak.	29
<b>DAIRY PRODUCTS</b>						
Total American cheese	Wis.	Minn.	Calif.	Idaho	Iowa	6
Total Italian cheese	Wis.	Calif.	<b>N.Y.</b>	Pa.	Minn.	3
Total Cheese, excluding Cottage	Wis.	Calif.	Minn.	<b>N.Y.</b>	Idaho	4
Creamed Cottage cheese	<b>N.Y.</b>	Ill.	Calif.	Ohio	Ind.	1
Lowfat Cottage cheese	<b>N.Y.</b>	Calif.	Ill.	Wash.	Wis.	1
<b>GENERAL CHARACTERISTICS</b>						
Number of farms	Texas	Mo.	Iowa	Ky.	Minn.	26
Land in farms	Texas	Mont.	Kansas	Nebr.	S.Dak.	36
Total cash farm receipts	Calif.	Iowa	Texas	N.C.	Ga.	35

<sup>1/</sup> Pounds sold.

Table 8. NEW YORK HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
<b>FIELD CORN</b>						
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
<b>OATS</b>						
Grain Harvested	Acres	1,430,000	1896	75,000	1996	1866
Grain Production	Bushels	54,800,000	1902	4,275,000	1996	1866
<b>WHEAT</b>						
Grain Harvested	Acres	790,000	1880	75,000	1978	1866
Grain Production	Bushels	15,200,000	1878	2,625,000	1978	1866
<b>HAY (Dry)</b>						
All Harvested	Acres	5,067,000	1924	1,500,000	1997	1924
All Production	Tons	6,914,000	1916	3,384,000	1997	1914
Alfalfa Harvested	Acres	1,324,000	1966	185,000	1928	1924
Alfalfa Production	Tons	3,111,000	1966	357,000	1926	1924
<b>POTATOES</b>						
Harvested	Acres	435,000	1904	27,000	1992	1866
Production	Cwt.	29,077,000	1909	6,628,000	1989	1866
<b>DRY BEANS</b>						
Harvested	Acres	250,000	1917	25,000	1988	1909
Production	Cwt.	2,070,000	1948	255,000	1983	1909
<b>ONIONS</b>						
Harvested	Acres	16,400	1965	5,830	1928	1918
Production	Cwt.	5,412,000	1965	729,000	1928	1918
<b>SWEET CORN</b>						
Harvested	Acres	60,500	1997	49,800	1988	1929
Production	Cwt.	6,578,400	1997	897,000	1933	1929
<b>APPLES</b>						
Production	Bushels	54,178,000	1896	2,160,000	1945	1889
<b>GRAPES</b>						
Production	Tons	198,000	1984	29,300	1918	1909
<b>MAPLE SYRUP</b>						
Production	Gallons	1,304,000	1918	180,000	1993	1916
<b>CATTLE</b>						
All Cattle and Calves <u>1/</u>	Head	2,596,000	1879	1,480,000	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.	11,732	1985	6,874	1935	1924
<b>OTHER LIVESTOCK</b>						
All Hogs and Pigs	Head	840,000	1897	66,000	1995	1867
All Sheep and Lambs	Head	4,090,000	1867	55,000	1986	1867
<b>POULTRY</b>						
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, 1997

Crop	Acres harvested	Yield per acre	Unit of production	Total production	Price per unit	Value of production
	<i>Acres</i>			<i>1,000</i>	<i>Dollars</i>	<i>1,000 dollars</i>
<b>ALL CROPS 1/</b>	<b>3,381,600</b>					<b>1,493,976</b>
<b>FIELD CROPS 1/</b>	<b>3,142,000</b>					<b>962,415</b>
Wheat	135,000	56.0	bu.	7,560	3.40	25,326
Oats	110,000	70.0	bu.	7,700	1.70	13,090
Rye	8,000	32.0	bu.	256	3.00	768
Barley	18,000	55.0	bu.	990	2.00	1,980
Soybeans	107,000	40.0	bu.	4,280	6.00	25,680
Corn for grain	650,000	116.0	bu.	75,400	2.95	222,430
Corn for silage	545,000	15.0	ton	8,175	34.40	281,220
Alfalfa hay	640,000	2.60	ton	1,664	105.00	174,720
Other hay	860,000	2.00	ton	1,720	77.00	132,440
Potatoes	29,500	285	cwt.	8,408	8.65	72,729
Dry beans	39,500	15.6	cwt.	616	19.50	12,032
<b>VEGETABLES 1/</b>	<b>146,900</b>					<b>202,749</b>
Beets for processing	2,700	15.00	ton	40.5	75.20	2,620
Cabbage, fresh	13,600	480	cwt.	4/6,528	8.09	5/45,535
Cabbage, processing	2,300	30.10	ton	69.2	40.20	3,205
Carrots, fresh	600	280	cwt.	168	15.00	2,688
Carrots, processing	1,500	17.00	ton	25.5	60.70	1,563
Cauliflower, fresh & proc.	1,000	200	cwt.	200	33.30	6,960
Cucumbers, fresh	3,300	200	cwt.	660	17.30	14,124
Snap beans, fresh	4,900	62	cwt.	304	49.30	16,659
Snap beans, processing	22,800	3.40	ton	77.5	186.00	11,473
Green peas, processing	18,200	2.21	ton	40.2	306.00	8,446
Lettuce, fresh	700	280	cwt.	196	13.00	2,940
Onions, fresh & proc.	12,200	300	cwt.	4/3,660	10.90	5/39,276
Sweet corn, fresh	21,200	73	cwt.	1,548	14.80	23,065
Sweet corn, processing	39,300	6.40	ton	251.5	72.30	15,116
Tomatoes, fresh	2,600	120	cwt.	312	22.10	9,079
	<i>Acres of Bearing Age</i>	<i>Pounds Per Acre</i>	<i>Unit of production</i>	<i>In Unit Indicated 4/</i>	<i>Dollars/lb.</i>	<i>1,000 dollars</i>
<b>FRUIT 1/</b>	<b>92,700</b>	<b>3/</b>				<b>203,868</b>
Apples 2/	51,000	22,000	mil. lbs.	1,120	.126	141,320
Peaches	1,600	7,500	mil. lbs.	12.0	.461	5,296
Tart cherries	2,600	5,580	mil. lbs.	14.5	.173	2,286
Blueberries	600	2,550	1,000 lbs.	1,500	1.07	1,494
Strawberries	2,200	4,520	1,000 lbs.	9,500	1.01	9,595
Red raspberries	450	3,110	1,000 lbs.	1,400	1.85	2,406
					<i>Dollars/ton</i>	
Pears	2,000	9,000	1,000 tons	9.0	384	3,460
Sweet cherries	750	1,730	1,000 tons	.65	1,720	1,069
Grapes	31,500	8,830	1,000 tons	139	270	36,942
<b>OTHER CROPS 1/</b>						
Floriculture	3/	3/	1,000 sq. ft.	17,772	6.70 \$/sq.ft.	119,058
Maple syrup	3/	3/	1,000 gal.	231	25.50 \$/gal.	5,886

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, 599,000 cwt.; onions, 387,000 cwt.; tart cherries, 1.3 million pounds; sweet cherries, 30 tons; peaches, 0.5 million pounds; grapes, 2,000 tons; blueberries, 100,000 pounds, raspberries, 100,000 pounds. 5/ Value of sales.;

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# CROPS

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## FIELD CROPS

**GRAIN CORN** production totaled 75.4 million bushels, up 12 percent from the 1996 level of 67.4 million bushels. Average yield of 116 bushels per acre was up 9 bushels from the previous year. There were 650,000 acres harvested in 1997 compared to 630,000 acres in 1996. The value of production at \$222 million was up 11 percent from last year's \$201 million in 1996. Acres harvested for corn silage were up 7 percent from a year earlier: 545,000 in 1997 versus 510,000 in 1996. Value of production for corn silage, at \$281 million, was up 38 percent from the 1996 value of \$204 million. Silage corn production, at 8.18 million tons, increased 3 percent from 1996 output of 7.91 million tons. Nationally, New York ranked third behind Wisconsin and California in corn silage production.

**WHEAT** production in 1997 totaled 7.56 million bushels, up 17 percent from 1996's production of 6.45 million bushels. Average yield, at 56 bushels per acre in 1997, was up 13 bushels from the 1996 average of 43 bushels per acre. The value of production, at \$25.3 million, was down 6 percent from \$26.8 million in 1996.

**OAT** production increased 80 percent from the previous year to 7.70 million bushels. The number of acres harvested, at 110,000 acres was up 35,000 from a year earlier. Average yield per acre, at 70 bushels, was up 13 bushels from the previous year. The value of New York's oat crop increased 46 percent from \$8.98 million in 1996 to \$13.1 million in 1997.

**RYE** acres harvested for grain, at 8,000 acres, was the same as the previous year. Rye production, at 256,000 bushels, was up 14 percent from a year earlier. The value of

production totaled \$768,000, up 14 percent from \$672,000 in 1996.

**ALL DRY HAY** production was placed at 3.38 million tons, down 2 percent from 1996 output of 3.47 million tons. Value of production, at \$307 million, makes hay the State's number one crop.

**ALFALFA DRY HAY** production was 1.66 million tons, 4 percent below the 1996 crop of 1.73 million tons. Value of production was \$175 million in 1997 versus \$172 million in 1996, a 2 percent increase.

**OTHER DRY HAY** production, which includes clover-timothy, mixed grasses, etc., was 1.72 million tons, 1 percent lower than 1996's level of 1.74 million tons. Value of production, at \$132 million in 1997 was 2 percent more than the \$130 million obtained in 1996.

**POTATO** production increased from 7.98 million cwt. in 1996 to 8.41 million in 1997. Yield per acre averaged 285 cwt., 5 cwt. above 1996. Area harvested was 219,500 acres, up 4 percent from a year before. Value of production totaled \$72.7 million in 1997 compared to a 1996 value of \$58.3 million.

**DRY BEAN** production rose 64 percent to 617,000 cwt. Average yield per acre increased 260 pounds to 1,560 pounds per acre. Acres harvested rose 10,500 to 39,500 acres. The value of production, at \$12.0 million, was up 18 percent over 1996 at \$10.2 million.

## 1997 CROP SUMMARY

The 1997 crop year was characterized by a dry July and early August, which gave way to near ideal conditions the remainder of season. New York production of field crops, vegetables and apples was up in 1997.

A cool, wet **APRIL** slowed land preparation and planting. Soil moisture was rated "mostly adequate to surplus." Temperatures remained below normal during the month causing hay and pasture growth to stall. Corn and oat seedings fell behind normal progress. Cold weather also prevented planting early, warm season vegetables such as lettuce, peppers, and tomatoes. Fruit development progressed slowly.

Cold nights during **MAY** kept soil temperatures low which delayed germination of planted field crops. Drier weather helped accelerate planting progress. By month's end, soils had dried out and were reported as "mostly adequate." Seeding of oat and corn fields caught up to normal. However, wheat fell about a week behind normal development and hay exhibited slow growth due to low temperatures. Hay harvest lagged a week behind normal progress. Fruit development and vegetable development continued to be delayed by the cool spring.

Warm weather finally arrived in **JUNE** bringing ideal conditions for fieldwork. Farmers made considerable planting and haying progress. Corn, dry beans, and soybean plantings returned on schedule. The first cutting of hay was excellent. Wheat was rated in good condition and matured quickly. The lack of measurable rainfall became a concern by the end of the month as soil moisture fell to "short to adequate." As the month progressed, southeastern counties became

extremely dry while Western New York fared much better. Variable rainfall across the state caused a wide range of pasture conditions. Irrigation was widespread but crops remained in generally good condition. Apple and peach producers reported good conditions. There was little disease or insect pressure on fruit and vegetables were rated good.

Dry conditions dominated New York's weather during **JULY**. Rainfall was scattered and insufficient to replenish declining soil moisture, especially in eastern counties. Soil moisture ranged from "very short to adequate." Most areas of the state needed rain. Second cutting of hay was short and quality poor due to lack of moisture. Some farmers didn't take a second cutting of hay. Wheat headed and harvest began mid-month under ideal conditions. Potato and vegetable fields required widespread irrigation. Oat harvest was in full swing by the end of July. Vegetable crops were hurt by the lack of rainfall. Harvesting of early sweet corn and cabbage reached full swing by month's end. Tomatoes were late but condition was good. Apples showed slow but good development. Grape sizes were behind normal in July.

Drought became more uniform across the state during the first half of **AUGUST**. Soil moisture declined to "very short to short." Pastures rated a season low "very poor to fair." Regrowth from the first cuttings of hay were so short that many farmers passed on a second cut. Wheat and oat harvest progressed well ahead of normal, with fields producing heavily. Dry beans and corn in western counties rated in good condition while eastern counties suffered from stress. Most areas of the state needed



substantial rain. Welcomed relief came in the middle of August. Showers alleviated signs of drought on most crops. New York received above normal rainfall the later part of August. The precipitation replenished soil moisture and crops recovered quickly. Hay fields greened-up but it became difficult to make dry hay due to wet conditions. Oat harvest neared completion by the end of August, ten days ahead of schedule. Showers helped corn pollination and ear development. Vegetable harvest was in full swing during August. Farmers busily picked sweet corn, cabbage, snap beans, and tomatoes. Fields without irrigation produced poor yields and stunted growth. Rains the last half of August helped size fruit. Peach harvest was well underway. Pears and early varieties of apples were being picked.

Rain continued the first half of **SEPTEMBER** which improved soil moisture but slowed harvesting activities. Soil moisture was rated "mostly adequate to surplus." Precipitation was light the second half of the month, with cool nights and warm daytime temperatures. Conditions were ideal for outside activities. The third cutting of hay was slightly ahead of normal, with heavy yields reported. Fourth cuttings were taken. Silage corn chopping was underway. Dry bean and soybean harvest was in high gear by the end of September. Potato digging continued. Vegetable harvest neared completion with onion harvest very active. By the end of the month, 90 percent of the sweet corn was harvested. Pumpkins and squash filled farm stand shelves. Fruit harvest was in full swing. Peach harvest wound down while grape harvest began. McIntosh apples were picked as late varieties ripened.

Despite some rain during **OCTOBER**, fieldwork continued at a good pace. Soil moisture was "adequate to surplus." Fields dried but remained on the wet side. The first of October brought the first widespread hard frost. Grain corn had a hard time drying down, so harvest proceeded slowly. Corn silage harvest was slightly ahead of normal. Yields from late cuttings of haylage and dry hay were good.

The fall rains bolstered late planted dry bean and soybean yields. Bean harvest neared completion by the end of the month. Pasture and hay fields had adequate moisture to winter over well. Apple picking and cider making were in full swing. Late varieties of grapes were finishing up by the end of October. Vegetable harvest was limited to a few late season crops like cabbage, pumpkins, and beets.

Table 10. **FIELD CROPS:** Acres, Yield, Production, and Value, 1988-1997

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars per bu.</i>	<i>1,000 dollars</i>
<b>WHEAT</b>						
1988	95	90	55.0	4,950	3.50	17,325
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	140	135	56.0	7,560	3.40	25,326
<b>OATS</b>						
1988	180	145	52.0	7,540	2.18	16,437
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	59.0	5,310	1.65	8,762
1996	90	75	57.0	4,275	2.10	8,978
1997	120	110	70.0	7,700	1.70	13,090
<b>RYE</b>						
1988	100	12	33.0	396	2.35	931
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	8	32.0	256	3.00	768
<b>BARLEY</b>						
1988	19	15	49.0	735	2.00	1,470
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	21	18	55.0	990	2.00	1,980

Table 10. **FIELD CROPS:** Acres, Yield, Production, and Value, 1988-1997 (Continued)

Crop and Year	Planted <sup>1/</sup>	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>
<b><u>SOYBEANS</u></b>						
1988	35	31	33.0	1,023	7.30	7,468
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	78	77	37.0	2,849	6.35	18,091
1997	110	107	40.0	4,280	6.00	25,680
<b><u>CORN FOR GRAIN</u></b>						
1988	1,070	540	85.0	45,900	2.83	129,897
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	590	116.0	68,440	2.65	181,366
1995	1,100	610	105.0	64,050	3.85	246,593
1996	1,150	630	107.0	67,410	2.98	200,882
1997	1,200	650	116.0	75,400	2.95	222,430
<b><u>CORN SILAGE</u></b>						
			<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	
1988	-	525	13.0	6,825	24.20	165,165
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	-	520	15.8	8,216	22.70	186,503
1995	-	485	14.0	6,790	24.50	166,355
1996	-	510	15.5	7,905	25.80	203,949
1997	-	545	15.0	8,175	34.40	281,220
<b><u>DRY BEANS <sup>2/</sup></u></b>						
			<u>Lbs.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	
1988	27	25.0	1,300	325	30.30	9,848
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	38.0	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	40	39.5	1,560	616	19.50	12,032

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

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

Table 10. **FIELD CROPS:** Acres, Yield, Production, and Value, 1988-1997 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars per bu.</i>	<i>1,000 dollars</i>
<b><u>ALFALFA HAY</u></b>						
1988	-	880	2.70	2,376	-	-
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	105.00	174,720
<b><u>OTHER HAY</u></b>						
1988	-	1,190	1.95	2,321	-	-
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	-	860	2.00	1,720	77.00	132,440
<b><u>All HAY 1/</u></b>						
1988	-	2,070	2.27	4,697	75.50	354,624
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	-	1,500	2.26	3,384	89.50	307,160

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

Table 11. **POTATOES:** Acreage, Yield, Production, and Disposition, Sales, and Value, 1988-1997

Crop Year	Planted	Harvested	Yield per acre	Production	Used on farms where grown <sup>1/</sup>	Sold	Marketing year average price	Value	
								Production	Sales
	<i>Acres</i>	<i>Acres</i>	<i>Cwt.</i>	----- <i>1,000 cwt.</i> -----		<i>Dollars per cwt.</i>		<i>1,000 dollars</i>	
1989	30,000	28,800	230	6,628	383	6,245	8.70	57,712	54,390
1990	29,000	28,500	277	7,890	430	7,460	7.40	58,497	55,292
1991	29,600	29,500	234	6,917	542	6,375	8.70	60,328	55,620
1992	28,200	27,000	289	7,808	1,043	6,765	6.65	52,010	45,009
1993	28,800	28,200	273	7,693	585	7,108	8.20	62,971	58,194
1994	29,100	28,600	273	7,805	548	7,257	9.75	76,190	70,814
1995	29,000	28,500	270	7,695	445	7,250	7.45	57,328	54,013
1996	29,000	28,500	280	7,980	510	7,470	7.40	59,052	55,278
1997	30,000	29,500	285	7,700	500	7,200	8.75	67,375	63,000
1998					<u>2/</u>	<u>2/</u>			<u>2/</u>

<sup>1/</sup> Includes feed and seed used on farms where produced and shrinkage during storage.

<sup>2/</sup> Available September 21, 1998.

Table 12. **POTATOES:** Stocks Held by Growers and Local Dealers, 1988-1997 <sup>1/</sup>

Crop Year	December 1	January 1	February 1	March 1	April 1
	<i>1,000 cwt.</i>				
1988	3,650	2,850	2,150	<u>2/</u>	<u>2/</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	4,000	2,800	1,400	600	250

<sup>1/</sup> 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.

<sup>2/</sup> Not published to avoid disclosure of individual operations.

Table 13. **DRY BEANS:** Acreage, Yield, Production, and Off-Farm Stocks, by Class, 1988-1997

Crop Year	Acres		Yield per acre	Production	Off-Farm Stocks		
	Planted	Harvested			Jan. 1	Apr. 1	Sept. 1
	<i>1,000 acres</i>		<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		
<b>RED KIDNEY</b>							
1988	18.0	17.0	12.4	211	83	38	3
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	22.5	22.0	15.8	348	80	60	<u>2/</u>
1997 Dark	2.0	2.0	16.5	33	<u>1/</u>	<u>1/</u>	<u>2/</u>
<b>BLACK</b>							
1988	6.3	5.6	15.0	84	45	20	1
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	11.5	11.5	15.3	176	58	35	<u>2/</u>
<b>OTHER CLASSES</b>							
1988	2.7	2.4	12.5	30	18	9	1
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>	<u>2/</u>
<b>ALL CLASSES</b>							
1988	27.0	25.0	13.0	325	146	67	5
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	40.0	39.5	13.0	617	159	127	<u>2/</u>

1/ Included in total to avoid disclosure of individual operations.2/ Available September 1998.

Table 14. **CORN:** Acreage Utilization, 1988-1997

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
		<i>1,000 acres</i>					
1988	1,070	540	325	155	60	525	5
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	590	430	125	35	520	0
1995	1,100	610	450	130	30	485	5
1996	1,150	630	435	175	20	510	10
1997	1,200	650	490	130	30	545	5

Table 15. **HAY:** Stocks on Farms, 1988-1997

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1	
		Stocks	Percent of production	Stocks	Percent of production
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Percent</i>	<i>1,000 tons</i>	<i>Percent</i>
1988	4,697	2,818	60	798	17
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	3,384	1,956	58	555	16

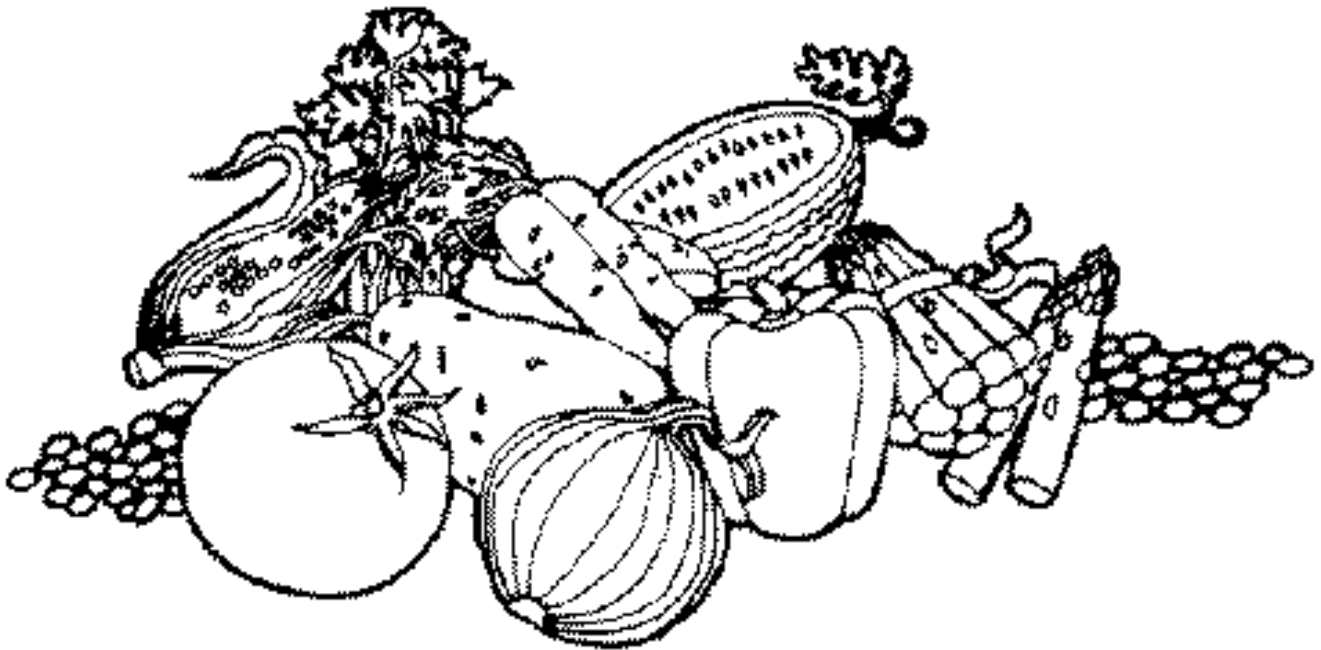
**NEW YORK FEED GRAIN  
SURPLUS IN 1997**

New York feed grain production rose 15 percent in 1997 due to an excellent grain corn harvest. The jump was enough to give New York a feed grain surplus of 208,000 tons after running deficits for many years. The number of grain consuming animal units declined 1 percent from the previous year, and the quantity of grain fed per animal decreased slightly from 1996.

Although the feed grain deficit had been declining from the levels seen in the 1970's and 1980's, feed grain was being 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 1996 met 94 percent of the State's feeding requirements. In 1997 it met 110 percent of the State's feeding requirements.

Table 16. **FEED GRAIN:** Production and Quantities Fed, 1988-1997

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
	<i>1,000 tons</i>		
1988	1,424	2,198	774
1989	1,643	2,163	520
1990	1,844	2,207	363
1991	1,903	2,209	306
1992	1,862	2,220	358
1993	1,824	2,185	361
1994	2,042	2,113	71
1995	1,894	2,132	238
1996	1,971	2,103	132
1997	2,258	2,050	+208





# VEGETABLES

The value of New York's 1997 vegetable production totaled \$204 million, 35 percent higher than the \$151 million value of the 1996 vegetable crop. The value of the Empire State's principle fresh market vegetables at \$160 million is up 51 percent from 1996, while the value of the principle processing vegetables at \$43.3 million decreased 3 percent from last year.

The year-end estimate of production for the principle New York vegetable crops grown for fresh market in 1997 is 13.6 million hundredweight (cwt.). This is an increase of 33 percent from the 10.2 million cwt. produced in 1996 and 3 percent higher than the 13.2 million cwt. produced in 1995.

New York's fresh market **CABBAGE** production for 1997, estimated at 6.53 million cwt., is up 35 percent from 1996's production of 4.80 million cwt. New York ranks first in the nation for the production of fresh market cabbage.

New York's fresh market **SWEET CORN** production for 1997 is estimated at 1.55 million cwt., down 1 percent from the 1.57 million cwt. crop of 1996. Fresh market **SNAP BEAN** production for 1997, estimated at 304,000 cwt. is up 95 percent from last year's crop of 156,000 cwt.

**ONION** production in New York for both fresh market and processing sales is estimated at 3.66 million cwt. for 1997. This is an increase of 34 percent from the 2.74 million cwt. produced in 1996 but 9 percent below 1995.

The 1997 production estimate for New York's principle processing **VEGETABLE CROPS** is 510,000 tons, 18 percent higher than the 433,000 tons produced in 1996. The state's production during 1997 of **SNAP BEANS** for processing is estimated at 77,500 tons, 10 percent higher than the 70,700 tons grown in 1996. Production of **SWEET CORN** for processing is estimated at 252,000 tons, 12 percent above the 225,000 tons produced in 1996. **GREEN PEA** processing production in 1997 is estimated at 40,200 tons, 46 percent greater than 1996 production levels. Production of **CABBAGE FOR KRAUT** at 69,200 tons is 49 percent higher than the 46,500 tons produced in 1996. New York ranked second in the nation in the production of cabbage for kraut in 1997.

Table 17. **PRINCIPAL VEGETABLES FOR FRESH MARKET <sup>1/</sup>**

Year	Planted	Harvested	Production	Value
	<i>1,000 acres</i>		<i>1,000 cwt.</i>	<i>Million dol.</i>
1988	72.6	65.8	11,348	168.5
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	66.1	62.0	13,113	187.9
1994	66.5	62.7	13,919	168.5
1995	66.7	62.8	13,229	169.6
1996	60.2	56.6	10,174	106.5
1997	63.4	60.1	13,576	160.3

<sup>1/</sup> Includes processing totals for dual usage crops (carrots 1988-1992; cauliflower 1988-1997).

Table 18. **PRINCIPAL VEGETABLES FOR PROCESSING <sup>1/</sup>**

Year	Planted	Harvested	Production	Value
	<i>1,000 acres</i>		<i>1,000 tons</i>	<i>Million dol.</i>
1988	71.9	69.4	290.0	24.1
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

<sup>1/</sup> Beginning in 1993, includes carrots.

