

New York
AGRICULTURAL STATISTICS



1999-2000

New York AGRICULTURAL STATISTICS SERVICE

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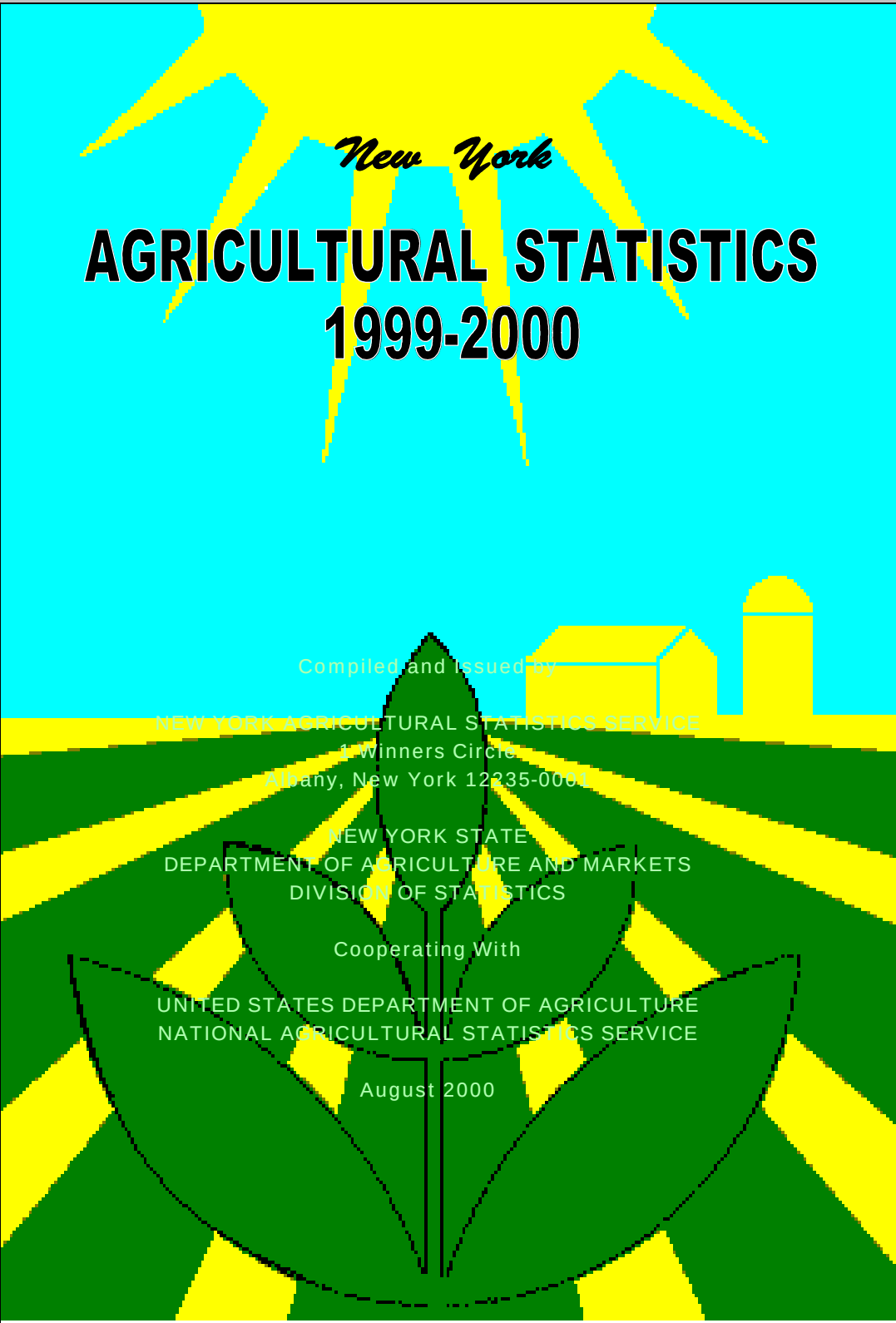
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Compiled and Issued by

NEW YORK AGRICULTURAL STATISTICS SERVICE

1 Winners Circle
Albany, New York 12235-0001

NEW YORK STATE
DEPARTMENT OF AGRICULTURE AND MARKETS
DIVISION OF STATISTICS

Cooperating With

UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

August 2000



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

OFFICE OF THE COMMISSIONER
518 457-4188

July 2000

Dear Friends:

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

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

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

Sincerely,

Nathan L. Rudgers
Commissioner

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ERS (Economic Research Service)

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This entire report and most of our other reports are available at our Internet address above. In an effort to reduce the cost of printing, please notify the New York Agricultural Statistics Service if you wish your name to be deleted from our mailing list. Please correct name and address if necessary.

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 1999, the most recent available, are shown in table 5 on pages 8 and 9. The farm income estimates in table 5 include operator households. The balance sheet estimates in table 4 exclude operator households.

PROGRAM PAYMENTS TOTAL \$117.2 MILLION

Federal program direct payments to New York farmers increased to \$117.2 million in 1999, nearly double the \$59.7 million in 1998. The 1999 payments were equal to 7.3 percent of gross value added and 18 percent of net farm income. Direct payments to all New York farmers averaged \$3,000 per farm compared with \$1,570 per farm in 1998.

Table 1. Government Payments to
New York Farmers, by Program,
1995-1999

Program	1995	1996	1997	1998	1999
	<i>Million dollars</i>				
Conservation	3.2	1.4	3.8	7.8	3.6
Feed Grains (Corn)	9.0	16.8	1/39.0	N/A	N/A
Wheat	1.3	4.2	N/A	N/A	N/A
Wool	0.2	-	-	-	-
Miscellaneous (includes disasters)	29.8	5.3	.5	N/A	N/A
All Programs	43.5	43.4	39.6	59.7	117.2

1/ Includes wheat.

NET FARM INCOME UP 45 PERCENT

Net farm income increased 45 percent in 1999 to \$659 million. Crop output value totaled \$1.08 billion, up 5 percent and livestock output value decreased 2 percent to \$2.05 billion. Consumption outlays decreased slightly to \$1.77 billion while government transactions increased 96 percent.

FARMS BY SALES CLASS

Of the estimated 39,000 farms in New York in 1999, only 8,700 or 22 percent of all farms had sales of \$100,000 or more, but they operated 3.8 million acres or 49 percent of all land in farms. New York farms with sales of less than \$10,000 totaled 19,400 or almost 50 percent of all farms.

Table 2. Number of Farms and Land in
Farms, by Sales Class, 1991-1999

Year	Gross Value of Sales			
	\$1,000- 9,999	\$10,000- 99,999	\$100,000+	Total
	<i>Thousand farms</i>			
1991	17.2	12.6	8.2	38.0
1992	17.5	12.3	8.2	38.0
1993	18.6	11.9	8.0	38.5
1994	19.1	11.2	8.2	38.5
1995	18.6	11.4	8.0	38.0
1996	18.6	11.2	8.2	38.0
1997	18.7	11.0	8.3	38.0
1998	18.4	11.0	8.6	38.0
1999	19.4	10.9	8.7	39.0
	<i>Million acres</i>			
1991	1.5	2.7	4.1	8.3
1992	1.4	2.6	4.2	8.2
1993	1.8	2.4	3.9	8.1
1994	1.8	2.3	3.8	7.9
1995	1.9	2.3	3.7	7.9
1996	1.9	2.2	3.7	7.8
1997	1.9	2.2	3.7	7.8
1998	1.8	2.2	3.8	7.8
1999	1.9	2.1	3.8	7.8

FARMS AND FARMLAND UTILIZATION

The number of farms in New York (*places selling \$1,000 or more of agricultural products in a year*) totaled 39,000 in 1999, 1,000 more than a year earlier. Total land in farms remained at 7.80 million acres. Farmland accounts for 26 percent of the State's total land area.

Total cropland stands at 5.03 million acres and accounts for 64 percent of total land operated. Harvested cropland at 3.89 million acres represents 50 percent of total land operated. Field crops such as corn, hay, haylage and

greenchop, small grains, potatoes, soybeans and other field crops account for 94 percent of the total cropland harvested. Vegetable crops make up 3.9 percent and fruit crops 2.5 percent.

Estimates of farmland utilization are shown in table 3 below. The estimates are based on annual surveys with about 10,000 farms reporting each year. County estimates for major land use categories appear at the end of this book.

Table 3. FARMS AND FARMLAND: Number of Farms, Land in Farms and Land Use,
1990-1999

Item	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Number of farms	38,50	38,00	38,00	38,50	38,50	38,00	38,00	38,00	38,00	39,00
Acres per farm	218	218	216	210	205	208	205	205	205	200
Land in farms	8,400	8,300	8,200	8,100	<i>Thousand acres</i>		7,900	7,900	7,800	7,800
Cropland, Total	5,360	5,270	5,140	5,080	5,000	5,000	4,980	4,980	4,980	5,030
Cropland harvested, Total <u>1/</u>	3,867	3,752	3,768	3,749	3,808	3,700	3,730	3,760	3,770	3,890
Field crops harvested	3,615	3,500	3,522	3,503	3,562	3,446	3,482	3,510	3,519	3,643
Vegetable crops harvested	151	153	143	143	144	155	146	152	154	150
Fruit crops harvested	101	99	103	103	102	99	102	97	97	97
Cropland Pasture	750	740	720	700	690	710	700	680	670	640
Other Cropland	743	778	652	631	502	590	550	540	540	500
Permanent Pasture <u>2/</u>	730	720	740	710	680	680	670	670	670	640
Woodland <u>3/</u>	1,690	1,690	1,700	1,660	1,600	1,600	1,560	1,560	1,560	1,530
Other Land <u>4/</u>	620	620	620	650	620	620	590	590	590	600

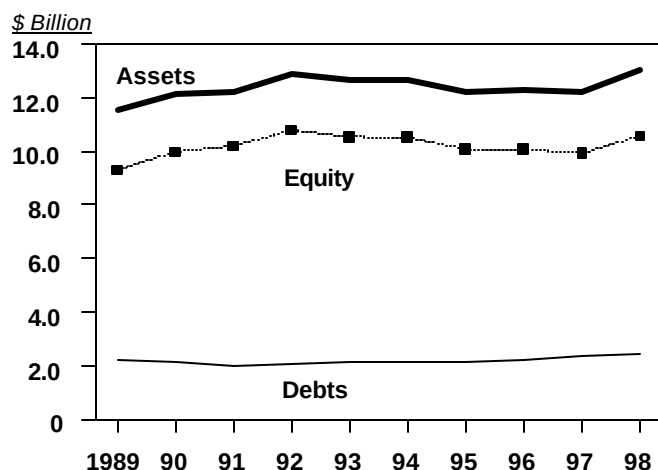
1/ Beginning with 1992, field crops harvested and cropland harvested includes acres harvested only for haylage or greenchop.

2/ Excludes cropland and woodland pasture.

3/ Includes woodland pasture.

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

Figure 1.
FARM BALANCE SHEET
New York, December 31, 1989-1998



FARM DEBT HIGHER

New York farm debt increased 3 percent from 1997 to 1998. The level of debt, \$2.42 billion, was at its highest point in the last 10 years. Real estate debt accounted for 34 percent of the total. However, at \$830 million, fell 1 percent from 1997. Nonreal estate debt increased 5 percent from a year earlier and accounted for the rest of farm debt. Farm assets in 1998 totaled \$13.0 billion, in New York, 6 percent above 1997. As a result, the debt-asset ratio decreased to 18.6. The debt-equity ratio was 22.9.

With 38,000 farms in New York during 1998, assets per farm averaged \$342 thousand compared with \$323 thousand in the previous year. Debt per farm averaged

Table 4. FARM BALANCE SHEET, December 31, 1989-1998

Item	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
<i>Million dollars</i>										
FARM ASSETS	11,517	12,154	12,208	12,901	12,680	12,664	12,251	12,314	12,280	13,006
Real estate	7,226	7,768	7,968	8,536	8,372	8,361	8,165	8,100	8,294	8,294
Livestock and poultry ^{1/}	1,291	1,258	1,263	1,303	1,294	1,242	1,138	1,176	1,102	1,264
Machinery and Motor vehicles ^{2/}	1,803	1,847	1,836	1,832	1,815	1,841	1,838	1,853	1,617	1,610
Crops ^{3/}	475	540	420	439	380	388	352	392	438	510
Purchased inputs	60	74	66	92	88	122	88	119	139	143
Financial	662	666	655	700	731	710	670	675	690	1,184
FARM DEBT ^{4/}	2,208	2,169	2,010	2,105	2,133	2,150	2,171	2,238	2,352	2,419
Real estate	1,032	901	850	878	879	878	854	851	839	830
Nonreal estate	1,176	1,268	1,160	1,227	1,253	1,271	1,318	1,387	1,513	1,589
EQUITY	9,309	9,985	10,198	10,796	10,547	10,514	10,079	10,076	9,929	10,587
Debt/equity	23.7	21.7	19.7	19.5	20.2	20.4	21.5	22.2	23.7	22.9
Debt/assets	19.2	17.9	16.5	16.3	16.8	17.0	17.7	18.2	19.2	18.6

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

^{1/} Excludes horses, mules, and broilers.

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

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

^{4/} Excludes debt for nonfarm purposes.

Table 5. VALUE ADDED TO NEW YORK ECONOMY BY AGRICULTURE, 1990-1999

Item	1990	1991	1992	1993	1994
	<u>1,000 dollars</u>				
Final crop output	961,232	1,009,113	905,392	891,245	984,417
Food grains	17,708	15,307	17,981	12,894	18,977
Feed crops	144,969	152,069	147,382	144,895	154,924
Oil crops	7,508	8,010	8,123	15,134	18,444
Fruits and tree nuts	178,197	209,457	193,799	168,956	177,369
Vegetables	338,393	402,347	243,842	338,488	321,015
All other crops	256,827	239,694	305,940	252,167	240,808
Home consumption	2,628	2,594	2,628	2,663	2,628
Value of inventory adjustment	15,002	(20,365)	(14,303)	(43,952)	50,252
Final animal output	1,997,341	1,814,451	1,916,379	1,916,371	1,885,582
Meat animals	195,714	208,050	209,179	249,014	223,772
Dairy products	1,590,542	1,399,140	1,527,273	1,463,554	1,495,702
Poultry and eggs	101,462	94,236	82,280	90,799	89,844
Miscellaneous livestock	94,192	96,540	89,567	122,328	104,395
Home consumption	9,341	8,870	8,812	7,873	6,280
Value of inventory adjustment	6,090	7,615	(732)	(17,197)	(34,411)
Services and forestry	208,703	211,691	232,618	250,544	271,243
Machine hire and customwork	19,600	18,653	20,890	19,432	21,783
Forest products sold	19,370	17,440	7,630	9,190	9,450
Other farm income	44,583	46,634	66,390	66,646	67,865
Gross imputed rental value of farm	125,150	128,964	137,708	155,276	172,145
Final agricultural sector output	3,167,276	3,035,255	3,054,389	3,058,160	3,141,242
less: Intermediate consumption outlays	1,502,825	1,486,951	1,465,168	1,460,588	1,589,621
Feed purchased	445,787	437,202	446,198	429,642	413,983
Livestock and poultry purchased	17,952	15,186	21,906	19,928	14,920
Seed purchased	77,617	87,241	71,555	71,628	81,589
Fertilizers and lime	113,774	119,961	106,072	90,305	106,901
Pesticides	63,532	71,635	68,977	64,378	77,700
Petroleum fuel and oils	103,533	100,387	92,356	93,785	92,759
Electricity	68,837	66,012	66,954	69,837	72,463
Repair and maintenance of capital items	177,919	176,153	184,701	180,235	192,048
Machine hire and customwork	30,615	32,086	27,768	33,789	45,549
Marketing, storage, & transportation	150,689	129,251	93,877	113,779	149,323
Contract labor	9,482	6,187	6,824	7,031	9,202
Miscellaneous expenses	243,088	245,650	277,980	286,251	333,184
plus: Direct Government payments	59,304	41,242	47,872	72,286	42,417
less: Motor vehicle registration and licensing fees	5,881	5,496	5,079	3,992	6,622
less: Property taxes	179,879	185,374	189,766	192,825	201,075
Gross value added	1,537,994	1,398,677	1,442,248	1,473,041	1,386,340
less: Capital consumption	410,425	415,445	420,508	413,507	405,978
Net value added	1,127,569	983,232	1,021,740	1,059,534	980,362
less: Employee compensation (total hired labor)	329,640	323,855	327,516	340,922	342,657
Net rent received by nonoperator landlords	(9,295)	(5,311)	(5,066)	(9,401)	(11,260)
Real estate and nonreal estate interest	196,774	167,134	156,033	133,526	170,186
Net farm income	610,450	497,554	543,257	594,487	478,779

Table 5. VALUE ADDED TO NEW YORK ECONOMY BY AGRICULTURE, 1990-1999 (Continued)

Item	1995	1996	1997	1998	1999
	<u>1,000 dollars</u>				
Final crop output	943,614	952,734	1,018,987	1,031,721	1,078,343
Food grains	26,826	29,603	24,339	17,954	18,947
Feed crops	162,599	194,524	172,234	173,022	151,081
Oil crops	15,195	26,248	16,151	22,622	23,246
Fruits and tree nuts	192,174	210,872	203,110	191,089	210,807
Vegetables	332,126	248,636	313,633	355,966	359,616
All other crops	241,400	231,612	271,057	294,015	300,410
Home consumption	2,594	2,628	2,628	2,628	2,697
Value of inventory adjustment	(29,300)	8,611	15,835	(25,575)	11,539
Final animal output	1,908,761	2,102,271	1,788,850	2,077,728	2,046,309
Meat animals	160,853	112,698	125,245	118,818	131,244
Dairy products	1,487,696	1,690,419	1,526,158	1,786,862	1,736,962
Poultry and eggs	91,601	101,213	86,704	91,654	86,473
Miscellaneous livestock	142,159	173,576	89,984	94,415	88,527
Home consumption	4,465	3,344	4,102	3,448	3,390
Value of inventory adjustment	21,987	21,021	(43,343)	(17,469)	(287)
Services and forestry	269,569	242,931	295,015	278,467	366,977
Machine hire and customwork	23,701	24,464	57,678	27,384	16,817
Forest products sold	8,980	9,160	9,618	10,099	10,125
Other farm income	70,922	51,540	73,543	80,203	182,535
Gross imputed rental value of farm	165,966	157,767	154,176	160,781	157,500
Final agricultural sector output	3,121,943	3,297,936	3,102,852	3,387,916	3,491,629
less: Intermediate consumption outlays	1,670,419	1,640,409	1,760,340	1,796,297	1,766,453
Feed purchased	440,168	457,542	482,960	482,198	469,324
Livestock and poultry purchased	15,107	12,449	13,918	13,899	18,555
Seed purchased	94,511	108,904	119,379	129,370	108,876
Fertilizers and lime	118,864	105,395	113,375	108,440	102,615
Pesticides	89,736	78,984	88,475	91,329	82,766
Petroleum fuel and oils	101,282	109,716	111,276	99,156	98,480
Electricity	76,933	72,869	92,796	72,793	79,295
Repair and maintenance of capital items	181,789	178,674	198,008	221,672	195,657
Machine hire and customwork	60,614	44,689	49,087	65,012	60,158
Marketing, storage, & transportation	149,302	130,090	140,338	116,169	131,329
Contract labor	7,491	10,849	14,655	18,040	20,976
Miscellaneous expenses	334,622	330,248	336,073	378,219	398,422
plus: Direct Government payments	43,481	43,401	39,623	59,659	117,168
less: Motor vehicle registration and licensing fees	7,062	6,078	5,626	6,895	5,648
less: Property taxes	199,442	202,989	210,904	215,203	233,463
Gross value added	1,288,501	1,491,860	1,165,605	1,429,180	1,603,233
less: Capital consumption	406,429	401,755	397,458	398,593	403,882
Net value added	882,072	1,090,105	768,147	1,030,587	1,199,351
less: Employee compensation (total hired labor)	370,955	382,575	392,879	409,569	367,638
Net rent received by nonoperator landlords	(9,822)	(6,691)	(1,940)	(14,208)	(11,760)
Real estate and nonreal estate interest	167,556	180,207	176,990	182,291	184,853
Net farm income	353,383	534,014	200,218	452,935	658,620

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

CASH RECEIPTS IN 1998

Cash receipts from New York farm marketings during 1998 amounted to \$3.14 billion, 11 percent above 1997. Receipts from livestock and products totaled \$2.09 billion compared with \$1.83 billion the previous year. Dairy products receipts were \$261 million more than 1997. Crop

cash receipts increased \$39 million to \$1.05 billion. Higher returns were received in vegetable and nursery sales while lower returns were received in field crop and fruit sales.