Table 19. **VEGETABLES FOR FRESH MARKET:** Acres, Yield, Production, and Value, 1988-1997

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>
<b><u>CARROTS 1/</u></b>						
1988	1,300	1,200	350	420	9.60	4,030
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
<b><u>CAULIFLOWER 1/</u></b>						
1988	3,100	2,600	108	282	26.60	7,493
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	150	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
<b><u>CUCUMBERS</u></b>						
1988	3,200	3,100	115	357	17.10	6,105
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	4,300	4,100	100	410	17.30	7,093
1997	3,400	3,300	200	660	21.40	14,124
<b><u>LETTUCE</u></b>						
1988	3,100	2,600	180	468	14.60	6,833
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

1/ Includes quantities used for processing, carrots 1988-1992, cauliflower 1988-1995.

Table 19. **VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1988-1997 (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>
<b>SNAP BEANS</b>						
1988	4,400	4,100	40	164	32.30	5,297
1989	6,200	6,000	53	318	34.30	11,907
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	5,100	4,900	62	304	54.80	16,659
<b>SWEET CORN</b>						
1988	27,800	24,800	70	1,736	14.30	24,825
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	25,500	24,400	100	2,440	12.70	30,988
1995	25,800	24,000	85	2,040	18.90	38,556
1996	22,200	20,900	75	1,568	14.80	23,206
1997	23,000	21,200	73	1,548	14.90	23,065
<b>TOMATOES</b>						
1988	2,500	2,400	160	384	45.40	17,434
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	2,800	2,600	120	312	29.10	9,079

Table 20. **CABBAGE FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1988-1997**

Crop Year	Planted	Harvested	Yield per acre	Production	Sales <sup>1/</sup>	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>
1988	13,600	12,900	344	4,400	4,061	12.90	52,387	1,170
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	14,100	13,600	410	5,576	5,245	8.91	46,733	1,250
1994	13,300	12,500	450	5,625	5,056	8.48	42,875	1,320
1995	13,800	13,400	420	5,628	5,034	8.90	47,081	1,390
1996	12,500	12,000	400	4,800	4,280	8.08	34,582	1,263
1997	14,000	13,600	480	6,528	5,929	7.68	45,535	1,725

<sup>1/</sup> Excludes quantities lost from shrinkage and waste.

Table 21. **ONIONS FOR FRESH MARKET:** Acres, Yield, Production, and Value, 1988-1997

Crop Year	Planted	Harvested	Yield per acre	Production	Sales <sup>1/</sup>	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>
1988	13,200	11,700	250	2,925	2,451	16.50	40,505
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	9.77	22,911
1997	12,500	12,200	300	3,660	3,273	12.00	39,276

<sup>1/</sup> Excludes quantities lost from shrinkage and waste.

Table 22. **ONIONS:** Acres, Yield, and Production, by Area, 1988-1997

Year	Orange County	Orleans-Genesee <sup>1/</sup>	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
<b>HARVESTED ACRES</b>							
1988	5,300	2,900	1,500	800	700	500	11,700
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
<b>YIELD PER ACRE - CWT.</b>							
1988	250	240	320	180	240	224	250
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
<b>PRODUCTION - 1,000 CWT.</b>							
1988	1,325	696	480	144	168	112	2,925
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

<sup>1/</sup> Includes small acreages in Livingston and Niagara Counties.

Table 23. **VEGETABLES FOR PROCESSING:** Acres, Yield, Production, and Value, 1988-1997

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>
<b>BEETS</b>						
1988	1,900	1,740	18.57	32,312	48.90	1,580
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
<b>CABBAGE FOR KRAUT</b>						
1988	2,100	2,100	26.67	56,000	34.70	1,943
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
<b>GREEN PEAS</b>						
1988	9,800	9,700	1.20	11,640	290.00	3,376
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
<b>SNAP BEANS</b>						
1988	29,500	28,000	1.89	52,920	161.00	8,520
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

Table 23. **VEGETABLES FOR PROCESSING:** Acres, Yield, Production, and Value, 1988-1997 (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>
<b><u>SWEET CORN</u></b>						
1988	25,600	25,000	3.80	95,000	55.70	5,292
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
<b><u>CARROTS</u></b>						
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



# FRUITS AND BERRIES

The value of New York's 1997 tree fruit and grape production totaled \$204 million, down 2 percent from the 1996 value of \$208 million. The value of utilized production was above the previous year for all fruits except pears, grapes, and strawberries.

The 1997 **APPLE** crop in New York was up 9 percent to 1.12 billion pounds. McIntosh was the leading variety produced in the State, accounting for 19 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 \$141 million.

**GRAPE** production in New York decreased 26 percent from 1996 to 139,000 tons. Fresh grapes totaled 3,000 tons while 134,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 67 percent of the total grapes processed with the remaining 33 percent going for wine.

The value of the 1997 grape crop is estimated at \$36.9 million, 16 percent below the 1996 crop value. New York ranked third in grape production behind California and Washington.

New York's **TART CHERRY** crop is estimated at 14.5 million pounds, down 24 percent from the 1996 crop of 19.0 million pounds. The value of utilized production is estimated at \$2.29 million. New York ranked third nationally in tart cherry production behind Michigan and Utah.

New York **SWEET CHERRY** production, at 650 tons, is down 7 percent from the 700 tons produced in 1996. The 1997 crop is valued at \$1.07 million compared to \$854,000 a year ago. New York ranks eighth nationally in sweet cherry production.

**PEACH** production for the Empire State was placed at 12.0 million pounds, unchanged from the amount produced last year. The value of the 1997 crop, at \$5.30 million, is up 32 percent from 1996.

Production of **PEARS** in New York is estimated at 9,000 tons, down 40 percent from the 1996 output of 15,000 tons. The 1997 crop is valued at \$3.46 million, down 40 percent from 1996. New York ranks fourth nationally in pear production.

**STRAWBERRY** production, at 9.5 million pounds, was up 16 percent from the 8.2 million pounds produced in 1996. The 1997 crop is valued at \$9.60 million compared with \$9.84 million a year ago. New York ranks seventh in strawberry production.

Cultivated **BLUEBERRY** production for 1997 was estimated at 1.5 million pounds. Utilized production totaled 1.4 million pounds with a total value of production of \$1.49 million. New York ranks ninth nationally in blueberry production.

Table 24. **FRUIT:** Production and Value of Major Fruits, 1988-1997 <sup>1/</sup>

Year	Utilized Production	Value
	<i>Tons</i>	<i>1,000 dollars</i>
1988	654,170	160,697
1989	673,580	165,394
1990	675,700	192,849
1991	759,500	213,044
1992	793,460	176,006
1993	589,240	159,539
1994	775,020	192,729
1995	754,170	191,726
1996	732,500	207,651
1997	725,070	203,868

<sup>1/</sup> 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, 1988-1997

Crop Year	Acres of bearing age	Production		Value	
		Total	Utilized production	Marketing year average price 1/	Value of utilized production
	<i>Thousands</i>	<i>Million pounds</i>		<i>Cents per lb.</i>	<i>1,000 dollars</i>
1988	61.0	910	910	10.80	98,325
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	51.0	1,120	1,120	12.60	141,320

1/ Packinghouse door equivalent.

Table 26. **APPLES:** Utilization and Price, 1988-1997

Crop Year	Fresh Use		Processed			
	Quantity	Marketing year average price 1/	Total	Marketing year average price 1/	Canned	Marketing year average price 1/
	<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>
1988	405	15.3	505	143	290	160
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

Crop Year	Processed					
	Juice and Cider	Marketing year average price 1/	Frozen	Marketing year average price 1/	Other 2/	Marketing year average price 1/
	<i>Million lbs.</i>	<i>\$ per ton</i>	<i>Million lbs.</i>	<i>\$ per ton</i>	<i>Million lbs.</i>	<i>\$ per ton</i>
1988	135	98	50	164	30	154
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

1/ Packinghouse door equivalent.

2/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.



Table 27. **APPLES:** Total Production, by Variety, 1988-1997

Variety	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	<i>Million pounds</i>									
Cortland	66	70	65	80	80	60	80	80	75	80
Crispin (Mutsu)	15	20	15	20	15	10	20	25	30	40
Delicious	123	95	110	120	140	85	115	115	115	120
Empire	42	50	55	55	65	65	80	95	110	130
Golden Delicious	52	45	55	50	55	40	50	40	40	40
Idared	71	75	85	80	90	75	85	80	70	80
Jerseymac 1/								10	10	10
Jonagold 1/								15	20	25
Jonamac 1/								15	15	20
Macoun 1/								10	15	15
McIntosh	152	195	190	240	280	175	250	235	220	215
Northern Spy	16	17	15	20	20	25	20	15	10	15
Paula Red 1/								15	10	15
R.I. Greening	109	135	95	125	135	110	115	105	90	75
Rome	133	110	155	130	145	110	150	155	120	155
Spartan 1/								15	10	20
Twenty Ounce	38	50	45	40	40	40	40	35	25	25
Other	93	98	105	90	105	75	95	50	45	40
All Varieties	910	960	990	1,050	1,170	870	1,100	1,110	1,030	1,120
	<i>Thousand bushels (42 pounds per bushel)</i>									
All Varieties	21,667	22,857	23,571	25,000	27,857	20,714	26,190	26,429	24,524	26,667

1/ Estimates began in 1995.

Table 28. **APPLES:** Receipts and Utilization at New York Processing Plants and Cider Mills, 1988-1997

Crop Year	Total received 1/	Receipts from other states 2/	Used for canning and applesauce	Used for juice and cider	Used for freezing	Other products 3/	Cider and juice made 4/
	<i>Million pounds</i>						<i>Thous. gal.</i>
1988	511.0	60.6	288.4	147.4	41.0	32.6	13,215
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

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, 1988-1997

Crop Year	Plants in operation	Plants Making		
		Juice and Cider	Canned apple products 1/	Frozen apple products
1988	93	83	7	4
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

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

Table 30. **APPLES:** Holdings in Cold Storage, End of Month, 1988-1997

Month	Total Holdings 1/									
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	<i>1,000 bushels</i>									
<b><u>EASTERN NEW YORK 2/</u></b>										
September	1,970	1,994	2,286	2,772	1,523	1,364	2,010	2,219	2,059	-
October	3,962	3,225	4,502	4,274	4,623	4,222	3,792	3,554	3,253	-
November	4,211	2,988	4,049	3,787	4,486	3,649	3,617	3,122	3,390	-
December	3,831	2,584	3,331	3,269	3,843	3,036	3,076	2,797	2,818	-
January	3,271	2,176	2,987	2,653	3,376	2,546	2,456	2,257	2,127	-
February	2,548	1,661	2,151	1,979	2,705	1,953	1,906	1,540	1,815	-
March	1,838	1,306	1,484	1,329	1,806	1,405	1,250	1,107	1,239	-
April	924	833	696	646	1,181	877	752	692	639	-
<b><u>WESTERN NEW YORK 2/</u></b>										
September	1,200	960	1,283	2,190	1,154	922	1,153	1,512	1,260	-
October	3,713	3,172	4,070	4,448	4,492	4,099	4,588	4,585	4,638	-
November	4,209	3,752	3,825	4,134	4,713	3,771	4,730	4,739	4,745	-
December	3,595	3,392	3,208	3,641	4,327	3,427	4,245	4,222	4,203	-
January	2,831	2,662	2,563	2,782	3,764	2,819	3,503	3,532	3,514	-
February	2,148	2,092	1,870	2,072	3,032	2,261	2,867	2,798	2,944	-
March	1,514	1,418	1,253	1,360	2,053	1,533	1,858	2,069	2,210	-
April	992	924	754	834	1,481	1,133	1,135	1,223	1,302	-
<b><u>TOTAL NEW YORK</u></b>										
September	3,170	2,954	3,569	4,962	2,677	2,286	3,163	3,731	3,319	3,715
October	7,675	6,397	8,572	8,722	9,115	8,321	8,380	8,139	7,891	8,874
November	8,420	6,740	7,874	7,921	9,199	7,420	8,347	7,861	8,135	9,279
December	7,426	5,976	6,539	6,910	8,170	6,463	7,321	7,019	7,021	8,429
January	6,102	4,838	5,550	5,435	7,140	5,365	5,959	5,789	5,641	7,302
February	4,696	3,753	4,021	4,051	5,737	4,214	4,773	4,338	4,759	6,056
March	3,352	2,724	2,737	2,689	3,859	2,938	3,108	3,176	3,449	4,752
April	1,916	1,757	1,450	1,480	2,662	2,010	1,887	1,915	1,941	3,182
May	965	798	625	605	1,468	1,116	840	1,037	1,016	2,150
June	360	303	240	161	535	421	286	415	440	1,286
July	129	158	106	61	252	3/	68	243	201	751
August	43	52	117	66	3/	3/	3/	3/	3/	
	Controlled Atmosphere Storage 1/									
	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	<i>1,000 bushels</i>									
<b><u>EASTERN NEW YORK 2/</u></b>										
September	1,266	1,315	1,441	1,825	782	909	1,278	1,658	1,496	-
October	2,455	2,348	3,265	3,007	3,439	3,338	2,684	2,638	2,529	-
November	3,363	2,407	3,228	3,136	3,451	3,138	2,957	2,595	2,805	-
December	3,327	2,293	3,018	2,954	3,320	2,774	2,791	2,602	2,650	-
January	3,087	2,061	2,782	2,544	3,154	2,406	2,342	2,221	2,080	-
February	2,488	1,627	2,050	1,969	2,592	1,917	1,889	1,535	1,806	-
March	1,808	1,303	1,436	1,310	1,764	1,396	1,246	1,093	1,237	-
April	912	830	672	642	1,146	875	746	692	638	-
<b><u>WESTERN NEW YORK 2/</u></b>										
September	365	272	324	778	396	347	526	679	515	-
October	1,500	1,350	1,642	1,896	2,218	2,367	2,386	2,571	2,531	-
November	1,790	1,655	1,763	1,935	2,305	2,338	2,530	2,749	2,649	-
December	1,781	1,683	1,770	2,087	2,473	2,333	2,499	2,702	2,661	-
January	1,708	1,649	1,683	1,794	2,425	2,136	2,205	2,444	2,450	-
February	1,481	1,494	1,358	1,495	2,192	1,848	1,919	2,085	2,183	-
March	1,295	1,201	968	1,060	1,704	1,324	1,360	1,687	1,739	-
April	923	856	655	659	1,362	1,014	934	1,073	1,121	-
<b><u>TOTAL NEW YORK</u></b>										
September	1,631	1,587	1,765	2,603	1,178	1,256	1,804	2,337	2,011	2,294
October	3,955	3,698	4,907	4,903	5,657	5,705	5,070	5,209	5,060	5,115
November	5,153	4,062	4,991	5,071	5,756	5,476	5,487	5,344	5,454	6,164
December	5,108	3,976	4,788	5,041	5,793	5,107	5,290	5,304	5,311	6,197
January	4,795	3,710	4,465	4,338	5,579	4,542	4,547	4,665	4,530	5,720
February	3,969	3,121	3,408	3,464	4,784	3,765	3,808	3,620	3,989	4,923
March	3,103	2,504	2,404	2,370	3,468	2,720	2,606	2,780	2,976	3,990
April	1,835	1,686	1,327	1,301	2,508	1,889	1,680	1,765	1,759	2,730

1/ Crop harvested in year indicated.

2/ Eastern and Western breakouts discontinued with 1997 crop.

3/ Not published to avoid disclosure of individual operations.

Table 31. **TART CHERRIES:** Bearing Acres, Production, Utilization, and Value, 1988-1997

Crop year	Acres of bearing age	Production				Fresh Use		Processed	
		Total	Utilized <sup>1/</sup>	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>	
1988	5.2	22.0	21.5	22.5	4,835	0.3	43.0	21.2	22.2
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

<sup>1/</sup> Excludes mature fruit not harvested.

Table 32. **SWEET CHERRIES:** Bearing Acres, Production, and Value, 1988-1997

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized <sup>1/</sup>		
	<i>Thous.</i>	<i>Tons</i>	<i>\$ per ton</i>	<i>1,000 dol.</i>	
1988	0.7	1,400	1,270	820	1,042
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

<sup>1/</sup> Excludes mature fruit not harvested.

Figure 2. **RELATIVE VALUE OF NEW YORK FRUIT CROPS, 1997** (Million Dollars)

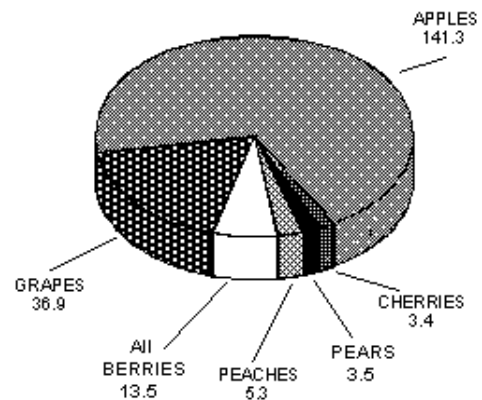


Table 33. **PEACHES:** Bearing Acres, Production, and Value, 1988-1997

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized <sup>1/</sup>		
	<i>Thous.</i>	<i>Million pounds</i>	<i>¢ per lb.</i>	<i>1,000 dol.</i>	
1988	2.1	14.1	13.7	27.2	3,726
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

<sup>1/</sup> Excludes mature fruit not harvested.

Production, and Value, 1988-1997

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized <sup>1/</sup>		
	<i>Thous.</i>	<i>Tons</i>	<i>\$ per ton</i>	<i>1,000 dol.</i>	
1988	2.8	17,300	17,300	235	4,061
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	9,000	9,000	384	3,460

<sup>1/</sup> Excludes mature fruit not harvested.

Table 34. **PEARS:** Bearing Acres,

Table 35. **GRAPES:** Bearing Acres, Production, Utilization, and Value, 1988-1997

Crop Year	Acres of bearing age	Production				Fresh Use	
		Total all varieties	Utilized all varieties <sup>1/</sup>	Marketing year average price	Value of utilized production	Quantity	Marketing year average price
	<i>Thous.</i>	<i>Tons</i>	<i>Tons</i>	<i>\$ per ton</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>\$ per ton</i>
1988	35.8	157,000	157,000	254	39,936	4,900	452
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	238	43,800	4,000	600
1997	31.5	139,000	137,000	270	36,942	3,000	790
Crop Year	Processed						
	Quantity	Marketing year average price	Wine	Marketing year average price	Sweet Juice and Other	Marketing year average price	
	<i>Tons</i>	<i>\$ per ton</i>	<i>Tons</i>	<i>\$ per ton</i>	<i>Tons</i>	<i>\$ per ton</i>	
1988	152,100	248	61,500	233	90,600	258	
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	230	58,000	282	122,000	205	
1997	134,000	258	44,000	328	90,000	224	

Table 36. **GRAPES:** Total Grapes Processed in New York Plants, 1988-1997 <sup>1/</sup>

Crop Year	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
	<i>Tons</i>				
1988	121,169	23,378	74,801	69,746	144,547
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

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

Table 37. **GRAPES:** New York Grown Grapes Processed, by Variety, 1988-1997 <sup>1/</sup>

Variety	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<b>American Varieties:</b>										
Catawba	11,740	7,887	9,855	13,252	10,124	6,636	10,116	8,700	7,900	7,335
Concord	108,278	100,150	97,551	134,357	123,919	82,914	136,000	111,000	139,000	96,600
Delaware	3,879	3,237	2,741	4,051	1,937	2,407	2,316	2,350	1,650	1,010
Ives <sup>3/</sup>										130
Elvira	2,518	4,227	3,662	4,501	3,606	3,533	4,826	4,600	5,100	4,110
Niagara	8,262	11,962	9,188	9,934	9,676	9,623	15,300	15,600	10,700	12,800
<b>French Hybrids:</b>										
Aurora	6,359	8,538	6,754	7,963	7,204	3,121	6,282	5,250	4,900	3,295
Baco Noir	801	1,202	1,141	1,695	1,449	824	923	1,300	1,200	670
Cayuga White	1,124	1,311	895	1,107	1,143	313	523	740	1,000	630
DeChaunac	1,949	2,484	2,010	2,611	1,385	1,363	1,126	1,450	910	575
Rougeon	800	586	783	1,046	587	414	735	800	720	585
Seyval Blanc	1,259	1,185	1,311	1,361	1,215	575	678	900	900	600
<b>Vitis Vinifera, All</b>	1,863	1,946	2,064	2,919	2,422	1,115	1,134	3,435	3,700	3,650
<b>Other Varieties <sup>2/</sup></b>	2,610	2,714	2,584	3,653	2,969	1,939	2,743	2,625	2,200	2,010
<b>TOTAL</b>	152,100	148,000	141,000	189,000	168,000	115,000	183,000	159,000	180,000	134,000

<sup>1/</sup> Includes New York grown grapes received at out-of-state plants.

<sup>2/</sup> Includes other American and French Hybrid varieties not shown.

<sup>3/</sup> Estimates began in 1997.

Table 38. **GRAPES:** New York Grown Grapes Processed, by Area of Production, 1988-1997 <sup>1/</sup>

Crop Year	Chautauqua-Erie <sup>2/</sup>	Niagara County	Finger Lakes <sup>3/</sup>	Other <sup>4/</sup>	State Total
	<i>Tons</i>				
1988	102,672	4,652	41,909	2,867	152,100
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

<sup>1/</sup> Includes New York grown grapes received at out-of-state plants.

<sup>2/</sup> Includes Cattaraugus County.

<sup>3/</sup> Includes Ontario, Seneca, Schuyler, Steuben and Yates Counties.

<sup>4/</sup> Includes Hudson Valley, Long Island and other areas not listed.

Table 39. **BERRIES:** Bearing Acres, Yield, Production, and Value, 1988-1997

Crop Year	Acres of bearing age	Harvested	Production		Marketing year average price	Value of utilized production
			Total	Utilized		
	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>		<i>\$ per cwt.</i>	<i>1,000 dol.</i>
<b><u>STRAWBERRIES</u></b>						
1988	2,700	2,500	12,000		73.10	8,772
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	2,900	2,700	16,200		136.00	22,032
1994	2,600	2,600	10,400		112.00	11,648
1995	2,600	2,400	8,400		107.00	8,988
1996	2,200	2,100	8,200		120.00	9,840
1997	2,200	2,100	9,500		101.00	9,595
<b><u>BLUEBERRIES</u></b>						
					<i>\$ per lb.</i>	
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	600	550	1,100	1,000	1.02	1,021
1997	600	550	1,500	1,400	1.07	1,494
<b><u>RED RASPBERRIES</u></b>						
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

Table 40. **FRUIT:** Yield Per Acre of Bearing Age, 1988-1997 <sup>1/</sup>

Fruit	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	<i>Pounds</i>									
Apples	14,900	16,600	17,700	19,100	20,900	15,500	19,300	19,300	17,900	22,000
Sweet Cherries	4,000	4,160	3,340	5,000	4,400	3,120	4,000	4,880	2,800	1,730
Tart Cherries	4,230	6,200	3,510	6,380	7,750	3,930	6,500	8,000	5,430	5,580
Peaches	6,710	5,950	6,670	7,890	7,370	5,630	4,380	7,190	7,500	7,500
Pears	12,360	11,780	12,680	12,600	13,760	12,500	13,340	11,600	12,500	9,000
Grapes	8,780	8,560	8,720	11,820	10,900	7,260	11,520	10,000	11,450	8,830
Blueberries <sup>2/</sup>					2,000	3,000	1,970	1,830	1,820	2,550
Strawberries	4,440	5,360	5,640	4,870	3,000	6,000	4,000	3,500	3,900	4,520
Red Raspberries <sup>3/</sup>								2,180	2,220	3,110

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

<sup>2/</sup> Estimates began 1992.

<sup>3/</sup> Estimates began 1995.

## FLORICULTURE

Increased value of sales for potted flowering plants, bedding and garden plants, and flowering hanging baskets more than offset decreases for cut flowers and foliage for indoor or patio use. Bedding and garden plants again had the highest value of sales, at \$70.3 million. This is an increase of \$17.7 million from 1996. Potted flowering plants was second with a value of sales of \$27.6 million, an increase of \$3.42 million. Third was flowering hanging baskets at \$8.22 million, an increase of \$507,000. Fourth was cut flowers at \$5.94 million, a decrease of \$893,000. Next was foliage for indoor or patio use which decreased \$150,000 to \$5.94 million.

Other flowering and foliar type bedding plants in flats led all categories in New York during 1997 with a wholesale value of \$12.7 million and were grown on 5.43 million square feet. Flats of impatiens were second with \$10.5 million and were grown on 3.04 million square feet. Following in order of their wholesale value; finished florist azaleas were third with \$10.3 million grown on 2.10 million square feet, poinsettias were fourth with \$7.45 million grown on 3.23 million square feet. Fifth was other potted, flowering and foliar bedding plants at 5.06 million grown on 1.68 million square feet.

Table 41. **FLORICULTURE:** Growers and Growing Area, 1993-1997 <sup>1/</sup>

	1993	1994	1995	1996	1997
<b>Commercial Growers</b> (Number)	578	576	548	569	516
<b>Growing Area:</b> Open Ground (Acres)	379	383	351	410	445
<b>Cover:</b> Total Greenhouse (1,000 sq. ft.)	19,104	19,920	18,187	19,301	17,413
Shade & Temporary (1,000 sq. ft.)	313	307	434	511	359
Total Covered Area (1,000 sq. ft.)	19,417	20,227	18,621	19,812	17,772

<sup>1/</sup> Includes growers with sales of \$10,000 or more.

Table 42. **FLORICULTURE:** Value of Sales by Plant Category, 1993-1997 <sup>1/</sup>

Plant Category	1997 Rank	1993	1994	1995	1996	1997
		<i>1,000 dollars</i>				
Cut Flowers	10	14,240	8,023	7,615	6,837	5,944
Potted Flowering Plants	9	29,139	33,190	31,944	24,234	27,649
Total Foliage for Indoor or Patio Use	21	3,258	2,451	2,165	1,636	1,486
Bedding/Garden Plants	-	54,133	57,999	61,339	52,578	70,306
Flowering Hanging Baskets	-	10,896	8,094	7,172	7,716	8,223
Total of Reported Crops <sup>2/</sup>	7	111,666	109,757	110,232	93,008	105,408
Grower Sales \$10,000-\$99,999 (Unspecified crops)		16,140	15,480	15,960	15,615	13,650
<b>TOTAL COMMERCIAL SALES</b>	<b>7</b>	<b>127,806</b>	<b>125,237</b>	<b>126,192</b>	<b>108,623</b>	<b>119,058</b>

<sup>1/</sup> 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.

<sup>2/</sup> Includes cut cultivated greens.

Table 43. **FLORICULTURE:** Production, Sales, and Value,  
by Type of Plant, 1993-1997

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 1/ (Thousands)
	<u>Number</u>	<u>Sq. ft.</u>	<u>Blooms</u>	<u>Dollars</u>
<b><u>CUT FLOWERS</u></b>				
<u>Chrysanthemums - Standard</u>				
1993	14	63	353	269
1994	11	74	376	267
1995	9	57	350	218
1996	10	49	343	224
1997	9	45	104	149
<u>Chrysanthemums - Pompon</u>				
			<u>Bunches</u>	
1993	16	61	75	210
1994	13	39	39	129
1995	9	26	23	87
1996	7	18	18	144
1997	9	15	18	144
<u>Gladioli</u>				
		<u>Acres</u>	<u>Spikes</u>	
1993	12	6	120	56
1994	9	5	98	39
1995	8	3	83	33
1996	7	4	89	36
1997	8	6	106	42
<u>Roses, Hybrid Tea</u>				
			<u>Blooms</u>	
1993	13	821	13,655	8,138
1994	9	416	7,608	5,127
1995	7	372	7,069	4,810
1996	6	375	6,339	4,101
1997	6	438	5,398	3,708
<u>Roses, Sweetheart</u>				
1993	12	251	4,731	2,645
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>
<u>Other Cut Flowers</u>				
1993	34	649	N/A	2,866
1994	30	402	N/A	1,847
1995	30	462	N/A	2,069
1996	30	724	N/A	1,952
1997	26	2,067	N/A	1,615

See footnotes at end of table.