Table 6. CASH RECEIPTS: Farm Marketings by Commodities, 1990-1999

	1990	1991	1992	1993	1994
	----1,000 dollars----				
<u>LIVESTOCK AND PRODUCTS</u>	1,958,395	1,797,966	1,908,299	1,901,088	1,913,713
Dairy products	1,590,542	1,399,140	1,527,273	1,463,554	1,495,702
Cattle and calves	174,886	191,157	194,733	237,212	211,123
Eggs	55,331	52,640	46,713	52,000	50,002
Hogs	18,692	14,529	12,018	13,820	9,390
Ducks	7,952	7,920	8,736	8,493	8,874
Turkeys	4,530	4,387	4,268	4,505	5,300
Sheep and wool	2,383	2,364	2,428	3,547	3,550
Broilers	3,643	2,835	1,369	1,530	1,904
Honey	2,843	2,960	2,818	2,539	2,913
Other livestock and poultry	97,953	120,034	107,943	113,888	124,955
<u>FIELD CROPS</u>	239,922	246,910	242,845	235,492	269,297
Corn for grain	66,539	76,536	67,800	70,355	79,200
Hay	72,429	70,106	74,528	71,573	74,904
Potatoes	56,234	60,900	61,475	56,513	66,194
Wheat	17,274	14,875	17,501	12,521	18,608
Soybeans	7,508	7,886	7,875	11,407	18,091
Dry beans	12,745	10,624	7,882	8,816	10,299
Oats	6,001	5,427	5,054	2,970	820
Other field crops	1,192	556	730	1,337	1,181
<u>VEGETABLE CROPS</u>	229,613	273,392	198,838	271,704	249,394
Onions	42,374	57,288	34,713	76,040	51,587
Cabbage	43,338	60,040	34,563	47,509	43,606
Sweet corn	34,309	36,526	30,692	39,544	46,114
Snap beans	21,029	24,019	12,041	19,602	23,986
Tomatoes 1/	16,397	14,591	6,846	9,936	14,760
Lettuce	8,112	6,965	7,782	3,972	3,896
Cucumbers 1/	5,811	7,951	8,901	6,667	6,306
Cauliflower	5,191	5,477	5,545	7,560	7,181
Carrots	3,745	7,558	7,807	4,376	3,372
Green peas	5,139	4,995	5,887	5,555	7,047
Beets	2,219	1,642	1,785	2,668	2,630
Other vegetables	40,426	43,400	36,862	48,275	38,909
<u>FRUIT CROPS</u>	178,197	209,457	193,801	169,773	177,370
Apples	109,423	125,228	130,985	106,067	111,953
Grapes	41,172	48,789	37,584	26,165	39,761
Strawberries	13,114	11,081	8,346	22,032	10,752
Cherries	3,285	12,561	4,513	2,165	3,631
Pears	3,687	3,981	4,734	3,781	4,848
Peaches	3,781	3,702	3,595	2,660	1,757
Other fruit and berries	3,735	4,115	4,044	6,903	4,668
<u>ALL OTHER CROPS</u>	256,069	239,694	305,940	293,079	241,189
Greenhouse and nursery	248,288	228,777	261,839	254,390	215,237
Christmas trees			30,100	30,000	17,100
Maple	5,901	7,176	9,360	3,366	6,150
Other, miscellaneous	1,880	3,741	4,641	5,323	2,702
<u>ALL CROPS</u>	903,801	969,453	941,424	970,048	937,250
<u>ALL COMMODITIES</u>	2,862,196	2,767,419	2,849,723	2,871,136	2,850,963

1999 CASH RECEIPTS DOWN 1 PERCENT

Cash receipts from New York farm marketings in 1999 reached \$3.10 billion, 1 percent below the 1998 total. Receipts from livestock and poultry products are estimated at \$2.04 billion, down 2 percent from the previous year. Dairy receipts were down nearly three percent to \$1.74

billion. Crop sales are an estimated \$1.05 billion, up slightly from a year ago. Increases in nursery and fruit receipts offset decreases in field crop and vegetable receipts.

Table 6. CASH RECEIPTS: Farm Marketings by Commodities, 1990-1999 (Continued)

	1995	1996	1997	1998	1999	
	----1,000 dollars----					% of Total
<u>LIVESTOCK AND PRODUCTS</u>	1,882,309	2,077,906	1,828,091	2,091,794	2,043,206	66.0
Dairy products	1,487,69	1,690,41	1,526,15	1,786,86	1,736,96	56.1
Cattle and calves	148,997	99,225	108,148	106,712	122,904	4.0
Eggs	55,871	66,949	51,671	51,272	47,121	1.5
Horses/mules 2/	0	0	45,000	45,000	0	0.0
Hogs	8,125	10,192	13,851	8,828	5,503	0.2
Ducks	9,512	10,614	11,696	12,558	12,144	0.4
Turkeys	5,451	5,373	5,077	4,780	5,239	0.2
Sheep and wool	4,050	3,488	3,431	3,416	2,930	0.1
Broilers	2,381	3,280	2,730	4,059	4,290	0.1
Honey	3,728	4,842	3,672	3,640	3,188	0.1
Other livestock and poultry 3/	156,498	183,524	56,657	64,667	102,925	3.3
<u>FIELD CROPS</u>	287,670	297,986	294,822	272,818	258,512	8.4
Corn for grain	87,356	115,291	86,007	81,678	61,234	2.0
Hay	71,004	75,211	83,509	87,646	86,926	2.8
Potatoes	71,148	43,984	62,242	58,979	54,977	1.8
Wheat	26,377	29,265	23,958	17,027	18,059	0.6
Soybeans	14,843	18,091	25,680	12,514	23,009	0.7
Dry beans	10,766	9,956	9,175	9,581	9,016	0.3
Oats	4,242	4,267	2,718	3,698	2,921	0.1
Other field crops	1,934	1,921	1,533	1,695	2,370	0.1
<u>VEGETABLE CROPS</u>	250,213	194,701	242,215	291,570	283,930	9.2
Onions	41,180	38,387	36,481	50,771	41,701	1.3
Cabbage	45,952	32,137	49,620	46,066	44,723	1.4
Sweet corn	65,443	46,352	44,812	63,077	64,857	2.1
Snap beans	21,378	20,841	28,790	30,210	33,636	1.1
Tomatoes 1/	7,380	3,359	11,174	13,398	12,317	0.4
Lettuce	2,093	1,040	2,940	3,300	3,339	0.1
Cucumbers 1/	6,674	6,747	12,840	14,668	16,848	0.5
Cauliflower	4,799	4,662	6,960	9,637	6,320	0.2
Carrots	4,261	2,915	4,251	8,328	11,308	0.4
Green peas	9,546	8,461	8,446	12,705	9,963	0.3
Beets	2,548	3,127	2,620	2,167	3,036	0.1
Other vegetables	38,959	26,673	33,281	37,243	35,882	1.2
<u>FRUIT CROPS</u>	192,175	210,874	203,110	191,089	210,807	6.8
Apples	132,860	137,137	139,508	128,997	123,235	4.0
Grapes	37,218	47,220	40,024	39,499	59,174	1.9
Strawberries	8,239	8,880	6,767	7,015	8,268	0.3
Cherries	2,076	2,896	3,355	3,546	4,316	0.1
Pears	5,392	5,748	3,070	3,754	4,390	0.1
Peaches	2,280	4,003	5,296	3,538	5,454	0.2
Other fruit and berries	4,110	4,990	5,090	4,740	5,970	0.2
<u>ALL OTHER CROPS</u>	240,265	230,283	270,211	293,519	298,764	9.7
Greenhouse and nursery	214,192	200,623	247,494	268,820	275,053	8.9
Christmas trees	17,900	18,300	13,200	15,300	16,200	0.5
Maple	4,888	8,747	6,752	6,202	5,012	0.2
Other, miscellaneous	3,285	2,613	2,765	3,197	2,499	0.1
<u>ALL CROPS</u>	970,323	933,844	1,010,35	1,048,99	1,052,01	34.0
<u>ALL COMMODITIES</u>	2,852,63	3,011,75	2,838,44	3,140,79	3,095,21	100.0

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

Table 7. NEW YORK'S RANK IN THE NATION'S AGRICULTURE - 1999

Item	1st	2nd	3rd	4th	5th	N.Y. Rank
FIELD CROPS						
Corn for silage	Wis.	N.Y.	Calif.	Minn.	Pa.	2
Corn for grain	Iowa	Ill.	Nebr.	Minn.	Ind.	17
Oats	Wis.	Minn.	N.Dak.	S. Dak.	Iowa	10
Winter wheat	Kansas	Okla.	Texas	Colo.	Wash.	28
Potatoes	Idaho	Wash.	Wis.	Colo.	Ore.	13
Dry beans	N.Dak.	Mich.	Nebr.	Colo.	Calif.	12
Alfalfa hay	Calif.	S.Dak.	Wis.	Minn.	Neb.	24
Other hay	Texas	Mo.	Ky.	Okla.	Tenn.	13
All hay	Texas	S.Dak.	Calif.	Wis.	Neb.	22
FRUIT						
Apples	Wash.	N.Y.	Mich.	Calif.	Pa.	2
Cherries, sweet	Calif.	Wash.	Ore.	Mich.	Idaho	7
Cherries, tart	Mich.	N.Y.	Wash.	Utah	Wis.	2
Peaches	Calif.	S.C.	Ga.	Pa.	N.J.	13
Pears	Wash.	Calif.	Ore.	N.Y.	Mich.	4
Grapes	Calif.	Wash.	N.Y.	Pa.	Mich.	3
Blueberries	Mich.	N.J.	Ore.	N.C.	Ga.	8
Strawberries	Calif.	Fla.	Ore.	N.C.	Wash.	7
VEGETABLES, FRESH MARKET						
Cabbage	N.Y.	Calif.	Texas	Ga.	Fla.	1
Carrots	Calif.	Colo.	Mich.	Wash.	Texas	7
Cauliflower	Calif.	Ariz.	N.Y.	Mich.	Texas	3
Cucumbers	Fla.	Ga.	Calif.	Mich.	N.Y.	5
Lettuce	Calif.	Ariz.	Colo.	N.M.	Wash.	7
Onions	Calif.	Ore.	Wash.	Idaho	Colo.	6
Snap beans	Fla.	Ga.	Calif.	N.Y.	Tenn.	4
Sweet corn	Calif.	Fla.	Ga.	N.Y.	Ohio	4
Tomatoes	Fla.	Calif.	Va.	Ohio	Ga.	12
VEGETABLES, PROCESSING						
Carrots	Wash.	Calif.	Wis.	Mich.	Texas	6
Green peas	Minn.	Wash.	Wis.	Ore.	N.Y.	5
Snap beans	Wis.	Ore.	Mich.	N.Y.	Ill.	4
Sweet corn	Wash.	Minn.	Wis.	Ore.	N.Y.	5
LIVESTOCK PRODUCTS						
Milk production	Calif.	Wis.	N.Y.	Pa.	Minn.	3
Cattle and calves ^{1/}	Texas	Nebr.	Kansas	Colo.	Okla.	35
Egg production	Ohio	Iowa	Calif.	Pa.	Ind.	21
Chickens (<i>excluding broilers</i>) ^{1/}	Ga.	Ark.	N.C.	Ala.	Ohio	18
Hogs and pigs ^{1/}	Iowa	N.C.	Minn.	Ill.	Ind.	32
Sheep and lambs ^{1/}	Colo.	Texas	Calif.	Wyo.	Iowa	27
DAIRY PRODUCTS						
Total American cheese	Wis.	Minn.	Calif.	Idaho	Wash.	8
Total Italian cheese	Wis.	Calif.	N.Y.	Pa.	S. Dak.	3
Total Cheese, excluding Cottage	Wis.	Calif.	N.Y.	Minn.	Idaho	3
Creamed Cottage cheese	N.Y.	Calif.	Ill.	Ky.	Ohio	1
Lowfat Cottage cheese	N.Y.	Calif.	Ohio	Ill.	Wis.	1
GENERAL CHARACTERISTICS						
Number of farms	Texas	Mo.	Iowa	Ky.	Calif.	26
Land in farms	Texas	Mont.	Kansas	Nebr.	N.M..	35
Total cash farm receipts	Calif.	Iowa	Texas	N.C.	Ga.	35

^{1/} Pounds sold.

Table 8. NEW YORK HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
<u>FIELD CORN</u>						
All Harvested	Acres	1,440,000	1981	560,000	1930	1866
Grain Harvested	Acres	830,000	1981	97,000	1928	1919
Grain Production	Bushels	77,190,00	1981	3,298,00	1928	1919
Silage Harvested	Acres	682,000	1978	30,000	1919	1919
Silage Production	Tons	9,207,000	1978	2,754,00	1925	1919
<u>OATS</u>						
Grain Harvested	Acres	1,430,000	1896	75,000	1996	1866
Grain Production	Bushels	54,800,00	1902	4,275,00	1996	1866
<u>WHEAT</u>						
Grain Harvested	Acres	790,000	1880	75,000	1978	1866
Grain Production	Bushels	15,200,00	1878	2,625,00	1978	1866
<u>HAY (Dry)</u>						
All Harvested	Acres	5,067,000	1924	1,400,00	1998	1924
All Production	Tons	6,914,000	1916	2,975,00	1999	1914
Alfalfa Harvested	Acres	1,324,000	1966	185,000	1928	1924
Alfalfa Production	Tons	3,111,000	1966	357,000	1926	1924
<u>POTATOES</u>						
Harvested	Acres	435,000	1904	25,500	1999	1866
Production	Cwt.	29,077,00	1909	6,628,00	1989	1866
<u>DRY BEANS</u>						
Harvested	Acres	250,000	1917	25,000	1988	1909
Production	Cwt.	2,070,000	1948	255,000	1983	1909
<u>ONIONS</u>						
Harvested	Acres	16,400	1965	5,830	1928	1918
Production	Cwt.	5,412,000	1965	729,000	1928	1918
<u>SWEET CORN</u>						
Harvested	Acres	66,200	1999	49,800	1988	1929
Production	Cwt.	6,789,800	1999	897,000	1933	1929
<u>APPLES</u>						
Production	Bushels	54,178,00	1896	2,160,00	1945	1889
<u>GRAPES</u>						
Production	Tons	198,000	1984	29,300	1918	1909
<u>MAPLE SYRUP</u>						
	Gallons	1,304,000	1918	180,000	1993	1916
<u>CATTLE</u>						
All Cattle and Calves <u>1/</u>	Head	2,596,000	1879	1,450,00	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.	12,040	1999	6,874	1935	1924
<u>OTHER LIVESTOCK</u>						
All Hogs and Pigs <u>2/</u>	Head	840,000	1897	40,000	1999	1867
All Sheep and Lambs	Head	4,090,000	1867	55,000	1986	1867
<u>POULTRY</u>						
Hens and Pullets of Laying Age <u>2/</u>	Head	17,475,00	1944	3,470,00	1997	1924
Egg Production	Millions	2,414	1944	931	1997	1924
Broilers Produced	Head	14,618,00	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, 1999

Crop	Acres harvested	Yield per acre	Unit of production	Total production	Price per unit	Value of production
	<u>Acres</u>			<u>1,000</u>	<u>Dollars</u>	<u>1,000 dol.</u>
ALL CROPS 1/	3,305,250					1,414,215
FIELD CROPS 1/	3,060,700					779,295
Wheat	125,000	65.0	bu.	8,125	2.00	16,250
Oats	70,000	68.0	bu.	4,760	1.45	6,902
Rye	15,000	38.0	bu.	570	1.50	855
Barley	17,000	57.0	bu.	969	1.35	1,308
Soybeans	128,000	37.0	bu.	4,736	4.20	19,891
Corn for grain	590,000	101.0	bu.	59,590	2.15	128,119
Corn for silage	560,000	16.0	ton	8,960	25.90	232,064
Alfalfa hay	550,000	2.30	ton	1,265	120.00	151,800
Other hay	950,000	1.80	ton	1,710	89.50	153,045
Potatoes	25,500	265	cwt.	6,758	9.00	60,822
Dry beans	30,200	13.7	cwt.	414	19.90	8,239
VEGETABLES 1/	148,250					243,884
Beets for processing	2,500	15.37	ton	38.4	79.00	3,036
Cabbage, fresh	12,100	410	cwt.	4/4,961	9.20	5/41,382
Cabbage, processing	2,400	28.41	ton	68.2	49.00	3,341
Carrots, fresh	750	300	cwt.	225	24.20	5,445
Carrots, processing	1,200	21.28	ton	25.5	66.50	1,699
Cauliflower, fresh & proc.	1,100	150	cwt.	165	38.30	6,320
Cucumbers, fresh	3,600	180	cwt.	648	26.00	16,848
Snap beans, fresh	6,100	61	cwt.	372	53.30	19,828
Snap beans, processing	21,200	3.42	ton	72.6	190.00	13,808
Green peas, processing	14,900	2.13	ton	31.7	314.00	9,963
Lettuce, fresh	500	210	cwt.	105	31.80	3,339
Onions, fresh & proc.	12,600	280	cwt.	4/3,528	13.40	5/41,701
Sweet corn, fresh	33,700	95	cwt.	3,202	16.30	52,193
Sweet corn, processing	32,500	5.52	ton	179.4	70.60	12,664
Tomatoes, fresh	3,100	115	cwt.	357	34.50	12,317
	<u>Acres of Bearing Age</u>	<u>Tons Per Acre</u>	<u>Unit of production</u>	<u>In Unit Indicated 4/</u>	<u>Dollars/lb.</u>	<u>1,000 dollars</u>
FRUIT 1/	96,300					225,659
Apples 2/	55,000	22,900	mil. lbs.	1,260	.114	140,230
Peaches	1,600	8,750	mil. lbs.	14.0	.455	5,454
Tart cherries	2,600	6,540	mil. lbs.	17.0	.157	2,666
Blueberries	700	2,290	1,000 lbs.	1,900	1.08	1,733
Strawberries	1,700	4,880	1,000 lbs.	7,800	1.06	8,268
Red raspberries	450	2,440	1,000 lbs.	1,100	2.50	2,250
					<u>Dollars/ton</u>	
Pears	2,000	12,500	1,000 tons	12.5	388	4,390
Sweet cherries	750	2,800	1,000 tons	1.05	1,490	1,494
Grapes	31,500	13,020	1,000 tons	205	290	59,174
OTHER CROPS 1/						
Floriculture	3/	3/	1,000 sq. ft.	22,189	7.21 \$/sq.ft.	160,053
Maple syrup	3/	3/	1,000 gal.	195	27.30 \$/gal.	5,324

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 is packinghouse door equivalent. 3/ Not available or applicable. 4/ Total production includes the following quantities not utilized or sold; cabbage, 463,000 cwt.; onions, 416,000 cwt.; apples, 30 million pounds; sweet cherries, 50 tons; peaches, 2.0 million pounds; grapes, 1,000 tons; blueberries, 300,000 pounds; raspberries, 200,000 pounds. 5/ Value of sales.

CROPS

FIELD CROPS

GRAIN CORN production totaled 59.6 million bushels in 1999, down 10 percent from the 1998 level of 66.1 million bushels. The average yield of 101 bushels per acre was down 13 bushels from the previous year. There were 590,000 acres harvested in 1999 compared with 580,000 acres in 1998. The value of production, at \$128 million, was down 12 percent from last year's \$146 million.

SILAGE CORN production, at 8.96 million tons, was up 2 percent from 1998. Acres harvested for silage, at 560,000, were up 2 percent from the previous year. Value of production for corn silage, at \$232 million, was up 4 percent from the 1998 value of \$223 million. Nationally, New York ranked second behind Wisconsin in corn silage production.

WHEAT production in 1999 totaled 8.13 million bushels, up 16 percent from 1998's production of 7.02 million bushels. Average yield, at 65 bushels per acre, was up 11 bushels from 1998 and is a new record high for New York. The value of production, at \$16.3 million, was up 9 percent from the \$15.0 million in 1998.

OAT production decreased 27 percent from the previous year to 4.76 million bushels. The number of acres harvested, at 70,000, was down 35,000 from a year earlier. Average yield per acre, at a record high 68 bushels, was up 6 bushels from a year earlier. The value of New York's oat crop decreased 25 percent from \$9.18 million in 1998 to \$6.90 million in 1999.

RYE acres harvested for grain, at 15,000 acres, was unchanged from the previous year. Rye production, at 570,000 bushels, was up 9 percent from a year earlier. The value of production totaled \$855 thousand, down from \$1.05 million in 1998.

ALL DRY HAY production was placed at a record low 2.98 million tons, down 4 percent from the 1998 output of 3.11 million tons. Value of production, at \$305 million, makes hay the State's number one crop.

ALFALFA DRY HAY production was 1.27 million tons, 14 percent below the 1998 crop of 1.47 million tons. Value of production was \$152 million in 1999 versus \$154 million in 1998, a 2 percent decrease.

OTHER DRY HAY production, which includes clover-timothy, mixed grasses, etc., was 1.71 million tons, 4 percent above 1998's level of 1.64 million tons. Value of production, at \$153 million in 1999, was 14 percent more than the \$134 million recorded in 1998.

POTATO production decreased from 7.29 million hundredweight (cwt.) in 1998 to 6.76 million cwt. in 1999. Yield per acre averaged 265 cwt., down 5 cwt. from a year ago. Area harvested was 25,500 acres, down 1,500 acres from 1998, and an all time record low. Value of production totaled \$60.8 million in 1999 compared with the 1998 value of \$68.2 million.

DRY BEAN production dropped 3 percent to 414,000 cwt. Average yield per acre decreased 50 pounds to 1,370 pounds per acre. Area harvested was 30,200 acres. The value of production, at \$8.24 million, was down 24 percent from 1998.

SOYBEAN production was a record high 4.74 million bushels, 19 percent above last year's production. Area harvested, at a record high 128,000 acres, was up 32 percent from a year ago. Yield per acre averaged 37 bushels, down 4 bushels from a year ago. The 1999 crop was valued at \$19.9 million, down 2 percent from the 1998 value.

1999 CROP SUMMARY

A warm, drier than normal APRIL pushed spring fieldwork ahead of schedule. Planting surged forward while warmer weather encouraged hay growth. Soil moisture was short to adequate. Onion planting passed the half-way mark. Planting of other vegetable crops gained momentum. Long Island potato planting was 95 percent finished. Livestock feed supplies were good. Pasture development was behind usual.

MAY provided excellent weather conditions for planting and harvesting and progress advanced well ahead of usual. Corn planting neared completion by the end of the month; the average progress is only 66 percent planted at this time. Apples were in good condition. Vegetable planting continued. Dry, windy conditions damaged onions in Orange County. Replanting was necessary.

JUNE brought hot, dry conditions that stressed crops across the state. Irrigation was required. Soil moisture supplies were very short to short by month's end. Rain was needed for hay regrowth. Fruit crops were in good to excellent condition, although apples were small in orchards not irrigated. Milk production dropped off as heat and humidity bothered livestock.

Hot weather persisted during JULY. Dryness in eastern areas further deteriorated crops and pastures. Western areas received much needed rain but more was required to relieve dryness. Soil moisture continued very short to short. Pastures were rated in very poor to fair condition. A lot of dry hay was put in the barn. The second cutting of alfalfa reached 84 percent complete. Regrowth was short. Wheat combining wound down, oat harvest picked up momentum. Vegetable harvests were in full swing. Fruit crops were in fair condition. Fruit was not sizing as well as hoped. Peach harvest was underway. Cherry picking was completed.

AUGUST continued dry. Soil moisture supplies fell to 26 percent very short, 48 percent short, and 26 percent adequate.

Pastures also deteriorated. The corn crop was in fair to good condition. Corn silage harvest began. Oat harvest reached 96 percent complete with quality rated good. The second cutting of alfalfa was almost complete, the third cutting passed the half-way mark. Potato harvest got underway. Soybeans began to mature; pod set was poor. Vegetable harvesting continued in high gear. Apple picking had begun by month's end and the Concord grape harvest was just getting underway. Quality of berries was good with high sugar content.

SEPTEMBER was warmer, but wetter than normal thanks largely to Hurricane Floyd. The rain was too late for corn and soybeans, but will help next year's wheat and hay crops. Much clean up and erosion repair was needed after the torrential rains fell. Rains caused a lot of splitting in tomatoes and the high winds knocked apples off trees. By month's end grain corn harvest had started and silage corn was 73 percent harvested. Progress ran well ahead of normal. Potato digging remained very active and the dry bean harvest shifted into high gear. Orange County onion harvest progressed rapidly. Apple picking continued in full swing. Cider making was in high gear. Grape harvesting picked up momentum. Concord grapes were in good condition with high sugar levels.

OCTOBER was another drier than normal month. Soil moisture was mostly adequate. Warm weather encourage pasture regrowth; conditions were fair to good. Corn harvest continued ahead of the normal pace. Hay harvest was essentially done. Soybean, dry bean, and potato harvests were in full swing. Onions were being moved into storage. Most vegetable harvests were finished and growers turned under crop residues. Cabbage and pumpkin harvests moved ahead rapidly. Late apple varieties were still being picked. Grape harvesting continued. Cider making was active. Peach and pear harvests were winding down.

Table 10. FIELD CROPS: Acres, Yield, Production, and Value, 1990-1999

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Bushels</u>	<u>1,000 bushels</u>	<u>Dollars per bu.</u>	<u>1,000 dollars</u>
<u>WHEAT</u>						
1990	150	145	49.0	7,105	2.70	19,184
1991	115	110	49.0	5,390	3.35	18,057
1992	120	110	56.0	6,160	2.70	16,632
1993	95	85	46.0	3,910	3.30	12,903
1994	120	115	53.0	6,095	3.20	19,504
1995	130	125	55.0	6,875	4.20	28,875
1996	160	150	43.0	6,450	4.15	26,768
1997	135	130	56.0	7,280	3.35	24,388
1998	140	130	54.0	7,020	2.13	14,953
1999	130	125	65.0	8,125	2.00	16,250
<u>OATS</u>						
1990	160	135	61.0	8,235	1.41	11,611
1991	130	100	50.0	5,000	1.56	7,800
1992	140	110	70.0	7,700	1.43	11,011
1993	135	105	62.0	6,510	1.38	8,984
1994	130	110	64.0	7,040	1.42	9,997
1995	110	90	58.0	5,220	1.65	8,762
1996	85	70	55.0	3,850	2.10	8,085
1997	100	90	65.0	5,850	1.70	9,945
1998	115	105	62.0	6,510	1.41	9,179
1999	100	70	68.0	4,760	1.45	6,902
<u>RYE</u>						
1990	60	10	26.0	260	2.55	663
1991	50	8	33.0	264	2.55	673
1992	52	9	32.0	288	2.05	590
1993	40	8	27.0	216	2.25	486
1994	30	8	31.0	248	2.25	558
1995	42	9	35.0	315	2.25	709
1996	49	8	28.0	224	3.00	672
1997	40	7	33.0	231	2.10	485
1998	50	15	35.0	525	2.00	1,050
1999	45	15	38.0	570	1.50	855
<u>BARLEY</u>						
1990	12	9	50.0	450	1.95	878
1991	13	11	45.0	495	1.55	767
1992	12	10	56.0	560	1.75	980
1993	14	12	52.0	624	1.65	1,030
1994	12	9	61.0	549	1.75	961
1995	12	10	65.0	650	1.80	1,170
1996	16	12	54.0	648	3.05	1,976
1997	16	13	54.0	702	2.00	1,404
1998	18	16	50.0	800	1.30	1,040
1999	19	17	57.0	969	1.35	1,308

Table 10. FIELD CROPS: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted <u>1/</u>	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Bushels</u>	<u>1,000 bushels</u>	<u>Dollars per bu.</u>	<u>1,000 dollars</u>
<u>SOYBEANS</u>						
1990	40	39	35.0	1,365	5.50	7,508
1991	49	48	31.0	1,488	5.30	7,886
1992	52	50	30.0	1,500	5.25	7,875
1993	56	55	34.0	1,870	6.10	11,407
1994	70	68	41.0	2,788	5.00	13,940
1995	66	63	38.0	2,394	6.20	14,843
1996	76	75	35.0	2,625	6.35	16,669
1997	105	102	37.0	3,774	6.00	22,644
1998	100	97	41.0	3,977	5.10	20,283
1999	130	128	37.0	4,736	4.20	19,891
<u>CORN FOR GRAIN</u>						
1990	1,210	620	98.0	60,760	2.44	148,254
1991	1,230	660	98.0	64,680	2.70	174,636
1992	1,150	550	92.0	50,600	2.30	116,380
1993	1,100	540	105.0	56,700	2.85	161,595
1994	1,110	570	116.0	66,120	2.65	181,366
1995	1,130	620	105.0	65,100	3.85	246,593
1996	1,150	630	103.0	64,890	2.98	193,372
1997	1,170	600	110.0	66,000	2.62	172,920
1998	1,130	580	114.0	66,120	2.21	146,125
1999	1,150	590	101.0	59,590	2.15	128,119
<u>CORN SILAGE</u>						
			<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	
1990	-	580	15.0	8,700	24.90	216,630
1991	-	550	14.0	7,700	23.80	183,260
1992	-	550	14.5	7,975	22.80	181,830
1993	-	550	14.2	7,810	24.10	188,221
1994	-	540	15.8	8,532	22.70	193,676
1995	-	505	14.0	7,070	24.50	173,215
1996	-	510	15.5	7,905	25.80	203,949
1997	-	560	15.0	8,400	34.40	288,960
1998	-	550	16.0	8,800	25.30	222,640
1999	-	560	16.0	8,960	25.90	232,064
<u>DRY BEANS 2/</u>						
			<u>Lbs.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	
1990	41	39.5	1,700	672	16.00	10,752
1991	36	35.0	1,380	483	19.00	9,177
1992	35	29.0	1,050	305	23.40	7,137
1993	37	34.0	1,350	459	19.40	8,905
1994	39	38.5	1,520	585	20.30	11,876
1995	34	33.0	1,630	538	18.10	9,738
1996	30	29.0	1,300	377	27.00	10,179
1997	44	43.5	1,560	679	20.60	13,987
1998	31	30.0	1,420	426	25.30	10,778
1999	31	30.2	1,370	414	19.90	8,239

1/ Complete utilization of corn acreage planted is shown on page 22. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

2/ Production by major varieties is shown on page 21.

Table 10. FIELD CROPS: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>1,000 acres</u>	<u>1,000 acres</u>	<u>Tons</u>	<u>1,000 tons</u>	<u>Dollars per ton</u>	<u>1,000 dollars</u>
<u>ALFALFA HAY</u>						
1990	-	860	2.55	2,193	85.50	187,502
1991	-	760	2.50	1,900	84.50	160,550
1992	-	800	2.35	1,880	95.50	179,540
1993	-	700	2.45	1,715	97.00	166,355
1994	-	620	2.95	1,829	93.00	170,097
1995	-	650	2.60	1,690	94.00	158,860
1996	-	640	2.70	1,728	99.50	171,936
1997	-	640	2.60	1,664	110.00	183,040
1998	-	600	2.45	1,470	105.00	154,350
1999	-	550	2.30	1,265	120.00	151,800
<u>OTHER HAY</u>						
1990	-	1,120	1.95	2,184	64.50	140,868
1991	-	1,190	1.85	2,202	72.00	158,544
1992	-	900	1.90	1,710	76.50	130,815
1993	-	1,050	1.80	1,890	74.50	140,805
1994	-	1,040	2.05	2,132	75.00	159,900
1995	-	950	1.85	1,758	72.00	126,576
1996	-	870	2.00	1,740	74.50	129,630
1997	-	890	2.00	1,780	80.50	143,290
1998	-	800	2.05	1,640	82.00	134,480
1999	-	950	1.80	1,710	89.50	153,045
<u>ALL HAY 1/</u>						
1990	-	1,980	2.21	4,377	77.00	328,370
1991	-	1,950	2.10	4,102	77.50	319,094
1992	-	1,700	2.11	3,590	88.00	310,355
1993	-	1,750	2.06	3,605	90.50	307,160
1994	-	1,660	2.39	3,961	84.50	329,997
1995	-	1,600	2.16	3,448	85.50	285,436
1996	-	1,510	2.30	3,468	87.00	301,566
1997	-	1,530	2.25	3,444	94.00	326,330
1998	-	1,400	2.22	3,110	93.00	288,830
1999	-	1,500	1.98	2,975	107.00	304,845

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

Table 11. POTATOES: Acreage, Yield, Production, and Disposition,
Sales, and Value, 1990-1999

Crop Year	Planted	Harvested	Yield per acre	Production	Used on farms where grown <u>1/</u>	Sold	Marketing year average price	Value	
								Production	Sales
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	----- <u>1,000 cwt.</u> -----		<u>Dollars per cwt.</u>		<u>1,000 dollars</u>	
1990	29,000	28,500	277	7,890	430	7,460	7.40	58,386	55,204
1991	29,600	29,500	234	6,917	542	6,375	8.70	60,178	55,463
1992	28,200	27,000	289	7,808	1,043	6,765	6.65	51,923	44,987
1993	28,800	28,200	273	7,693	585	7,108	8.20	63,083	58,286
1994	29,100	28,600	273	7,805	548	7,257	9.75	76,190	70,814
1995	28,000	27,500	270	7,425	445	6,980	7.45	55,316	52,001
1996	27,000	26,500	280	7,420	468	6,952	7.30	54,166	50,750
1997	26,500	26,000	275	7,150	454	6,696	8.75	62,563	58,590
1998	27,600	27,000	270	7,290	440	6,850	9.35	68,162	64,048
1999	26,000	25,500	265	6,758	<u>2/</u>	<u>2/</u>	9.00	60,822	<u>2/</u>

1/ Includes feed and seed used on farms where produced and shrinkage during storage.2/ Available September 21, 2000.Table 12. POTATOES: Stocks Held by Growers and Local Dealers,
1990-1999 1/

Crop Year	December 1	January 1	February 1	March 1	April 1
	<u>1,000 cwt.</u>				
1990	3,150	2,210	1,220	<u>2/</u>	<u>2/</u>
1991	3,050	2,450	1,700	<u>2/</u>	<u>2/</u>
1992	3,000	3,100	2,240	<u>2/</u>	<u>2/</u>
1993	3,650	2,000	1,200	<u>2/</u>	<u>2/</u>
1994	4,200	3,000	1,800	<u>2/</u>	<u>2/</u>
1995	3,400	2,500	1,500	900	400
1996	3,700	2,400	1,400	800	350
1997	3,600	2,500	1,500	800	400
1998	3,400	2,300	1,500	900	350
1999	3,700	2,600	1,500	800	350

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

Table 13. DRY BEANS: Acreage, Yield, Production, and Off-Farm Stocks, by Class, 1990-1999

Crop Year	Acres		Yield per acre	Production	Off-Farm Stocks		
	Planted	Harvested			Jan. 1	Apr. 1	Sept. 1
	<u>1,000 acres</u>		<u>Cwt.</u>	<u>1,000 cwt.</u>		<u>1,000 cwt.</u>	
<u>RED KIDNEY</u>							
<u>Light</u>							
1990	21.0	20.0	16.8	336	152	67	6
1991	20.0	19.5	13.6	266	151	102	1/
1992	19.5	16.0	9.7	155	99	63	1/
1993	20.0	18.0	12.8	230	142	63	1/
1994	21.0	20.5	14.8	303	138	81	1/
1995	19.0	18.0	16.2	292	125	72	1/
1996	16.5	16.0	12.7	203	113	78	1/
1997	25.0	24.5	15.8	387	80	60	1/
1998	16.0	15.5	13.5	209	113	56	12
1999	17.7	17.5	12.9	225	181	115	2/
<u>Dark</u>							
1990	5.5	5.4	16.9	91	3	1	-
1991	4.5	4.3	15.3	66	8	6	1/
1992	3.5	2.6	10.8	28	1	1/	-
1993	5.0	4.8	12.5	60	1	-	-
1994	5.0	5.0	14.6	73	-	-	-
1995	4.0	4.0	16.0	64	-	-	1/
1996	3.5	3.0	12.7	38	1/	1/	1/
1997	2.0	2.0	16.5	33	1/	1/	1/
1998	2.0	2.0	16.0	32	1/	1/	1/
1999	2.0	2.0	13.5	27	1/	1/	2/
<u>BLACK</u>							
1990	10.0	9.8	17.6	172	51	22	4
1991	8.0	7.8	12.7	99	65	60	1/
1992	8.5	7.2	12.5	90	52	36	11
1993	8.0	7.5	16.0	120	92	37	12
1994	9.0	9.0	16.2	146	90	45	12
1995	8.0	8.0	16.9	135	93	58	15
1996	7.0	7.0	14.3	100	63	49	14
1997	13.0	13.0	15.3	199	58	35	11
1998	10.5	10.0	14.7	147	82	52	13
1999	9.5	9.0	15.7	141	152	108	2/
<u>OTHER CLASSES</u>							
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	1/	1/
1993	4.0	3.7	13.2	49	16	2	1/
1994	4.0	4.0	15.8	63	23	12	1/
1995	3.0	3.0	15.7	47	35	12	5
1996	3.0	3.0	12.0	36	1/	1/	7
1997	4.0	4.0	15.0	60	1/	1/	16
1998	2.5	2.5	15.2	38	1/	1/	1/
1999	1.8	1.7	12.4	21	1/	1/	2/
<u>ALL CLASSES</u>							
1990	41.0	39.5	17.0	672	223	102	16
1991	36.0	35.0	13.8	483	244	183	82
1992	35.0	29.0	10.5	305	169	106	36
1993	37.0	34.0	13.5	459	251	102	25
1994	39.0	38.5	15.2	585	251	138	24
1995	34.0	33.0	16.3	538	253	142	26
1996	30.0	29.0	13.0	377	211	146	26
1997	44.0	43.5	15.6	679	159	127	34
1998	31.0	30.0	14.2	426	210	130	32
1999	31.0	30.2	13.7	414	371	239	2/

1/ Included in total to avoid disclosure of individual operations.