Table 43. **FLORICULTURE:** Production, Sales, and Value,  
by Type of Plant, 1993-1997 (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 1/ (Thousands)
	<u>Number</u>	<u>Sq. ft.</u>	<u>Pots</u>	<u>Dollars</u>
<b><u>POTTED FLOWERING PLANTS</u></b>				
<u>African Violets</u>				
1993	24	382	1,937	1,503
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	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>
<u>Chrysanthemums</u> (Excluding Hardy/Garden Mums)				
1993	72	867	1,228	2,625
1994	62	1,799	1,400	2,807
1995	64	1,720	1,398	2,793
1996	61	598	1,078	2,583
1997	48	590	1,108	2,040
<u>Finished Florist Azaleas</u>				
1993	49	1,627	1,705	3,880
1994	40	2,131	4,287	10,473
1995	37	2,102	4,233	10,232
1996	42	844	1,807	3,867
1997	42	2,103	4,259	10,280
<u>Easter Lilies</u>				
1993	79	453	519	1,900
1994	83	468	564	1,997
1995	70	428	547	1,975
1996	71	405	662	2,191
1997	72	475	550	1,845
<u>Other Lilies</u>				
1993	36	85	91	347
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>	<u>3/</u>	<u>3/</u>	<u>3/</u>
<u>Poinsettias</u>				
1993	136	3,473	2,896	9,501
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	117	3,233	2,479	7,449

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,  
by Type of Plant, 1993-1997 (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 1/ (Thousands)
	<u>Number</u>	<u>Sq. ft.</u>	<u>Pots</u>	<u>Dollars</u>
<b>POTTED FLOWERING PLANTS</b>				
<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	34	333	449	1,245
<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>
<u>Other Potted Flowering Plants 4/</u> <i>(Excluding blooming annuals)</i>				
1993	90	1,347	3,284	9,383
1994	77	855	1,443	4,637
1995	67	645	1,467	5,083
1996	72	825	1,392	4,085
1997	73	870	1,078	3,019
<b>BEDDING/GARDEN PLANTS</b>				
<u>Geraniums, Flats</u>			<u>Flats</u>	
1993	53	286	157	1,612
1994	53	422	223	2,000
1995	46	300	153	1,547
1996	48	584	317	2,387
1997	51	441	230	2,063
<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	169	3,037	1,535	10,545
<u>New Guinea Impatiens, Flats</u>				
1994	32	94	48	444
1995	27	286	156	1,548
1996	36	257	130	1,105
1997	36	137	56	505
<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	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,  
by Type of Plant, 1993-1997 (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 1/ (Thousands)
	<i>Number</i>	<i>Sq. ft.</i>	<i>Flats</i>	<i>Dollars</i>
<b><u>BEDDING/GARDEN PLANTS</u></b>				
<i>(Continued)</i>				
<u>Other Flowering and Foliar Type, Flats</u>				
1993	184	6,608	3,545	25,666
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	175	5,429	1,871	12,685
<u>Vegetable Type, Flats</u>				
1993	160	1,087	596	4,303
1994	163	1,012	536	4,041
1995	145	943	518	4,134
1996	155	935	485	3,638
1997	158	1,012	540	3,618
<u>Hardy/Garden Chrysanthemums, Potted</u>				
			<i>Pots</i>	
1993	132	2,240	1,951	3,422
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	132	3,535	3,282	4,978
<u>Geraniums, Potted - Cuttings</u>				
1993	164	1,917	5,119	7,214
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	166	1,980	4,523	6,425
<u>Geraniums, Potted - Seed</u>				
1993	59	741	3,255	3,680
1994	49	1,073	3,942	3,549
1995	43	899	3,494	2,851
1996	45	630	3,120	2,958
1997	38	943	3,665	2,863
<u>Impatiens, Potted</u>				
1994	48	155	364	356
1995	42	194	462	440
1996	44	126	365	356
1997	51	213	421	487

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value,  
by Type of Plant, 1993-1997 (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 1/ (Thousands)
	<u>Number</u>	<u>Sq. ft.</u>	<u>Pots</u>	<u>Dollars</u>
<b><u>BEDDING/GARDEN PLANTS</u></b>				
<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	131	451	1,152	1,730
<u>Petunias, Potted</u>				
1994	22	55	88	106
1995	25	54	84	104
1996	31	95	117	140
1997	31	70	121	226
<u>Other Flowering &amp; Foliar Type, Potted</u>				
1993	131	1,904	5,286	7,317
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	128	1,677	3,463	5,063
<u>Vegetable Type, Potted</u>				
1993	58	217	757	919
1994	60	177	779	726
1995	64	332	1,083	1,182
1996	62	251	1,129	1,295
1997	72	249	908	894
<u>Flowering Hanging Baskets</u>				
1993	207	N/A	1,447	10,896
1994	185	N/A	656	4,015
1995	159	N/A	472	3,177
1996	172	N/A	463	3,185
1997	176	N/A	580	3,416
<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	166	N/A	210	1,514
<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	147	N/A	184	1,075

See footnotes at end of table.

Table 43. **FLORICULTURE:** Production, Sales, and Value, by Type of Plant, 1993-1997 (Continued)

Year	Producers reporting	Area in production (Thousands)	Quantity sold (Thousands)	Value of sales 1/ (Thousands)
	<u>Number</u>	<u>Sq. ft.</u>	<u>Baskets</u>	<u>Dollars</u>
<b><u>BEDDING/GARDEN PLANTS</u></b>				
<i>(Continued)</i>				
<u>New Guinea Impatiens</u>				
<u>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	125	N/A	311	1,791
<u>Petunia Hanging Baskets</u>				
1994	77	N/A	37	195
1995	86	N/A	48	233
1996	105	N/A	48	286
1997	135	N/A	69	427
<b><u>FOLIAGE PLANTS FOR INDOOR OR PATIO USE</u></b>				
<u>Foliage Hanging Baskets</u>				
1993	89	N/A	276	1,104
1994	63	N/A	241	1,125
1995	50	N/A	180	923
1996	51	N/A	205	894
1997	44	N/A	117	614
<u>Potted Foliage</u>				
			<u>Pots</u>	
1993	43	191	N/A	1,859
1994	46	173	N/A	1,326
1995	41	140	N/A	1,242
1996	44	183	N/A	742
1997	34	161	N/A	872

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 1998 maple syrup production is estimated at 231,000 gallons, down 14 percent from last year's production of 269,000 gallons. The number of taps made, at 1.16 million, was down 29 percent from the previous year to an all-time low. Excellent sap runs throughout the state increased yields to .199 gallons of syrup per tap, up 21 percent from the .165 yield per tap in 1997. The value of this year's syrup crop was placed at \$5.89 million, down 13 percent from the 1997 crop value of \$6.75 million. New York ranks second in maple syrup production behind Vermont.

New York's 1998 maple season was marked by the devastation to the North Country's maple region.

Approximately 380,000 taps were lost due to the ice storm that

occurred in January. For those who escaped damage, the winter was extremely mild with many producers missing the optimum runs in February.

The 1998 sugaring season averaged 31 days long, three days less than the previous year but one day more than the ten-year average. Statewide, the average dates of the season were February 25 to March 28. Although the season was 31 days long, many experienced a long mild period midway through that actually cut the season into two shorter periods. Sap was of average sweetness, requiring an average of 41 gallons of sap to make one gallon of syrup. Syrup quality was excellent - mostly light in color.

Table 44. **MAPLE SYRUP:** Production and Value, 1988-1998

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			
	<i>1,000 gals.</i>			<i>Gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1988	310	Mar. 8	Apr. 3	41	23.50	7,285
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	<u>1/25.50</u>	<u>1/5,886</u>

1/ Preliminary.

# DAIRY

Total milk production in New York during 1997, at 11.5 billion pounds, increased fractionally from 1996. The annual average number of milk cows, at a record low 699,000 head, was fractionally below the previous record low set in 1996. Annual output per cow averaged 16,519 pounds, up 1 percent from the 1996 average of 16,396 pounds per cow.

Cash receipts for the sale of milk during 1997 totaled \$1.53 billion, down 10 percent from the previous year. The \$13.40 per hundredweight received for all milk sold wholesale by New York farmers was down \$1.50, or 10 percent, from the \$14.90 received in 1996. 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 155 million pounds of milk on their farms during 1997, compared with 178 million pounds during 1996. About 84 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 \$1.55 billion, down 10 percent from 1996.

Total cheese production in New York, excluding cottage cheese, totaled a record high 617 million pounds in 1997. This total is up 6 percent from the previous record high set a year earlier.

Italian cheese, which accounted for 55 percent of New York's total cheese output, increased 6 percent in 1997 to 341 million pounds. Compared with 1996, the State's production of

mozzarella was up 3 percent. Butter production fell 10 percent to 25 million pounds, while cheddar cheese output was up 6 percent to 93 million pounds. Combined production of cream cheese and neufchatel cheese, up 6 percent to 163 million pounds, reached a new record high. Creamed cottage cheese production rose 5 percent from 1996, while cottage cheese curd and lowfat cottage cheese output were both up 7 percent. 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 203 million pounds, down 3 percent from the previous year.

New York production of major frozen dairy products was up 9 percent from the 1996 total. Standard ice cream was up 4 percent, while lowfat ice cream (*formerly ice milk*) jumped 39 percent and milk sherbet increased fractionally. Production of water ices fell 26 percent from the previous year.

Nationally, total cheese output for 1997 was 7.33 billion pounds, excluding cottage cheese. This total was up 2 percent from a year earlier. Wisconsin remained the leading state with 29 percent of the total, followed by California (16 percent), Minnesota (9 percent), and New York (8 percent). Production of Italian varieties rose 2 percent from 1996. American-type cheese production, 45 percent of all cheese, increased fractionally. Butter output decreased 2 percent, while standard ice cream production was up 3 percent and lowfat ice cream was up 5 percent.

**Table 45. MILK COW OPERATIONS:**  
By Herd Size, 1988-1997

Year	Number of milk cows in herd					
	1-29	30-49	50-99	100-199 1/	200 plus	Total
	<i>Number of operations</i>					
1988	3,200	3,850	5,300	1,850		14,200
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	2,000	3,300	1,200	400	8,600

1/ 100 plus category prior to 1993.

**Table 46. MILK COWS JANUARY 1:**  
Inventory by Herd Size, 1989-1998

Year	Number of milk cows in herd					
	1-29	30-49	50-99	100-199 1/	200 plus	Total
	<i>1,000 head</i>					
1989	30	144	335	271		780
1990	29	121	321	289		760
1991	27	116	319	288		750
1992	24	111	314	291		740
1993	27	97	300	306		730
1994	22	87	297	189	130	725
1995	21	92	277	178	142	710
1996	19	79	259	196	147	700
1997	18	80	245	196	161	700
1998	18	80	245	196	161	700

1/ 100 plus category prior to January 1, 1994.

Table 47. MILK: Cows and Production, by Months, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>MILK COWS ON FARMS</b> (Thousands)												
1988	816	812	806	798	796	784	788	787	792	782	779	782
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	725	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					
<b>MILK PRODUCTION PER COW</b> (Pounds)												
1988	1,185	1,130	1,250	1,230	1,285	1,275	1,225	1,175	1,145	1,170	1,135	1,215
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	1,430	1,410	1,335	1,350	1,290	1,360
1998	1,370	1,270	1,430	1,400	1,480	1,430	1,440					
<b>TOTAL MILK PRODUCTION</b> (Million pounds)												
1988	967	918	1,008	982	1,023	1,000	965	925	907	915	884	950
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	998	984	930	944	902	952
1998	959	886	997	980	1,037	1,002	1,008					

Table 48. MILK: Production, Disposition, and Income 1988-1997

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>
1988	794	14,413	11,444	159	64	11,190	31	12.60	1,426.0	1,446.0
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	16,519	11,547	130	25	11,380	12	13.40	1,531.8	1,549.2

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.



Table 49. **FEEDING RATES:** Grain and Other Concentrates Fed Daily, Per Milk Cow in Herd on First of Month, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	<i>Pounds</i>												
1988	14.5	14.7	14.7	14.6	15.0	14.3	13.9	13.7	13.9	13.6	13.8	14.6	14.28
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 <sup>1/</sup>	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>						

<sup>1/</sup> Quarterly estimates only as of 1996. <sup>2/</sup> Estimates discontinued as of July 1998.

Table 50. **MILKFAT:** Average Test of Milk Sold by Dairy Farmers, by Months, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
	<i>Percent</i>												
1988	3.73	3.71	3.72	3.69	3.65	3.55	3.54	3.52	3.67	3.77	3.81	3.79	3.68
1989	3.77	3.76	3.78	3.74	3.71	3.62	3.55	3.56	3.66	3.76	3.78	3.81	3.71
1990	3.73	3.70	3.70	3.68	3.63	3.55	3.53	3.54	3.61	3.71	3.75	3.73	3.65
1991	3.72	3.70	3.70	3.68	3.62	3.52	3.52	3.54	3.60	3.75	3.79	3.76	3.66
1992	3.75	3.76	3.77	3.75	3.70	3.61	3.61	3.63	3.65	3.77	3.82	3.77	3.71
1993	3.72	3.74	3.75	3.69	3.62	3.54	3.48	3.52	3.59	3.74	3.73	3.76	3.65
1994	3.77	3.74	3.72	3.69	3.66	3.53	3.50	3.52	3.62	3.70	3.72	3.73	3.66
1995	3.69	3.71	3.69	3.68	3.62	3.52	3.48	3.47	3.61	3.71	3.80	3.79	3.65
1996	3.78	3.75	3.76	3.73	3.69	3.58	3.58	3.58	3.62	3.75	3.79	3.76	3.70
1997	3.74	3.72	3.72	3.70	3.67	3.56	3.52	3.55	3.63	3.73	3.80	3.78	3.67
1998	3.72	3.72	3.73	3.66	3.60	3.56	3.51						

Table 51. **CHEESE:** Production, by Months, 1988-1997

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<b>TOTAL AMERICAN</b> (1,000 pounds)													
1988	7,809	8,277	8,138	8,402	7,961	8,145	6,857	6,307	4,992	5,440	6,176	6,354	84,858
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
<b>TOTAL ITALIAN</b> (1,000 pounds)													
1988	23,975	22,724	26,227	25,160	25,498	23,692	22,034	23,768	24,315	25,474	24,277	26,687	293,831
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
<b>TOTAL CHEESE EXCLUDING COTTAGE</b> (1,000 pounds)													
1988	39,695	40,888	45,690	43,625	44,668	43,257	37,810	41,830	41,639	43,208	42,940	44,122	509,372
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
<b>CREAMED COTTAGE CHEESE</b> (1,000 pounds)													
1988	6,710	6,970	7,710	7,266	7,327	7,328	7,129	7,486	6,662	6,214	6,133	5,500	82,435
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
<b>LOWFAT COTTAGE CHEESE</b> (1,000 pounds)													
1988	4,327	4,937	6,273	5,298	5,716	5,579	5,131	5,572	5,341	4,912	4,517	3,927	61,530
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

Table 52. **CHEESE:** Production, by Type, 1988-1997

Year	American Type Cheese			Italian Cheese			
	Cheddar	Other American <sup>1/</sup>	Total American	Mozzarella	Ricotta	Other Italian <sup>2/</sup>	Total Italian
<i>1,000 pounds</i>							
1988	82,129	2,729	84,858	177,428	91,380	25,023	293,831
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

Year	Cream and Neufchatel cheese	Other cheese excluding cottage <sup>3/</sup>	Total cheese excluding cottage	Cottage Cheese		
				Creamed <sup>4/</sup>	Lowfat <sup>5/</sup>	Curd <sup>6/</sup>
<i>1,000 pounds</i>						
1988	108,071	22,612	509,372	82,435	61,530	93,372
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

<sup>1/</sup> Includes Colby, washed curd, stirred curd, Monterey, and Jack.

<sup>2/</sup> Includes Provolone, Romano, and other hard and soft types.

<sup>3/</sup> Includes Swiss, Brick, Muenster, Farmers', and other varieties of cheese.

<sup>4/</sup> Milkfat content 4.0 percent or more.

<sup>5/</sup> Milkfat content from 0.5 percent to 2.0 percent.

<sup>6/</sup> 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, 1988-1997

Year	Unsweetened Condensed Milk		Nonfat dry milk (human food)	Dry Whey		
	Whole milk	Skim milk		Human consumption	Animal feed	Total
<i>1,000 pounds</i>						
1988	29,354	56,644	12,213	93,345	16,891	110,236
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	<sup>1/</sup>	<sup>1/</sup>	<sup>1/</sup>	111,363	1,304	112,667

<sup>1/</sup> Not published to avoid disclosure of individual operations.

Table 54. **DAIRY PRODUCTS:** Production, by Months, 1988-1997

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<b>BUTTER</b> (1,000 pounds)													
1988	3,868	3,300	2,787	2,844	2,439	1,644	1,398	954	1,496	2,833	1,803	1,977	27,415
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
<b>YOGURT - PLAIN AND FLAVORED</b> (1,000 pounds)													
1988	14,644	17,049	18,584	17,323	18,622	18,642	16,021	18,062	15,141	15,555	13,249	14,013	196,905
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
<b>TOTAL NONFAT DRY MILK</b> (1,000 pounds)													
1988	1,104	692	935	1,372	1,890	2,601	1,582	169	327	327	267	947	12,213
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	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
<b>STANDARD ICE CREAM</b> (1,000 gallons)													
1988	2,862	3,031	3,626	4,010	4,184	4,932	5,120	4,368	4,051	3,623	2,985	3,064	45,856
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
<b>LOWFAT ICE CREAM</b> (1,000 gallons)													
1988	491	780	853	987	1,112	1,233	1,241	1,424	1,239	1,165	802	683	12,010
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

1/ Not published to avoid disclosure of individual operations.

Table 55. **FROZEN DESSERTS AND MIXES:** Production, by Type, 1988-1997

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>							
1988	45,856	12,010	1,963	3,400	24,149	3,150	1,430
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

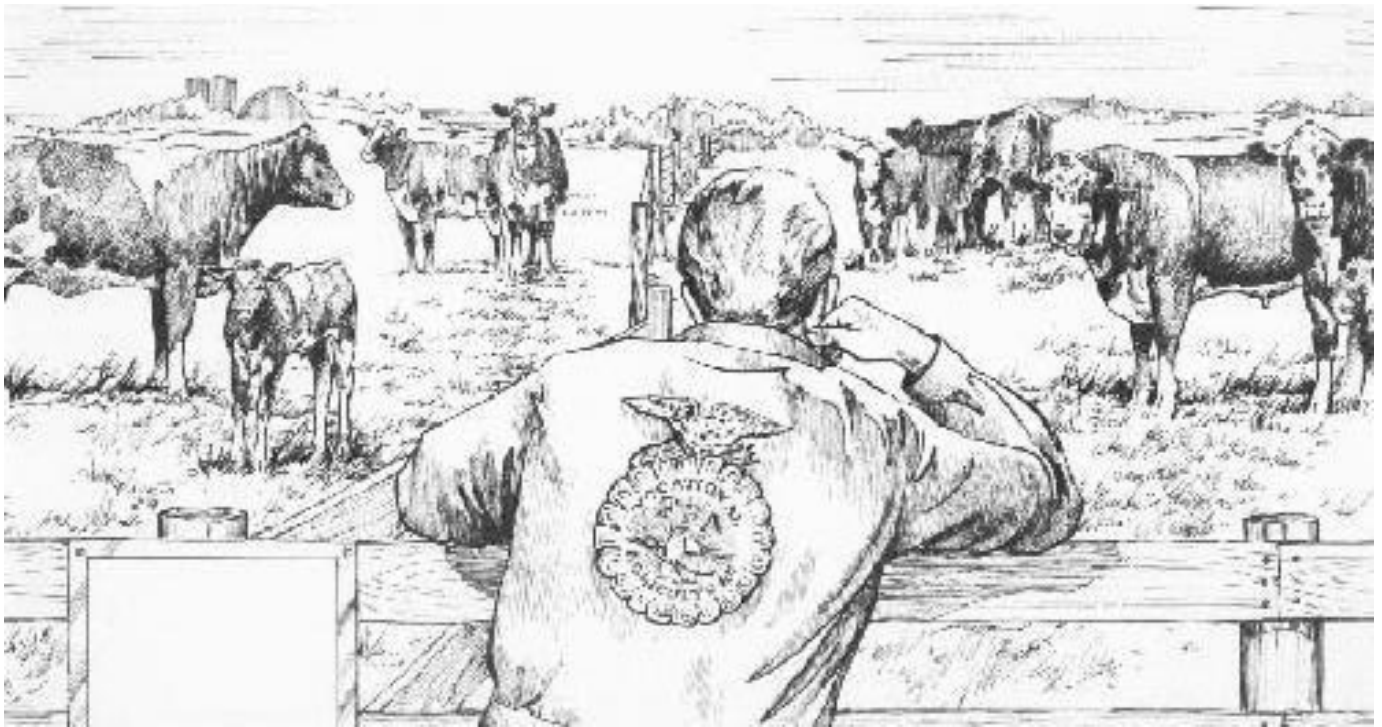
1/ Includes hard, soft-serve, and freezer-made milkshake.

2/ Does not include counter-freezer production.

3/ Includes milkshake mix.

Table 56. **DAIRY:** Plants Manufacturing Specified Products, 1988-1997

Year	Total Cheese				Butter	Condensed skim milk (unsweetened)	Nonfat dry milk	Standard ice cream (hard)	Water ices	Plants making one or more dairy or frozen dessert products
	American	Italian	Excluding cottage	Cottage						
<i>Number</i>										
1988	12	18	36	13	14	10	6	59	29	130
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	12	13	32	11	8	5	2	58	29	134



# LIVESTOCK and POULTRY

## LIVESTOCK

New York livestock producers marketed 310 million pounds of meat animals during 1997, down 4 percent from the 1996 total of 322 million pounds. Cattle and calve marketings were down 5 percent from a year earlier. Sheep and lambs were down 21 percent, while hogs increased 19 percent from last year's sales. Meat animal cash receipts totaling \$125 million were up 8 percent from 1996.

Gross income from livestock during 1997, which includes the sale of meat animals, wool, and the value of home consumption, totaled \$129 million, up 8 percent from a year earlier. Cattle and calves accounted for 87 percent of this total.

Calf prices, at \$48.20 per hundred pounds liveweight (cwt.), were up 21 percent while cattle prices, at \$34.50 per cwt., increased 11 percent from 1996. Gross income from cattle and calves during 1997 totaled \$112 million, up 7 percent from a year earlier.

Hog and pig prices averaged \$45.40 per cwt. in 1997, up 5 percent from a year earlier. Gross income from hogs and pigs during 1997 totaled \$13.1 million, up 24 percent from 1996.

Sheep and lamb marketings, at 3.27 million pounds during 1997, decreased 21 percent from 1996. Sheep prices, at \$40.20 per cwt., were up 34 percent while lamb prices, at \$100.00 per cwt., were up 12 percent from a year ago. Gross income from sheep and lambs during 1997 was 2 percent lower than a year earlier.

New York wool production during 1997 totaled 343,000 pounds, down 9 percent from the 1996 total. The average price received for wool decreased 2 percent to 54 cents per pound, compared to 55 cents in 1996. The value of production, at \$185,000, decreased 11 percent due mainly to the decrease in wool production.

Table 57. **CATTLE & CALF OPERATIONS:**  
by Herd Size, 1988-1997

Year	Herd size			Total
	1-49	50-99	100 plus	
	<i>Number of operations</i>			
1988	13,400	5,600	5,000	24,000
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	9,400	3,800	4,800	18,000
1997	8,600	3,600	4,800	17,000

Table 58. **CATTLE & CALVES JANUARY 1:**  
by Herd Size, 1989-1998

Year	Herd size				Total
	1-49	50-99	100-499	500 plus	
	<i>Thousand head</i>				
1989	221	419	798	87	1,525
1990	197	395	821	107	1,520
1991	184	359	857	130	1,530
1992	170	331	893	146	1,540
1993	184	331	863	162	1,540
1994	198	304	836	182	1,520
1995	148	296	858	178	1,480
1996	151	302	876	181	1,510
1997	154	308	816	262	1,540
1998	153	306	811	260	1,530

Table 59. **CATTLE AND CALVES:** Number on Farms, January 1, Inventory Value and Value per Head, 1988-1998

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
	<i>1,000</i>									<i>1,000.</i>	<i>Dol.</i>	<i>1,000 dol.</i>
1988	816	87	290	25	61	18	43	305	22	1,645	660	1,085,700
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	85	325	33	32	19	31	270	25	1,520	820	1,246,400
1995	710	70	305	30	40	20	30	275	25	1,480	825	1,221,000
1996	700	70	320	30	45	20	35	290	30	1,510	740	1,117,400
1997	700	75	330	30	50	20	35	300	30	1,540	750	1,155,000
1998	700	70	340	30	45	20	35	290	30	1,530	730	1,116,900

Table 60. **CATTLE AND CALVES:** Production, Disposition, and Income, 1988-1997

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
				Cattle	Calves		Cattle	Calves		
	<i>1,000</i>									<i>1,000 dol.</i>
1988	1,645	750	14	210	560	7	27	80	1,525	188,033
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	740	20	220	450	5	32	73	1,520	244,162
1994	1,520	690	15	200	446	4	30	65	1,480	221,002
1995	1,480	670	19	175	386	3	30	65	1,510	152,849
1996	1,510	670	23	170	391	2	32	68	1,540	104,711
1997	1,540	670	23	180	416	2	33	72	1,530	112,267

1/ Value of marketings and home consumption.

Table 61. **PASTURE CONDITION 1/:** Percent of Acreage Rated as Very Poor, Poor, Fair, Good, and Excellent as of the First of the Month, 1997

Month	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>				
May	-	-	44	56	-
June	-	16	28	53	3
July	10	20	70	-	-
August	14	27	59	-	-
September	-	42	40	18	-
October	-	-	26	74	-
November	-	25	50	25	-

1/ Condition Definitions: Very Poor - Providing very little or no feed considering the time of year. Poor - Providing only marginal feed for the current time of year. Fair - Providing adequate feed but still less than normal for time of year. Good - Providing adequate feed supplies for time of year. Excellent - Providing feed in excess of normal for time of year.



Table 62: **CATTLE AND CALVES:** Commercial Slaughter, 1988-1997

Year	CATTLE			CALVES		
	Number head	Average liveweight	Total liveweight	Number head	Average liveweight	Total liveweight
	<i>1,000</i>	<i>Pounds</i>	<i>1,000 lb.</i>	<i>1,000</i>	<i>Pounds</i>	<i>1,000 lb.</i>
1988	175.6	1,212	212,850	439.0	143	62,909
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

Table 63. **CATTLE AND CALVES:** Commercial Slaughter, Number of Head, by Months, 1988-1997

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<i>1,000</i>												
<b><u>CATTLE</u></b>													
1988	15.2	14.3	15.8	14.3	14.4	13.6	13.2	15.5	14.9	15.1	14.4	14.8	175.6
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
<b><u>CALVES</u></b>													
1988	33.7	33.3	43.8	29.5	27.0	32.8	37.4	45.3	41.8	36.8	38.7	38.7	439.0
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

1/ May not add due to rounding.