2/ Available September 2000.

Table 14. CORN: Acreage Utilization, 1990-1999

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
		<u>1,000 acres</u>					
1990	1,210	620	380	180	60	580	10
1991	1,230	660	430	175	55	550	20
1992	1,150	550	400	120	30	550	50
1993	1,100	540	390	120	30	550	10
1994	1,110	570	420	120	30	540	0
1995	1,130	620	460	130	30	505	5
1996	1,150	630	435	175	20	510	10
1997	1,170	600	450	120	30	560	10
1998	1,130	580	435	115	30	550	0
1999	1,150	590	460	105	25	560	0

Table 15. HAY: Stocks on Farms, 1990-1999

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1	
		Stocks	Percent of production	Stocks	Percent of production
	<u>1,000 tons</u>	<u>1,000 tons</u>	<u>Percent</u>	<u>1,000 tons</u>	<u>Percent</u>
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	555	16
1997	3,444	1,998	58	344	10
1998	3,110	1,990	64	435	14
1999	2,975	1,900	64	385	13

NEW YORK FEED GRAIN DEFICIT IN 1999

New York feed grain production (corn, oats, barley) in 1999 fell 10 percent from a year earlier. The quantity of grain fed declined 1 percent in the same period. The number of grain consuming animal units decreased slightly, while the quantity of grain fed per animal remained the same. Last summer's drought, which reduced grain yields across the State, was the primary reason for the sizeable increase in the feed grain deficit from 1998.

Although the feed grain deficit in recent years has been lower than in the 1970's and 1980's, feed grain is brought into New York annually to meet the feeding requirements of the State's dairy, livestock, and poultry industry. Feed grain produced in New York during 1999 met 83 percent of the State's feeding requirements. In 1998 it met 93 percent of the State's feeding requirements.

Table 16. FEED GRAIN: Production and Quantities Fed, 1990-1999

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
	<u>1,000 tons</u>		
1990	1,844	2,207	363
1991	1,903	2,239	336
1992	1,553	2,271	718
1993	1,707	2,191	484
1994	1,977	2,113	136
1995	1,923	2,134	211
1996	1,895	2,111	216
1997	1,959	2,048	89
1998	1,974	2,130	156
1999	1,768	2,118	350

VEGETABLES

The value of New York's 1999 vegetable production totaled \$245 million, 3 percent lower than the \$253 million value of the 1998 vegetable crop. The value of the Empire State's principle fresh market vegetables at \$199 million is down 2 percent from 1998, while the value of the principle processing vegetables at \$45.3 million decreased 9 percent from last year.

The year-end estimate of production for the principle New York vegetable crops grown for fresh market in 1999 is 13.6 million hundredweight (cwt.). This is an increase of 4 percent from the 13.1 million cwt. produced in 1998 and 5 percent higher than the 12.9 million cwt. produced in 1997.

New York's fresh market CABBAGE production for 1999, estimated at 4.96 million cwt., is up 8 percent from 1998's production of 4.60 million cwt. New York ranked first in the nation for the production of fresh market cabbage in 1999.

New York's fresh market SWEET CORN set record highs this year for production and value. Sweet corn production for 1999 climbed to a new high of 3.20 million cwt. Value topped out at \$52.2 million. A 17 percent increase in planted acreage from 1998 helped push numbers up, despite the adverse effects of the dry growing season.

Fresh market SNAP BEAN production for 1999 is estimated at 372,000 cwt. and is up 13 percent from last year's crop of 329,000 cwt. This year's snap bean crop value of \$19.8 million also set a record high, due to increased planted acreage and high prices.

All ONION production in New York is estimated at 3.53 million cwt. for 1999. This is a decrease of 6 percent from the 3.75 million cwt. produced in 1998 and 4 percent below 1997.

The 1999 production estimate for New York's principle processing VEGETABLE CROPS is 420,800 tons, 8 percent lower than the 459,800 tons produced in 1998.

The state's production of SNAP BEANS for processing during 1999 is estimated at 72,550 tons, 6 percent lower than the 76,990 tons produced in 1998. Production of SWEET CORN for processing is estimated at 179,390 tons, 18 percent below the 219,660 tons produced in 1998. GREEN PEA processing production in 1999 is estimated at 31,730 tons, 18 percent less than 1998 production levels.

Production of CABBAGE for kraut at 68,180 tons is 10 percent higher than the 61,800 tons produced in 1998. New York ranked second in the nation in the production of cabbage for kraut in 1999.

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

Year	Planted	Harvested	Production	Value
	<u>1,000 acres</u>		<u>1,000 cwt.</u>	<u>Million dol.</u>
1990	72.9	68.9	15,405	163.9
1991	72.6	68.4	13,586	197.8
1992	72.5	63.8	12,080	157.0
1993	65.4	61.3	12,842	183.8
1994	67.5	63.5	13,824	168.4
1995	72.8	68.4	13,404	176.9
1996	65.1	61.1	10,019	108.7
1997	67.7	64.3	12,893	172.1
1998	71.6	68.7	13,115	202.8
1999	77.3	73.6	13,563	199.4

^{1/} Includes processing totals for dual usage crops (carrots 1990-1992; cauliflower 1990-1999).

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

Year	Planted	Harvested	Production	Value
	<u>1,000 acres</u>		<u>1,000 tons</u>	<u>Million dol.</u>
1990	75.0	68.7	385.2	36.4
1991	74.4	71.1	310.7	33.0
1992	70.1	63.2	316.6	29.6
1993	72.6	67.2	431.4	41.4
1994	67.0	63.6	422.7	38.0
1995	89.4	86.4	452.6	45.3
1996	86.9	84.2	432.7	44.5
1997	90.1	87.6	510.4	43.3
1998	90.2	84.9	459.8	49.8
1999	77.5	75.7	420.8	45.3

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

Table 19. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1990-1999

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
<u>CARROTS</u> ^{1/}						
1990	1,300	1,200	365	438	8.55	3,745
1991	1,300	1,200	430	516	14.60	7,558
1992	1,500	1,300	390	507	15.40	7,807
1993	880	680	335	228	16.00	3,648
1994	700	700	395	277	16.00	4,432
1995	750	750	320	240	14.00	3,360
1996	600	600	220	132	15.00	1,980
1997	650	600	280	168	16.00	2,688
1998	500	500	300	150	16.00	2,400
1999	750	750	300	225	24.20	5,445
<u>CAULIFLOWER</u> ^{1/}						
1990	2,000	1,800	120	216	26.90	5,811
1991	1,700	1,400	146	204	26.90	5,477
1992	1,700	1,300	118	154	36.00	5,545
1993	1,500	1,200	150	180	42.00	7,560
1994	1,500	1,300	135	176	40.80	7,181
1995	1,300	1,200	155	186	25.80	4,799
1996	1,100	1,000	140	140	33.30	4,662
1997	1,100	1,000	200	200	34.80	6,960
1998	1,400	1,400	195	273	35.30	9,637
1999	1,300	1,100	150	165	38.30	6,320
<u>CUCUMBERS</u>						
1990	3,300	3,200	134	429	12.10	5,191
1991	3,400	3,300	145	479	16.60	7,951
1992	3,600	3,400	140	476	18.70	8,901
1993	3,900	3,800	145	551	12.10	6,667
1994	3,300	3,300	130	429	14.70	6,306
1995	3,500	3,400	130	442	15.10	6,674
1996	4,100	3,900	100	390	17.30	6,747
1997	3,100	3,000	200	600	21.40	12,840
1998	3,800	3,800	200	760	19.30	14,668
1999	3,600	3,600	180	648	26.00	16,848
<u>LETTUCE</u>						
1990	3,000	2,600	200	520	15.60	8,112
1991	3,000	2,600	190	494	14.10	6,965
1992	2,600	1,900	160	304	25.60	7,782
1993	1,300	1,100	230	253	15.70	3,972
1994	1,100	1,000	245	245	15.90	3,896
1995	1,000	900	150	135	15.50	2,093
1996	900	800	100	80	13.00	1,040
1997	800	700	280	196	15.00	2,940
1998	700	600	275	165	20.00	3,300
1999	600	500	210	105	31.80	3,339

^{1/} Includes quantities used for processing, carrots 1990-1992, cauliflower 1990-1999.

Table 19. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dollars</u>
<u>SNAP BEANS</u>						
1990	4,300	4,000	65	260	31.30	8,138
1991	4,800	4,600	70	322	31.10	10,014
1992	4,200	3,700	40	148	29.50	4,366
1993	4,200	4,100	75	308	28.70	8,840
1994	5,200	4,600	105	483	28.10	13,572
1995	5,100	4,100	55	226	38.50	8,701
1996	4,200	3,900	40	156	49.30	7,691
1997	5,300	5,100	62	316	54.80	17,317
1998	5,400	5,300	62	329	50.60	16,647
1999	6,300	6,100	61	372	53.30	19,828
<u>SWEET CORN</u>						
1990	27,600	26,500	80	2,120	11.50	24,380
1991	28,600	26,500	75	1,988	14.20	28,230
1992	29,400	25,400	65	1,651	11.90	19,647
1993	25,000	23,000	85	1,955	11.90	23,265
1994	27,000	25,700	100	2,570	12.70	32,639
1995	32,800	30,500	85	2,593	18.90	49,008
1996	28,800	27,100	75	2,033	14.80	30,088
1997	29,200	27,300	73	1,993	14.90	29,696
1998	30,700	29,200	90	2,628	18.10	47,567
1999	35,900	33,700	95	3,202	16.30	52,193
<u>TOMATOES</u>						
1990	2,900	2,800	160	448	36.60	16,397
1991	2,800	2,700	140	378	38.60	14,591
1992	2,900	2,200	80	176	38.90	6,846
1993	2,500	2,300	120	276	36.00	9,936
1994	2,700	2,500	160	400	36.90	14,760
1995	2,600	2,400	125	300	24.60	7,380
1996	2,100	1,900	80	152	22.10	3,359
1997	3,400	3,200	120	384	29.10	11,174
1998	3,400	3,300	140	462	29.00	13,398
1999	3,400	3,100	115	357	34.50	12,317

Table 20. CABBAGE FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1990-1999

Crop Year	Planted	Harvested	Yield per acre	Production	Sales <u>1/</u>	Marketing year average price	Value of Sales	January 1 Stocks
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dol.</u>	<u>1,000 cwt.</u>
1990	15,200	14,200	439	6,230	5,159	7.99	41,215	1,760
1991	14,300	13,900	395	5,490	4,730	12.00	56,762	1,060
1992	13,500	12,100	342	4,137	3,600	7.96	28,647	1,010
1993	13,600	13,100	410	5,371	5,054	8.91	45,031	1,250
1994	12,800	12,000	450	5,400	4,855	8.48	41,170	1,320
1995	12,900	12,500	420	5,250	4,935	8.90	43,922	1,390
1996	11,000	10,500	400	4,200	3,746	8.08	30,268	1,263
1997	11,600	11,200	480	5,376	4,785	9.70	46,415	1,725
1998	12,600	12,100	380	4,598	4,194	10.30	43,198	1,613
1999	12,400	12,100	410	4,961	4,498	9.20	41,382	1,836

1/ Excludes quantities lost from shrinkage and waste.

Table 21. ONIONS FOR FRESH MARKET: Acres, Yield, Production, and Value, 1990-1999

Crop Year	Planted	Harvested	Yield per acre	Production	Sales <u>1/</u>	Marketing year average price	Value of Sales
	<u>Acres</u>	<u>Acres</u>	<u>Cwt.</u>	<u>1,000 cwt.</u>	<u>1,000 cwt.</u>	<u>Dollars per cwt.</u>	<u>1,000 dol.</u>
1990	12,900	12,200	380	4,636	3,565	13.90	49,421
1991	12,300	11,800	300	3,540	3,263	17.60	57,282
1992	12,800	12,200	360	4,392	3,628	17.10	61,990
1993	12,500	12,000	310	3,720	3,497	21.40	74,834
1994	13,200	12,400	310	3,844	3,422	13.00	44,486
1995	12,800	12,600	320	4,032	3,690	13.80	50,922
1996	12,300	11,400	240	2,736	2,345	9.80	22,911
1997	12,500	12,200	300	3,660	3,309	12.70	42,024
1998	13,100	12,500	300	3,750	3,187	16.30	51,948
1999	13,000	12,600	280	3,528	3,112	13.40	41,701

1/ Excludes quantities lost from shrinkage and waste.

Table 22. ONIONS: Acres, Yield, and Production, by Area, 1990-1999

Year	Orange County	Orleans-Genesee <u>1/</u>	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
<u>HARVESTED ACRES</u>							
1990	6,000	2,450	2,000	450	900	400	12,200
1991	5,400	2,700	1,900	550	850	400	11,800
1992	5,500	2,500	2,000	800	1,100	300	12,200
1993	5,200	2,700	1,900	600	1,200	400	12,000
1994	5,600	2,600	1,900	700	1,300	300	12,400
1995	5,700	2,700	1,800	800	1,300	300	12,600
1996	5,400	2,400	1,900	500	900	300	11,400
1997	5,800	2,500	2,200	400	1,000	300	12,200
1998	4,700	3,400	2,800	200	1,100	300	12,500
1999	4,800	3,400	2,800	200	1,100	300	12,600
<u>YIELD PER ACRE - Cwt.</u>							
1990	390	380	380	280	400	300	380
1991	310	225	380	200	350	320	300
1992	380	390	330	230	360	290	360
1993	300	300	360	250	350	240	310
1994	390	310	370	280	320	330	310
1995	330	320	350	200	320	270	320
1996	190	280	290	290	310	240	240
1997	270	280	390	250	350	290	300
1998	200	370	370	280	360	210	300
1999	180	340	310	240	440	360	280
<u>PRODUCTION - 1,000 Cwt.</u>							
1990	2,340	930	760	126	360	120	4,636
1991	1,674	608	722	110	298	128	3,540
1992	2,090	975	660	184	396	87	4,392
1993	1,560	810	684	150	420	96	3,720
1994	1,624	806	703	196	416	99	3,844
1995	1,881	864	630	160	416	81	4,032
1996	1,017	672	551	145	279	72	2,736
1997	1,566	700	858	100	350	86	3,660
1998	940	1,258	1,036	56	397	63	3,750
1999	864	1,156	868	48	484	108	3,528

1/ Includes small acreages in Livingston and Niagara Counties.

Table 23. VEGETABLES FOR PROCESSING: Acres, Yield, Production, and Value, 1990-1999

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
<u>BEETS</u>						
1990	2,300	2,200	16.67	36,674	60.50	2,219
1991	2,300	1,900	15.38	29,222	56.20	1,642
1992	2,000	1,900	15.25	28,980	61.60	1,785
1993	2,600	2,600	14.70	38,220	69.80	2,668
1994	2,900	2,900	15.40	44,660	58.90	2,630
1995	3,900	3,900	11.00	42,900	59.40	2,548
1996	4,200	4,200	9.90	41,580	75.20	3,127
1997	2,700	2,700	15.00	40,500	64.70	2,620
1998	2,300	2,300	12.00	27,600	78.50	2,167
1999	2,500	2,500	15.37	38,430	79.00	3,036
<u>CABBAGE FOR KRAUT</u>						
1990	2,100	2,000	27.00	54,000	40.80	2,203
1991	2,400	2,400	23.33	56,000	38.00	2,128
1992	1,500	1,400	25.00	35,000	39.00	1,365
1993	2,100	2,000	36.50	73,000	49.00	3,577
1994	2,100	2,100	29.00	60,900	40.00	2,436
1995	3,000	3,000	17.00	51,000	39.80	2,030
1996	3,000	3,000	15.50	46,500	40.20	1,869
1997	2,300	2,300	30.10	69,230	46.30	3,205
1998	3,000	3,000	20.60	61,800	46.40	2,868
1999	2,400	2,400	28.41	68,180	49.00	3,341
<u>GREEN PEAS</u>						
1990	10,500	10,000	1.76	17,600	292.00	5,139
1991	11,500	11,300	1.30	14,690	340.00	4,995
1992	12,800	10,400	2.12	22,050	267.00	5,887
1993	13,200	11,900	1.86	22,130	251.00	5,555
1994	10,200	9,700	2.54	24,640	286.00	7,047
1995	18,400	18,200	1.66	30,210	316.00	9,546
1996	15,100	14,400	1.92	27,650	306.00	8,461
1997	18,900	18,200	2.21	40,220	210.00	8,446
1998	19,600	17,500	2.20	38,500	330.00	12,705
1999	15,500	14,900	2.13	31,730	314.00	9,963
<u>SNAP BEANS</u>						
1990	24,400	22,600	3.10	70,060	184.00	12,891
1991	23,800	23,400	3.15	73,710	190.00	14,005
1992	18,700	17,600	2.45	43,120	178.00	7,675
1993	18,300	16,900	3.20	54,080	199.00	10,762
1994	18,000	17,300	3.52	60,900	171.00	10,414
1995	22,300	21,400	3.59	76,830	165.00	12,677
1996	21,100	20,200	3.50	70,700	186.00	13,150
1997	23,500	22,800	3.40	77,520	148.00	11,473
1998	21,200	20,800	3.70	76,990	176.00	13,563
1999	21,500	21,200	3.42	72,550	190.00	13,808

Table 23. VEGETABLES FOR PROCESSING: Acres, Yield, Production, and Value, 1990-1999 (Continued)

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>1,000 dollars</i>
<u>SWEET CORN</u>						
1990	33,300	29,700	5.60	166,320	59.70	9,929
1991	33,200	31,100	3.80	118,180	70.20	8,296
1992	33,900	30,800	5.50	169,400	65.20	11,045
1993	33,400	30,800	6.90	212,520	76.60	16,279
1994	32,500	30,300	6.80	206,040	65.40	13,475
1995	40,300	38,500	5.80	223,300	73.60	16,435
1996	41,900	40,900	5.50	224,950	72.30	16,264
1997	40,400	39,300	6.40	251,520	60.10	15,116
1998	42,000	39,200	5.60	219,520	70.60	15,498
1999	33,100	32,500	5.52	179,390	70.60	12,664
<u>CARROTS</u>						
1993	620	620	22.58	14,000	52.00	728
1994	700	700	20.14	14,100	59.50	839
1995	850	830	20.00	16,600	54.30	901
1996	1,100	1,100	14.00	15,400	60.70	935
1997	1,500	1,500	17.00	25,500	61.30	1,563
1998	1,200	1,200	23.00	27,600	63.90	1,764
1999	1,400	1,200	21.28	25,530	66.50	1,699



FRUITS AND BERRIES

The value of New York's 1999 tree fruit and grape production totaled \$226 million, up 32 percent from the 1998 value. The value of utilized production was above the previous year for all fruits.