Table 64. **HOGS AND PIGS:** Number on Farms, Inventory Value and Value per Head, December 1, 1988-1997

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>
1988	21	130	67	31	16	16	151	70.00	10,570
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	57	21	14	11	11	70	92.00	6,440
1997	11	56	23	13	11	9	67	81.00	5,427

Table 65. **HOGS AND PIGS:** Number of Operations, Production, Disposition, and Income, 1988-1997

Year	Operations with hogs	Inventory Dec. 1 preceding	Pig crop	Inshipments	Marketings	Farm slaughter	Deaths	Inventory Dec. 1	Gross income 1/	
					<u>1,000</u>					<u>1,000 dol.</u>
1988	3.6	124	239	1	188	6	19	151	17,251	
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	5	164	5	13	90	14,852	
1994	2.2	90	102	17	121	4	12	72	10,245	
1995	1.8	72	114	4	110	3	11	66	8,722	
1996	1.6	66	120	9	111	2	10	72	10,507	
1997	1.5	72	120	7	121	2	9	67	13,053	

1/ Value of marketings and home consumption.

Table 66. **HOG AND PIG OPERATIONS:** by Herd Size, 1993-1997

Number of hogs in herd	Operations				
	1993	1994	1995	1996	1997
	<u>Number</u>				
1-49	2,400	1,950	1,580	1,390	1,310
50-99	130	110	90	70	70
100 plus	170	140	130	140	120
<b>TOTAL</b>	<b>2,700</b>	<b>2,200</b>	<b>1,800</b>	<b>1,600</b>	<b>1,500</b>

Table 67. **HOGS AND PIGS:** December 1, by Herd Size, 1993-1997

Number of hogs in herd	Inventory				
	1993	1994	1995	1996	1997
	<u>1,000 head</u>				
1-49	17	13	11	10	11
50-99	9	5	5	4	4
100 plus	64	54	50	58	52
<b>TOTAL</b>	<b>90</b>	<b>72</b>	<b>66</b>	<b>72</b>	<b>67</b>

Table 68. **HOGS AND PIGS:** Commercial Slaughter, 1988-1997

Year	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1988	63.4	225	14,267
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

Table 69. **HOGS AND PIGS:** Commercial Slaughter, Number of Head, by Months, 1988-1997

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
1988	4.3	4.4	4.6	4.5	4.3	5.0	4.4	5.7	5.8	5.9	6.0	8.5	63.4
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

1/ May not add due to rounding.

Table 70. **SHEEP AND LAMBS:** Number on Farms, Inventory Value and Value per Head, January 1, 1988-1998

Year	All breeding sheep and lambs	Breeding ewes 1 year & older	Breeding rams 1 year & older	Replacement lambs	Sheep and lambs on feed <sup>1/</sup>	All Sheep and Lambs		
						Number	Value per head	Total value
			<i>1,000</i>			<i>1,000</i>	<i>Dollars</i>	<i>1,000 dol.</i>
1988	73	48	2	23	N/A	73	97.50	7,118
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	53	41	3	9	12	65	120.00	7,800

<sup>1/</sup> Sheep and lambs on feed for slaughter market.

Table 71. **SHEEP AND LAMBS:** Number on Farms, Inventory Value and Value per Head, January 1, 1988-1997

Year	Operations with sheep	Inventory January 1	Lamb crop	Inshipments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income <sup>1/</sup>
					Sheep	Lambs		Sheep	Lambs		
					<i>1,000</i>						<i>1,000 dol.</i>
1988	2.1	73	61	8	1	39	1	6	6	89	2,412
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	52	2	6	7	79	3,533
1994	1.8	79	62	4	12	48	2	5	6	72	3,434
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	1	36	1	3	5	65	3,347

<sup>1/</sup> Value of marketings and home consumption.

Table 72. **SHEEP AND LAMBS:** Wool Production and Value, 1988-1997

Year	Sheep shorn	Weight per fleece	Wool production	Price per pound	Value
	<i>Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
1988	63,000	7.1	447,000	.88	393,000
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

Table 73. **SHEEP AND LAMBS:** Commercial Slaughter, 1988-1997

Year	Number head	Average liveweight	Total liveweight
	<i>1,000</i>	<i>Pounds</i>	<i>1,000 lb.</i>
1988	96.8	93	9,030
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

Table 74. **SHEEP AND LAMBS:** Commercial Slaughter, Number of Head, by Months, 1988-1997

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <sup>1/</sup>
	<i>1,000</i>												
1988	5.9	6.3	15.2	8.5	7.3	6.4	6.6	8.2	8.2	8.0	7.2	9.0	96.8
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

<sup>1/</sup> May not add due to rounding.

# HONEY

Honey production from beekeepers with five or more hives in New York totaled 4.32 million pounds during 1997. This total is down 21 percent from the 1996 production of 5.44 million pounds.

The 1997 production was extracted from 72,000 colonies, up 6 percent from the 68,000 colonies in 1996. Honey yield per colony averaged 60 pounds, 25 percent below the 1996 yield. Honey stocks on hand across the state as of December 15,

1997 totaled 2.25 million pounds, a decrease of 12 percent from the 2.56 million pounds a year earlier.

Prices received by beekeepers in New York averaged 85.0 cents per pound for all methods of sale during 1997, 4 percent less than the 1996 average price of 89.0 cents. Value of honey production for the state in 1997 totaled \$3.67 million, compared with \$4.84 million in 1996.

Table 75. **HONEY:** Production and Value, 1988-1997 <sup>1/</sup>

Year	Colonies of bees	Yield per colony	Production	Price per pound	Total value	Stocks on Dec. 15
	<i>1,000</i>	<i>Pounds</i>	<i>1,000 lbs.</i>	<i>Dollars</i>	<i>1,000 dol.</i>	<i>1,000 lb.</i>
1988	94	59	5,546	.700	3,882	1,109
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

<sup>1/</sup> For apiaries with 5 or more colonies.

Table 76. **MINK:** Females Bred to Produce Kits by Color Class, 1989-1998  
and Pelts Produced, by Color Class, 1988-1997

Year	Standard	Pastel	Violet type	Pearl	Demi-Buff	Gunmetal	Pink	Mahogany	Other	Total
	<i>Number</i>									
<b><u>FEMALES BRED</u></b>										
1989	14,500	1,000	2,000	500	4,900	1,300	1,600	1,500	700	28,000
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
<b><u>PELTS PRODUCED</u></b>										
1988	55,300	4,000	7,200	3,500	14,400	2,700	7,200	7,600	2,200	104,100
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

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

# TROUT

New York trout producers sold a total of 183,000 pounds of trout valued at \$804,000 during the 12 months ending August 31, 1997. This production, which includes foodsize fish, stockers, and fingerlings, was down 21 percent from production total of a year earlier. Value of production was also down 21 percent.

averaging \$3.82 per pound in value, 101,000 pounds of stocker trout averaging \$4.46 per pound, and 6,000 pounds of fingerlings. Foodsize fish averaged .93 pounds in weight, while stockers averaged .46 pounds. Poundage of foodsize trout sold was down 23 percent from 1996, while stockers poundage fell 22 percent.

The 1997 output included 76,000 pounds of foodsize trout

Table 77. **TROUT:** Sales by Number, Liveweight and Value, September 1 to August 31, 1993-1997

Item	Unit	1993	1994	1995	1996	1997
<b><u>FOODSIZE TROUT SOLD</u></b>						
Number of head	(1,000)	110	77	62	110	82
Liveweight pounds	(1,000)	101	73	61	99	76
Total dollar value	(1,000)	393	298	254	378	290
Average weight per fish	lb.	.92	.95	.98	.90	.93
Average price per pound	\$	3.89	4.08	4.16	3.82	3.82
<b><u>STOCKER TROUT SOLD</u></b>						
Number of head	(1,000)	140	206	130	262	221
Liveweight pounds	(1,000)	58	87	61	130	101
Total dollar value	(1,000)	259	389	281	591	450
Average weight per fish	lb.	.41	.42	.47	.50	.46
Average price per pound	\$	4.47	4.47	4.61	4.55	4.46
<b><u>FINGERLING TROUT SOLD</u></b>						
Number of head	(1,000)	333	192	166	174	242
Liveweight pounds	(1,000)	6	4	4	4	6
Total dollar value	(1,000)	53	47	44	46	64
<b><u>TOTAL TROUT SOLD</u></b>						
Number of head	(1,000)	583	475	358	546	545
Liveweight pounds	(1,000)	165	164	126	233	183
Total dollar value	(1,000)	705	734	579	1,015	804
Average weight per fish	lb.	.28	.35	.35	.43	.34
Average price per pound	\$	4.27	4.48	4.60	4.36	4.39
<b><u>NUMBER OF PRODUCERS</u></b>						
		34	35	27	29	28



Table 78. **TROUT:** Foodsize Sales by Outlet, Number and Percent of Total Sold  
September 1 to August 31, 1993-1997

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.	%
	<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>	
1993	-	-	33	30	3	3	3	3	35	31	35	32	1	1	110	100
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

Table 79. **TROUT:** Stocker Sales by Outlet, Number and Percent of Total Sold  
September 1 to August 31, 1993-1997

Year	Sales Outlet											
	Live Haulers		Fee and Recreation		Other Producers		Government Agencies		Other		Total Sales	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>	
1993	15	11	86	61	31	22	8	6	-	-	140	100
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

Table 80. **TROUT:** Number Lost by Cause and Percent of Total Number Lost  
September 1 to August 31, 1993-1997

Year	Cause of Loss													
	Disease		Theft/Vandalism		Drought		Flood		Predators		Other		Total Losses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>		<i>(1,000)</i>	
1993	46	29	1	1	39	25	<u>1/</u>	<u>1/</u>	58	36	15	9	159	100
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

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

# POULTRY

The combined value of New York produced eggs, broilers, and turkeys, plus value of sales for other chickens was \$59.8 million for the year ending November 30, 1997. This total is down 21 percent from a year earlier. The decrease from 1996 to 1997 was due mainly to lower egg production and

lower egg prices. Of the 1997 combined value, 86 percent was derived from eggs and 8 percent from turkeys.

Egg production in New York during the 1997 year totaled 931 million, down 11 percent from a year earlier. Egg prices decreased 14 percent, from 77.1 cents in 1996 to an average of 66.6 cents in 1997. The resulting total value of \$51.7 million was 23 percent below the 1996 egg production value of \$66.9 million.

Statewide turkey production in 1997 amounted to 12.1 million pounds, down 6 percent from 1996. The average price of 42 cents per pound was unchanged from the 1996 price. Value of production totaled \$5.1 million, down 6 percent from the 1996 level of \$5.4 million.

The number of other chickens sold in New York (*excluding broilers*) during 1997 was down 7 percent from the previous year. The decrease was more than offset by sharply higher prices, resulting in a value of sales of \$320,000, compared with only \$29,000 in 1996.

Nationally, the combined value of eggs, broilers, and turkeys, plus the value of sales for other chickens, was \$21.6 billion for the year ending November 30, 1997. This total was down 1 percent from the previous year. The value of broilers produced was up 2 percent, while the value of eggs produced was down 5 percent and the value of turkeys produced was down 8 percent. Of the 1997 combined value, 65 percent came from broilers, 21 percent from eggs, 13 percent from turkeys, and less than 1 percent from other chickens.

and Value, 1988-1997

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>
1988	2,350	16,800	53.0	8,904
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

Table 82: **TURKEYS:** Production and Value, 1988-1997

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>
1988	343	6,380	37.0	2,361
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

Table 81: **DUCKS:** Production

Table 83. **CHICKENS:** Number on Farms, Inventory Value and Value per Head, December 1, 1988-1997

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>
1988	1,600	2,550	4,150	410	470	20	5,050	1.85	9,343
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

Table 84. **CHICKENS:** Sold and Value of Sales, 1988-1997 <sup>1/</sup>

Year	Number sold	Pounds sold (Live)	Price per lb. (Live)	Value of sales
	<u>1,000</u>	<u>1,000</u>	<u>Cents</u>	<u>1,000 dol.</u>
1988	4,500	17,100	5.2	889
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

<sup>1/</sup> Excludes broilers.Table 85. **BROILERS:** Production and Value, 1988-1997 <sup>1/</sup>

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>
1988	2,500	11,250	34.0	3,825
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

<sup>1/</sup> Marketing year for broiler data is preceding December through November.Table 86. **EGGS:** Production and Value, 1988-1997 <sup>1/</sup>

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>
1988	3,878	261	1,013	47.0	39,676
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

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

Table 87. **CHICKENS:** Number of Layers and Egg Production, by Months, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>LAYERS</b> (Thousands)												
1988	4,100	3,875	3,900	3,900	3,800	3,625	3,575	3,675	3,750	3,925	4,100	4,125
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						
<b>EGGS PER LAYER</b> (Number)												
1988	22.44	21.42	22.56	21.54	22.11	21.52	22.10	21.50	20.80	21.66	21.46	22.30
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						
<b>TOTAL EGG PRODUCTION</b> (Million eggs)												
1988	92	83	88	84	84	78	79	79	78	85	88	92
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						
<b>FORCED MOLT LAYERS BEING MOLTED FIRST OF MONTH</b> (Percent of all layers)												
1988	2.5	0.5	1.5	0.5	3.0	2.5	1.5	1.5	1.5	2.5	7.0	5.0
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					
<b>FORCED MOLT LAYERS WITH MOLT COMPLETED FIRST OF MONTH</b> (Percent of all layers)												
1988	8.0	9.5	8.0	6.5	6.5	5.5	6.0	6.5	6.0	4.0	3.5	6.5
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					

# OTHER AGRICULTURAL STATISTICS

## PRICES

Prices for New York produced fruit, vegetable, and field crops were mixed in 1997. Prices for meat animals averaged higher for the year, while egg and milk prices averaged lower.

The price of milk during 1997 decreased 10 percent to an average of \$13.40 per hundredweight (cwt.). The average price of milk cow replacements, at \$995 per head, was down 1 percent from the 1996 price.

New York beef producers and dairy farmers with animals to sell saw average prices increase for the first time after declining for four consecutive years. Steers and heifers averaged \$50.30 per cwt. during the year, up 13 percent from 1996, while slaughter cows were up 10 percent to \$32.80 over the same period. The combined price for all slaughter cattle averaged

\$34.50 per cwt., up 11 percent from 1996. Calf prices averaged \$48.20 per cwt. during 1997, up 21 percent from a year earlier. At the National level, annual average prices for all slaughter cattle combined averaged 7 percent higher.

New York pork producers saw prices for hogs average \$45.40 per cwt. in 1997, up 5 percent from a year earlier. Lamb prices were up 12 percent from a year earlier to a record high \$100.00 per cwt. Table egg prices averaged 65.3 cents per dozen during the year, down 14 percent from 1996. At the U.S. level, 1997 hog prices averaged 2 percent higher, while lamb prices were up 10 percent. Table egg prices declined 9 percent from the 1996 level.

Table 88. **CONSUMER PRICE INDEX (CPI-U):** All Urban Consumers, City Average, Unadjusted, United States, 1988 to Date 1/ (1982-84=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1988	115.7	116.0	116.5	117.1	117.5	118.0	118.5	119.0	119.8	120.2	120.3	120.5	118.3
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							

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

Table 89. **PRICES RECEIVED BY FARMERS:** Selected Commodities,  
Monthly and Marketing Year Average, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<b>WHEAT</b> (Dollars per bushel)													
1988	3.12	3.37	3.10	3.50	3.30	2.89	3.31	3.41	3.71	3.55	3.75	3.70	3.50
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	3.07	3.56	3.43	3.37	3.40
1998	3.43	3.44	3.39	3.16	2.98	2.82	2.21						
<b>OATS</b> (Dollars per bushel)													
1988	1.72	1.84	1.82	1.79	1.81	2.37	2.11	2.03	2.20	2.24	2.23	2.21	2.18
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	1.57						
<b>CORN</b> (Dollars per bushel)													
1988	1.91	2.04	2.02	2.10	2.25	2.71	3.06	3.01	2.96	2.80	2.80	2.94	2.83
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	2.95
1998	2.85	2.81	2.51	2.65	2.39	2.56	2.56						

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

Table 89. **PRICES RECEIVED BY FARMERS:** Selected Commodities,  
Monthly and Marketing Year Average, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <sup>1/</sup>
<b>ALL HAY BALED</b> (Dollars per ton)													
1988	76.00	76.00	81.00	76.00	66.00	69.00	75.00	69.00	72.00	78.00	87.00	97.00	75.50
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	89.50
1998	101.00	108.00	102.00	109.00	91.00	90.00	75.00						
<b>ALFALFA HAY BALED</b> (Dollars per ton)													
1988	82.00	82.00	85.00	80.00	78.00	80.00	82.00	81.00	89.00	100.00	107.00	117.00	<u>2/</u>
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	105.00
1998	111.00	113.00	128.00	142.00	92.00	97.00	92.00						
<b>OTHER HAY BALED</b> (Dollars per ton)													
1988	62.00	64.00	67.00	72.00	54.00	58.00	52.00	55.00	51.00	55.00	66.00	61.00	<u>2/</u>
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	77.00
1998	92.00	106.00	76.00	76.00	89.00	83.00	64.00						

<sup>1/</sup> June through May.2/ Not available.

Table 89. **PRICES RECEIVED BY FARMERS:** Selected Commodities,  
Monthly and Marketing Year Average, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <sup>1/</sup>
<b>APPLES, COMMERCIAL CROP FRESH CONSUMPTION</b> (Dollars per cwt.)													
1988	13.40	14.40	14.70	14.50	-	-	-	-	17.00	15.80	14.40	14.20	15.30
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	18.00	-	-	-	-	-	-	-
<b>ONIONS (Fresh Market)</b> (Dollars per cwt. f.o.b. shipping point)													
1988	18.50	24.20	23.50	24.90	-	-	16.20	16.20	17.60	19.40	18.40	19.10	16.50
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	12.00
1998	11.50	12.80	14.50	15.30	-	-	-	-	-	-	-	-	-
<b>POTATOES</b> (Dollars per cwt.)													
1988	6.10	6.35	6.45	6.65	6.70	-	-	6.85	7.05	7.60	9.60	8.00	8.95
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	8.65
1998	8.05	8.00	8.40	8.40	9.85	-	-	-	-	-	-	-	-

<sup>1/</sup> July through June.



Table 90. **PRICES RECEIVED BY FARMERS:** Selected Livestock Commodities,  
Monthly and Marketing Year Average, 1988 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<b><u>BEEF CATTLE</u></b> <u>2/</u> (Dollars per cwt.)													
1988	43.90	45.90	45.60	48.00	48.00	44.90	43.30	43.70	44.30	43.40	43.70	44.30	44.80
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						
<b><u>STEERS AND HEIFERS</u></b> (Dollars per cwt.)													
1988	53.50	55.00	53.40	57.50	57.00	55.30	49.70	54.50	53.00	51.90	51.40	51.80	53.20
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						
<b><u>SLAUGHTER COWS</u></b> (Dollars per cwt.)													
1988	43.30	45.50	44.90	47.20	47.40	44.40	42.60	43.10	42.60	42.70	42.80	43.70	44.10
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						

1/ January through December.2/ Combined average prices for all slaughter cattle (steers and heifers + slaughter cows).

Table 90. **PRICES RECEIVED BY FARMERS:** Selected Livestock Commodities, Monthly and Marketing Year Average, 1988 to Date (*Continued*)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <sup>1/</sup>
<b>CALVES</b> ( <i>Dollars per cwt.</i> )													
1988	88.30	94.40	88.10	100.00	113.00	103.00	88.20	85.50	94.10	92.50	89.30	86.70	93.20
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						
<b>MILK, WHOLESALE</b> ( <i>Dollars per cwt.</i> )													
1988	12.80	12.50	12.00	11.60	11.30	11.10	11.70	12.50	13.30	14.00	14.40	14.20	12.60
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	14.50	14.80	14.50	14.10	13.30	13.90	13.70						
<b>MILK COW HERD REPLACEMENTS</b> ( <i>Dollars per head</i> )													
1988	880	890	910	920	930	930	930	910	890	900	900	900	910
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 <sup>2/</sup>	1,010	-	-	1,000	-	-	1,000	-	-	1,030	-	-	1,010
1997	1,000	-	-	1,000	-	-	1,000	-	-	980	-	-	995
1998	980	-	-	1,000	-	-	1,020						
<b>TABLE EGGS</b> ( <i>Cents per dozen</i> )													
1988	41.7	40.1	41.4	37.1	37.6	39.5	55.5	50.8	62.3	50.6	49.3	55.2	45.6
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						

<sup>1/</sup> Milk: January through December. Eggs: previous December through November.<sup>2/</sup> Beginning 1996, estimates made quarterly (*January, April, July and October*).

Table 91. **PRICES RECEIVED BY FARMERS:** Selected Commodities,  
Marketing Year Average, 1988-1997

Year	Hogs	Sheep	Lambs
	<i>Dollars per cwt.</i>		
1988	40.40	27.20	76.00
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

Table 92. **PRICES PAID BY FARMERS:** Fertilizer, Northeast 1/, 1988-1998

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>						
1988	152	164	206	200	233	208	23.30
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

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 93. **PRICES PAID BY FARMERS:** Selected Feeds and Fuels, Northeast <sup>1/</sup>, 1988-1998

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>					
1988	253	181	207	218	195
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 <sup>2/</sup>	255	175	207	199	199
1996	287	226	254	293	243
1997	324	216	256	297	260
1998	278	199	241	280	216
Year	Bran	Corn Meal	Soybean Meal, 44% Protein	Molasses, Liquid	Stock Salt
<i>Dollars per cwt.</i>					
1988	9.35	8.13	15.65	7.70	8.95
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 <sup>2/</sup>	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
Year	Gasoline, Unleaded, Bulk Delivery <sup>3/</sup>	Gasoline, Unleaded, at Service Station	Diesel Fuel, Bulk Delivery	L-P Gas, Per Gallon	
<i>Dollars per gallon</i>					
1988	.940	.970	.810	.925	
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 <sup>2/</sup>	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	

<sup>1/</sup> Northeast region includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

<sup>2/</sup> Prices prior to 1995 are annual averages. Beginning 1995, prices refer to April 1.

<sup>3/</sup> Prices prior to 1993 represent gasoline, regular, bulk delivery.

Table 94: **AGRICULTURAL LABOR:** Wage Rates for Hired Workers, Number of Workers, and Hours Worked, January, April, July, October, and Annual, 1994 to Date <sup>1/</sup>

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>
<b><u>NORTHEAST 1</u></b>							
<u>January</u>	1994	7.05	5.99	7.10	5.35	35.0	39.6
	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
<u>April</u>	1994	7.20	6.23	6.88	5.68	45.0	40.1
	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	7.42	7.13	7.76	6.09	37.0	37.6
<u>July</u>	1994	6.72	6.08	6.35	5.71	57.0	40.3
	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
<u>October</u>	1994	6.94	6.42	6.71	5.82	55.0	42.1
	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
<u>Annual</u>	1994	6.96	6.21	6.66	5.65	<u>3/</u>	<u>3/</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
<b><u>NEW YORK</u></b>							
<u>Annual</u>	1994	6.61	6.07	6.35	<u>2/</u>	<u>3/</u>	<u>3/</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

<sup>1/</sup> 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.

<sup>2/</sup> Insufficient data for this category.

<sup>3/</sup> Data not available.

Table 95. **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>								
<b>REFRIGERATED WAREHOUSES:</b>									
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 ( <i>Regular and CA</i> ) <sup>1/</sup>	194	186	185	186	187	169	174	172	156
CA ( <i>Controlled Atmosphere</i> )	101	101	100	104	106	97	101	100	95
<b>TOTAL</b>	314	315	300	295	295	274	271	262	242
	<i>1,000 cu. ft.</i>								
<b>GROSS REFRIGERATED SPACE:</b>									
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 ( <i>Regular and CA</i> )	30,345	30,507	32,232	31,021	32,782	29,489	31,285	32,113	34,664
<b>TOTAL</b> <sup>2/</sup>	91,597	96,307	90,404	105,193	123,580	121,786	113,774	117,170	119,154
Apple Storages:									
CA ( <i>Controlled Atmosphere</i> )	5,162	5,649	5,970	5,877	6,048	5,750	6,170	6,429	6,996

<sup>1/</sup> Firms with both regular and CA storage are counted once.

<sup>2/</sup> Total may not add due to rounding.

Table 96. **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>1,000 cu. ft.</i>					
<b>GENERAL STORAGES:</b>							
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
<b>APPLE STORAGES:</b>							
All ( <i>Regular and CA</i> )	156	34,664	-	34,664	30,332	-	30,332
<b>TOTAL</b> <sup>1/</sup>	242	60,441	58,714	119,154	49,979	41,341	91,320

<sup>1/</sup> Total may not add due to rounding.

# 1997 WEATHER SUMMARY

**JANUARY** - Average temperatures were 0.6 degrees warmer than normal. Precipitation averaged 2.60 inches across the state. This amount was 101 percent of the long-term average. Lake effect snow squalls off Lake Ontario from the 10th to the 14th contributed to the precipitation totals. The Tug Hill Plateau recorded over 90 inches of snow during that period.

**FEBRUARY** - Temperatures averaged 6.0 degrees above normal, making it the 9th warmest February on record. Precipitation totals averaged only 0.03 inches above normal. Warm temperatures kept snowfall totals low.

**MARCH** - After a warm winter, the first month of spring brought cooler than normal temperatures. March averaged 1.5 degrees below normal. Precipitation averaged 139 percent of normal. A major winter storm on the 31st and April 1st brought one to two feet of snow to parts of southeastern New York.

**APRIL** - The state average temperature of 40.9 degrees was 2.5 degrees below normal. Precipitation averaged 80 percent of normal. Departures ranged from 54 percent along the Southern Tier to 140 percent in the Hudson Valley.

**MAY** - Cool spring weather continued into May. Temperatures averaged 4.9 degrees below normal, making it the 6th coolest May on record. Rainfall was below normal in all but the Great Lakes Area, which was exactly normal. Totals in the Hudson Valley were 1.11 inches below normal, making it the driest area in the state during May.

**JUNE** - Warmer weather finally returned during June. The average temperature was 1.2 degrees above normal. It was another dry month. While the western half of the state was a bit wetter than normal, the Hudson Valley received 38 percent of its normal precipitation.

**JULY** - Temperatures averaged 1.1 degrees below normal. Dry weather continued, although there was a considerable amount of variability around the state. Storms during the first ten days brought significant amounts of rain to parts of northern New York. Remnants of Hurricane Danny dumped heavy rain on Long Island. The state overall received 94 percent of the normal rainfall for July.

**AUGUST** - While precipitation amounts varied widely during August, the average was 99 percent of normal. The average temperature was 1.3 degrees below normal. Strong thunderstorms on the 22nd brought damaging winds and large hail to Clinton, Oneida, and Otsego Counties.

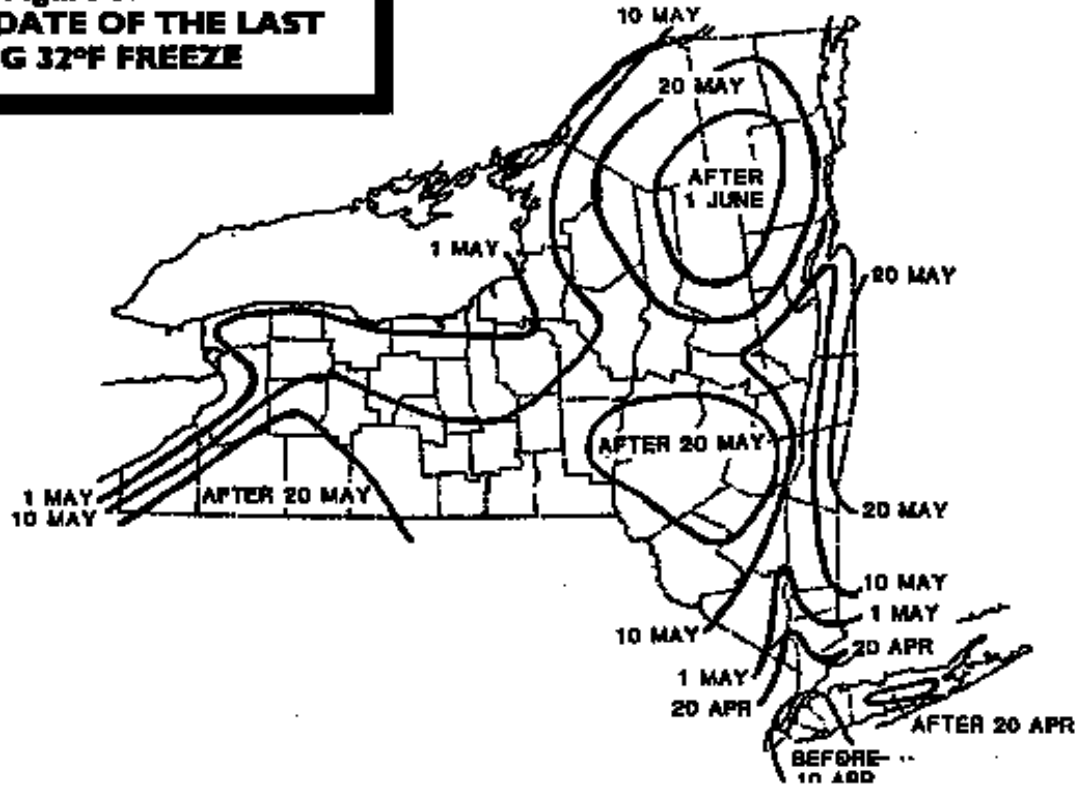
**SEPTEMBER** - Precipitation totals were 106 percent of normal, but averages ranged from 50 percent of normal on Long Island to 141 percent of normal along the Southern Tier. Temperature departures averaged 0.9 degrees below normal. Many locations around the state reported their first fall frost near the end of the month.

**OCTOBER** - October was a cool and dry month. Temperatures averaged 1.2 degrees below normal. Precipitation averaged 2.24 inches or 68 percent of normal. Lake effect snow started this month. Up to 19 inches fell over Jefferson and Oswego Counties on the 22nd and 23rd, closing parts of Interstate 81.

**NOVEMBER** - Most of New York received plenty of precipitation during November. The average of 4.42 inches was 118 percent of normal. November was the fifth consecutive month with a monthly temperature average below normal.

**DECEMBER** - December weather facts were the opposite of the previous month. Temperatures averaged 2.9 degrees above normal and precipitation averaged 93 percent of normal.

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



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

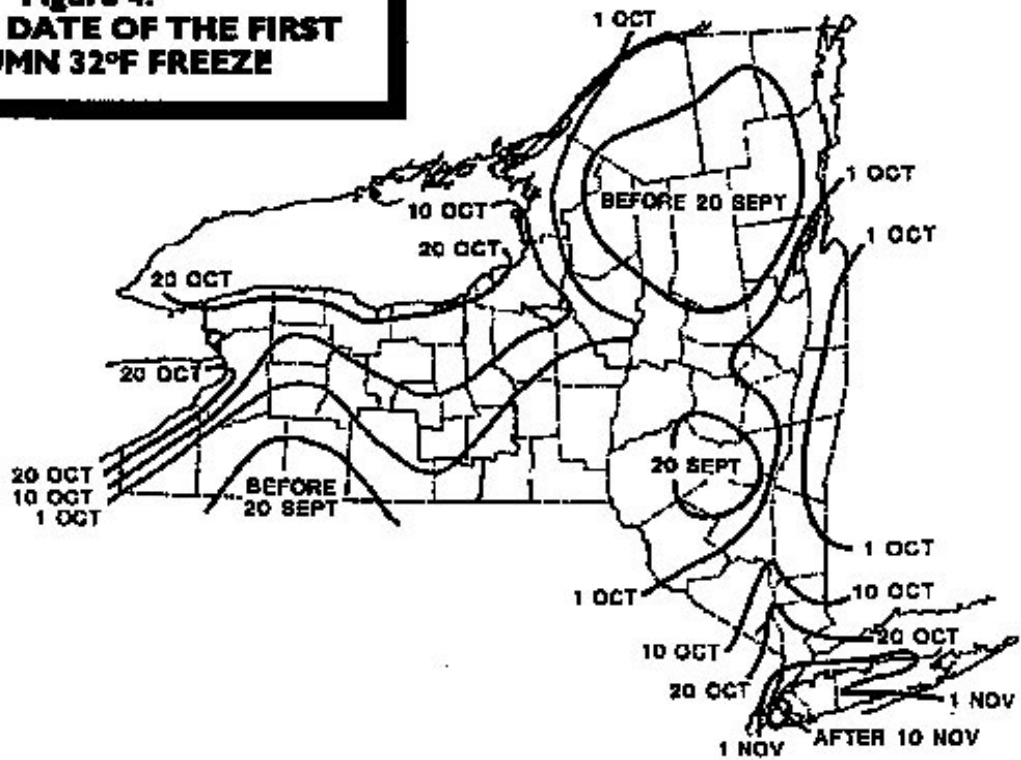




Table 97: **TEMPERATURE:** Departures From Normal by Months at Selected Stations, 1997

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	2.1	6.9	-1.1	-2.2	-4.0	-1.2	-1.2	-1.0	-0.6	-2.2	-3.9	3.3
Batavia	-0.2	6.2	-0.9	-2.2	-6.3	-1.3	-1.3	-1.6	-1.3	-0.5	-3.1	2.5
Binghamton	-0.1	5.7	-0.7	-2.5	-5.7	-1.9	-1.9	-2.2	-1.8	-1.3	-4.3	1.5
Bridgehamton	1.1	5.2	0.2	-0.3	-2.1	1.3	1.3	-2.0	-1.3	-0.5	-2.4	0.0
Buffalo	1.1	5.6	-0.7	-2.8	-6.0	-2.5	-2.5	-2.2	-1.4	-0.6	-2.9	2.7
Canton	-0.1	5.2	-2.9	-2.8	-4.1	-0.9	-0.9	-1.5	-1.0	-1.9	-1.5	3.2
Chazy	0.6	6.3	-4.6	-1.4	-3.6	-0.6	-0.6	-0.5	0.5	-0.9	-2.2	1.6
Coopertown	0.9	6.0	-1.6	-1.6	-4.0	-0.8	-0.8	-0.8	-0.8	-0.9	-4.2	2.0
Dansville	-1.1	6.8	0.3	-2.6	-5.0	-2.2	-2.2	-2.0	-1.9	-1.4	-4.2	2.3
Elmira	1.5	8.2	1.0	-1.8	-3.3	-0.5	-0.5	-0.6	0.5	1.2	-2.4	3.7
Fredonia	1.3	6.5	1.5	-1.9	-5.3	-2.4	-2.4	-2.2	-1.0	0.1	-3.8	1.8
Geneva	0.1	6.4	-0.4	-2.8	-5.2	-1.6	-1.6	-1.8	-1.1	-0.9	-3.3	3.4
Glens Falls	2.5	6.0	-2.6	-1.6	-3.6	-0.9	-0.9	0.1	0.3	-1.1	-2.9	3.9
Gloversville	-0.4	4.6	-3.2	-2.6	-5.2	-1.7	-1.7	-1.0	-1.1	-2.7	-3.2	2.6
Ithaca	0.6	7.7	0.0	-3.1	-4.2	-1.3	-1.3	-1.2	-0.8	<u>1/</u>	-3.3	<u>1/</u>
Liberty	-0.7	4.4	-1.5	-2.9	-5.3	-1.6	-1.6	-1.1	-2.1	<u>1/</u>	-3.3	2.4
Little Valley	-1.2	4.4	-0.1	-4.8	-7.5	-2.9	-2.9	-3.2	-1.8	-1.3	-3.7	2.0
Lowville	-0.4	5.8	-3.6	-3.5	-5.3	-0.7	-2.0	-1.2	-1.2	-2.0	-3.1	2.3
Massena	1.5	4.4	-1.5	1.3	-2.3	0.7	0.7	0.3	1.0	-0.3	-2.0	2.3
New York City	0.7	6.4	-0.5	-0.8	-3.3	-1.0	-1.0	-2.2	-1.2	-0.8	-3.1	1.7
Riverhead	2.3	7.5	1.4	1.2	-1.0	2.6	2.6	0.2	1.2	1.2	-1.8	2.2
Rochester	0.8	5.9	-1.4	-2.1	-6.7	-2.4	-2.4	-1.7	-2.4	-2.0	-3.1	2.1
Syracuse	1.5	6.4	-0.3	-1.5	-4.9	-0.6	-0.6	0.0	-1.4	-1.6	-3.3	2.1
Utica	0.9	6.6	-0.8	-1.2	-4.4	-1.3	-1.3	-0.2	-0.8	0.0	-2.7	3.7
Watertown	3.0	7.1	-3.9	-2.0	-4.9	-1.5	-1.5	-1.9	-2.0	-2.1	-2.7	3.9

Table 98: **PRECIPITATION:** Departures From Normal by Months at Selected Stations, 1997

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	-0.69	-0.27	1.48	-0.69	-0.81	-0.84	-0.84	1.17	1.15	-0.92	2.68	-0.83
Batavia	<u>1/</u>	<u>1/</u>	1.35	-1.70	-0.94	0.08	0.08	-0.65	2.29	-0.77	1.04	<u>1/</u>
Binghamton	-1.25	-0.41	0.95	-1.59	0.19	-1.94	-1.94	0.00	-0.45	-1.76	1.56	-0.19
Bridgehamton	-0.36	-1.19	2.00	2.42	-1.01	0.39	0.39	1.21	-1.93	-1.13	2.45	0.91
Buffalo	1.55	0.66	1.79	-1.22	0.47	-1.23	-1.23	0.50	1.57	-0.80	0.49	-0.79
Canton	0.93	0.31	0.90	-0.34	0.25	-0.38	-0.38	0.94	2.26	-0.82	0.15	-0.67
Chazy	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	-1.66	-0.46	-0.46	3.86	0.39	-0.64	<u>1/</u>	<u>1/</u>
Coopertown	<u>1/</u>	0.98	1.21	0.62	-0.45	-1.53	<u>1/</u>	-0.49	-0.69	-1.22	1.37	0.67
Dansville	-0.88	<u>1/</u>	0.31	<u>1/</u>	-0.69	-0.23	-0.23	-1.40	1.78	-1.45	0.33	-0.56
Elmira	-1.28	-0.49	0.27	-1.20	-1.26	-0.74	-0.74	-1.30	0.40	-1.90	0.47	0.89
Fredonia	<u>1/</u>	1.14	<u>1/</u>	-1.20	2.16	1.22	1.22	0.15	0.44	-0.78	<u>1/</u>	0.16
Geneva	-1.15	-0.15	0.70	-0.93	-0.39	-1.68	-1.68	-1.50	0.32	-1.89	1.20	-0.29
Glens Falls	-0.21	0.05	1.59	-0.83	-0.59	0.95	0.95	1.71	0.25	-0.53	1.57	-1.15
Gloversville	0.19	0.16	0.80	0.61	-1.00	-1.89	-1.89	1.31	-1.01	-0.67	1.08	-0.81
Ithaca	-0.95	-0.33	-0.09	-1.51	-0.53	-0.56	-0.56	-1.29	-0.31	<u>1/</u>	1.51	<u>1/</u>
Liberty	-0.59	-1.11	0.31	-0.80	-1.88	-0.73	-0.73	0.95	0.21	<u>1/</u>	<u>1/</u>	0.24
Little Valley	0.67	0.87	2.46	-1.32	2.45	0.64	0.64	-1.26	1.77	-0.68	-0.46	-0.34
Lowville	2.28	0.55	1.83	-1.13	-0.32	-0.39	-0.39	-1.85	-0.98	-0.62	-0.15	-0.25
Massena	1.06	0.79	0.85	-0.45	-0.53	1.15	1.15	-0.19	-0.57	-1.07	0.85	-1.32
New York City	0.23	-0.73	1.10	-1.34	-1.37	4.01	4.01	-0.80	-1.79	-1.46	0.21	0.36
Riverhead	<u>1/</u>	-1.20	1.03	-0.63	-1.27	-0.82	-0.82	0.15	-1.99	-1.70	1.19	0.12
Rochester	-0.05	0.30	1.60	-1.28	-0.60	-0.77	-0.77	0.82	2.39	-0.50	0.65	0.15
Syracuse	-0.88	0.10	0.80	-1.56	-0.85	-1.03	-1.03	0.55	-1.04	-1.74	0.56	0.93
Utica	-0.85	0.81	1.27	-1.53	0.18	-0.73	-1.32	-1.30	-2.23	-1.10	1.00	0.29
Watertown	3.15	0.13	1.86	-0.58	-0.23	0.55	0.55	-0.84	1.10	0.38	1.02	-0.34

1/ Data not available.

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

Table 99. **TEMPERATURE:** Monthly Average Temperatures at Selected Stations, 1997

Station	Jan.	Feb.	Mar.	Apr.	May	Jun	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	22.7	30.4	33.2	44.2	53.6	70.6	70.6	68.6	60.7	48.0	35.8	29.8
Batavia	23.2	30.8	33.7	43.9	51.2	69.5	69.5	67.1	60.8	51.1	37.6	31.1
Binghamton	21.0	28.4	31.9	41.9	50.1	67.3	67.3	65.0	57.8	47.5	34.0	28.0
Bridgehamton	31.0	36.6	38.4	46.3	54.1	72.8	72.8	69.0	62.8	53.5	42.6	35.2
Buffalo	24.7	30.1	33.1	42.4	50.6	68.6	68.6	66.8	60.5	50.5	37.6	31.8
Canton	14.7	21.7	25.7	39.3	50.2	67.4	67.4	64.5	57.1	45.0	34.5	24.1
Chazy	16.7	24.4	24.9	41.7	51.8	68.5	68.5	66.1	58.8	46.6	34.0	23.8
Coopertown	21.3	28.2	30.7	41.9	50.9	64.4	68.1	65.4	58.1	47.5	33.8	27.8
Dansville	22.7	31.7	34.7	42.8	51.5	67.1	68.1	66.5	59.5	49.4	36.7	31.8
Elmira	24.3	32.2	35.0	43.3	52.6	67.6	69.2	67.1	60.3	50.2	37.2	32.1
Fredonia	26.2	32.1	36.8	44.2	51.9	67.4	68.5	67.0	62.2	53.0	38.6	32.7
Geneva	22.4	29.7	32.8	42.1	50.9	67.2	68.8	66.8	60.2	49.3	36.7	31.4
Glens Falls	19.5	26.0	29.3	43.0	52.2	66.5	68.9	67.5	59.3	46.6	34.3	27.8
Gloversville	17.6	24.5	27.6	41.4	50.5	65.0	67.4	66.0	57.7	45.3	33.4	26.7
Ithaca	22.1	30.3	32.9	40.9	50.8	65.2	67.3	65.7	59.0	1/	35.9	1/
Liberty	19.7	26.9	30.7	40.8	49.2	62.4	66.2	64.9	56.3	1/	34.4	28.1
Little Valley	19.5	25.9	31.1	37.7	45.7	62.7	63.7	61.9	56.6	46.6	34.2	28.7
Lowville	15.2	23.1	25.2	38.4	48.6	64.2	65.5	64.1	56.1	44.7	32.3	24.5
Massena	15.8	20.9	26.8	44.0	52.9	69.1	69.9	66.8	59.0	46.7	33.3	22.5
New York City	32.2	40.0	41.9	51.7	59.4	70.9	75.8	73.3	67.0	56.7	44.5	38.3
Riverhead	32.7	39.1	41.0	49.9	58.3	69.7	76.1	72.8	67.1	56.8	44.1	37.9
Rochester	24.4	30.5	32.9	43.8	50.4	67.1	67.8	66.3	59.3	49.1	37.4	31.2
Syracuse	23.9	30.4	33.6	44.2	52.2	67.9	69.8	68.4	60.1	49.1	37.2	30.4
Utica	21.0	28.4	31.4	43.5	51.9	67.4	68.9	68.0	59.5	49.1	35.9	29.5
Watertown	20.9	26.4	27.0	41.2	49.3	65.0	67.1	64.9	57.2	46.3	35.2	28.0

Table 100. **PRECIPITATION:** Monthly Precipitation at Selected Stations, 1997

Station	Jan.	Feb.	Mar.	Apr.	May	Jun	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	1.67	2.00	4.41	2.30	2.60	0.74	2.34	4.64	4.10	1.91	5.91	2.10
Batavia	0.64	1.77	3.37	1.37	2.37	2.93	3.05	3.19	5.94	2.19	4.09	1.95
Binghamton	1.15	1.92	3.77	1.54	3.55	2.97	1.56	3.36	2.87	1.13	4.84	2.81
Bridgehamton	3.82	2.66	6.11	6.39	2.81	1.64	3.39	4.66	1.53	2.26	6.98	5.22
Buffalo	4.25	2.97	4.47	1.65	3.61	3.06	1.85	4.67	5.06	2.29	4.32	2.88
Canton	2.84	2.18	3.01	2.51	3.23	2.24	2.99	5.12	6.11	2.43	3.58	2.09
Chazy	0.57	0.62	1/	0.97	1.30	1.72	2.92	7.94	3.48	2.25	2.89	0.20
Coopertown	3.37	3.15	4.25	3.91	3.20	1.93	1.99	3.01	3.03	1.83	4.76	3.76
Dansville	0.52	0.98	2.10	1.00	2.22	4.10	2.80	1.82	5.14	1.17	2.99	1.57
Elmira	0.51	1.51	2.59	1.49	1.94	3.21	2.63	1.75	3.48	0.90	4.55	3.20
Fredonia	2.34	3.22	4.01	1.96	5.29	4.83	4.82	4.12	5.09	3.13	3.07	3.56
Geneva	0.61	1.63	2.76	1.98	2.61	3.39	1.27	1.64	3.54	1.01	4.26	2.18
Glens Falls	2.39	2.32	4.48	2.15	3.01	2.15	3.91	5.36	3.34	2.36	4.65	1.82
Gloversville	3.03	2.81	4.09	4.15	3.00	2.33	1.82	5.24	2.76	2.67	4.84	2.74
Ithaca	0.87	1.67	2.18	1.40	2.78	3.90	2.89	2.15	3.22	1/	4.59	1/
Liberty	2.80	2.15	3.83	3.56	2.75	2.60	3.53	5.37	4.12	1/	4.27	4.21
Little Valley	4.07	3.97	5.92	2.50	6.39	6.09	4.67	3.21	6.45	3.39	4.37	4.41
Lowville	5.33	3.05	4.61	1.97	2.73	3.02	2.94	1.95	2.79	2.80	3.92	3.44
Massena	3.19	2.78	3.00	2.20	2.00	1.98	4.32	3.55	2.92	1.74	3.98	1.87
New York City	3.65	2.54	5.18	2.86	3.05	1.93	8.36	3.21	2.10	2.10	4.68	4.27
Riverhead	3.97	2.37	4.94	3.43	2.52	1.89	2.53	3.97	1.20	1.81	5.49	4.26
Rochester	2.03	2.40	3.88	1.33	2.12	3.01	1.94	4.22	5.36	1.94	3.57	2.88
Syracuse	1.46	2.25	3.57	1.77	2.43	1.64	2.78	4.06	2.75	1.50	4.28	4.13
Utica	2.62	3.83	4.72	2.03	3.85	2.51	3.08	2.50	2.10	2.27	5.27	4.53
Watertown	5.68	2.15	4.07	1.93	2.46	1.28	2.49	2.44	4.36	3.14	4.33	2.50

1/ Data not available.

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

Table 101. **TEMPERATURE:** Average Monthly Soil Temperatures at Selected Stations, January-December 1997

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<i>Degrees F.</i>												
<b>HUDSON VALLEY</b>												
<b><u>Valatie</u></b>												
4" Max.	31.7	28.2	31.9	43.6	54.5	68.0	75.9	74.8	67.8	53.7	41.1	32.8
4" Min.	31.3	28.0	31.3	40.7	50.9	64.0	70.9	68.7	62.0	49.6	39.2	32.6
8" Max.	32.1	29.7	34.0	46.0	56.3	70.2	77.0	74.2	66.0	53.7	42.0	34.1
8" Min.	31.3	29.5	33.4	41.6	51.3	64.8	71.5	69.9	63.9	51.9	41.1	33.9
<b>ST. LAWRENCE VALLEY</b>												
<b><u>Canton</u></b>												
4" Max.	31.1	30.3	31.7	42.9	54.2	70.2	75.0	74.0	65.2	53.3	41.2	34.1
4" Min.	29.5	28.4	30.8	36.6	48.2	62.6	66.0	65.2	59.5	48.5	39.1	33.5
8" Max.	32.0	30.3	30.8	39.0	51.0	66.0	70.5	68.9	62.3	51.7	40.6	34.4
8" Min.	31.2	29.4	30.6	36.6	48.3	62.2	66.0	65.6	60.5	49.9	39.8	34.3
<b>CENTRAL LAKES</b>												
<b><u>Geneva</u></b>												
<b><u>Bare Ground</u></b>												
4" Max.	<u>1/</u>	<u>1/</u>	49.7	57.2	62.9	77.0	82.6	79.6	69.8	60.9	53.1	<u>1/</u>
4" Min.	<u>1/</u>	<u>1/</u>	32.3	38.2	46.0	62.5	66.5	64.7	56.7	46.3	36.3	<u>1/</u>
8" Max.	<u>1/</u>	<u>1/</u>	49.0	55.8	61.2	73.4	78.4	75.6	67.4	60.3	53.6	<u>1/</u>
8" Min.	<u>1/</u>	<u>1/</u>	33.3	39.7	47.4	62.9	67.4	66.0	58.9	48.7	38.1	<u>1/</u>
<b><u>Sod</u></b>												
4" Max.	<u>1/</u>	<u>1/</u>	42.6	52.0	60.0	75.4	80.5	78.3	69.6	58.5	48.1	<u>1/</u>
4" Min.	<u>1/</u>	<u>1/</u>	31.5	37.6	45.6	62.2	66.8	64.8	57.1	47.1	36.5	<u>1/</u>
8" Max.	<u>1/</u>	<u>1/</u>	41.5	48.1	55.8	69.4	74.7	43.0	65.5	56.5	48.4	<u>1/</u>
8" Min.	<u>1/</u>	<u>1/</u>	33.1	39.7	47.5	62.7	67.6	66.4	59.8	50.3	39.0	<u>1/</u>
<b><u>Ithaca</u></b>												
4" Max.	33.3	31.6	35.3	44.8	51.9	65.5	71.2	68.2	62.8	<u>1/</u>	40.0	<u>1/</u>
4" Min.	32.3	31.1	33.5	40.3	47.9	60.6	65.5	63.6	58.5	<u>1/</u>	38.3	<u>1/</u>
8" Max.	38.0	36.1	38.9	47.7	54.5	67.9	74.8	73.2	68.3	<u>1/</u>	46.6	<u>1/</u>
8" Min.	37.2	35.8	37.6	45.0	52.3	65.0	71.7	70.6	65.8	<u>1/</u>	45.4	<u>1/</u>

1/ Data not available.

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

Table 102. **HEATING DEGREE DAYS:** Selected Stations, January-December, 1997 <sup>1/</sup>

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	1,306	961	977	616	350	3	3	11	152	521	872	1,083
Batavia	1,290	949	962	628	421	14	14	29	138	446	814	1,045
Binghamton	1,361	1,017	1,017	689	454	34	34	53	219	535	922	1,139
Bridgehamton	1,045	794	821	558	331	3	3	4	100	362	665	915
Buffalo	1,241	970	983	668	438	17	17	25	150	457	814	1,023
Canton	1,554	1,208	1,211	764	451	43	43	83	237	612	909	1,262
Chazy	1,492	1,129	1,237	692	401	21	21	35	196	567	926	1,268
Coopertown	1,349	1,027	1,058	686	428	30	30	45	213	536	932	1,146
Dansville	1,307	927	934	657	412	34	34	37	178	486	839	1,022
Elmira	1,253	911	923	642	381	24	24	33	145	461	827	1,014
Fredonia	1,196	916	867	618	403	19	19	15	105	389	785	996
Geneva	1,313	984	990	673	428	23	23	31	155	487	845	1,035
Glens Falls	1,415	1,084	1,097	653	392	7	7	22	184	560	914	1,150
Gloversville	1,460	1,127	1,150	701	443	39	39	36	224	608	941	1,177
Ithaca	1,324	963	987	715	434	47	47	52	190	<sup>1/</sup>	867	<sup>1/</sup>
Liberty	1,399	1,061	1,058	718	482	46	46	53	262	<sup>1/</sup>	912	1,137
Little Valley	1,406	1,088	1,046	813	589	94	94	106	249	563	917	1,120
Lowville	1,536	1,168	1,225	791	502	74	74	75	262	622	972	1,249
Massena	1,517	1,226	1,178	617	370	18	18	17	199	570	942	1,313
New York City	1,010	691	712	393	174	2	2	0	48	284	611	822
Riverhead	997	716	734	447	202	0	0	0	116	275	619	833
Rochester	1,254	960	989	628	448	32	32	29	181	492	822	1,041
Syracuse	1,267	966	964	613	389	12	12	7	156	571	828	1,065
Utica	1,358	1,017	1,039	639	401	17	17	17	173	492	866	1,087
Watertown	1,363	1,076	1,167	710	480	52	52	51	236	575	887	1,141

<sup>1/</sup> One heating degree day is accumulated for each whole degree that the daily mean temperature is below 65 degrees Fahrenheit.

<sup>2/</sup> Data not available.