The 1999 APPLE crop in New York was up 18 percent to 1,260 million pounds. McIntosh was the leading variety produced in the State, accounting for 19 percent of the total production. Following McIntosh were Empire, Rome, Red Delicious, and Idareds. This year's value of utilized apple production, based on packinghouse door equivalent returns, totaled \$140 million. New York ranks second in apple production behind Washington.

GRAPE production in New York increased 60 percent from 1998 to 205,000 tons. Fresh grapes totaled 2,000 tons while 202,000 tons were crushed by wineries and processors. Grapes utilized for juice accounted for 75 percent of the total grapes processed with the remaining 25 percent going for wine.

The value of the 1999 grape crop is estimated at \$59.2 million, 50 percent above the 1998 crop value. New York ranked third in grape production behind California and Washington.

New York's TART CHERRY crop is estimated at 17.0 million pounds, up 21 percent from the 1998 crop of 14.0 million pounds. The value of utilized production is estimated at \$2.67 million. New York ranked second nationally in tart cherry production behind Michigan.

New York SWEET CHERRY production, at 1,050 tons, is up 50 percent from the 700 tons produced in 1998. The 1999 crop is valued at \$1.49 million compared to \$1.35 million a year ago.

PEACH production for the Empire State is placed at 14.0 million pounds, up 40 percent from the 1998 level. The value of the 1999 crop, at \$5.45 million, is up 54 percent from 1998.

Production of PEARS in New York is estimated at 12,500 tons, up 9 percent from the 1998 output of 11,500 tons. The 1999 crop is valued at \$4.39 million, up 17 percent from 1998. New York ranks fourth nationally in pear production.

STRAWBERRY production, at 7.8 million pounds, was up 28 percent from the 6.1 million pounds produced in 1998. The 1999 crop is valued at \$8.27 million compared with \$7.02 million a year ago. New York ranks seventh in strawberry production.

Cultivated BLUEBERRY production for 1999 was estimated at 1.9 million pounds. Utilized production totaled 1.6 million pounds with a total value of production of \$1.73 million. New York ranks eighth nationally in blueberry production.

Table 24. FRUIT: Production and Value of Major Fruits, 1990-1999 ^{1/}

Year	Utilized Production	Value
	<u>Tons</u>	<u>1,000 dollars</u>
1990	675,700	192,849
1991	759,500	213,044
1992	793,460	176,006
1993	589,440	158,723
1994	777,620	191,833
1995	756,070	191,977
1996	732,200	210,319
1997	722,720	203,840
1998	630,300	170,648
1999	850,950	225,659

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

Table 25. APPLES: Bearing Acres, Production, and Value, 1990-1999

Crop Year	Acres of bearing age	Production		Value	
		Total	Utilized production	Marketing year average price <u>1/</u>	Value of utilized production
	<u>Thousands</u>	<u>Million pounds</u>		<u>Cents per lb.</u>	<u>1,000 dollars</u>
1990	56.0	990	990	12.90	127,810
1991	55.0	1,050	1,050	12.70	132,930
1992	56.0	1,170	1,170	9.90	116,090
1993	56.0	870	870	11.60	101,090
1994	57.0	1,100	1,100	11.80	129,680
1995	57.5	1,110	1,110	12.10	134,490
1996	57.5	1,030	1,030	13.50	138,850
1997	55.0	1,120	1,120	12.60	141,320
1998	55.0	1,070	960	11.40	109,560
1999	55.0	1,260	1,230	11.40	140,230

1/ Packinghouse door equivalent.Table 26. APPLES: Utilization and Price, 1990-1999 1/

Crop Year	Fresh Use		Processed			
	Quantity	Marketing year average price	Total	Marketing year average price <u>1/</u>	Canned	Marketing year average price
	<u>Million lbs.</u>	<u>Cents per lb.</u>	<u>Million lbs.</u>	<u>\$ per ton</u>	<u>Million lbs.</u>	<u>\$ per ton</u>
1990	520	17.8	470	150	256	160
1991	420	20.1	630	153	283	168
1992	520	14.2	650	129	310	146
1993	400	17.4	470	133	218	150
1994	490	18.0	610	135	283	148
1995	480	18.7	630	141	271	156
1996	500	17.7	530	190	300	212
1997	520	17.6	600	166	335	186
1998	420	15.8	540	160	292	192
1999	590	16.5	640	134	310	164

Crop Year	Processed					
	Juice and Cider	Marketing year average price	Frozen	Marketing year average price	Other <u>2/</u>	Marketing year average price
	<u>Million lbs.</u>	<u>\$ per ton</u>	<u>Million lbs.</u>	<u>\$ per ton</u>	<u>Million lbs.</u>	<u>\$ per ton</u>
1990	135	114	58	184	21	158
1991	270	134	54	162	23	170
1992	250	98	62	160	28	146
1993	155	92	63	164	34	152
1994	195	100	67	164	65	156
1995	280	122	59	168	20	180
1996	182	146	35	226	13	188
1997	160	106	88	202	17	144
1998	170	92	68	200	10	129
1999	266	90	45	168	19	164

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

Table 27. APPLES: Total Production, by Variety, 1990-1999

Variety	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Million pounds</i>										
Cortland	65	80	80	60	80	80	75	80	75	80
Crispin (Mutsu)	15	20	15	10	20	25	30	40	45	65
Delicious	110	120	140	85	115	115	115	120	95	115
Empire	55	55	65	65	80	95	110	130	100	150
Golden Delicious	55	50	55	40	50	40	40	40	55	60
Gala <u>2/</u>									5	5
Gingergold <u>2/</u>									5	5
Idared	85	80	90	75	85	80	70	80	95	115
Jerseymac <u>1/</u>						10	10	10	5	5
Jonagold <u>1/</u>						15	20	25	20	30
Jonamac <u>1/</u>						15	15	20	20	30
Macoun <u>1/</u>						10	15	15	10	15
McIntosh	190	240	280	175	250	235	220	215	230	240
Northern Spy	15	20	20	25	20	15	10	15	10	15
Paula Red <u>1/</u>						15	10	15	15	15
R.I. Greening	95	125	135	110	115	105	90	75	75	75
Rome	155	130	145	110	150	155	120	155	135	135
Spartan <u>1/</u>						15	10	20	20	25
Twenty Ounce	45	40	40	40	40	35	25	25	25	20
Other	105	90	105	75	95	50	45	40	30	60
All Varieties	990	1,050	1,170	870	1,100	1,110	1,030	1,120	1,070	1,260
<i>Thousand bushels (42 pounds per bushel)</i>										
All Varieties	23,571	25,000	27,857	20,714	26,190	26,429	24,524	26,667	25,476	30,000

1/ Estimates began in 1995.2/ Estimates began in 1998.Table 28. APPLES: Receipts and Utilization at New York
Processing Plants and Cider Mills, 1990-1999

Crop Year	Total received <u>1/</u>	Receipts from other states <u>2/</u>	Used for canning and applesauce	Used for juice and cider	Used for freezing	Other products <u>3/</u>	Cider and juice made <u>4/</u>
<i>Million pounds</i>						<i>Thous. gal.</i>	
1990	436.7	55.9	220.2	144.2	51.6	20.7	13,864
1991	645.7	86.0	274.2	294.5	53.4	23.6	26,298
1992	634.3	54.0	297.1	246.4	62.4	28.4	24,640
1993	489.1	56.7	214.2	184.6	69.2	21.2	15,510
1994	530.8	40.3	238.2	198.1	70.1	24.4	17,534
1995	624.7	68.1	258.8	281.1	64.2	20.6	23,170
1996	464.3	49.5	235.9	184.2	34.3	9.9	17,595
1997	505.6	54.0	257.0	152.9	84.4	11.3	20,150
1998	471.8	34.0	241.8	144.8	78.1	7.1	17,379
1999	574.7	50.0	261.9	244.4	50.2	18.2	<u>5/</u>

1/ Excludes New York grown apples processed in other states.2/ Included in preceding column.3/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, and dried.4/ Unconcentrated.5/ Not published to avoid disclosure of individual operations.

Table 29. APPLES: Processing Plants in Operation and Establishments
Making Specified Products, 1990-1999

Crop Year	Plants in operation	Plants Making		
		Juice and Cider	Canned apple products <u>1/</u>	Frozen apple products
1990	73	67	5	4
1991	75	68	5	5
1992	77	71	5	4
1993	81	74	5	7
1994	62	53	5	5
1995	58	52	5	5
1996	66	60	6	3
1997	110	101	6	4
1998	101	95	6	4
1999	96	87	5	4

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

Table 30. APPLES: Holdings in Cold Storage, New York, End of Month, 1990-1999

Month	Total Holdings <u>1/</u>									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>1,000 bushels</i>									
September	3,569	4,962	2,677	2,286	3,163	3,731	3,319	3,715	4,425	3,946
October	8,572	8,722	9,115	8,321	8,380	8,139	7,891	8,874	8,427	9,054
November	7,874	7,921	9,199	7,420	8,347	7,861	8,135	9,279	7,620	8,405
December	6,539	6,910	8,170	6,463	7,321	7,019	7,021	8,429	6,696	7,975
January	5,550	5,435	7,140	5,365	5,959	5,789	5,641	7,302	6,160	6,964
February	4,021	4,051	5,737	4,214	4,773	4,338	4,759	6,056	4,653	5,815
March	2,737	2,689	3,859	2,938	3,108	3,176	3,449	4,752	3,344	4,380
April	1,450	1,480	2,662	2,010	1,887	1,915	1,941	3,182	1,932	3,184
May	625	605	1,468	1,116	840	1,037	1,016	2,150	1,000	2,039
June	240	161	535	421	286	415	440	1,286	523	
July	106	61	252	<u>2/</u>	68	243	201	751	269	
August	117	66	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	433	83	
Month	Controlled Atmosphere Holdings <u>1/</u>									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<i>1,000 bushels</i>									
September	1,765	2,603	1,178	1,256	1,804	2,337	2,011	2,294	2,100	2,102
October	4,907	4,903	5,657	5,705	5,070	5,209	5,060	5,115	4,758	5,451
November	4,991	5,071	5,756	5,476	5,487	5,344	5,454	6,164	4,806	5,714
December	4,788	5,041	5,793	5,107	5,290	5,304	5,311	6,197	4,773	5,954
January	4,465	4,338	5,579	4,542	4,547	4,665	4,530	5,720	4,731	5,507
February	3,408	3,464	4,784	3,765	3,808	3,620	3,989	4,923	3,888	4,680
March	2,404	2,370	3,468	2,720	2,606	2,780	2,976	3,990	2,968	3,669
April	1,327	1,301	2,508	1,889	1,680	1,765	1,759	2,730	1,762	2,749

1/ Crop harvested in year indicated.

2/ Not published to avoid disclosure of individual operations.

Table 31. TART CHERRIES: Bearing Acres, Production, Utilization, and Value, 1990-1999

Crop year	Acres of bearing age	Production				Fresh Use		Processed	
		Total	Utilized ^{1/}	Marketing year average price	Value of utilized production	Quantity	Marketing year average price	Total	Marketing year average price
	<u>Thous.</u>	<u>Million lbs.</u>		<u>Cents per lb.</u>	<u>1,000 dol.</u>	<u>Mil. lbs.</u>	<u>Cents per lb.</u>	<u>Mil. lbs.</u>	<u>Cents per lb.</u>
1990	4.7	16.5	13.3	20.8	2,765	0.3	55.0	13.0	20.0
1991	4.0	25.5	25.5	45.0	11,480	0.2	60.0	25.3	44.9
1992	4.0	31.0	22.1	18.2	4,015	0.1	55.0	22.0	18.0
1993	4.0	15.7	15.2	10.3	1,570	0.1	60.0	15.1	10.0
1994	4.0	26.0	23.7	12.4	2,934	0.1	55.0	23.6	12.2
1995	4.0	32.0	20.0	5.6	1,116	0.2	63.0	19.8	5.0
1996	3.5	19.0	14.2	14.4	2,042	0.2	76.0	14.0	13.5
1997	2.6	14.5	13.2	17.3	2,286	0.2	103.0	13.0	16.0
1998	2.6	14.0	12.2	18.0	2,200	0.2	98.0	12.0	16.7
1999	2.6	17.0	17.0	15.7	2,666	0.1	80.0	16.9	15.3

^{1/} Excludes mature fruit not harvested.

Table 32. SWEET CHERRIES: Bearing Acres, Production, and Value, 1990-1999

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<u>Thous.</u>	<u>Tons</u>		<u>\$ per ton</u>	<u>1,000 dol.</u>
1990	0.6	1,000	700	743	520
1991	0.5	1,250	1,200	901	1,081
1992	0.5	1,100	510	976	498
1993	0.45	700	700	850	595
1994	0.45	900	820	850	697
1995	0.45	1,100	1,000	960	960
1996	0.50	700	600	1,420	854
1997	0.75	650	620	1,720	1,069
1998	0.75	700	650	2,070	1,346
1999	0.75	1,050	1,000	1,490	1,494

^{1/} Excludes mature fruit not harvested.

Figure 2.

RELATIVE VALUE OF NEW YORK
FRUIT CROPS, 1999
(Million Dollars)

Table 33. PEACHES: Bearing Acres, Production, and Value, 1990-1999

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<u>Thous.</u>	<u>Million pounds</u>		<u>¢ per lb.</u>	<u>1,000 dol.</u>
1990	2.1	14.0	13.7	27.6	3,781
1991	1.9	15.0	13.5	27.4	3,702
1992	1.9	14.0	13.7	26.2	3,595
1993	1.6	9.0	9.0	29.6	2,660
1994	1.6	7.0	7.0	25.1	1,757
1995	1.6	11.5	11.0	20.7	2,280
1996	1.6	12.0	11.5	34.8	4,003
1997	1.6	12.0	11.5	46.1	5,296
1998	1.6	10.0	8.5	41.6	3,538
1999	1.6	14.0	12.0	45.5	5,454

^{1/} Excludes mature fruit not harvested.

Table 34. PEARS: Bearing Acres, Production, and Value, 1990-1999

Crop year	Acres of bearing age	Production		Marketing year avg. price	Value of utilized production
		Total	Utilized ^{1/}		
	<u>Thous.</u>	<u>Tons</u>		<u>\$ per ton</u>	<u>1,000 dol.</u>
1990	2.3	14,600	14,600	253	3,687
1991	2.3	14,500	14,500	275	3,981
1992	2.4	16,500	15,500	305	4,734
1993	2.4	15,000	14,500	261	3,781
1994	2.4	16,000	16,000	303	4,848
1995	2.5	14,500	14,500	372	5,392
1996	2.4	15,000	15,000	383	5,748
1997	2.0	8,000	8,000	384	3,070
1998	2.0	11,500	10,000	375	3,754
1999	2.0	12,500	11,300	388	4,390

^{1/} Excludes mature fruit not harvested.

Table 35. GRAPES: Bearing Acres, Production, Utilization, and Value, 1990-1999

Crop Year	Acres of bearing age	Production				Fresh Use	
		Total all varieties	Utilized all varieties ^{1/}	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>
1990	33.0	144,000	144,000	286	41,172	3,000	470
1991	32.5	192,000	192,000	254	48,789	3,000	450
1992	33.0	180,000	170,000	221	37,584	2,000	480
1993	32.5	118,000	118,000	222	26,165	3,000	480
1994	33.0	190,000	187,000	213	39,761	4,000	470
1995	33.0	165,000	163,000	228	37,218	4,000	480
1996	33.0	189,000	184,000	257	47,220	4,000	600
1997	31.5	139,000	137,000	292	40,024	3,000	790
1998	31.5	128,000	125,000	316	39,499	2,000	500
1999	31.5	205,000	204,000	290	59,174	2,000	600

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>
1990	141,000	282	54,700	263	86,300	294
1991	189,000	251	71,000	254	118,000	249
1992	168,000	218	58,000	244	110,000	205
1993	115,000	215	41,000	236	74,000	203
1994	183,000	207	82,000	217	101,000	198
1995	159,000	222	51,000	259	108,000	205
1996	180,000	249	58,000	282	122,000	234
1997	134,000	281	44,000	328	90,000	258
1998	123,000	313	36,000	392	87,000	281
1999	202,000	287	50,000	348	152,000	267

Table 36. GRAPES: Total Grapes Processed in New York Plants, 1990-1999 ^{1/}

Crop Year	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
	<i>Tons</i>				
1990	116,524	14,754	62,026	69,252	131,278
1991	148,320	14,871	79,611	83,580	163,191
1992	138,038	17,615	67,393	88,260	155,653
1993	83,205	9,944	43,799	49,350	93,149
1994	141,483	17,546	89,238	69,791	159,029
1995	126,469	15,925	56,217	86,177	142,394
1996	143,441	21,047	65,372	99,116	164,488
1997	110,098	17,973	46,532	81,539	128,071
1998	103,915	19,452	43,190	80,177	123,367
1999	165,578	27,052	61,118	131,513	192,630

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

Table 37. GRAPES: New York Grown Grapes Processed, by Variety, 1990-1999 1/

Variety	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<u>Tons</u>										
<u>American Varieties:</u>										
Catawba	9,855	13,252	10,124	6,636	10,116	8,700	7,900	7,335	6,090	9,600
Concord	97,551	134,357	123,919	82,914	136,000	111,000	139,000	96,600	89,400	154,500
Delaware	2,741	4,051	1,937	2,407	2,316	2,350	1,650	1,010	550	1,180
Ives <u>3/</u>								130	115	210
Elvira	3,662	4,501	3,606	3,533	4,826	4,600	5,100	4,110	3,080	4,540
Niagara	9,188	9,934	9,676	9,623	15,300	15,600	10,700	12,800	10,000	17,200
<u>French Hybrids:</u>										
Aurora	6,754	7,963	7,204	3,121	6,282	5,250	4,900	3,295	4,080	4,240
Baco Noir	1,141	1,695	1,449	824	923	1,300	1,200	670	890	730
Cayuga White	895	1,107	1,143	313	523	740	1,000	630	840	860
DeChaunac	2,010	2,611	1,385	1,363	1,126	1,450	910	575	710	940
Rougeon	783	1,046	587	414	735	800	720	585	420	660
Seyval Blanc	1,311	1,361	1,215	575	678	900	900	600	650	850
Vitis Vinifera, All	2,064	2,919	2,422	1,115	1,134	3,435	3,700	3,650	4,015	4,030
Other Varieties, All	2,584	3,653	2,969	1,939	2,743	2,625	2,200	2,010	2,160	2,460
TOTAL	141,000	189,000	168,000	115,000	183,000	159,000	180,000	134,000	123,000	202,000

1/ Includes New York grown grapes received at out-of-state plants.2/ Includes other American and French Hybrid varieties not shown.3/ Estimates began in 1997.Table 38. GRAPES: New York Grown Grapes Processed, by Area of Production, 1990-1999 1/

Crop Year	Chautauqua-Erie <u>2/</u>	Niagara County	Finger Lakes <u>3/</u>	Other <u>4/</u>	State Total
<u>Tons</u>					
1990	83,850	5,758	49,947	1,445	141,000
1991	121,884	5,753	59,465	1,898	189,000
1992	109,920	4,705	49,895	3,480	168,000
1993	73,021	5,275	34,496	2,208	115,000
1994	124,033	4,908	50,588	3,471	183,000
1995	98,346	7,398	50,299	2,957	159,000
1996	122,228	5,879	45,676	6,217	180,000
1997	89,383	3,986	37,572	3,059	134,000
1998	84,507	2,889	33,026	2,578	123,000
1999	149,476	3,922	46,166	2,436	202,000