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

Table 103. **POPULATION:** Resident Population, July 1, New York and United States, 1987-1997

Year	New York	United States
	<i>Thousands</i>	
1987	17,835	243,419
1988	17,909	245,785
1989	17,950	248,239
1990	18,003	249,398
1991	18,037	252,106
1992	18,099	255,011
1993	18,170	257,795
1994	18,197	260,372
1995	18,191	262,890
1996	18,185	265,284
1997	18,137	267,636

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

Table 104. **FERTILIZER:** Consumption by Kind, Years Ended June 30, 1988-1997 <sup>1/</sup>

Kind of Fertilizer	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
<b>TOTAL FERTILIZER</b>										
All Kinds	539.0	544.4	659.9	575.3	670.7	596.1	712.3	641.1	452.9	530.6
<b>SINGLE NUTRIENT FERTILIZERS</b>										
Total	161.7	163.3	217.5	197.5	290.4	279.7	339.9	272.3	195.7	248.2
<b>Nitrogen Materials, Total</b>	85.0	85.9	124.5	119.7	191.7	192.5	212.4	191.6	132.7	148.5
Anhydrous ammonia	6.9	7.0	11.6	9.1	6.9	6.1	15.8	5.8	2.8	5.7
Nitrogen solutions	37.8	38.5	56.3	57.2	53.4	57.6	59.9	73.9	40.2	50.2
Urea	22.5	22.8	30.9	25.7	46.9	50.3	58.1	33.6	28.8	28.0
Ammonium nitrate	12.4	12.5	17.6	14.1	11.7	11.0	11.4	9.1	6.3	6.0
Ammonium sulfate	2.1	2.2	4.1	6.1	5.2	5.6	11.7	11.1	9.7	10.3
Other nitrogen materials	3.2	3.0	4.1	4.9	67.4	62.0	55.5	58.1	44.9	48.3
<b>Phosphate Materials, Total</b>	6.8	6.9	5.3	8.8	7.4	4.5	4.5	3.2	1.4	1.0
Superphosphates	5.2	5.3	5.1	3.5	5.9	4.4	3.1	2.3	1.2	.9
Other phosphates	1.5	1.6	.2	5.3	1.4	.1	1.5	.9	.2	.1
<b>Potash Materials, Total</b>	69.8	70.5	87.7	69.0	91.4	82.7	123.1	77.6	61.6	98.7
Potassium chloride	43.7	44.2	54.7	49.9	65.2	60.2	93.6	63.7	45.3	49.6
Potassium sulfate	22.4	22.6	29.1	16.9	22.3	17.1	18.8	1.1	.4	.2
Potassium mag. sulfate	N.A.	N.A.	2.2	1.3	2.8	2.0	5.7	3.6	2.0	2.5
Other potassium	3.7	3.7	1.7	.9	1.1	3.4	5.0	9.2	14.0	46.4
<b>MULTIPLE-NUTRIENT FERTILIZERS</b>										
Total	356.2	359.8	401.9	343.5	360.8	306.2	345.3	356.3	245.9	271.1
<b>SECONDARY AND MICRONUTRIENTS</b>										
Total	4.6	4.7	2.6	6.8	2.3	1.7	19.2	2.6	2.3	2.3
<b>NATURAL ORGANICS</b>										
Total	16.5	16.6	35.7	27.4	17.2	8.6	7.8	9.7	8.9	9.1

Table 105. **FERTILIZER:** Consumption of Primary Plant Nutrients, Years Ended June 30, 1988-1997 <sup>1/</sup>

Year	Multiple-Nutrient Grades				All Fertilizers			
	N	Available P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total	N	Available P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Total
	<i>1,000 tons</i>							
1988	43.6	58.3	51.4	153.2	76.5	60.5	89.8	226.8
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

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.

<sup>1/</sup> May not add due to rounding.

Table 106. **PER CAPITA UTILIZATION:** Selected Commodities,  
United States, 1988-1997

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	<i>Pounds</i>									
<b>VEGETABLES 1/</b>										
Cabbage, Fresh	9.1	8.7	8.8	8.5	8.9	9.7	9.7	8.7	9.2	10.2
Kraut	1.4	1.3	1.2	1.4	1.2	1.4	1.2	1.4	1.2	1.1
Carrots, Fresh	7.1	8.1	8.3	7.7	8.3	8.2	8.7	9.0	10.1	12.5
Processed	3.4	3.4	3.4	3.5	4.0	3.8	4.1	4.2	4.4	4.0
Cauliflower, Fresh	2.2	2.3	2.2	2.0	1.8	1.7	1.6	1.4	1.5	1.6
Processed	.9	.8	.8	.6	.7	.7	.6	.6	.5	.4
Celery, Fresh	7.2	7.5	7.2	6.8	7.4	7.1	6.8	6.4	6.3	6.0
Cucumbers, Fresh	4.8	4.8	4.7	4.6	5.0	5.3	5.5	5.7	6.0	6.3
Pickles	5.3	5.2	5.0	5.1	4.6	4.4	4.7	5.2	4.1	5.3
Dry beans	6.9	5.9	6.6	7.3	7.8	7.4	7.8	7.7	7.5	7.8
Green peas, Processed 2/	3.7	3.7	4.2	4.2	4.1	3.5	3.7	3.7	3.4	3.5
Lettuce (head type)	27.0	28.8	27.8	26.1	25.9	24.6	24.3	22.5	23.3	24.3
Onions, Fresh	14.5	14.8	15.1	15.7	16.2	16.5	16.5	17.6	17.9	17.5
Potatoes, Fresh	49.7	50.1	46.8	50.4	48.6	49.3	50.3	49.2	49.9	47.9
Processed	72.8	77.1	77.3	84.1	82.1	85.6	89.9	88.9	95.3	94.2
Snap beans, Processed	5.5	5.9	5.6	5.9	5.7	5.8	5.8	5.2	5.7	5.5
Sweet corn, Fresh	5.8	6.5	6.7	5.9	6.9	7.0	8.2	7.8	8.3	8.1
Processed	19.1	17.9	19.6	20.5	20.9	21.0	19.4	21.0	21.0	20.4
Tomatoes, Fresh	16.8	16.8	15.5	15.4	15.5	16.0	16.5	17.2	18.0	19.0
Processed	61.3	69.4	75.4	77.4	73.7	76.4	73.6	75.6	74.2	72.7
<b>FRUITS 1/</b>										
Apples, Fresh	19.8	21.2	19.6	18.2	19.2	19.2	19.6	18.9	19.3	N/A
Processed	27.4	25.3	28.5	25.7	27.4	29.5	30.1	26.8	27.6	N/A
Peaches, Fresh	6.7	5.9	5.5	6.4	6.0	6.0	5.5	5.4	4.3	N/A
Processed	5.2	5.0	5.0	5.1	5.5	5.1	5.1	4.1	4.9	N/A
Pears, Fresh	3.2	3.2	3.2	3.2	3.1	3.4	3.5	3.4	3.1	N/A
Processed	3.5	3.7	4.3	3.8	4.2	4.2	4.8	3.9	4.1	N/A
Cherries, Fresh	.5	.6	.4	.4	.5	.4	.5	.3	.4	N/A
Processed	1.0	1.0	1.1	.8	.9	1.1	1.1	1.0	.9	N/A
Grapes, Fresh	7.7	7.9	7.9	7.3	7.2	7.1	7.3	7.5	6.9	N/A
Processed	41.9	38.3	36.2	36.4	39.2	37.6	34.3	38.7	37.0	N/A
Strawberries, Fresh	3.3	3.3	3.2	3.6	3.6	3.6	4.1	4.2	4.4	N/A
Processed	1.2	1.2	1.1	1.2	1.2	1.2	1.1	1.3	1.3	N/A
<b>MEATS 3/</b>										
Beef	68.6	65.4	63.9	63.1	62.6	61.5	63.6	64.4	65.0	64.6
Veal	1.1	1.0	.9	.8	.8	.8	.8	.8	1.0	.8
Lamb and mutton	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.8	.8
Pork	48.8	48.4	46.4	46.9	49.5	48.9	49.6	49.0	46.0	45.0
<b>DAIRY PRODUCTS 4/</b>										
American cheese	11.5	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0	N/A
Italian cheese	8.1	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8	N/A
Total cheese 5/	23.7	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7	N/A
Cottage cheese	3.9	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6	N/A
Ice cream	17.3	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9	N/A
Ice milk	8.0	8.4	7.7	7.4	7.1	6.9	7.6	7.5	7.6	N/A
Butter	4.5	4.4	4.4	4.4	4.4	4.7	4.8	4.5	4.5	N/A
Beverage milks	222	224	222	221	218	213	213	210	210	N/A
<b>POULTRY PRODUCTS</b>										
Chickens 3/	39.6	40.9	42.4	44.2	46.7	48.5	49.3	48.8	49.8	51.2
Turkeys 3/	12.4	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6	14.8
Eggs, number	247	237	236	235	236	236	239	236	239	243

**Source:** Economic Research Service, U.S. Dept. of Agriculture. N/A - Not available. 1/ Fresh weight basis. 2/ In-shell basis. 3/ Boneless, trimmed weight. 4/ Product weight basis. 5/ Excludes cottage cheese.

Table 107. **FARM REAL ESTATE: Average Value Per Acre, by Region and State**  
January 1, 1989-1998 <sup>1/</sup> <sub>2/</sub>

State	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	<i>Dollars</i>									
<b>Northeast</b>										
Connecticut	4,715	5,033	5,158	5,241	5,959	6,495	6,567	6,810	7,500	7,800
Delaware	2,037	2,214	2,181	2,042	2,246	2,511	2,689	2,907	3,170	3,350
Maine	1,046	1,073	1,057	1,033	1,130	1,232	1,245	1,291	1,300	1,320
Maryland	2,534	2,563	2,394	2,530	2,911	3,310	3,707	3,826	4,000	4,120
Massachusetts	3,988	4,227	4,301	4,340	4,898	5,339	5,398	5,597	6,200	6,450
New Hampshire	2,253	2,269	2,194	2,103	2,256	2,459	2,486	2,578	2,600	2,700
New Jersey	4,947	5,494	6,341	6,710	6,942	7,407	8,052	8,172	8,290	8,370
New York	1,045	1,014	1,095	1,139	1,237	1,383	1,380	1,333	1,390	1,390
Pennsylvania	1,936	1,929	1,937	2,073	2,056	2,247	2,339	2,505	2,630	2,760
Rhode Island	5,289	5,564	5,619	5,627	6,304	6,871	6,947	7,204	7,900	8,200
Vermont	1,226	1,262	1,248	1,223	1,342	1,463	1,479	1,534	1,550	1,550
<b>Lake States</b>										
Michigan	983	1,005	1,086	1,106	1,131	1,214	1,329	1,470	1,600	1,720
Minnesota	747	810	881	884	910	914	936	976	1,040	1,100
Wisconsin	845	801	849	865	925	968	1,065	1,175	1,250	1,350
<b>Corn Belt</b>										
Illinois	1,391	1,405	1,459	1,536	1,548	1,694	1,863	2,064	2,210	2,380
Indiana	1,249	1,254	1,291	1,325	1,395	1,504	1,654	1,801	1,970	2,170
Iowa	1,095	1,090	1,139	1,153	1,212	1,281	1,349	1,442	1,650	1,800
Missouri	684	701	723	734	774	825	880	948	1,010	1,090
Ohio	1,298	1,273	1,323	1,396	1,456	1,593	1,800	1,989	2,110	2,300
<b>Northern Plains</b>										
Kansas	429	450	449	460	463	503	535	553	575	590
Nebraska	511	524	517	517	514	562	596	632	680	735
North Dakota	317	321	337	318	335	353	373	383	410	415
South Dakota	273	291	293	286	273	286	302	310	325	350
<b>Appalachia</b>										
Kentucky	910	978	958	988	1,077	1,136	1,250	1,377	1,450	1,550
North Carolina	1,364	1,355	1,382	1,455	1,573	1,609	1,749	1,970	2,050	2,130
Tennessee	1,037	1,067	1,095	1,130	1,245	1,250	1,336	1,526	1,650	1,740
Virginia	1,397	1,665	1,490	1,643	1,636	1,690	1,771	1,925	2,030	2,100
West Virginia	731	664	704	843	849	869	910	965	1,000	1,050
<b>Southeast</b>										
Alabama	847	890	864	936	1,000	1,117	1,262	1,387	1,480	1,570
Florida	1,880	2,070	2,110	2,033	2,037	2,165	2,219	2,306	2,300	2,320
Georgia	1,030	1,079	1,095	1,025	1,131	1,154	1,256	1,358	1,430	1,500
South Carolina	990	1,011	1,112	1,152	1,137	1,204	1,337	1,363	1,400	1,440
<b>Delta States</b>										
Arkansas	801	796	841	815	880	927	983	989	1,010	1,050
Louisiana	959	925	920	926	972	1,000	1,082	1,176	1,230	1,280
Mississippi	717	736	766	754	777	836	886	917	950	1,000
<b>Southern Plains</b>										
Oklahoma	518	491	477	482	496	517	547	547	570	600
Texas	521	507	498	488	499	522	550	566	600	650
<b>Mountain</b>										
Arizona	276	267	291	311	316	325	347	399	420	440
Colorado	375	374	437	400	426	479	520	558	590	620
Idaho	593	658	654	680	682	774	836	905	960	1,020
Montana	202	222	219	219	227	254	277	289	305	320
Nevada	242	207	241	262	252	268	289	332	350	365
New Mexico	185	185	210	212	194	208	225	258	280	290
Utah	426	398	417	445	491	537	606	697	750	780
Wyoming	144	153	159	145	159	180	192	206	220	230
<b>Pacific</b>										
California	1,742	1,884	2,077	2,157	2,213	2,213	2,215	2,404	2,510	2,620
Oregon	536	573	586	607	663	747	844	928	1,000	1,030
Washington	777	821	864	880	892	1,025	1,065	1,117	1,230	1,280
<b>48 States</b>	668	683	703	713	736	782	832	890	945	1,000

<sup>1/</sup>Value of farmland and buildings.

<sup>2/</sup> Estimates for 1996 and prior years previously published by the Economic Research Service, USDA.



New York State  
Counties



# 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 by the U.S. Department of Commerce, 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.

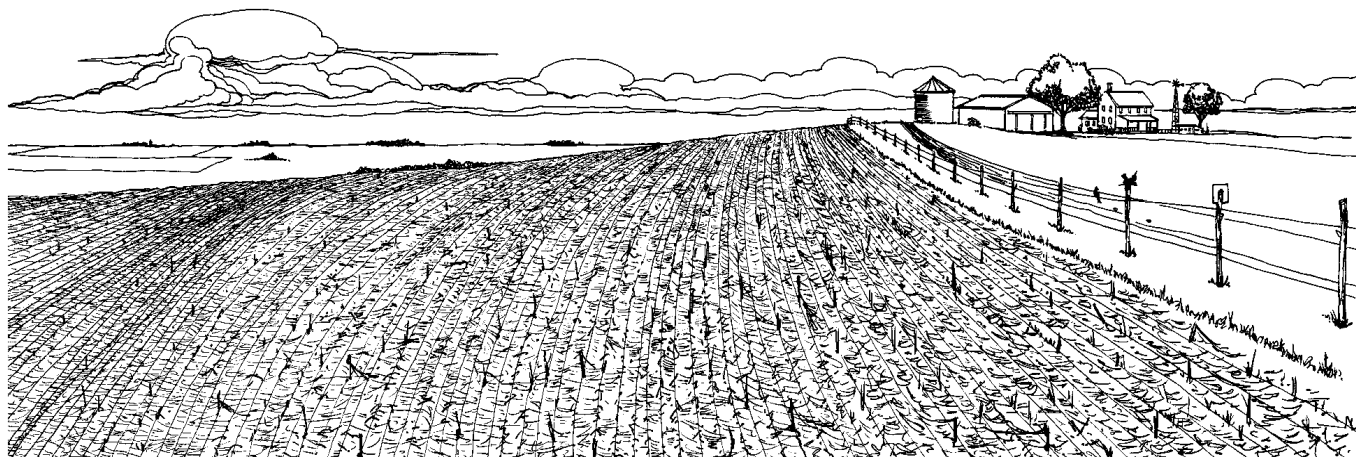


Table 108. FARMLAND: Farms, Land in Farms and Land Use, by County, 1996

County	Number of farms	Land in farms	Total cropland <sup>1/</sup>	Permanent pasture <sup>2/</sup>	Total woodland <sup>3/</sup>	Other land <sup>4/</sup>
	<i>Number</i>		<i>Acres</i>			
Albany	435	59,000	38,400	4,700	13,700	2,200
Allegany	760	165,900	90,300	17,100	46,800	11,700
Broome	575	100,500	51,600	12,900	27,900	8,100
Cattaraugus	1,050	210,000	114,600	23,200	56,000	16,200
Cayuga	975	262,000	189,300	16,400	33,400	22,900
Chautauqua	1,870	266,100	158,900	21,500	60,900	24,800
Chemung	320	60,700	31,300	5,800	16,700	6,900
Chenango	890	191,100	106,300	23,600	48,700	12,500
Clinton	545	164,000	90,400	22,000	47,500	4,100
Columbia	540	116,700	79,300	7,700	18,800	10,900
Cortland	530	141,400	78,300	19,500	31,800	11,800
Delaware	800	199,000	99,000	29,400	60,300	10,300
Dutchess	615	113,500	60,700	12,700	26,000	14,100
Erie	1,110	148,000	112,300	8,400	22,600	4,700
Essex	215	57,700	29,200	4,500	21,500	2,500
Franklin	570	143,600	83,700	15,700	36,300	7,900
Fulton	205	36,800	23,500	2,200	6,900	4,200
Genesee	605	178,800	144,600	5,700	16,400	12,100
Greene	245	48,100	23,500	4,400	14,400	5,800
Herkimer	710	169,000	102,300	19,500	34,700	12,500
Jefferson	995	311,000	192,600	37,300	47,500	33,600
Lewis	685	176,400	103,400	14,900	39,500	18,600
Livingston	710	212,400	162,400	11,200	27,400	11,400
Madison	780	202,000	129,400	22,500	33,600	16,500
Monroe	565	113,200	95,400	2,800	6,300	8,700
Montgomery	595	143,600	109,500	7,900	17,000	9,200
Nassau	65	1,600	600	700	200	100
Niagara	835	140,000	114,200	3,900	10,100	11,800
Oneida	1,170	251,900	157,000	27,200	51,800	15,900
Onondaga	705	151,200	117,000	7,900	16,100	10,200
Ontario	805	188,000	146,300	7,700	17,600	16,400
Orange	715	106,600	68,200	10,700	17,800	9,900
Orleans	520	138,900	114,000	2,900	14,600	7,400
Oswego	735	114,100	68,800	8,000	28,700	8,600
Otsego	970	225,100	116,100	28,200	60,500	20,300
Putnam	45	4,200	2,000	400	1,300	500
Rensselaer	495	93,400	54,000	10,800	24,300	4,300
Rockland	30	900	600	0	300	0
St. Lawrence	1,530	412,700	227,400	36,600	111,400	37,300
Saratoga	495	72,000	48,200	5,400	15,800	2,600
Schenectady	170	19,000	11,600	900	5,100	1,400
Schoharie	575	121,600	73,000	12,000	27,000	9,600
Schuyler	350	67,200	40,300	8,800	13,100	5,000
Seneca	430	120,600	97,100	3,400	11,900	8,200
Steuben	1,400	372,800	223,900	35,100	90,200	23,600
Suffolk	655	37,000	31,500	500	1,300	3,700
Sullivan	340	57,900	31,300	6,500	17,400	2,700
Tioga	565	118,400	69,400	12,600	30,700	5,700
Tompkins	495	94,900	61,700	6,500	16,800	9,900
Ulster	485	73,000	39,300	5,500	18,100	10,100
Warren	65	6,100	1,700	400	3,600	400
Washington	830	209,800	127,800	20,500	45,900	15,600
Wayne	1,025	180,000	133,900	5,900	23,200	17,000
Westchester	110	5,900	3,200	0	700	2,000
Wyoming	825	218,000	153,100	13,700	33,700	17,500
Yates	670	106,700	76,600	3,800	18,200	8,100
<b>TOTAL</b>	<b>36,000</b>	<b>7,700,000</b>	<b>4,910,000</b>	<b>660,000</b>	<b>1,540,000</b>	<b>590,000</b>

<sup>1/</sup> Includes cropland pastured. <sup>2/</sup> Excludes cropland and woodland pastured.

<sup>3/</sup> Includes woodland pastured. <sup>4/</sup> Land in house lots, ponds, roads, wasteland, etc.

Table 109. FARMLAND: Farms, Land in Farms and Land Use, by County, 1997

County	Number of farms	Land in farms	Total cropland <sup>1/</sup>	Permanent pasture <sup>2/</sup>	Total woodland <sup>3/</sup>	Other land <sup>4/</sup>
	<i>Number</i>			<i>Acres</i>		
Albany	430	59,100	37,100	4,700	14,200	3,100
Allegany	765	165,500	90,000	17,100	46,700	11,700
Broome	580	100,400	51,600	12,800	27,800	8,200
Cattaraugus	1,055	212,000	115,800	23,100	55,900	17,200
Cayuga	980	262,100	189,000	16,400	33,400	23,300
Chautauqua	1,865	265,400	157,900	21,500	60,800	25,200
Chemung	325	60,800	31,900	5,800	16,600	6,500
Chenango	895	192,000	106,100	23,600	48,700	13,600
Clinton	540	161,500	89,700	21,700	46,800	3,300
Columbia	535	118,000	79,000	7,700	18,900	12,400
Cortland	535	141,500	78,500	19,500	31,800	11,700
Delaware	795	196,000	98,700	29,400	60,600	7,300
Dutchess	610	112,500	59,900	12,700	26,300	13,600
Erie	1,105	147,800	112,300	8,300	22,500	4,700
Essex	210	57,500	29,300	4,300	21,200	2,700
Franklin	565	142,600	83,300	15,500	35,600	8,200
Fulton	210	36,700	23,500	2,200	7,100	3,900
Genesee	615	178,700	146,900	5,700	16,300	9,800
Greene	240	49,000	23,900	4,400	14,500	6,200
Herkimer	715	170,100	102,600	19,500	34,700	13,300
Jefferson	990	312,100	194,300	37,200	47,200	33,400
Lewis	680	176,800	104,400	14,900	39,400	18,100
Livingston	715	213,800	162,000	11,100	27,300	13,400
Madison	785	200,200	128,300	22,500	33,600	15,800
Monroe	560	114,000	96,000	2,800	6,300	8,900
Montgomery	600	143,700	109,600	7,900	17,500	8,700
Nassau	60	1,600	500	700	200	200
Niagara	840	141,000	114,500	3,900	10,000	12,600
Oneida	1,170	248,600	155,700	27,100	51,700	14,100
Onondaga	710	151,800	117,900	7,900	16,100	9,900
Ontario	810	188,000	146,100	7,600	17,500	16,800
Orange	710	107,000	68,000	10,700	17,900	10,400
Orleans	515	138,000	114,400	2,900	14,500	6,200
Oswego	730	113,800	67,900	8,000	28,700	9,200
Otsego	975	223,700	115,100	28,100	60,400	20,100
Putnam	40	4,100	2,000	400	1,400	300
Rensselaer	490	93,900	54,100	10,800	24,800	4,200
Rockland	25	900	500	100	200	100
St.. Lawrence	1,525	412,400	226,800	36,500	111,300	37,800
Saratoga	490	72,200	47,600	5,400	5,300	2,900
Schenectady	165	19,200	11,700	900	16,300	1,300
Schoharie	580	122,700	73,700	12,700	27,500	8,800
Schuyler	355	67,400	40,200	8,800	13,000	5,400
Seneca	435	119,500	96,900	3,400	11,800	7,400
Steuben	1,405	374,000	227,000	35,000	90,000	22,000
Suffolk	650	37,000	31,400	500	1,300	3,800
Sullivan	335	58,500	31,200	6,500	17,500	3,300
Tioga	570	119,000	69,700	12,500	30,600	6,200
Tompkins	500	95,300	63,000	6,500	16,700	9,100
Ulster	480	73,800	39,000	5,500	18,200	11,100
Warren	70	6,000	1,600	400	3,500	500
Washington	835	211,800	127,000	21,200	46,400	17,200
Wayne	1,020	179,500	132,800	5,900	23,100	17,700
Westchester	105	6,000	2,900	400	700	2,000
Wyoming	830	217,600	152,700	13,600	33,600	17,700
Yates	675	105,900	76,500	3,800	18,100	7,500
<b>TOTAL</b>	<b>36,000</b>	<b>7,700,000</b>	<b>4,910,000</b>	<b>660,000</b>	<b>1,540,000</b>	<b>590,000</b>

<sup>1/</sup> Includes cropland pastured. <sup>2/</sup> Excludes cropland and woodland pastured. <sup>3/</sup> Includes woodland pastured.

<sup>4/</sup> Land in house lots, ponds, roads, wasteland, etc.

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Table 110. HAY: Acreage, Yield, and Production, by County, 1996 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	9,100	2.5	22,700	11,100	1.8	19,700	20,200	2.1	42,400
Allegany	10,500	2.7	28,300	24,900	1.8	46,000	35,400	2.1	74,300
Broome	5,500	2.3	12,600	14,900	1.9	28,200	20,400	2.0	40,800
Cattaraugus	12,900	2.8	36,100	26,100	2.2	57,500	39,000	2.4	93,600
Cayuga	23,000	3.0	69,000	8,000	2.2	17,800	31,000	2.8	86,800
Chautauqua	14,500	2.6	37,700	44,700	2.2	98,500	59,200	2.3	136,200
Chemung	5,400	2.3	12,400	7,400	1.6	11,900	12,800	1.9	24,300
Chenango	16,700	2.4	40,000	33,100	2.1	69,600	49,800	2.2	109,600
Clinton	10,400	3.0	31,200	16,600	2.0	33,600	27,000	2.4	64,800
Columbia	10,000	2.7	27,000	9,400	1.9	17,600	19,400	2.3	44,600
Cortland	12,000	3.0	36,000	15,200	2.3	34,700	27,200	2.6	70,700
Delaware	14,100	2.3	32,400	34,500	2.2	74,500	48,600	2.2	106,900
Dutchess	9,300	2.2	20,400	8,700	1.8	15,600	18,000	2.0	36,000
Erie	12,400	3.0	37,200	23,600	2.1	49,200	36,000	2.4	86,400
Essex	5,200	2.3	12,000	6,200	1.7	10,800	11,400	2.0	22,800
Franklin	12,600	2.7	34,000	25,600	2.3	57,700	38,200	2.4	91,700
Fulton	3,600	2.8	10,000	4,200	1.7	7,200	7,800	2.2	17,200
Genesee	13,300	3.2	42,600	3,700	1.8	6,700	17,000	2.9	49,300
Greene	4,600	2.7	12,400	8,600	1.8	15,300	13,200	2.1	27,700
Hamilton	-	-	-	-	-	-	-	-	-
Herkimer	18,000	2.7	48,600	17,000	2.3	38,900	35,000	2.5	87,500
Jefferson	22,900	2.7	61,800	57,300	1.9	106,600	80,200	2.1	168,400
Lewis	21,400	2.9	62,100	25,200	2.0	49,700	46,600	2.4	111,800
Livingston	16,400	3.2	52,500	7,200	1.9	13,600	23,600	2.8	66,100
Madison	23,200	2.8	64,900	14,400	2.0	29,100	37,600	2.5	94,000
Monroe	7,300	3.1	22,600	3,700	1.6	6,000	11,000	2.6	28,600
Montgomery	20,200	2.7	54,500	22,200	2.1	47,300	42,400	2.4	101,800
Nassau	-	-	-	-	-	-	-	-	-
Niagara	12,100	2.7	32,700	14,500	2.1	31,100	26,600	2.4	63,800
Oneida	28,800	2.7	77,700	23,400	2.3	52,800	52,200	2.5	130,500
Onondaga	17,300	2.9	50,100	8,700	2.3	20,100	26,000	2.7	70,200
Ontario	13,700	3.1	42,400	5,900	1.8	10,500	19,600	2.7	52,900
Orange	8,700	2.2	19,100	12,500	2.2	27,500	21,200	2.2	46,600
Orleans	6,400	3.4	21,700	3,000	1.9	5,600	9,400	2.9	27,300
Oswego	7,200	3.4	24,400	16,000	2.1	33,600	23,200	2.5	58,000
Otsego	24,300	2.4	58,300	31,100	2.0	63,600	55,400	2.2	121,900
Putnam	200	2.0	400	300	2.0	600	500	2.0	1,000
Rensselaer	9,400	2.8	26,300	11,800	1.7	20,300	21,200	2.2	46,600
Rockland	-	-	-	-	-	-	-	-	-
St. Lawrence	32,700	2.2	71,900	75,700	1.8	135,500	108,400	1.9	207,400
Saratoga	7,400	2.9	21,400	8,000	1.8	14,000	15,400	2.3	35,400
Schenectady	2,100	2.1	4,400	3,900	1.6	6,400	6,000	1.8	10,800
Schoharie	13,600	2.5	34,000	18,200	2.1	39,100	31,800	2.3	73,100
Schuyler	7,000	2.2	15,400	6,000	1.6	9,300	13,000	1.9	24,700
Seneca	8,400	2.8	23,500	7,600	2.2	16,500	16,000	2.5	40,000
Steuben	32,100	2.3	73,800	45,500	1.8	81,400	77,600	2.0	155,200
Suffolk	200	3.5	700	400	1.3	500	600	2.0	1,200
Sullivan	3,500	2.2	7,700	13,500	2.1	28,000	17,000	2.1	35,700
Tioga	8,300	2.3	19,000	15,900	1.8	29,400	24,200	2.0	48,400
Tompkins	7,800	2.7	21,000	7,200	2.1	15,000	15,000	2.4	36,000
Ulster	2,900	2.9	8,400	8,700	1.7	14,800	11,600	2.0	23,200
Warren	400	2.0	800	400	2.0	800	800	2.0	1,600
Washington	15,700	2.7	42,300	25,100	1.9	47,500	40,800	2.2	89,800
Wayne	9,500	3.1	29,400	7,500	2.2	16,500	17,000	2.7	45,900
Westchester	500	2.4	1,200	800	2.0	1,600	1,300	2.2	2,800
Wyoming	15,300	3.4	52,000	17,900	2.5	44,300	33,200	2.9	96,300
Yates	10,000	2.7	27,000	7,000	1.5	10,400	17,000	2.2	37,400
Other Counties	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>640,000</b>	<b>2.7</b>	<b>1,728,000</b>	<b>870,000</b>	<b>2.0</b>	<b>1,740,000</b>	<b>1,510,000</b>	<b>2.3</b>	<b>3,468,000</b>

1/ Dry hay only. Excludes silage and green chop.

Table 111. 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	9,000	1.7	15,300	10,900	1.6	17,500	19,900	1.6	32,800
Allegany	9,900	2.9	28,900	24,800	2.3	57,900	34,700	2.5	86,800
Broome	5,700	2.4	13,800	14,600	1.8	26,000	20,300	2.0	39,800
Cattaraugus	12,600	3.2	39,800	25,400	2.2	54,800	38,000	2.5	94,600
Cayuga	22,600	2.7	60,100	7,300	2.0	14,600	29,900	2.5	74,700
Chautauqua	14,400	2.8	40,400	45,000	2.5	111,500	59,400	2.6	151,900
Chemung	5,600	2.3	12,900	7,000	1.8	12,400	12,600	2.0	25,300
Chenango	16,400	2.7	44,800	33,900	2.1	71,900	50,300	2.3	116,700
Clinton	10,200	2.9	29,900	16,000	2.0	32,000	26,200	2.4	61,900
Columbia	9,300	2.2	20,100	10,200	1.8	18,400	19,500	2.0	38,500
Cortland	12,500	2.9	36,300	15,400	2.0	31,500	27,900	2.4	67,800
Delaware	14,100	2.0	27,500	34,400	1.8	61,300	48,500	1.8	88,800
Dutchess	9,200	2.1	19,700	8,400	1.8	15,200	17,600	2.0	34,900
Erie	11,800	2.9	34,300	24,300	2.1	50,800	36,100	2.4	85,100
Essex	5,200	2.0	10,400	5,800	1.9	11,200	11,000	2.0	21,600
Franklin	12,200	2.6	31,700	25,700	2.2	57,500	37,900	2.4	89,200
Fulton	3,500	1.8	6,200	3,800	1.8	6,700	7,300	1.8	12,900
Genesee	13,900	2.9	40,600	3,400	2.0	6,800	17,300	2.7	47,400
Greene	4,200	2.5	10,300	8,900	1.4	12,100	13,100	1.7	22,400
Hamilton	-	-	-	-	-	-	-	-	-
Herkimer	18,400	2.6	48,700	17,300	2.1	36,100	35,700	2.4	84,800
Jefferson	22,800	2.7	62,400	56,300	2.1	115,800	79,100	2.3	178,200
Lewis	22,300	2.5	55,500	24,200	1.9	46,800	46,500	2.2	102,300
Livingston	17,300	3.2	55,400	7,200	2.7	19,100	24,500	3.0	74,500
Madison	22,500	3.0	67,600	13,900	1.9	26,600	36,400	2.6	94,200
Monroe	7,800	2.5	19,500	3,100	1.5	4,700	10,900	2.2	24,200
Montgomery	20,000	2.1	42,000	23,700	1.7	40,000	43,700	1.9	82,000
Nassau	-	-	-	-	-	-	-	-	-
Niagara	11,300	2.9	32,800	13,700	2.0	27,800	25,000	2.4	60,600
Oneida	28,200	2.9	80,400	23,200	2.3	52,900	51,400	2.6	133,300
Onondaga	17,500	3.0	52,500	7,800	1.7	13,600	25,300	2.6	66,100
Ontario	13,400	3.1	41,900	6,700	1.6	10,500	20,100	2.6	52,400
Orange	8,900	2.1	18,700	13,700	1.9	25,700	22,600	2.0	44,400
Orleans	6,100	3.1	19,000	3,100	1.7	5,200	9,200	2.6	24,200
Oswego	7,500	3.1	23,300	15,400	2.1	32,200	22,900	2.4	55,500
Otsego	23,800	2.2	52,400	30,500	1.8	56,300	54,300	2.0	108,700
Putnam	300	1.7	500	200	1.5	300	500	1.6	800
Rensselaer	9,400	2.1	19,800	11,600	1.5	17,300	21,000	1.8	37,100
Rockland	-	-	-	-	-	-	-	-	-
St. Lawrence	31,900	2.5	80,800	73,400	2.0	146,700	105,300	2.2	227,500
Saratoga	7,800	1.9	14,800	7,600	1.8	13,400	15,400	1.8	28,200
Schenectady	2,100	1.6	3,400	3,600	1.4	5,000	5,700	1.5	8,400
Schoharie	13,900	2.0	27,800	18,500	1.6	29,900	32,400	1.8	57,700
Schuyler	6,500	2.3	15,000	6,800	1.7	11,700	13,300	2.0	26,700
Seneca	8,400	2.9	24,400	7,200	1.8	13,100	15,600	2.4	37,500
Steuben	33,900	2.6	87,300	45,100	2.3	104,600	79,000	2.4	191,900
Suffolk	200	3.5	700	400	3.0	1,200	600	3.2	1,900
Sullivan	3,800	1.8	6,900	12,700	2.0	25,900	16,500	2.0	32,800
Tioga	8,400	2.4	19,900	15,600	2.0	31,100	24,000	2.1	51,000
Tompkins	8,400	2.7	22,800	7,200	2.0	14,600	15,600	2.4	37,400
Ulster	2,900	2.3	6,700	8,900	1.8	16,000	11,800	1.9	22,700
Warren	400	2.0	800	400	2.8	1,100	800	2.4	1,900
Washington	16,100	2.1	34,100	24,000	1.7	40,700	40,100	1.9	74,800
Wayne	9,300	2.9	27,000	7,100	1.9	13,500	16,400	2.5	40,500
Westchester	400	2.3	900	800	1.6	1,300	1,200	1.8	2,200
Wyoming	15,200	3.0	45,600	17,500	2.3	39,600	32,700	2.6	85,200
Yates	10,600	2.8	29,700	6,400	1.5	9,600	17,000	2.3	39,300
Other Counties	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>640,000</b>	<b>2.6</b>	<b>1,664,000</b>	<b>860,000</b>	<b>2.0</b>	<b>1,720,000</b>	<b>1,500,000</b>	<b>2.3</b>	<b>3,384,000</b>

1/ Dry hay only. Excludes silage and green chop.

Table 112. **CORN:** Acreage, Yield, and Production, by County, 1996

County	All		Grain			Silage		
	Planted	Harvested	Yield	Production	Harvested	Yield	Production	
								<i>Acres</i>
Albany	4,500	1,800	115	207,000	2,700	15.5	41,900	
Allegany	12,400	4,100	100	410,700	8,100	16.0	129,600	
Broome	7,600	2,200	102	224,200	5,300	16.4	86,900	
Cattaraugus	21,700	6,700	100	670,000	14,400	15.7	225,800	
Cayuga	73,000	63,400	111	7,045,100	9,500	16.3	154,900	
Chautauqua	23,700	7,000	99	693,000	16,600	15.4	256,300	
Chemung	4,800	2,600	106	276,000	2,100	15.2	32,000	
Chenango	17,000	5,800	111	643,800	11,100	16.1	178,700	
Clinton	22,500	8,300	99	824,700	14,200	14.1	200,100	
Columbia	19,400	8,900	112	996,800	10,400	14.9	155,000	
Cortland	16,800	5,400	103	556,200	11,300	15.8	178,400	
Delaware	13,800	2,500	109	272,500	11,200	13.9	155,600	
Dutchess	18,000	10,900	102	1,111,800	7,000	14.7	103,100	
Erie	24,800	12,300	110	1,352,900	12,200	15.1	184,300	
Essex	5,300	500	97	-	4,800	14.1	67,700	
Franklin	13,500	2,000	98	196,000	11,000	14.5	159,700	
Fulton	4,200	1,400	111	155,400	2,700	15.3	41,300	
Genesee	43,800	30,200	106	3,195,500	13,100	16.5	216,000	
Greene	3,500	1,500	106	158,300	1,900	14.2	27,000	
Hamilton	-	-	-	-	-	-	-	
Herkimer	18,400	6,900	111	767,200	11,400	15.5	176,600	
Jefferson	33,400	10,800	99	1,069,200	22,400	14.7	329,000	
Lewis	21,900	4,700	94	440,200	17,000	15.0	255,200	
Livingston	52,500	33,000	113	3,744,000	19,000	16.6	315,400	
Madison	31,300	14,800	103	1,524,400	16,400	15.8	259,900	
Monroe	26,000	19,900	109	2,169,200	4,700	15.5	72,800	
Montgomery	29,900	13,700	115	1,575,500	16,100	15.0	240,800	
Nassau	-	-	-	-	-	-	-	
Niagara	29,300	24,900	100	2,485,500	4,100	15.4	63,100	
Oneida	39,000	21,200	109	2,305,600	17,700	15.4	272,000	
Onondaga	37,200	27,200	107	2,912,900	9,900	16.6	164,300	
Ontario	49,700	40,400	103	4,180,700	8,800	16.3	143,400	
Orange	15,100	7,000	107	749,000	8,000	14.7	117,600	
Orleans	33,200	30,100	106	3,199,900	3,000	15.4	46,100	
Oswego	13,000	5,400	105	567,000	7,600	15.4	117,000	
Otsego	20,000	6,200	104	644,800	13,700	15.5	212,600	
Putnam	1/	1/	1/	1/	1/	1/	1/	
Rensselaer	17,100	11,300	110	1,243,000	5,700	15.7	89,400	
Rockland	-	-	-	-	-	-	-	
St. Lawrence	37,400	6,000	97	582,000	31,000	15.1	469,600	
Saratoga	13,100	5,600	111	621,600	7,500	16.0	120,000	
Schenectady	1,100	500	107	-	500	14.6	7,300	
Schoharie	12,000	5,900	107	631,300	6,000	14.9	89,400	
Schuyler	5,900	3,100	100	309,000	2,800	16.0	44,900	
Seneca	32,000	26,700	109	2,918,800	5,100	16.7	85,200	
Steuben	35,300	18,700	99	1,851,300	16,300	15.1	245,800	
Suffolk	2,500	1,800	130	234,000	500	15.2	7,600	
Sullivan	3,100	1,300	112	145,600	1,700	14.0	23,800	
Tioga	14,200	4,500	104	469,000	9,600	15.1	145,100	
Tompkins	24,900	18,800	108	2,033,300	6,000	16.3	97,800	
Ulster	7,000	4,500	106	477,000	2,400	14.0	33,600	
Warren	1/	1/	1/	1/	1/	1/	1/	
Washington	33,900	13,100	110	1,441,000	20,700	15.9	329,200	
Wayne	40,500	33,500	109	3,642,700	6,900	16.1	111,300	
Westchester	-	-	-	-	-	-	-	
Wyoming	48,600	14,900	111	1,654,800	33,200	16.6	551,200	
Yates	20,200	15,700	107	1,687,400	4,200	15.9	66,700	
Other Counties	1,000	400	103	41,200	500	14.0	7,000	
<b>TOTAL</b>	<b>1,150,000</b>	<b>630,000</b>	<b>107</b>	<b>67,410,002</b>	<b>510,002</b>	<b>15.5</b>	<b>7,905,002</b>	

1/ Included in Other Counties.

Table 113. **CORN:** Acreage, Yield, and Production, by County, 1997

County	All		Grain			Silage		
	Planted	Harvested	Yield	Production	Harvested	Yield	Production	
								<i>Acres</i>
Albany	4,600	1,700	102	173,400	2,900	13.0	37,700	
Allegany	12,600	4,200	120	504,000	8,300	15.7	130,000	
Broome	8,000	2,300	117	269,100	5,600	15.7	88,100	
Cattaraugus	23,100	7,100	118	837,200	15,900	15.7	248,900	
Cayuga	75,200	64,900	121	7,852,900	10,200	16.8	171,400	
Chautauqua	24,100	7,100	117	830,700	16,900	15.3	257,800	
Chemung	5,100	2,700	117	315,900	2,400	15.9	38,100	
Chenango	18,000	6,100	117	713,000	11,800	15.3	180,500	
Clinton	23,000	8,600	97	834,000	14,200	13.4	190,300	
Columbia	19,300	8,800	102	897,600	10,400	13.3	137,900	
Cortland	17,000	5,400	120	648,000	11,500	16.8	193,700	
Delaware	13,000	2,300	109	250,700	10,600	14.5	153,900	
Dutchess	17,500	10,500	101	1,060,500	6,900	13.2	91,100	
Erie	27,100	13,200	120	1,584,500	13,800	16.0	220,800	
Essex	5,300	500	96	48,000	4,800	13.0	62,500	
Franklin	14,300	2,200	92	203,000	12,000	13.3	159,600	
Fulton	4,300	1,300	106	137,800	3,000	14.2	42,500	
Genesee	47,900	32,600	120	3,921,400	15,200	16.0	242,500	
Greene	3,400	1,400	103	144,200	2,000	13.1	26,200	
Hamilton	-	-	-	-	-	-	-	
Herkimer	18,700	7,000	111	777,000	11,600	14.9	172,800	
Jefferson	36,500	11,000	100	1,100,000	25,300	13.9	351,700	
Lewis	24,000	4,900	93	454,000	18,900	13.7	259,200	
Livingston	57,500	35,600	118	4,202,800	21,700	16.2	350,600	
Madison	32,800	15,400	112	1,724,800	17,200	16.5	284,200	
Monroe	29,000	21,900	120	2,617,600	7,000	16.3	113,800	
Montgomery	30,100	13,300	106	1,409,200	16,600	14.0	231,600	
Nassau	-	-	-	-	-	-	-	
Niagara	33,500	28,100	122	3,428,500	5,400	15.9	86,000	
Oneida	39,200	21,200	122	2,586,400	17,900	14.8	265,000	
Onondaga	38,900	28,300	120	3,396,000	10,500	16.8	176,400	
Ontario	51,700	41,400	120	4,954,600	10,200	16.0	162,700	
Orange	14,500	6,700	101	676,700	7,700	13.0	99,800	
Orleans	35,300	31,500	126	3,969,000	3,800	16.2	61,500	
Oswego	13,200	5,400	119	642,600	7,700	16.1	124,200	
Otsego	20,400	6,300	111	699,300	14,000	14.8	207,700	
Putnam	1/	1/	1/	1/	1/	1/	1/	
Rensselaer	17,200	11,000	102	1,122,000	6,100	13.0	79,300	
Rockland	-	-	-	-	-	-	-	
St. Lawrence	40,500	6,200	92	568,000	34,000	14.0	476,000	
Saratoga	12,900	5,300	106	561,800	7,500	14.0	104,700	
Schenectady	1,100	400	100	40,000	700	13.0	9,100	
Schoharie	11,500	5,700	101	575,700	5,700	14.0	79,600	
Schuyler	6,300	3,200	116	371,200	3,100	15.8	48,900	
Seneca	33,300	27,400	121	3,325,400	5,800	16.2	94,000	
Steuben	37,500	19,600	118	2,312,100	17,700	15.8	278,800	
Suffolk	2,600	1,900	116	220,000	700	13.7	9,600	
Sullivan	2,900	1,200	104	124,600	1,700	13.5	22,900	
Tioga	15,400	4,700	117	549,900	10,600	15.7	165,900	
Tompkins	27,500	20,100	119	2,387,900	7,300	16.0	116,500	
Ulster	6,300	4,200	103	431,700	2,100	13.0	27,200	
Warren	1/	1/	1/	1/	1/	1/	1/	
Washington	32,400	12,100	101	1,222,100	20,200	13.6	274,400	
Wayne	42,100	34,300	117	4,028,800	7,700	16.3	125,500	
Westchester	-	-	-	-	-	-	-	
Wyoming	50,500	15,300	117	1,788,200	34,800	16.0	555,500	
Yates	21,000	16,100	116	1,867,200	4,900	16.3	79,900	
Other Counties	900	400	98	39,000	500	13.0	6,500	
<b>TOTAL</b>	<b>1,200,000</b>	<b>650,000</b>	<b>116</b>	<b>75,400,000</b>	<b>545,000</b>	<b>15.0</b>	<b>8,175,000</b>	

1/ Included in Other Counties.

Table 114. OATS: Acreage, Yield, and Production, by County, 1996-1997

County	Planted		Harvested		Yield		Production	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>Acres</i>		<i>Acres</i>		<i>Bushels</i>		<i>Bushels</i>	
Albany	300	400	200	400	60	68	12,000	27,000
Allegany	3,000	3,300	2,500	3,100	57	69	143,600	213,900
Broome	500	900	400	700	50	70	20,000	49,000
Cattaraugus	3,300	3,700	2,500	3,300	58	70	145,000	231,000
Cayuga	4,000	5,400	3,400	5,100	54	70	183,600	356,200
Chautauqua	2,300	3,000	1,700	2,700	56	69	95,200	186,300
Chemung	400	700	300	600	50	70	15,000	41,900
Chenango	2,200	2,700	1,700	2,400	54	71	91,900	170,400
Clinton	800	1,700	600	1,600	49	61	29,100	97,600
Columbia	1,300	1,600	900	1,500	59	65	53,100	97,500
Cortland	1,200	1,600	900	1,300	65	73	58,500	94,900
Delaware	600	700	400	700	57	66	22,800	46,200
Dutchess	900	1,000	700	900	54	63	37,800	56,700
Erie	2,400	3,200	2,200	2,800	60	70	132,000	196,000
Essex	300	400	200	300	50	63	10,000	18,900
Franklin	800	1,500	600	1,400	50	65	30,000	91,400
Fulton	300	400	200	400	57	66	11,400	26,300
Genesee	1,400	2,300	1,200	2,100	52	72	62,400	151,200
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Hamilton	-	-	-	-	-	-	-	-
Herkimer	1,600	2,200	1,400	2,100	63	70	88,200	147,000
Jefferson	3,200	4,200	2,400	3,900	51	63	122,400	244,200
Lewis	1,700	2,400	1,200	2,200	50	64	60,100	140,800
Livingston	2,700	3,800	2,500	3,500	59	78	147,400	273,100
Madison	3,200	3,700	2,800	3,300	64	74	179,200	244,200
Monroe	1,500	2,700	1,300	2,500	54	70	70,200	174,300
Montgomery	2,300	2,600	1,500	2,400	55	67	82,500	160,000
Nassau	-	-	-	-	-	-	-	-
Niagara	2,600	4,200	2,300	3,900	61	77	140,300	300,300
Oneida	4,000	4,800	3,600	4,700	64	73	230,400	343,100
Onondaga	4,500	5,000	4,300	4,500	62	75	266,600	337,500
Ontario	2,700	3,400	2,500	3,100	56	70	140,000	216,500
Orange	600	900	400	800	52	65	20,800	52,200
Orleans	1,300	2,500	1,100	2,300	54	77	59,400	177,100
Oswego	700	1,100	500	1,000	53	70	26,500	70,000
Otsego	1,700	2,300	1,500	2,000	60	69	90,000	137,600
Putnam	-	-	-	-	-	-	-	-
Rensselaer	800	1,000	600	900	52	67	31,200	60,000
Rockland	-	-	-	-	-	-	-	-
St. Lawrence	2,300	3,200	1,600	2,900	49	60	78,900	174,700
Saratoga	900	1,200	700	1,100	60	67	42,000	73,400
Schenectady	1/	1/	1/	1/	1/	1/	1/	1/
Schoharie	700	900	400	800	63	67	25,200	53,400
Schuyler	1,000	1,900	900	1,800	51	69	45,900	124,200
Seneca	2,600	3,400	2,400	3,200	54	76	129,600	243,200
Steuben	9,600	10,000	8,400	9,200	58	70	487,200	640,800
Suffolk	500	600	300	600	57	68	17,100	40,800
Sullivan	1/	1/	1/	1/	1/	1/	1/	1/
Tioga	1,300	1,900	1,100	1,800	55	71	60,500	127,900
Tompkins	1,600	3,000	1,500	2,800	50	70	74,500	196,000
Ulster	1/	300	1/	300	1/	69	1/	20,700
Warren	-	-	-	-	-	-	-	-
Washington	900	1,200	700	1,100	56	67	39,200	73,400
Wayne	1,400	2,900	1,200	2,700	54	72	64,800	194,400
Westchester	-	-	-	-	-	-	-	-
Wyoming	3,400	4,300	3,100	3,900	60	70	186,000	273,000
Yates	2,000	3,000	1,800	2,700	52	70	93,600	188,000
Other Counties	700	900	400	700	55	65	21,900	45,800
<b>TOTAL</b>	<b>90,000</b>	<b>120,000</b>	<b>75,000</b>	<b>110,000</b>	<b>57</b>	<b>70</b>	<b>4,275,000</b>	<b>7,700,000</b>

1/ Included in Other Counties.



Table 115. **WHEAT:** Acreage, Yield, and Production, by County, 1996-1997

County	Planted		Harvested		Yield		Production	
	1996	1997	1996	1997	1996	1997	1996	1997
	<i>Acres</i>		<i>Acres</i>		<i>Bushels</i>		<i>Bushels</i>	
Albany	1/	1/	1/	1/	1/	1/	1/	1/
Allegany	1/	1/	1/	1/	1/	1/	1/	1/
Broome	-	-	-	-	-	-	-	-
Cattaraugus	1/	1/	1/	1/	1/	1/	1/	1/
Cayuga	10,400	9,200	9,700	9,000	46	54	441,600	489,000
Chautauqua	1/	1/	1/	1/	1/	1/	1/	1/
Chemung	1/	1/	1/	1/	1/	1/	1/	1/
Chenango	1/	1/	1/	1/	1/	1/	1/	1/
Clinton	-	-	-	-	-	-	-	-
Columbia	1,600	1,400	1,500	1,200	43	48	64,500	57,800
Cortland	1/	1/	1/	1/	1/	1/	1/	1/
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1/	1/	1/	1/	1/	1/	1/	1/
Erie	2,700	2,400	2,500	2,200	44	55	110,000	121,000
Essex	1/	1/	1/	1/	1/	1/	1/	1/
Franklin	1/	1/	1/	1/	1/	1/	1/	1/
Fulton	-	-	-	-	-	-	-	-
Genesee	17,600	15,400	16,500	15,200	43	61	709,500	927,100
Greene	-	-	-	-	-	-	-	-
Hamilton	-	-	-	-	-	-	-	-
Herkimer	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	1,000	900	1,000	900	40	57	40,000	51,100
Lewis	1/	1/	1/	1/	1/	1/	1/	1/
Livingston	17,400	15,400	16,500	15,400	44	58	726,000	892,400
Madison	600	500	500	500	45	53	22,500	26,300
Monroe	14,800	12,900	13,900	11,700	44	57	611,600	664,200
Montgomery	400	300	400	300	38	54	15,200	16,100
Nassau	-	-	-	-	-	-	-	-
Niagara	12,200	10,500	11,600	10,100	40	50	463,100	507,000
Oneida	1,800	1,600	1,700	1,600	48	59	81,600	94,400
Onondaga	4,400	3,800	4,000	3,800	48	58	192,000	220,400
Ontario	16,400	14,300	15,400	13,600	43	58	662,200	788,600
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	13,700	12,000	13,000	12,000	40	53	514,800	639,400
Oswego	300	300	300	200	42	53	12,600	10,600
Otsego	1/	1/	1/	1/	1/	1/	1/	1/
Putnam	-	-	-	-	-	-	-	-
Rensselaer	400	300	400	200	38	54	15,200	10,700
Rockland	-	-	-	-	-	-	-	-
St. Lawrence	500	500	400	500	46	54	18,400	27,000
Saratoga	300	200	300	200	41	54	12,300	10,700
Schenectady	-	-	-	-	-	-	-	-
Schoharie	-	-	-	-	-	-	-	-
Schuyler	900	700	900	600	39	54	34,700	32,200
Seneca	11,300	10,200	10,500	9,300	44	62	462,000	576,600
Steuben	3,900	3,600	3,700	3,500	44	48	162,800	167,500
Suffolk	700	500	700	500	41	57	28,600	28,400
Sullivan	-	-	-	-	-	-	-	-
Tioga	1/	1/	1/	1/	1/	1/	1/	1/
Tompkins	3,400	3,100	3,200	3,000	40	57	127,000	171,000
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	400	300	400	300	40	54	16,000	16,100
Wayne	7,700	6,700	7,000	6,700	44	56	308,000	374,700
Westchester	-	-	-	-	-	-	-	-
Wyoming	5,000	4,400	4,800	4,400	44	51	211,200	222,600
Yates	5,800	5,300	5,300	4,900	42	51	222,600	252,000
Other Counties	4,400	3,300	3,900	3,200	42	52	164,000	165,100
<b>TOTAL</b>	<b>160,017</b>	<b>140,000</b>	<b>150,017</b>	<b>135,000</b>	<b>43</b>	<b>56</b>	<b>6,450,017</b>	<b>7,560,000</b>

1/ Included in Other Counties.