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

Table 39. BERRIES: Bearing Acres, Yield, Production, and Value, 1990-1999

Crop Year	Acres of bearing age	Harvested	Production		Marketing year average price	Value of utilized production
			Total	Utilized		
	<u>Acres</u>	<u>Acres</u>	<u>1,000 pounds</u>		<u>\$ per cwt.</u>	<u>1,000 dol.</u>
<u>STRAWBERRIES</u>						
1990	2,800	2,500	15,800		83.00	13,114
1991	3,000	2,600	14,600		75.90	11,081
1992	2,900	2,600	7,800		107.00	8,346
1993	2,800	2,600	15,600		136.00	21,216
1994	2,500	2,400	9,600		112.00	10,752
1995	2,400	2,200	7,700		107.00	8,239
1996	2,000	1,900	7,400		120.00	8,880
1997	1,700	1,600	6,700		101.00	6,767
1998	1,700	1,600	6,100		115.00	7,015
1999	1,700	1,600	7,800		106.00	8,268
<u>BLUEBERRIES</u>					<u>\$ per lb.</u>	
1992	700	650	1,500	1,300	.88	1,144
1993	600	560	1,680	1,680	.98	1,646
1994	660	660	1,400	1,300	1.08	1,404
1995	600	600	1,200	1,100	1.00	1,104
1996	650	650	1,300	1,200	1.02	1,229
1997	700	700	1,600	1,500	1.07	1,602
1998	700	700	1,600	1,500	1.02	1,536
1999	700	700	1,900	1,600	1.08	1,733
<u>RED RASPBERRIES</u>						
1995	450	450	980	840	1.40	1,178
1996	450	450	1,000	900	1.66	1,493
1997	450	450	1,400	1,300	1.85	2,406
1998	450	450	1,200	1,000	2.20	2,200
1999	450	450	1,100	900	2.50	2,250

Table 40. FRUIT: Yield Per Acre of Bearing Age, 1990-1999 ^{1/}

Fruit	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	<u>Tons</u>									
Apples	17,700	19,100	20,900	15,500	19,300	19,300	17,900	20,400	19,500	22,900
Sweet Cherries	3,340	5,000	4,400	3,120	4,000	4,880	2,800	1,730	1,870	2,800
Tart Cherries	3,510	6,380	7,750	3,930	6,500	8,000	5,430	5,580	5,380	6,540
Peaches	6,670	7,890	7,370	5,630	4,380	7,190	7,500	7,500	6,250	8,750
Pears	12,680	12,600	13,760	12,500	13,340	11,600	12,500	8,000	11,500	12,500
Grapes	8,720	11,820	10,900	7,260	11,520	10,000	11,450	8,830	8,130	13,020
Blueberries ^{2/}			2,000	3,000	1,970	1,830	1,850	2,140	2,140	2,290
Strawberries	5,640	4,870	3,000	6,000	4,000	3,500	3,890	4,200	3,810	4,880
Red Raspberries ^{3/}						2,180	2,220	3,110	2,670	2,440

^{1/} Includes unharvested production and fruit harvested but not sold due to marketing conditions.^{2/} Estimates began 1992. Yield based on utilized production.^{3/} Estimates began 1995.

FLORICULTURE

New York floriculture production ranked sixth in the nation for total commercial sales. Value of sales increased again from a year earlier for foliage plants and bedding and garden plants. Bedding and garden plants again had the highest value of sales, at \$97.5 million. This is an increase of \$4.15 million from 1998. Potted flowering plants was second with a value of sales of \$33.5 million, a decrease of \$1.47 million. Third was cut flowers at \$5.16 million, a decrease of \$1.25 million. Next was foliage for indoor or patio use which increased \$72,000 to \$2.26 million.

The number of commercial growers decreased for the second consecutive year. During 1999 there were 689 growers. The area used to produce floriculture crops in the state was down approximately 21 percent. Greenhouse space decreased 886,000 square feet from 1998 to total 21.9 million square feet in 1999. This decrease pulled the total covered area (*greenhouse plus shade and temporary structures*) down to 22.2 million square feet, 4 percent less than existed during 1998.

Table 41. FLORICULTURE: Growers and Growing Area, 1995-1999 ^{1/}

	1995	1996	1997	1998 ^{2/}	1999
<u>Commercial Growers</u> (Number)	548	569	897	802	689
<u>Growing Area:</u> Open Ground (Acres)	351	410	779	1,344	978
<u>Cover:</u> Total Greenhouse (1,000 sq. ft.)	18,187	19,301	22,635	22,744	21,858
Shade & Temporary (1,000 sq. ft.)	434	511	394	439	331
Total Covered Area (1,000 sq. ft.)	18,621	19,812	23,029	23,183	22,189

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

^{2/} Revised.

Table 42. FLORICULTURE: Value of Sales by Plant Category, 1995-1999

Plant Category	1999 Rank	1995	1996	1997	1998 ^{1/}	1999
		<u>1,000 Dollars</u>				
Cut Flowers	10	7,612	6,837	6,125	6,408	5,158
Potted Flowering Plants	6	31,944	24,234	37,106	35,010	33,538
Total Foliage for Indoor or Patio Use	15	2,165	1,636	1,919	2,185	2,257
Bedding/Garden Plants	6	68,511	60,294	76,962	93,397	97,545
Total of Reported Crops ^{2/}	6	110,232	93,008	122,114	137,010	138,498
Grower Sales \$10,000-\$99,999 (Unspecified crops)		15,960	15,615	25,380	21,810	21,555
TOTAL COMMERCIAL SALES ^{3/}	6	126,192	108,623	147,494	158,820	160,053

^{1/} Revised.

^{2/} Total includes categories not listed.

^{3/} Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops, plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

Table 43. FLORICULTURE: Production, Sales, and Value,
by Type of Plant, 1995-1999 1/

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <u>2/</u>
	<u>Number</u>	<u>Blooms</u>	<u>1,000 Dollars</u>
<u>CUT FLOWERS</u>			
<u>Chrysanthemums - Standard</u>			
1995	9	350	218
1996	10	343	224
1997	<u>3/</u>	<u>3/</u>	<u>3/</u>
1998	3	6	6
1999	6	32	21
<u>Chrysanthemums - Pompon</u>			
		<u>Bunches</u>	
1995	<u>3/</u>	<u>3/</u>	<u>3/</u>
1996	7	18	144
1997	9	18	144
1998	4	14	42
1999	5	13	33
<u>Gladioli</u>			
		<u>Spikes</u>	
1995	8	83	33
1996	7	89	36
1997	8	106	42
1998	4	61	27
1999	9	92	21
<u>Other Cut Flowers</u>			
1995	30	N/A	2,069
1996	30	N/A	1,952
1997	28	N/A	1,858
1998	22	N/A	3,094
1999	23	N/A	2,780
<u>POTTED FLOWERING PLANTS</u>			
<u>African Violets</u>			
		<u>Pots</u>	
1995	16	1,301	1,537
1996	<u>3/</u>	<u>3/</u>	<u>3/</u>
1997	16	1,276	1,289
1998	16	1,358	1,308
1999	15	1,644	1,622
<u>Chrysanthemums (Excluding Hardy/Garden Mums)</u>			
1995	64	1,398	2,793
1996	61	1,078	2,583
1997	53	966	2,003
1998	48	1,036	2,301
1999	50	984	1,901

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,
by Type of Plant, 1995-1999 1/ (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <u>2/</u>
<u>POTTED FLOWERING PLANTS</u> (Continued)			
<u>Finished Florist Azaleas</u>			
1995	37	4,233	10,232
1996	42	1,807	3,867
1997	47	3,923	8,142
1998	30	1,867	5,304
1999	35	1,878	5,518
<u>Easter Lilies</u>			
1995	70	547	1,975
1996	71	662	2,191
1997	79	3,383	10,333
1998	59	678	2,321
1999	70	706	2,403
<u>Potted Orchids</u>			
1995	<u>3/</u>	<u>3/</u>	<u>3/</u>
1996	<u>3/</u>	<u>3/</u>	<u>3/</u>
1997	<u>3/</u>	<u>3/</u>	<u>3/</u>
1998	9	551	2,335
1999	10	71	767
<u>Poinsettias</u>			
1995	119	2,627	8,006
1996	120	2,901	8,037
1997	135	3,131	8,584
1998	119	3,104	8,763
1999	124	3,392	10,757
<u>Cyclamen</u>			
1995	30	441	1,219
1996	35	404	1,014
1997	37	400	1,047
1998	35	389	1,099
1999	34	426	1,224
<u>Other Potted Flowering Plants <u>4/</u></u> (Excluding blooming annuals)			
1995	67	1,467	5,083
1996	72	1,392	4,085
1997	87	1,261	3,235
1998	96	5,241	10,857
1999	74	4,134	8,833

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,
by Type of Plant, 1995-1999 1/ (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <u>2/</u>
<u>BEDDING/GARDEN PLANTS</u>			
<u>Geraniums, Flats</u>			
1995	46	153	1,547
1996	48	317	2,387
1997	60	248	2,225
1998	39	130	1,503
1999	45	173	1,633
<u>Impatiens, Flats</u>			
1995	139	1,261	10,277
1996	151	1,282	9,153
1997	198	1,659	11,547
1998	176	1,244	6,655
1999	161	878	5,935
<u>New Guinea Impatiens, Flats</u>			
1995	27	156	1,548
1996	36	130	1,105
1997	43	67	604
1998	<u>3/</u>	<u>3/</u>	<u>3/</u>
1999	<u>3/</u>	<u>3/</u>	<u>3/</u>
<u>Petunias, Flats</u>			
1995	133	421	3,511
1996	<u>3/</u>	<u>3/</u>	<u>3/</u>
1997	196	457	2,875
1998	180	504	2,928
1999	162	422	3,110
<u>Other Flowering and Foliar Type, Flats</u>			
1995	166	2,281	17,906
1996	172	1,689	12,195
1997	211	2,394	14,244
1998	204	2,960	17,967
1999	177	2,591	17,748
<u>Vegetable Type, Flats</u>			
1995	145	518	4,134
1996	155	485	3,638
1997	179	634	4,603
1998	114	925	4,727
1999	153	665	4,608

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,
by Type of Plant, 1995-1999 1/ (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <u>2/</u>
<u>BEDDING/GARDEN PLANTS</u> <i>Continued</i>)	<u>Number</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>Hardy/Garden Chrysanthemums, Potted</u>			
1995	120	2,255	3,861
1996	128	2,851	4,456
1997	158	3,606	5,471
1998	133	2,555	6,518
1999	151	4,802	8,030
<u>Geraniums, Potted - Cuttings</u>			
1995	152	7,427	7,321
1996	159	4,934	5,974
1997	202	5,194	7,488
1998	188	5,014	8,205
1999	172	5,157	8,393
<u>Geraniums, Potted - Seed</u>			
1995	43	3,494	2,851
1996	45	3,120	2,958
1997	47	3,747	2,885
1998	44	3,159	2,613
1999	39	3,240	2,732
<u>Impatiens, Potted</u>			
1995	42	462	440
1996	44	365	356
1997	63	580	634
1998	51	741	1,088
1999	52	758	1,246
<u>New Guinea Impatiens, Potted</u>			
1995	102	896	1,292
1996	112	1,067	1,478
1997	162	1,424	2,242
1998	163	2,347	4,001
1999	159	2,515	4,203
<u>Petunias, Potted</u>			
1995	25	84	104
1996	31	117	140
1997	37	155	283
1998	47	443	1,111
1999	74	565	1,358

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,
by Type of Plant, 1995-1999 1/ (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <u>2/</u>
<u>BEDDING/GARDEN PLANTS</u> (Continued)	<u>Number</u>	<u>Pots</u>	<u>1,000 Dollars</u>
<u>Other Flowering & Foliar Type, Potted</u>			
1995	109	3,660	5,365
1996	105	3,027	4,564
1997	178	7,762	11,130
1998	193	13,584	22,402
1999	165	10,526	18,848
<u>Vegetable Type, Potted</u>			
1995	64	1,083	1,182
1996	62	1,129	1,295
1997	81	1,070	1,090
1998	47	967	1,249
1999	57	1,068	1,366
<u>Other Flowering Hanging Baskets</u>		<u>Baskets</u>	
1995	159	472	3,177
1996	172	463	3,185
1997	202	713	4,064
1998	165	971	5,884
1999	193	932	6,701
<u>Geranium Hanging Baskets</u>			
1995	136	146	1,069
1996	151	227	1,596
1997	190	252	1,787
1998	140	278	1,929
1999	164	376	2,324
<u>Impatiens Hanging Baskets</u>			
1995	129	176	954
1996	146	196	1,201
1997	169	185	1,049
1998	120	162	873
1999	136	247	1,250
<u>New Guinea Impatiens Hanging Baskets</u>			
1995	112	303	1,739
1996	116	219	1,448
1997	148	382	2,200
1998	125	312	2,087
1999	143	389	2,451

See footnotes at end of table.

Table 43. FLORICULTURE: Production, Sales, and Value,
by Type of Plant, 1995-1999 1/ (Continued)

Year	Producers reporting	Quantity sold (Thousands)	Value of sales <u>2/</u>
	<u>Number</u>	<u>Baskets</u>	<u>1,000 Dollars</u>
<u>BEDDING/GARDEN PLANTS (Continued)</u>			
<u>Petunia Hanging Baskets</u>			
1995	86	48	233
1996	105	48	286
1997	164	88	541
1998	127	92	529
1999	161	157	972
<u>FOLIAGE PLANTS FOR INDOOR OR PATIO USE</u>			
<u>Foliage Hanging Baskets</u>			
1995	50	180	923
1996	51	205	894
1997	51	126	554
1998	28	300	1,260
1999	40	351	1,415
<u>Potted Foliage</u>			
		<u>Pots</u>	
1995	41	N/A	1,242
1996	44	N/A	742
1997	42	N/A	1,365
1998	33	N/A	925
1999	30	N/A	842

N/A - Not available.

1/ 1998 Revised.2/ Equivalent wholesale value of all crops except potted foliage plants.

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

3/ Not published to avoid disclosing individual operations.

MAPLE

New York maple syrup production is up 8 percent from last year as growers begin to rebound from the ice storm damage in 1998. Production of New York maple syrup this year is estimated at 210,000 gallons, 8 percent above the 195,000 gallons produced in 1999, according to the New York Agricultural Statistical Service. The number of taps, at 1.26 million, was up 6 percent from a year earlier. The season started out too cold, but temperatures, which determine sap flow and quality of syrup, quickly warmed up and the season overall was too warm for optimal flow. Statewide the average date of the first run was February 27 and the average date of the last run was March 24. The sugaring season for New York

averaged 26 days compared to the ten-year average of 31. Sap was below average for sweetness, requiring an average of 49 gallons of sap to make one gallon of syrup. Syrup color was mostly medium to dark. A preliminary estimate places the value of this year's production at \$5.33 million, up slightly from the 1999 crop value of \$5.32 million.

Preliminary prices received by New York producers for the lighter table grades of syrup are as follows: retail - \$30.90 per gallon; wholesale - \$25.50 per gallon. The average return to producers for all grades and methods of sales is estimated at \$25.40 per gallon equivalent.

Table 44. MAPLE SYRUP: Production and Value, 1990-2000

Crop Year	Syrup made <u>1/</u>	Average date		Gallons of sap per gallon of syrup	Average price per gallon	Value of production
		First run made	Last run made			
	<u>1,000 gals.</u>			<u>Gallons</u>	<u>Dollars</u>	<u>1,000 dollars</u>
1990	249	Feb. 25	Mar. 29	48	23.70	5,901
1991	308	Feb. 27	Apr. 2	48	23.30	7,176
1992	400	Mar. 5	Apr. 12	41	23.40	9,360
1993	180	Mar. 20	Apr. 9	40	18.70	3,366
1994	251	Mar. 16	Apr. 11	41	24.50	6,150
1995	208	Mar. 4	Apr. 1	47	23.50	4,888
1996	343	Mar. 5	Apr. 10	40	25.50	8,747
1997	269	Mar. 4	Apr. 7	48	25.10	6,752
1998	231	Feb. 25	Mar. 28	41	26.85	6,202
1999	195	Feb. 27	Apr. 2	43	27.30	5,324
2000 <u>2/</u>	210	Feb. 27	Mar. 24	49	25.40	5,334

1/ Includes syrup later made into sugar.

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

DAIRY

Total milk production in New York during 1999, at a record high 12.0 billion pounds, was up 2 percent from 1998. The annual average number of milk cows, at 701,000 head, was unchanged from the previous year. Annual output per cow averaged 17,175 pounds, up 2 percent from 16,762 pounds a year earlier.

Cash receipts from the sale of milk during 1999 totaled \$1.74 billion, down 3 percent from the previous year. The \$14.60 per hundredweight received for all milk sold by New York farmers was down 80 cents, or 5 percent, from the \$15.40 received in 1998. 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 143 million pounds of milk on their farms during 1999, compared with 147 million pounds during 1998. About 91 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 \$1.76 billion, down 3 percent from 1998.

Total cheese production in New York, excluding cottage cheese, totaled a record high 682 million pounds in 1999. This total is up 8 percent from the previous record high set a year earlier.

Italian cheese, which accounted for 59 percent of New York's total cheese output, increased 13 percent in 1999 to 402 million pounds. Compared with 1998, the State's production of mozzarella was up 11 percent. Butter production rose 16 percent to 25 million pounds, while American-type cheese output was up 8 percent to 98 million pounds. Combined production of cream cheese and neufchatel cheese dropped 4 percent from its 1998 record high. Creamed cottage cheese production rose 6 percent from 1998, while cottage cheese curd was down 2 percent and lowfat cottage cheese was 1 percent lower. 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 250 million pounds, an increase of 7 percent from the previous year.

New York production of standard ice cream was up 4 percent from the 1998 total, while lowfat ice cream (*formerly ice milk*) increased 10 percent. Production of milk sherbet rose 8 percent in 1999, while water ices production increased 66 percent to nearly 5 million gallons.

Nationally, total cheese output for 1999 was 7.94 billion pounds, excluding cottage cheese. This total was up 6

percent from a year earlier. Wisconsin remained the leading state with 27 percent of the total, followed by California (17 percent), New York (9 percent), and Minnesota (9 percent). Production of Italian varieties rose 5 percent from 1998. American-type cheese production, 45 percent of all cheese, increased 8 percent. Butter output increased 9 percent, while standard ice cream production was up 2 percent and lowfat ice cream was down 3 percent.

Table 45. MILK COW OPERATIONS:
By Herd Size, 1990-1999

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199 1/	200 plus	
	<u>Number of operations</u>					
1990	2,650	3,150	5,300	1,900		13,000
1991	2,500	2,900	5,000	1,800		12,200
1992	2,600	2,600	4,400	1,900		11,500
1993	2,400	2,500	4,200	1,500	400	11,000
1994	2,400	2,200	4,200	1,500	400	10,700
1995	2,100	2,200	4,000	1,300	400	10,000
1996	1,800	2,000	3,700	1,300	400	9,200
1997	1,700	1,900	3,600	1,300	500	9,000
1998	1,600	1,800	3,500	1,300	500	8,700
1999	1,400	1,600	3,200	1,400	600	8,200

1/ 100 plus category prior to 1993.

Table 46. MILK COWS JANUARY 1:
Inventory by Herd Size, 1991-2000

Year	Number of milk cows in herd					Total
	1-29	30-49	50-99	100-199 1/	200 plus	
	<u>1,000 head</u>					
1991	27	116	319	288		750
1992	24	111	314	291		740
1993	22	102	285	190	131	730
1994	22	87	297	189	130	725
1995	21	92	277	178	142	710
1996	19	79	259	189	154	700
1997	18	73	245	189	175	700
1998	18	73	238	182	189	700
1999	14	70	218	189	211	702
2000	14	70	217	189	210	700

1/ 100 plus category prior to January 1, 1993.

Table 47. MILK: Cows and Production, by Months, 1990 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>MILK COWS ON FARMS</u> (Thousands)												
1990	782	774	769	766	761	758	755	765	771	767	776	775
1991	768	768	765	755	751	749	746	753	755	755	756	755
1992	739	739	741	738	736	735	733	732	734	732	731	729
1993	730	730	731	729	727	725	724	725	726	727	726	725
1994	724	722	725	724	722	718	715	716	715	713	712	711
1995	708	707	707	705	704	702	700	700	702	702	702	702
1996	700	700	700	700	703	704	703	703	703	703	700	700
1997	700	700	700	698	698	698	698	698	697	699	699	700
1998	700	698	697	700	701	701	700	701	702	702	702	702
1999	702	702	700	700	702	702	702	702	702	700	700	700
2000	700	700	698									
<u>MILK PRODUCTION PER COW</u> (Pounds)												
1990	1,185	1,105	1,260	1,240	1,300	1,260	1,240	1,190	1,150	1,165	1,120	1,195
1991	1,230	1,120	1,270	1,270	1,330	1,260	1,240	1,220	1,180	1,210	1,180	1,270
1992	1,330	1,250	1,365	1,335	1,400	1,355	1,345	1,310	1,260	1,275	1,210	1,290
1993	1,320	1,195	1,345	1,340	1,415	1,375	1,350	1,310	1,260	1,270	1,225	1,295
1994	1,315	1,195	1,370	1,360	1,425	1,375	1,350	1,325	1,280	1,305	1,250	1,325
1995	1,360	1,250	1,420	1,390	1,460	1,420	1,410	1,390	1,345	1,365	1,310	1,370
1996	1,400	1,340	1,460	1,420	1,445	1,385	1,380	1,355	1,290	1,320	1,270	1,340
1997	1,370	1,260	1,420	1,400	1,465	1,435	1,425	1,400	1,330	1,345	1,290	1,360
1998	1,380	1,280	1,440	1,420	1,490	1,430	1,450	1,420	1,350	1,375	1,330	1,410
1999	1,430	1,320	1,480	1,460	1,530	1,460	1,460	1,450	1,380	1,400	1,360	1,440
2000	1,450	1,370	1,495									
<u>TOTAL MILK PRODUCTION</u> (Million pounds)												
1990	927	855	969	950	989	955	936	910	887	894	869	926
1991	945	860	972	959	999	944	925	919	891	914	892	959
1992	983	924	1,011	985	1,030	996	986	959	925	933	885	940
1993	964	872	983	977	1,029	997	977	950	915	923	889	939
1994	952	863	993	985	1,029	987	965	949	915	930	890	942
1995	963	884	1,004	980	1,028	997	987	973	944	958	920	962
1996	980	938	1,022	994	1,016	975	970	953	907	928	889	938
1997	959	882	994	977	1,023	1,002	995	977	927	940	902	952
1998	966	893	1,004	994	1,044	1,002	1,015	995	948	965	934	990
1999	1,004	927	1,036	1,022	1,074	1,025	1,025	1,018	969	980	952	1,008
2000	1,015	959	1,044									

Table 50. CHEESE: Production, by Months, 1990-1999

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TOTAL AMERICAN (1,000 pounds)													
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	101,55
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	100,48
1994	8,505	7,511	8,285	8,726	9,044	9,400	8,364	7,441	6,012	6,481	5,914	7,200	92,883
1995	7,698	6,924	7,423	7,308	7,588	7,341	6,795	6,356	6,238	6,124	6,561	7,545	83,901
1996	7,670	7,164	7,995	8,226	8,895	7,965	7,305	6,945	6,354	6,883	5,611	7,020	88,033
1997	8,106	8,051	8,327	8,480	9,089	8,808	8,338	7,057	6,496	7,051	6,270	7,315	93,388
1998	7,669	7,037	7,724	8,049	8,920	8,475	7,861	6,805	6,244	6,858	6,959	8,161	90,762
1999	8,600	7,954	9,065	9,053	9,573	9,021	8,364	7,490	5,962	7,238	7,928	8,210	98,458
TOTAL ITALIAN (1,000 pounds)													
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	273,75
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	260,21
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	273,39
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	272,29
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	294,93
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	303,12
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	321,93
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	340,78
1998	29,895	26,751	29,638	30,134	30,297	29,192	27,083	27,992	28,565	31,553	32,081	32,547	355,72
1999	30,559	28,993	35,897	33,343	33,345	32,120	32,202	32,989	33,661	35,973	36,110	36,840	402,03
TOTAL CHEESE EXCLUDING COTTAGE (1,000 pounds)													
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	507,22
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	494,94
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	529,61
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	537,66
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	559,63
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	556,99
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	583,68
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	616,68
1998	51,793	45,686	53,940	56,349	54,589	54,630	48,638	49,952	52,377	54,235	52,407	56,269	630,86
1999	53,630	51,221	59,313	56,541	56,174	58,336	55,877	54,693	54,628	59,653	59,763	62,450	682,27
CREAMED COTTAGE CHEESE (1,000 pounds)													
1990	5,421	5,192	5,829	5,407	5,898	5,714	5,652	5,858	5,019	5,195	5,556	5,660	66,401
1991	5,916	5,221	5,690	5,949	5,973	5,580	5,882	5,575	4,832	5,074	4,321	4,383	64,396
1992	4,587	4,535	5,161	5,345	4,455	4,954	4,900	4,965	4,567	4,528	4,160	4,219	56,376
1993	4,456	4,074	4,738	4,303	4,792	4,336	4,815	4,778	4,225	4,073	4,006	4,070	52,666
1994	3,896	3,829	4,521	4,616	5,144	4,922	5,293	5,187	4,644	4,392	4,401	4,526	55,371
1995	4,707	4,355	4,547	4,513	4,919	4,780	4,696	4,920	4,216	3,791	4,137	3,801	53,382
1996	3,906	4,220	4,525	4,139	4,529	4,465	4,803	4,897	4,361	4,320	4,228	4,010	52,403
1997	4,305	4,176	4,547	4,490	4,980	4,622	5,020	4,939	4,878	4,782	4,317	4,131	55,187
1998	4,430	4,298	4,914	4,639	4,619	4,868	5,057	4,624	4,884	4,484	4,111	4,432	55,360
1999	4,158	4,365	5,073	5,003	5,185	5,505	5,391	5,598	5,009	4,579	4,647	4,427	58,940
LOWFAT COTTAGE CHEESE (1,000 pounds)													
1990	5,322	5,524	6,302	5,852	6,220	6,302	6,048	6,048	6,032	5,779	5,535	4,492	69,456
1991	6,910	6,349	7,627	7,373	8,230	7,488	6,918	8,180	7,319	6,564	5,901	6,168	85,027
1992	7,089	6,892	9,043	8,688	8,055	7,373	7,405	7,247	6,913	6,706	5,675	5,075	86,161
1993	7,365	6,172	7,680	6,664	6,277	6,743	6,252	6,199	6,022	5,162	5,162	5,017	74,715
1994	5,573	5,924	6,261	6,875	7,825	6,866	7,178	7,422	7,338	6,316	6,366	5,857	79,801
1995	6,942	7,246	7,745	6,749	7,009	7,503	6,890	7,287	6,252	5,889	5,481	5,146	80,139
1996	5,519	6,220	7,129	6,642	6,707	6,919	6,663	7,752	6,665	6,303	5,902	5,033	77,454
1997	6,191	6,501	7,454	6,615	7,678	6,780	7,469	7,561	7,506	7,024	6,137	6,329	83,245
1998	6,955	6,949	7,317	7,739	7,110	8,163	7,794	7,397	8,159	6,974	6,613	6,121	87,291
1999	6,610	7,026	8,124	7,743	6,917	8,050	7,664	7,572	7,924	6,321	5,974	6,325	86,250

Table 51. CHEESE: Production, by Type, 1990-1999

Year	American Type Cheese			Italian Cheese			
	Cheddar	Other American <u>1/</u>	Total American	Mozzarella	Ricotta	Other Italian <u>2/</u>	Total Italian
	<u>1,000 pounds</u>						
1990	94,534	2,041	96,575	154,356	95,840	23,555	273,751
1991	85,147	1,851	86,998	139,545	97,648	23,018	260,211
1992	99,869	1,683	101,552	145,753	100,188	27,449	273,390
1993	99,514	974	100,488	151,644	94,966	25,685	272,295
1994	91,986	897	92,883	167,659	100,032	27,242	294,933
1995	82,460	1,441	83,901	183,700	97,290	22,136	303,126
1996	85,247	2,786	88,033	197,854	100,006	24,077	321,937
1997	91,214	2,174	93,388	203,737	105,637	31,415	340,789
1998	88,893	1,869	90,762	210,723	108,245	36,760	355,728
1999	96,942	1,516	98,458	234,144	124,556	43,332	402,032
Year	Cream and Neufchatel cheese	Other cheese excluding cottage <u>3/</u>	Total cheese excluding cottage	Cottage Cheese			
				Creamed <u>4/</u>	Lowfat <u>5/</u>	Curd <u>6/</u>	
	<u>1,000 pounds</u>						
1990	109,618	27,285	507,229	66,401	69,456		86,522
1991	119,762	27,974	494,945	64,396	85,027		91,819
1992	124,538	30,132	529,612	56,376	86,161		91,052
1993	135,702	29,182	537,667	52,666	74,715		84,693
1994	143,464	28,356	559,636	55,371	79,801		87,969
1995	145,198	24,774	556,999	53,382	80,139		88,736
1996	153,411	20,308	583,689	52,403	77,454		87,396
1997	163,314	19,198	616,689	55,187	83,245		93,691
1998	165,221	19,154	630,865	55,360	87,291		97,765
1999	159,181	22,608	682,279	58,940	86,250		95,394

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

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

Table 52. CONDENSED AND DRIED MILK: Production, by Type, 1990-1999

Year	Unsweetened Condensed Milk		Nonfat dry milk (human food)	Dry Whey		
	Whole milk	Skim milk		Human consumption	Animal feed	Total
	<u>1,000 pounds</u>					
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	100,05
1994	7,022	45,934	24,794	100,851	2,693	103,54
1995	11,468	53,815	32,254	107,054	3,174	110,22
1996	21,088	43,331	24,155	107,666	2,373	110,03
1997	<u>1/</u>	<u>1/</u>	<u>1/</u>	111,363	1,304	112,66
1998	<u>1/</u>	<u>1/</u>	<u>1/</u>	113,042	4,068	117,11
1999	<u>1/</u>	<u>1/</u>	<u>1/</u>	120,017	3,566	123,58

1/ Not published to avoid disclosure of individual operations.

Table 53. DAIRY PRODUCTS: Production, by Months, 1990-1999

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BUTTER (1,000 pounds)													
1990	2,058	2,273	1,843	1,859	1,678	1,218	1,201	1,266	1,271	1,792	1,843	1,994	20,296
1991	2,767	2,807	2,629	2,966	2,830	1,742	1,622	1,115	1,142	1,820	1,404	2,474	25,318
1992	3,431	3,250	2,711	2,803	2,627	1,975	1,806	1,510	1,558	2,021	1,345	1,899	26,736
1993	3,322	2,525	2,302	2,361	2,258	2,191	1,622	1,712	1,458	1,670	1,537	2,145	25,130
1994	2,474	1,791	2,274	2,265	2,247	1,849	1,709	1,476	1,565	1,591	1,274	2,202	22,717
1995	2,261	2,809	2,685	2,541	2,313	1,993	1,749	1,231	1,695	1,994	1,924	2,361	25,556
1996	2,880	2,571	2,660	2,408	2,364	1,861	2,006	1,748	1,803	2,239	2,143	2,490	27,173
1997	2,500	2,403	2,260	2,358	2,418	1,852	1,710	2,067	1,636	1,621	1,863	1,813	24,501
1998	2,348	2,461	2,058	1,860	1,584	1,332	1,474	1,532	1,349	1,700	1,527	1,992	21,217
1999	2,383	2,362	2,400	2,310	2,021	1,722	2,915	1,228	1,716	1,942	1,593	2,049	24,641
YOGURT - PLAIN AND FLAVORED (1,000 pounds)													
1990	14,791	17,552	19,173	17,609	17,773	15,418	16,372	15,992	15,698	15,989	11,747	10,898	189,012
1991	16,380	15,663	17,865	14,249	18,341	16,706	14,735	15,860	15,490	14,910	11,227	14,092	185,518
1992	17,565	16,432	18,708	18,967	17,593	17,111	16,699	16,381	16,629	16,255	13,652	14,795	200,787
1993	19,618	17,305	17,986	17,991	17,367	17,569	13,746	18,424	18,735	16,012	16,024	16,425	207,202
1994	17,346	19,130	21,853	17,148	22,906	19,958	16,668	20,299	21,020	18,603	16,832	17,917	229,680
1995	19,635	18,854	22,477	17,742	20,141	20,590	20,375	22,808	19,818	18,230	16,175	14,960	231,805
1996	17,114	19,604	20,633	18,895	18,287	17,998	15,911	17,431	16,945	16,729	13,780	15,186	208,513
1997	19,491	16,173	14,114	19,007	18,453	18,540	18,234	17,742	17,360	15,880	13,736	14,474	203,204
1998	16,502	16,835	19,723	19,425	19,080	21,636	16,956	20,230	25,967	20,450	16,047	20,275	233,126
1999	19,795	21,916	23,592	21,120	23,041	21,961	18,783	22,539	21,281	18,896	15,436	21,724	250,084
TOTAL NONFAT DRY MILK (1,000 pounds)													
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/
1998	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
1999	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/	1/
STANDARD ICE CREAM (1,000 gallons)													
1990	3,320	3,081	3,612	3,982	4,077	4,159	4,920	3,976	3,414	3,745	2,735	2,221	43,242
1991	3,225	3,453	3,112	4,257	3,735	4,338	4,789	4,832	3,657	3,640	2,767	2,774	44,579
1992	2,868	2,958	3,217	3,978	3,553	4,092	4,190	3,869	3,646	3,556	2,617	2,855	41,399
1993	2,506	3,091	3,159	3,647	3,492	4,258	4,825	3,879	3,495	2,956	2,573	2,975	40,856
1994	2,478	3,239	3,015	3,428	3,751	3,794	4,009	3,751	3,130	2,237	2,272	2,178	37,282
1995	2,461	2,592	3,093	3,175	3,618	3,831	3,896	3,539	2,616	2,552	2,539	2,018	35,930
1996	2,575	2,513	3,022	3,420	3,238	3,149	3,122	2,479	2,262	2,414	2,092	1,917	32,203
1997	2,340	2,506	2,951	3,768	2,886	3,570	4,002	2,993	2,271	2,274	1,910	1,882	33,353
1998	2,643	2,824	2,899	3,250	3,261	4,056	3,448	2,796	2,622	2,523	1,754	1,929	34,005
1999	2,244	2,779	3,181	3,088	3,243	3,731	4,013	2,957	2,716	2,676	2,406	2,438	35,472
LOWFAT ICE CREAM (1,000 gallons)													
1990	1,124	965	1,203	1,151	1,198	1,339	1,156	1,343	1,216	1,539	984	983	14,201
1991	1,202	1,276	1,435	1,929	1,407	1,690	1,877	1,852	1,150	1,002	798	704	16,322
1992	921	817	846	1,166	1,011	1,373	1,267	1,198	972	775	672	673	11,691
1993	471	472	492	558	806	693	1,071	766	655	415	505	370	7,274
1994	296	362	438	648	822	680	745	631	493	343	395	363	6,216
1995	578	546	686	849	1,052	1,108	1,301	1,264	655	605	642	457	9,743
1996	349	363	456	539	792	619	767	792	559	458	575	445	6,714
1997	559	632	769	1,030	1,071	958	1,022	830	636	697	584	545	9,333
1998	551	509	522	625	698	701	874	764	709	637	578	644	7,812
1999	366	482	803	750	830	970	862	960	773	661	570	537	8,564

1/ Not published to avoid disclosure of individual operations.

Table 54. FROZEN DESSERTS AND MIXES: Production, by Type, 1990-1999

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
	<u>1,000 gallons</u>						
1990	43,242	14,201	2,905	5,010	22,159	3,589	2,035
1991	44,579	16,322	3,393	5,912	23,221	4,405	2,339
1992	41,399	11,691	3,299	5,462	22,183	2,237	2,202
1993	40,856	7,274	2,795	6,174	22,309	2,109	1,872
1994	37,282	6,216	2,626	5,005	22,509	2,208	1,747
1995	35,930	9,743	2,935	4,536	21,610	2,287	1,953
1996	32,203	6,714	2,442	3,383	20,040	2,253	1,688
1997	33,353	9,333	2,451	2,513	19,719	2,282	1,669
1998	34,005	7,812	2,585	2,918	20,200	2,216	1,780
1999	35,472	8,564	2,793	4,831	21,835	2,939	1,868

1/ Includes hard, soft-serve, and freezer-made milkshake.2/ Does not include counter-freezer production.3/ Includes milkshake mix.

Table 55. DAIRY: Plants Manufacturing Specified Products, 1990-1999

Year	Total Cheese				Butter	Condensed skim milk <i>(unsweetened)</i>	Nonfat dry milk	Standard ice cream <i>(hard)</i>	Water ices	Plants making one or more dairy or frozen dessert products
	American	Italian	Excluding cottage	Cottage						
	<i>Number</i>									
1990	11	17	34	9	10	11	6	53	22	129
1991	11	14	35	10	8	10	5	45	23	120
1992	11	13	30	10	9	10	4	45	24	113
1993	12	13	32	11	8	9	4	48	29	115
1994	11	14	34	13	9	7	3	52	28	136
1995	12	13	30	12	9	7	3	54	25	138
1996	13	14	33	12	8	6	3	52	29	134
1997	13	13	32	11	8	5	2	58	29	134
1998	12	13	31	11	9	6	2	55	30	130
1999	10	12	27	11	8	8	2	52	30	121



LIVESTOCK and POULTRY

LIVESTOCK

New York livestock producers marketed 292 million pounds of meat animals during 1999, down 6 percent from the 1998 total of 310 million pounds. Cattle and calf marketings were off 4 percent from a year earlier. Hogs and pigs were down 25 percent, while sheep and lambs decreased 16 percent from the poundage sold in 1998. Meat animal cash receipts, totaling \$131 million, were up 10 percent from 1998.

Gross income from livestock during 1999, which includes the sale of meat animals, wool, and the value of home consumption, totaled \$135 million, up 10 percent from a year earlier. Cattle and calves accounted for 94 percent of this total.

Calf prices, averaging \$70.80 per hundred pounds liveweight (cwt.), were up 36 percent from 1998. Cattle prices, at an average of \$37.10 per cwt. during 1999, were up 10 percent. Gross income from cattle and calves during 1999 totaled \$126 million, up 15 percent from a year earlier.