Table 116. **CATTLE:** Number on Farms, by County, January 1, 1997 and 1998

County	All cattle and calves		Milk cows		Beef cows	
	1997	1998	1997	1998	1997	1998
	<i>Number</i>					
Albany	9,000	9,000	1,700	1,600	1,600	1,000
Allegany	27,000	26,000	10,000	9,500	2,600	2,800
Broome	20,000	19,000	7,500	7,000	1,600	1,600
Cattaraugus	45,000	46,000	20,500	21,500	2,300	2,400
Cayuga	54,000	52,000	28,000	27,000	2,200	1,800
Chautauqua	55,000	54,000	23,500	24,000	2,900	3,000
Chemung	10,000	9,000	3,000	2,500	700	700
Chenango	47,000	48,000	21,000	22,000	1,700	1,400
Clinton	40,500	38,000	21,000	20,000	700	700
Columbia	25,000	24,000	11,500	10,500	1,700	1,500
Cortland	37,000	36,000	16,500	16,000	1,400	1,700
Delaware	35,000	34,000	17,500	17,000	2,000	1,800
Dutchess	12,000	11,000	3,500	3,000	2,000	1,700
Erie	36,000	37,000	16,000	17,000	1,600	1,500
Essex	8,000	8,000	2,400	2,600	600	500
Franklin	36,000	37,000	17,500	18,000	700	600
Fulton	7,500	7,000	3,000	2,500	400	400
Genesee	43,000	44,000	20,000	22,000	1,100	900
Greene	4,600	5,000	1,000	1,500	1,000	1,000
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	38,000	38,000	19,000	18,500	1,300	1,200
Jefferson	67,000	69,000	32,000	33,500	2,300	2,200
Lewis	53,000	53,000	29,000	28,500	700	600
Livingston	42,000	44,000	19,000	20,000	1,600	1,600
Madison	53,000	48,000	25,500	23,500	800	800
Monroe	11,000	11,000	3,000	3,000	600	600
Montgomery	38,000	37,000	19,500	19,000	2,100	1,700
Nassau	1/	1/	1/	1/	1/	1/
Niagara	18,000	18,000	7,500	7,500	1,200	1,100
Oneida	51,000	49,000	24,500	23,500	1,500	1,300
Onondaga	34,000	34,000	17,500	17,500	1,200	1,200
Ontario	33,000	36,000	13,000	14,500	2,000	2,200
Orange	17,000	18,000	9,500	10,000	900	800
Orleans	13,000	12,000	4,000	3,500	800	700
Oswego	17,000	16,000	6,000	5,500	1,800	1,400
Otsego	47,000	45,000	23,000	21,500	2,500	2,300
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	16,000	15,500	9,000	8,500	1,600	1,400
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	82,000	82,000	37,000	37,500	3,500	3,100
Saratoga	14,000	12,000	7,000	6,000	900	800
Schenectady	1,400	1,500	600	700	300	200
Schoharie	22,000	20,000	9,000	8,000	1,700	1,500
Schuyler	8,000	9,000	3,500	4,000	1,400	1,400
Seneca	16,000	16,000	6,000	6,500	1,000	1,400
Steuben	54,000	54,000	20,000	20,500	4,200	3,800
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	10,000	9,000	4,000	3,500	800	900
Tioga	26,000	26,000	10,500	10,500	1,700	1,800
Tompkins	18,000	18,000	9,000	9,500	1,100	1,000
Ulster	6,000	6,000	1,000	700	1,100	1,100
Warren	1/	1/	1/	1/	1/	1/
Washington	54,000	54,000	24,500	24,000	1,600	1,500
Wayne	22,000	21,000	8,000	7,500	1,200	900
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	87,000	94,000	45,000	48,500	1,100	1,000
Yates	19,000	19,000	8,500	9,000	1,100	900
Other Counties	1,000	1,000	300	400	600	600
<b>TOTAL</b>	<b>1,540,000</b>	<b>1,530,000</b>	<b>700,000</b>	<b>700,000</b>	<b>75,000</b>	<b>7,000</b>

1/ Included in Other Counties.

Table 117. MILK: Cows and Production by County, 1996 and 1997

County	Annual average milk cows		Average production per cow		Total milk production	
	1996	1997	1996	1997	1996	1997
	<i>Number</i>		<i>Pounds</i>		<i>1,000 pounds</i>	
Albany	1,600	1,700	15,700	15,900	25,100	27,000
Allegany	10,000	9,500	17,100	17,100	171,000	162,500
Broome	7,500	7,000	16,200	16,100	121,500	112,700
Cattaraugus	21,500	21,500	16,600	16,500	356,900	354,800
Cayuga	27,000	27,500	17,200	17,400	464,400	478,500
Chautauqua	23,500	24,000	16,400	16,600	385,400	398,400
Chemung	3,000	2,800	16,000	16,300	48,000	45,600
Chenango	21,500	21,500	16,000	16,000	344,000	344,000
Clinton	20,500	21,000	15,400	15,500	315,700	325,500
Columbia	11,000	10,500	15,800	15,900	173,800	167,000
Cortland	16,500	16,000	16,300	16,400	269,000	262,400
Delaware	17,500	17,000	15,600	15,700	273,000	266,900
Dutchess	3,700	3,500	15,600	15,700	57,700	55,000
Erie	15,500	16,000	16,800	16,600	260,400	265,600
Essex	2,700	2,500	15,200	15,100	41,000	37,800
Franklin	18,000	18,000	15,400	15,500	277,200	279,000
Fulton	2,800	2,800	15,700	15,700	44,000	44,000
Genesee	19,500	20,500	17,700	17,700	345,200	362,900
Greene	1,300	1,300	15,400	15,700	20,000	20,400
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	19,000	18,500	16,000	16,100	304,000	297,900
Jefferson	32,000	33,000	15,700	15,800	502,400	521,400
Lewis	29,000	28,500	15,800	16,000	458,200	456,000
Livingston	19,000	20,000	18,000	18,100	342,000	362,000
Madison	26,000	24,500	16,000	16,000	416,000	392,000
Monroe	3,200	3,000	17,000	17,200	54,400	51,600
Montgomery	19,000	19,000	16,100	16,200	305,900	307,800
Nassau	1/	1/	1/	1/	1/	1/
Niagara	7,500	7,500	17,000	17,000	127,500	127,500
Oneida	25,000	24,000	16,000	16,300	400,000	391,200
Onondaga	17,500	17,500	16,700	16,800	292,300	294,000
Ontario	13,500	14,500	17,800	17,700	240,300	256,700
Orange	9,500	9,500	16,100	16,200	153,000	153,900
Orleans	3,500	3,400	17,100	17,000	59,800	57,800
Oswego	5,500	5,500	16,000	16,000	88,000	88,000
Otsego	22,000	21,500	16,000	16,100	352,000	346,200
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	9,000	8,500	15,700	16,000	141,300	136,000
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	38,000	37,000	15,400	15,600	585,200	577,200
Saratoga	6,000	6,200	15,900	16,100	95,400	99,800
Schenectady	600	600	15,700	15,900	9,400	9,500
Schoharie	8,500	8,000	16,000	16,300	136,000	130,400
Schuyler	3,700	3,800	16,500	16,600	61,000	63,100
Seneca	6,000	6,300	17,500	17,500	105,000	110,300
Steuben	21,000	20,500	16,800	17,100	352,800	350,600
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	4,000	4,000	15,500	15,700	62,000	62,800
Tioga	11,000	10,500	16,000	16,000	176,000	168,000
Tompkins	10,000	9,500	16,200	16,400	162,000	155,800
Ulster	700	700	15,400	15,600	10,800	10,900
Warren	1/	1/	1/	1/	1/	1/
Washington	25,000	24,000	15,800	16,100	395,000	386,400
Wayne	7,800	7,700	17,200	17,000	134,200	130,900
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	46,000	48,000	18,200	18,300	837,200	878,400
Yates	8,600	8,900	17,800	17,800	153,100	158,400
Other Counties	300	300	15,000	15,000	4,500	4,500
<b>TOTAL</b>	<b>702,000</b>	<b>699,000</b>	<b>16,396</b>	<b>16,519</b>	<b>11,510,000</b>	<b>11,547,000</b>

1/ Included in Other Counties.

Table 118. **HOGS AND SHEEP: Number on Farms, by County, 1997 and 1998**

County	Hogs - December 1		Sheep - January 1	
	1996	1997	1997	1998
	<i>Number</i>			
Albany	1/	1/	1,200	1,400
Allegany	4,000	3,700	1,800	2,100
Broome	500	1/	600	800
Cattaraugus	800	900	900	1,000
Cayuga	3,500	3,300	1,600	1,500
Chautauqua	1,300	1,100	600	600
Chemung	1,000	900	600	600
Chenango	500	500	1,300	1,400
Clinton	1/	1/	1/	1/
Columbia	900	800	1,200	1,300
Cortland	1,300	1,100	2,100	2,200
Delaware	600	500	800	1,000
Dutchess	1/	1/	2,200	2,500
Erie	2,800	2,600	1,400	1,400
Essex	1/	1/	1/	1/
Franklin	1/	1/	600	700
Fulton	1/	1/	1/	500
Genesee	7,700	7,900	2,200	2,400
Greene	1/	1/	500	500
Hamilton	1/	1/	1/	1/
Herkimer	500	700	600	600
Jefferson	1/	1/	800	900
Lewis	1/	1/	1/	1/
Livingston	1,400	1,100	2,500	2,900
Madison	500	500	1,000	1,100
Monroe	500	500	800	900
Montgomery	500	600	1,200	1,400
Nassau	1/	1/	1/	1/
Niagara	2,700	2,200	1,000	1,100
Oneida	500	1/	1,000	1,100
Onondaga	1/	1/	1,100	1,200
Ontario	3,900	3,600	2,100	2,100
Orange	600	700	900	1,000
Orleans	4,100	3,500	800	800
Oswego	800	700	600	600
Otsego	600	500	2,100	2,200
Putnam	1/	1/	1/	1/
Rensselaer	900	900	1,600	1,700
Rockland	1/	1/	1/	1/
St. Lawrence	1,300	1,100	1,700	1,900
Saratoga	1/	1/	600	600
Schenectady	1/	1/	1/	1/
Schoharie	1/	1/	1,100	1,200
Schuyler	1,100	1,000	1,900	2,100
Seneca	5,100	5,000	600	500
Steuben	3,400	3,600	1,700	1,800
Suffolk	1/	1/	1/	1/
Sullivan	1/	1/	1,000	900
Tioga	1/	1/	700	700
Tompkins	900	700	2,100	2,400
Ulster	2,300	2,400	600	600
Warren	1/	1/	1/	1/
Washington	1/	1/	1,800	2,000
Wayne	5,500	5,900	1,000	900
Westchester	1/	1/	1/	1/
Wyoming	1,300	1,000	2,400	2,700
Yates	2,300	2,100	2,400	2,700
Other Counties	4,400	5,400	2,700	2,500
<b>TOTAL</b>	<b>70,000</b>	<b>67,000</b>	<b>60,000</b>	<b>65,000</b>

1/ Included in Other Counties.

Table 119. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1994-1996

County	All Products			All Livestock			All Crops		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
	<i>1,000 dollars</i>								
Albany	16,866	16,765	16,406	7,501	7,258	7,256	9,365	9,507	9,150
Allegany	32,504	32,872	34,875	29,271	29,493	31,491	3,233	3,379	3,384
Broome	25,775	24,908	26,150	22,089	21,152	22,519	3,686	3,756	3,631
Cattaraugus	61,861	63,028	69,217	51,700	52,617	58,895	10,161	10,411	10,322
Cayuga	109,700	111,606	120,532	70,620	71,186	81,530	39,080	40,420	39,002
Chautauqua	93,300	91,937	98,053	61,834	58,784	64,193	31,466	33,153	33,860
Chemung	13,148	12,366	12,968	9,303	8,478	9,229	3,845	3,888	3,739
Chenango	58,298	54,645	60,960	54,347	50,495	56,817	3,951	4,150	4,143
Clinton	58,528	61,934	68,888	44,565	46,933	52,943	13,963	15,001	15,945
Columbia	57,424	58,608	62,087	40,186	40,214	42,802	17,238	18,394	19,285
Cortland	46,211	43,502	47,204	43,273	40,415	44,106	2,938	3,087	3,098
Delaware	50,833	47,806	51,377	45,224	42,129	45,904	5,609	5,677	5,473
Dutchess	35,130	34,534	34,418	17,005	16,032	16,704	18,125	18,502	17,714
Erie	81,147	79,540	82,526	47,789	46,122	51,111	33,358	33,418	31,415
Essex	8,967	9,988	10,655	5,753	6,599	7,206	3,214	3,389	3,449
Franklin	52,833	51,860	55,543	41,141	40,179	45,280	11,692	11,681	10,263
Fulton	9,367	8,984	9,377	7,954	7,496	7,861	1,413	1,488	1,516
Genesee	83,947	86,187	89,072	47,807	50,050	57,289	36,140	36,137	31,783
Greene	9,279	8,515	8,682	5,721	4,795	4,911	3,558	3,720	3,771
Herkimer	52,777	50,209	53,758	48,465	45,707	49,255	4,312	4,502	4,503
Jefferson	81,505	80,990	89,547	75,661	74,805	83,215	5,844	6,185	6,332
Lewis	66,833	66,402	75,173	64,747	64,197	72,935	2,086	2,205	2,238
Livingston	72,143	74,442	82,273	47,645	48,931	57,284	24,498	25,511	24,989
Madison	70,712	68,133	74,435	62,957	60,289	67,286	7,755	7,844	7,149
Monroe	48,064	48,095	46,339	10,478	9,950	10,848	37,586	38,145	35,491
Montgomery	51,496	51,509	56,401	44,925	44,620	49,523	6,571	6,889	6,878
Nassau	2,469	2,417	2,212	244	226	223	2,225	2,191	1,989
Niagara	55,582	57,308	59,459	21,484	21,780	24,109	34,098	35,528	35,350
Oneida	82,968	80,234	85,383	64,178	60,982	66,645	18,790	19,252	18,738
Onondaga	68,469	67,745	72,544	50,678	49,242	54,319	17,791	18,503	18,225
Ontario	70,098	71,964	74,373	38,092	38,990	42,853	32,006	32,974	31,520
Orange	90,346	87,943	81,262	28,994	27,363	28,845	61,352	60,580	52,417
Orleans	62,064	62,654	59,807	11,501	11,065	11,653	50,563	51,589	48,154
Oswego	35,915	34,764	32,526	16,114	15,213	15,839	19,801	19,551	16,687
Otsego	62,529	60,488	64,266	57,457	55,237	59,052	5,072	5,251	5,214
Rensselaer	29,782	31,198	33,472	19,636	20,892	23,551	10,146	10,306	9,921
St. Lawrence	94,356	93,231	103,058	87,754	86,307	96,083	6,602	6,924	6,975
Saratoga	24,994	25,158	27,150	16,847	16,620	18,416	8,147	8,538	8,734
Schenectady	15,186	15,756	16,389	2,044	1,780	2,113	13,142	13,976	14,276
Schoharie	28,614	27,621	28,862	22,367	21,184	22,655	6,247	6,437	6,207
Schuyler	13,768	13,598	15,294	10,382	9,976	11,489	3,386	3,622	3,805
Seneca	34,920	35,866	39,001	17,773	17,671	20,470	17,147	18,195	18,531
Steuben	90,229	88,080	92,837	63,749	60,230	65,036	26,480	27,850	27,801
Suffolk	159,249	157,774	149,568	14,368	13,347	13,177	144,881	144,427	136,391
Sullivan	19,724	18,825	19,377	17,556	16,615	17,216	2,168	2,210	2,161
Tioga	31,867	30,917	33,904	27,877	26,883	30,104	3,990	4,034	3,800
Tompkins	53,058	51,809	56,382	46,837	45,223	49,635	6,221	6,586	6,747
Ulster	53,102	53,644	54,021	16,315	14,915	14,539	36,787	38,729	39,482
Warren	1,421	1,403	1,316	1/	1/	1/	1,421	1,403	1,316
Washington	78,920	77,135	82,959	62,924	60,764	66,987	15,996	16,371	15,972
Wayne	99,675	102,061	105,844	34,526	33,408	35,610	65,149	68,653	70,234
Westchester	8,401	8,296	7,889	620	576	568	7,781	7,720	7,321
Wyoming	121,839	128,651	148,642	106,925	113,009	133,131	14,914	15,642	15,511
Yates	37,268	39,257	43,200	21,442	22,554	26,266	15,826	16,703	16,934
Other Counties <u>2/</u>	3,333	3,205	3,318	1,698	1,460	1,520	1,635	1,745	1,798
<b>TOTAL</b>	<b>2,878,794</b>	<b>2,868,367</b>	<b>3,031,231</b>	<b>1,888,343</b>	<b>1,852,438</b>	<b>2,050,497</b>	<b>990,451</b>	<b>1,015,929</b>	<b>980,734</b>

1/Included in Other Counties.

2/Other Counties - Bronx, Hamilton, Kings, New York, Putnam, Queens, Richmond, and Rockland.

Table 119. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1994-1996 (Continued)

County	Dairy			Other Livestock and Poultry		
	1994	1995	1996	1994	1995	1996
	<i>1,000 dollars</i>					
Albany	3,608	3,642	3,686	3,893	3,616	3,570
Allegany	22,317	23,034	25,114	6,954	6,459	6,377
Broome	16,991	16,416	17,844	5,098	4,736	4,675
Cattaraugus	44,635	46,054	52,416	7,065	6,563	6,479
Cayuga	56,089	57,687	68,204	14,531	13,499	13,326
Chautauqua	53,557	51,095	56,602	8,277	7,689	7,591
Chemung	6,927	6,271	7,050	2,376	2,207	2,179
Chenango	47,482	44,118	50,522	6,865	6,377	6,295
Clinton	37,393	40,270	46,365	7,172	6,663	6,578
Columbia	21,347	22,713	25,525	18,839	17,501	17,277
Cortland	38,258	35,756	39,507	5,015	4,659	4,599
Delaware	38,888	36,243	40,094	6,336	5,886	5,810
Dutchess	8,030	7,695	8,474	8,975	8,337	8,230
Erie	33,758	33,088	38,244	14,031	13,034	12,867
Essex	4,461	5,399	6,021	1,292	1,200	1,185
Franklin	36,159	35,551	40,711	4,982	4,628	4,569
Fulton	6,429	6,079	6,462	1,525	1,417	1,399
Genesee	40,620	43,374	50,698	7,187	6,676	6,591
Greene	3,569	2,796	2,937	2,152	1,999	1,974
Herkimer	43,441	41,040	44,647	5,024	4,667	4,608
Jefferson	65,378	65,253	73,785	10,283	9,552	9,430
Lewis	58,595	58,482	67,294	6,152	5,715	5,641
Livingston	39,951	41,784	50,228	7,694	7,147	7,056
Madison	56,207	54,019	61,096	6,750	6,270	6,190
Monroe	7,360	7,054	7,989	3,118	2,896	2,859
Montgomery	39,912	39,963	44,926	5,013	4,657	4,597
Nassau	-	-	-	244	226	223
Niagara	15,613	16,326	18,725	5,871	5,454	5,384
Oneida	55,564	52,980	58,746	8,614	8,002	7,899
Onondaga	38,258	37,705	42,929	12,420	11,537	11,390
Ontario	29,848	31,331	35,292	8,244	7,659	7,561
Orange	22,042	20,905	22,470	6,952	6,458	6,375
Orleans	8,371	8,157	8,783	3,130	2,908	2,870
Oswego	12,936	12,261	12,924	3,178	2,952	2,915
Otsego	49,437	47,786	51,697	8,020	7,451	7,355
Rensselaer	16,584	18,057	20,752	3,052	2,835	2,799
St. Lawrence	76,701	76,039	85,946	11,053	10,268	10,137
Saratoga	12,044	12,158	14,011	4,803	4,462	4,405
Schenectady	1,246	1,039	1,381	798	741	732
Schoharie	19,444	18,468	19,974	2,923	2,716	2,681
Schuyler	7,623	7,413	8,959	2,759	2,563	2,530
Seneca	12,267	12,556	15,421	5,506	5,115	5,049
Steuben	49,332	46,837	51,814	14,417	13,393	13,222
Suffolk	-	-	-	14,368	13,347	13,177
Sullivan	8,712	8,400	9,106	8,844	8,215	8,110
Tioga	23,236	22,572	25,848	4,641	4,311	4,256
Tompkins	18,657	19,045	23,792	28,180	26,178	25,843
Ulster	2,191	1,795	1,586	14,124	13,120	12,953
Warren	1/	1/	1/	1/	1/	1/
Washington	53,137	51,672	58,012	9,787	9,092	8,975
Wayne	17,187	17,301	19,709	17,339	16,107	15,901
Westchester	-	-	-	620	576	568
Wyoming	95,830	102,702	122,956	11,095	10,307	10,175
Yates	17,319	18,724	22,485	4,123	3,830	3,781
Other Counties 2/	761	590	661	937	870	859
<b>TOTAL</b>	<b>1,495,702</b>	<b>1,487,695</b>	<b>1,690,420</b>	<b>392,641</b>	<b>364,743</b>	<b>360,077</b>

1/ Included in Other Counties

2/ Other Counties - Bronx, Hamilton, Kings, New York, Putnam, Queens, Richmond, and Rockland.

Table 119. **CASH RECEIPTS:** New York Cash Receipts from Farm Marketings, by County, 1994-1996 (Continued)

County	Vegetables <sup>3/</sup>			Fruit <sup>3/</sup>		
	1994	1995	1996	1994	1995	1996
	<i>1,000 dollars</i>					
Albany	1,220	1,179	934	1/	1/	1/
Allegany	200	193	153	1/	1/	1/
Broome	596	576	457	418	452	488
Cattaraugus	1/	1/	1/	729	789	852
Cayuga	10,451	10,100	8,003	1/	1/	1/
Chautauqua	5,220	5,045	3,997	20,648	22,346	24,140
Chemung	420	406	321	91	99	107
Chenango	566	547	433	197	213	230
Clinton	1/	1/	1/	9,994	10,815	11,684
Columbia	1/	1/	1/	8,628	9,338	10,088
Cortland	270	261	206	54	58	63
Delaware	552	533	423	50	54	58
Dutchess	5,214	5,039	3,993	4,223	4,570	4,937
Erie	7,079	6,842	5,421	1,980	2,143	2,315
Essex	334	322	255	1,009	1,092	1,180
Franklin	7,553	7,300	5,784	52	56	61
Fulton	1/	1/	1/	129	140	151
Genesee	23,434	22,648	17,945	339	367	397
Greene	1/	1/	1/	418	452	488
Herkimer	288	278	220	1/	1/	1/
Jefferson	1/	1/	1/	253	273	295
Lewis	83	81	64	1/	1/	1/
Livingston	5,093	4,923	3,900	93	101	109
Madison	3,866	3,737	2,961	1/	1/	1/
Monroe	15,533	15,012	11,895	4,219	4,566	4,932
Montgomery	753	728	577	76	82	88
Nassau	653	631	500	1/	1/	1/
Niagara	6,851	6,622	5,247	12,637	13,676	14,774
Oneida	2,458	2,376	1,883	496	537	580
Onondaga	4,109	3,972	3,147	4,635	5,017	5,419
Ontario	10,424	10,075	7,983	2,122	2,297	2,481
Orange	41,399	40,011	31,703	6,257	6,772	7,316
Orleans	24,163	23,353	18,504	12,828	13,883	14,998
Oswego	14,870	14,371	11,387	1,137	1,230	1,329
Otsego	246	238	188	1/	1/	1/
Rensselaer	1,490	1,440	1,141	463	502	542
St. Lawrence	349	337	267	163	176	191
Saratoga	1/	1/	1/	2,438	2,638	2,850
Schenectady	546	528	418	49	53	57
Schoharie	1,502	1,452	1,150	1/	1/	1/
Schuyler	1/	1/	1/	1,711	1,851	2,000
Seneca	1,318	1,273	1,009	1,612	1,745	1,885
Steuben	4,564	4,411	3,495	2,887	3,124	3,375
Suffolk	18,510	17,889	14,175	3,375	3,653	3,946
Sullivan	103	99	79	1/	1/	1/
Tioga	1,119	1,081	857	257	278	300
Tompkins	1/	1/	1/	464	503	543
Ulster	6,833	6,604	5,233	25,377	27,463	29,668
Warren	138	133	105	1/	1/	1/
Washington	1,698	1,641	1,301	575	622	672
Wayne	7,389	7,141	5,659	34,022	36,819	39,776
Westchester	397	384	304	1/	1/	1/
Wyoming	2,616	2,528	2,003	285	309	334
Yates	2,893	2,796	2,216	7,353	7,958	8,597
Other Counties <sup>2/</sup>	1/	1/	1/	1/	1/	1/
<b>TOTAL</b>	251,347	242,920	192,479	178,266	192,924	208,414

<sup>1/</sup> Included in Field and Other Crops.

<sup>2/</sup> Other Counties - Bronx, Hamilton, Kings, New York, Putnam, Queens, Richmond, and Rockland.

<sup>3/</sup> State Total will not equal sum of county values because unpublished county values are included in Field and Other Crops county values.

Table 119. **CASH RECEIPTS:** Cash Receipts from Farm Marketings, by County, New York, 1994-1996 (Continued)

County	Greenhouse and Nursery <u>3/</u>			Field and Other Crops <u>4/</u>		
	1994	1995	1996	1994	1995	1996
	<i>1,000 dollars</i>					
Albany	4,641	4,587	4,362	3,504	3,741	3,854
Allegany	660	653	621	2,373	2,533	2,610
Broome	1,582	1,564	1,487	1,090	1,164	1,199
Cattaraugus	5,648	5,582	5,308	3,784	4,040	4,162
Cayuga	3,067	3,032	2,883	25,562	27,288	28,116
Chautauqua	2,715	2,684	2,552	2,883	3,078	3,171
Chemung	2,225	2,199	2,091	1,109	1,184	1,220
Chenango	164	162	154	3,024	3,228	3,326
Clinton	654	647	615	3,315	3,539	3,646
Columbia	1,707	1,687	1,604	6,903	7,369	7,593
Cortland	294	291	277	2,320	2,477	2,552
Delaware	3,215	3,177	3,021	1,792	1,913	1,971
Dutchess	4,822	4,766	4,532	3,866	4,127	4,252
Erie	19,038	18,816	17,892	5,261	5,617	5,787
Essex	277	273	260	1,594	1,702	1,754
Franklin	483	477	454	3,604	3,848	3,964
Fulton	299	296	281	985	1,052	1,084
Genesee	1,003	991	942	11,364	12,131	12,499
Greene	1,071	1,059	1,007	2,069	2,209	2,276
Herkimer	896	885	842	3,128	3,339	3,441
Jefferson	702	693	659	4,889	5,219	5,378
Lewis	177	175	166	1,826	1,949	2,008
Livingston	1,637	1,618	1,539	17,675	18,869	19,441
Madison	557	550	523	3,332	3,557	3,665
Monroe	5,947	5,877	5,589	11,887	12,690	13,075
Montgomery	637	629	598	5,105	5,450	5,615
Nassau	1,497	1,480	1,407	75	80	82
Niagara	4,629	4,575	4,351	9,981	10,655	10,978
Oneida	7,137	7,053	6,707	8,699	9,286	9,568
Onondaga	1,830	1,809	1,720	7,217	7,705	7,939
Ontario	2,173	2,148	2,042	17,287	18,454	19,014
Orange	10,413	10,292	9,787	3,283	3,505	3,611
Orleans	1,719	1,699	1,615	11,853	12,654	13,037
Oswego	1,263	1,248	1,187	2,531	2,702	2,784
Otsego	1,764	1,744	1,658	3,062	3,269	3,368
Rensselaer	4,830	4,773	4,539	3,363	3,591	3,699
St. Lawrence	1,139	1,126	1,071	4,951	5,285	5,446
Saratoga	2,469	2,441	2,321	3,240	3,459	3,563
Schenectady	<u>1/</u>	<u>1/</u>	<u>1/</u>	12,547	13,395	13,801
Schoharie	1,012	1,000	951	3,733	3,985	4,106
Schuyler	235	233	221	1,440	1,538	1,584
Seneca	<u>1/</u>	<u>1/</u>	<u>1/</u>	14,217	15,177	15,637
Steuben	<u>1/</u>	<u>1/</u>	<u>1/</u>	19,029	20,315	20,931
Suffolk	106,296	105,057	99,901	16,700	17,828	18,369
Sullivan	1,184	1,170	1,113	881	941	969
Tioga	1,458	1,441	1,371	1,156	1,234	1,272
Tompkins	798	789	750	4,959	5,294	5,454
Ulster	2,834	2,801	2,664	1,743	1,861	1,917
Warren	1,250	1,235	1,175	33	35	36
Washington	6,838	6,758	6,426	6,885	7,350	7,573
Wayne	8,188	8,092	7,695	15,550	16,601	17,104
Westchester	6,901	6,821	6,486	483	515	531
Wyoming	244	241	229	11,769	12,564	12,945
Yates	100	99	94	5,480	5,850	6,027
Other Counties <u>2/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1,635	1,745	1,798
<b>TOTAL</b>	256,884	253,890	241,429	303,954	326,195	338,412

1/ Included in Field and Other Crops.

2/ Other Counties - Bronx, Hamilton, Kings, New York, Putnam, Queens, Richmond, and Rockland.

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

4/ County values cannot be summed to the State Total because unpublished values from Vegetables, Fruit, and Greenhouse and Nursery are included in Field and Other Crops county values.