Hog and pig prices averaged \$26.10 per cwt. in 1999, down 18 percent from the previous year. Gross income from hogs and pigs during 1999 totaled \$5.76 million, down 37 percent from 1998.

Sheep and lamb marketings, at 3.56 million pounds during 1999, decreased 16 percent from a year earlier. Sheep prices averaged \$36.40 per cwt., off 2 percent from 1998. Lamb prices averaged \$83.10 per cwt., 4 percent lower than during 1998. Gross income from sheep and lambs during 1999 totaled \$2.96 million, down 15 percent from the prior year.

New York wool production during 1999 totaled 333,000 pounds, up 8 percent from the 1998 total. The average price received for wool decreased 38 percent to 28 cents per pound, compared with 45 cents in 1998. The value of production, at \$93,000, decreased 33 percent from a year earlier due to lower prices.

Table 56. CATTLE & CALF OPERATIONS:
by Herd Size, 1990-1999

Year	Herd size			
	1-49	50-99	100 plus	Total
	<i>Number of operations</i>			
1990	11,500	5,150	5,350	22,000
1991	10,900	4,670	5,430	21,000
1992	10,900	4,600	5,500	21,000
1993	11,000	4,800	5,200	21,000
1994	10,500	4,400	5,100	20,000
1995	10,000	4,100	4,900	19,000
1996	10,000	4,100	4,800	19,000
1997	9,100	4,100	4,800	18,000
1998	8,800	3,900	4,800	17,500
1999	9,400	3,400	4,700	17,500

Table 57. CATTLE & CALVES JANUARY 1:
by Herd Size, 1991-2000

Year	Herd size				Total
	1-49	50-99	100-499	500 plus	
	<i>Thousand head</i>				
1991	184	359	857	130	1,530
1992	170	331	893	146	1,540
1993	185	339	847	169	1,540
1994	194	298	820	178	1,490
1995	145	290	841	174	1,450
1996	176	294	823	177	1,470
1997	148	296	784	252	1,480
1998	156	275	767	282	1,480
1999	161	248	774	277	1,460
2000	161	248	774	277	1,460

Table 58. CATTLE AND CALVES: Number on Farms, January 1,
Inventory Value and Value per Head, 1990-2000

Year	Cows and heifers that have calved		Heifers 500 lbs. and over			Bulls 500 lbs. and over	Steers 500 lbs. and over	Calves less than 500 lbs.	Cattle and calves on feed	All Cattle and Calves		
	Kept for milk	Kept for beef	For milk replacement	For beef replacement	Other heifers					Number	Value per head	Total value
	<u>1,000</u>									<u>1,000.</u>	<u>Dol.</u>	<u>1,000 dol.</u>
1990	760	70	324	24	37	17	25	263	18	1,520	810	1,231,200
1991	750	70	322	22	36	18	34	278	25	1,530	790	1,208,700
1992	740	70	312	25	44	19	48	282	30	1,540	795	1,224,300
1993	730	70	329	25	55	19	39	273	35	1,540	815	1,255,100
1994	725	80	305	30	40	19	31	260	25	1,490	820	1,221,800
1995	710	70	290	30	40	20	30	260	25	1,450	825	1,196,250
1996	700	70	305	25	45	20	35	270	30	1,470	740	1,087,800
1997	700	80	305	25	40	20	35	275	30	1,480	750	1,110,000
1998	700	80	310	30	40	20	30	270	30	1,480	730	1,080,400
1999	702	78	310	20	40	20	30	260	30	1,460	860	1,255,600
2000	700	80	300	30	40	20	40	250	30	1,460	920	1,343,200

Table 59. CATTLE AND CALVES: Production, Disposition, and Income,
1990-1999

Year	Inventory January 1	Calf crop	Inship- ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
				Cattle	Calves		Cattle	Calves		
	<u>1,000</u>									<u>1,000 dol.</u>
1990	1,520	720	18	190	424	6	30	78	1,530	182,932
1991	1,530	710	14	189	412	5	30	78	1,540	198,623
1992	1,540	700	24	203	407	6	32	76	1,540	202,484
1993	1,540	690	20	215	442	5	30	68	1,490	238,659
1994	1,490	670	15	200	430	4	28	63	1,450	216,403
1995	1,450	660	19	180	388	3	30	58	1,470	152,646
1996	1,470	660	23	175	407	2	31	58	1,480	101,840
1997	1,480	670	23	190	410	2	31	60	1,480	111,458
1998	1,480	660	21	190	422	2	30	57	1,460	109,640
1999	1,460	660	26	186	415	2	29	54	1,460	125,915

1/ Value of marketings and home consumption.

Table 60. CATTLE AND CALVES: Commercial Slaughter, 1990-1999

Year	CATTLE			CALVES		
	Number head	Average liveweight	Total liveweight	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1990	66.3	1,071	71,039	279.6	205	57,252
1991	74.2	1,101	81,727	217.1	304	65,959
1992	80.8	1,111	89,717	233.7	329	76,791
1993	63.9	1,082	69,125	184.1	315	58,037
1994	68.4	1,042	71,293	207.9	361	75,062
1995	70.4	1,078	75,905	235.7	375	88,393
1996	84.3	1,082	91,161	270.8	318	86,036
1997	93.7	1,088	101,987	245.0	221	54,065
1998	86.6	1,117	96,746	200.5	88	17,689
1999	65.7	1,094	71,846	162.3	94	15,284

Table 61. CATTLE AND CALVES: Commercial Slaughter, Number of Head, by Months, 1990-1999

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
<u>CATTLE</u>													
1990	7.3	6.5	6.7	5.7	6.1	5.3	4.3	4.5	4.4	5.6	5.2	4.7	66.3
1991	5.3	4.7	4.7	5.6	6.2	5.6	6.5	7.2	7.1	8.3	6.5	6.7	74.2
1992	7.6	6.4	7.1	6.9	5.9	6.2	6.6	5.9	6.9	8.3	6.6	6.3	80.8
1993	5.5	4.7	5.3	5.0	5.0	5.5	5.6	5.7	5.6	5.3	5.5	5.3	63.9
1994	5.0	4.9	5.9	5.7	6.0	5.4	5.3	5.9	5.9	6.0	6.0	6.3	68.4
1995	5.8	5.4	6.2	4.9	5.5	5.4	4.9	6.1	6.2	7.0	6.7	6.6	70.4
1996	7.3	6.2	6.0	6.4	7.1	6.4	6.7	6.8	6.6	8.9	7.9	7.9	84.3
1997	7.7	6.7	7.1	7.8	7.5	6.6	7.4	7.5	8.2	10.3	8.0	8.9	93.7
1998	8.1	7.3	7.5	6.7	6.7	6.9	7.1	6.9	7.6	7.8	6.8	7.1	86.6
1999	5.0	4.8	5.3	5.4	4.7	5.1	5.3	5.6	5.9	6.3	6.0	6.2	65.7
<u>CALVES</u>													
1990	32.7	26.7	36.4	23.1	21.6	19.9	17.2	20.7	18.0	22.7	22.3	18.5	279.6
1991	18.3	15.6	18.3	14.6	13.2	12.4	18.5	20.2	20.5	20.6	22.4	22.5	217.1
1992	20.2	17.2	20.3	15.9	15.1	15.9	19.6	21.2	20.9	21.4	21.8	24.3	233.7
1993	17.8	15.9	21.4	16.0	11.6	11.8	13.2	14.9	14.6	14.1	16.8	16.0	184.1
1994	16.4	14.4	21.0	16.4	12.0	14.6	16.5	19.0	19.7	17.4	19.3	21.3	207.9
1995	20.4	17.1	21.6	15.7	16.3	19.3	19.2	18.9	21.0	21.9	22.1	22.3	235.7
1996	22.8	21.7	23.6	18.5	18.7	20.2	26.6	25.5	21.9	23.8	23.0	24.3	270.8
1997	18.9	17.4	23.1	22.8	17.2	17.6	24.2	21.1	21.0	22.9	18.2	20.7	245.0
1998	16.9	14.9	20.5	15.9	14.7	18.2	18.8	16.0	18.6	15.6	13.6	16.6	200.5
1999	13.1	12.0	16.2	13.0	10.6	13.9	16.9	15.7	14.4	10.9	12.4	13.4	162.3

1/ May not add due to rounding.

Table 62. HOGS AND PIGS: Number on Farms, Inventory Value and Value per Head, December 1, 1990-1999

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>
1990	15	88	37	20	18	13	103	85.00	8,755
1991	14	84	30	24	17	13	98	77.00	7,546
1992	15	90	35	25	16	14	105	72.00	7,560
1993	12	78	33	18	14	13	90	77.00	6,930
1994	12	60	26	13	11	10	72	54.00	3,888
1995	11	55	21	14	11	9	66	71.00	4,686
1996	13	69	28	15	13	13	82	92.00	7,544
1997	11	68	30	15	13	10	79	81.00	6,399
1998	8	52	18	14	10	10	60	44.00	2,640
1999	6	34	9	9	8	8	40	71.00	2,840

Table 63. HOGS AND PIGS: Number of Operations, Production, Disposition, and Income, 1990-1999

Year	Operations with hogs	Inventory Dec. 1 preceding	Pig crop	Inship-ments	Marketings	Farm slaughter	Deaths	Inventory Dec. 1	Gross income <u>1/</u>
		<u>1,000</u>							<u>1,000 dol.</u>
1990	2.9	124	171	2	176	5	13	103	19,771
1991	2.8	103	163	4	155	5	12	98	15,573
1992	2.8	98	179	3	156	5	14	105	13,070
1993	2.7	105	162	6	165	5	13	90	14,944
1994	2.2	90	102	17	121	4	12	72	10,245
1995	1.8	72	114	4	110	3	11	66	8,797
1996	1.6	66	134	9	115	2	10	82	10,788
1997	1.5	82	136	7	135	2	9	79	14,494
1998	1.4	79	99	12	118	2	10	60	9,212
1999	1.0	60	65	15	90	1	9	40	5,760

1/ Value of marketings and home consumption.

Table 64. HOG AND PIG OPERATIONS: by Herd Size, 1995-1999

Number of hogs in herd	Operations				
	1995	1996	1997	1998	1999
	<u>Number</u>				
1-49	1,580	1,390	1,330	1,240	890
50-99	90	70	70	60	40
100 plus	130	140	100	100	70
TOTAL	1,800	1,600	1,500	1,400	1,000

Table 65. HOGS AND PIGS: December 1, by Herd Size, 1995-1999

Number of hogs in herd	Inventory				
	1995	1996	1997	1998	1999
	<u>1,000 head</u>				
1-49	11	11	10	7	5
50-99	5	5	4	4	3
100 plus	50	66	65	49	32
TOTAL	66	82	79	60	40

Table 66. HOGS AND PIGS: Commercial Slaughter, 1990-1999

Year	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1990	57.8	231	13,336
1991	56.3	222	12,512
1992	68.9	217	14,982
1993	68.9	222	15,325
1994	64.6	226	14,617
1995	64.8	214	13,887
1996	54.2	228	12,333
1997	49.3	189	9,325
1998	52.7	188	9,914
1999	52.1	175	9,100



Table 67. HOGS AND PIGS: Commercial Slaughter, Number of Head, by Months, 1990-1999

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
1990	5.1	3.6	4.2	4.1	4.3	4.2	4.7	5.5	4.7	5.4	4.9	7.0	57.8
1991	4.3	3.7	3.7	4.2	4.4	4.1	4.9	5.4	4.9	5.9	4.5	6.3	56.3
1992	5.0	4.5	4.5	5.0	4.9	5.7	6.3	6.1	6.4	6.6	5.8	8.0	68.9
1993	5.6	4.5	5.3	5.2	4.9	5.6	5.6	6.1	6.4	5.6	5.7	8.3	68.9
1994	4.5	4.3	4.7	4.4	4.9	5.3	4.5	5.9	5.7	5.8	5.8	8.9	64.6
1995	4.9	4.0	5.0	4.4	5.3	5.7	5.0	6.5	5.5	5.9	5.1	7.5	64.8
1996	4.7	4.2	3.9	3.8	3.8	4.0	4.8	5.3	4.7	5.0	3.9	6.0	54.2
1997	3.8	3.4	3.0	3.4	3.3	3.9	4.7	5.0	5.0	4.8	3.6	5.5	49.3
1998	3.8	3.2	3.3	3.5	3.4	4.2	5.1	5.2	5.4	4.9	4.0	6.7	52.7
1999	4.0	3.7	3.7	3.9	3.6	4.8	4.5	5.4	5.2	4.4	3.6	5.0	52.1

1/ May not add due to rounding.

Table 68. SHEEP AND LAMBS: Number on Farms, Inventory Value and Value per Head, January 1, 1990-2000

Year	All breeding sheep and lambs	Breeding ewes 1 year & older	Breeding rams 1 year & older	Replacement lambs	Sheep and lambs on feed ^{1/}	All Sheep and Lambs		
						Number	Value per head	Total value
			<u>1,000</u>			<u>1,000</u>	<u>Dollars</u>	<u>1,000 dol.</u>
1990	76	58	3	15	16	92	96.00	8,832
1991	75	59	3	13	17	92	84.00	7,728
1992	60	48	3	9	12	72	86.00	6,192
1993	64	50	3	11	14	78	96.00	7,488
1994	62	50	3	9	12	79	90.00	7,110
1995	58	44	3	11	14	72	105.00	7,560
1996	55	43	3	9	10	65	98.00	6,370
1997	48	38	3	7	12	60	96.00	5,760
1998	49	38	3	8	12	61	120.00	7,320
1999	46	36	3	7	9	55	110.00	6,050
2000	50	38	3	9	8	58	120.00	6,960

^{1/} Sheep and lambs on feed for slaughter market.

Table 69. SHEEP AND LAMBS: Number of Operations, Production, Disposition and Income, 1990-1999

Year	Operations with sheep	Inventory January 1	Lamb crop	Inship- ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income <u>1/</u>
					Sheep	Lambs		Sheep	Lambs		
	<u>1,000</u>										<u>1,000 dol</u>
1990	2.4	92	64	6	9	46	2	6	7	92	2,337
1991	2.4	92	57	5	19	48	2	6	7	72	2,269
1992	1.9	72	60	8	2	45	2	6	7	78	2,710
1993	2.0	78	65	7	9	48	2	6	7	79	3,284
1994	1.8	79	62	4	12	48	2	5	6	72	3,404
1995	1.7	72	56	2	7	44	1	6	7	65	3,876
1996	1.8	65	54	2	6	39	1	9	6	60	3,414
1997	1.7	60	50	1	2	36	1	5	6	61	3,395
1998	1.6	61	47	1	6	37	1	4	6	55	3,414
1999	1.4	55	48	1	2	34	1	3	6	58	2,958

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

Table 70. SHEEP AND LAMBS: Wool Production and Value, 1990-1999

Year	Sheep shorn	Weight per fleece	Wool production	Price per pound	Value
	<u>Head</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Dollars</u>	<u>Dollars</u>
1990	73,000	7.2	525,000	.47	247,000
1991	70,000	7.1	498,000	.39	194,000
1992	61,000	7.1	431,000	.56	241,000
1993	61,000	6.9	419,000	.41	172,000
1994	63,000	7.1	448,000	.65	291,000
1995	54,000	7.0	380,000	.84	319,000
1996	53,000	7.1	377,000	.55	207,000
1997	51,000	6.7	343,000	.54	185,000
1998	45,000	6.8	307,000	.45	138,000
1999	49,000	6.8	333,000	.28	93,000

Table 71. SHEEP AND LAMBS: Commercial Slaughter, 1990-1999

Year	Number head	Average liveweight	Total liveweight
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lb.</u>
1990	105.1	98	10,277
1991	77.7	94	7,303
1992	83.3	96	8,016
1993	77.1	101	7,784
1994	54.3	106	5,774
1995	43.8	100	4,377
1996	34.0	98	3,311
1997	29.5	97	2,856
1998	30.0	107	3,221
1999	27.3	104	2,831

Table 72. SHEEP AND LAMBS: Commercial Slaughter, Number of Head, by Months, 1990-1999

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total <u>1/</u>
	<u>1,000</u>												
1990	8.0	7.9	10.1	18.5	9.6	9.8	9.1	9.2	6.3	5.9	5.0	5.7	105.1
1991	4.1	4.4	15.4	8.4	4.5	4.4	5.4	5.8	5.2	6.4	6.0	7.6	77.7
1992	5.5	5.2	6.1	15.7	5.3	6.4	6.1	6.1	7.4	6.2	6.1	7.2	83.3
1993	4.5	4.8	8.4	13.3	5.6	6.7	4.8	7.3	5.9	5.3	4.8	5.8	77.1
1994	3.1	2.6	9.2	7.2	3.8	4.0	3.9	5.1	3.3	3.7	3.6	4.7	54.3
1995	3.1	2.6	3.2	10.4	3.1	2.5	2.4	3.6	3.4	2.9	3.0	3.6	43.8
1996	2.2	2.6	5.7	7.4	2.5	1.6	1.7	1.9	1.8	2.1	1.7	2.6	34.0
1997	1.5	1.1	6.5	4.3	1.8	1.5	1.6	2.1	2.0	2.1	1.8	3.0	29.5
1998	1.4	1.3	2.3	8.6	1.9	2.3	1.8	1.9	1.9	1.7	1.7	3.1	30.0
1999	1.4	1.2	5.0	3.6	1.9	2.0	1.7	2.2	1.9	1.7	1.9	2.7	27.3

1/ May not add due to rounding.

HONEY

Honey production from beekeepers with five or more hives in New York totaled 4.83 million pounds during 1999. This total is down 7 percent from the 1998 production of 5.20 million pounds. A decrease in yield per colony outweighed additional colonies.

The 1999 production was extracted from 69,000 colonies, up 6 percent from the 65,000 colonies in 1998. Honey yield per colony averaged 70 pounds, 12 percent below the 1998 yield. Honey stocks on hand across the

State as of December 15, 1999 totaled 2.08 million pounds, a decrease of 15 percent from the 2.44 million pounds a year earlier.

Prices received by beekeepers in New York averaged 66.0 cents per pound for all methods of sale during 1999, 6 percent less than the 1998 average price of 70.0 cents. Value of honey production for the State in 1999 totaled \$3.19 million, compared with \$3.64 million in 1998.

Table 73. HONEY: Production and Value, 1990-1999 ^{1/}

Year	Colonies of bees	Yield per colony	Production	Price per pound	Total value	Stocks on Dec. 15
	<u>1,000</u>	<u>Pounds</u>	<u>1,000 lbs.</u>	<u>Dollars</u>	<u>1,000 dol.</u>	<u>1,000 lb.</u>
1990	81	54	4,374	.650	2,843	1,094
1991	77	62	4,774	.620	2,960	1,337
1992	70	66	4,620	.610	2,818	1,802
1993	65	62	4,030	.630	2,539	1,733
1994	68	68	4,624	.630	2,913	2,451
1995	70	75	5,250	.710	3,728	2,100
1996	68	80	5,440	.890	4,842	2,557
1997	72	60	4,320	.850	3,672	2,246
1998	65	80	5,200	.700	3,640	2,444
1999	69	70	4,830	.660	3,188	2,077

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

MINK

Table 74. MINK: Females Bred to Produce Kits by Color Class, 1991-2000
and Pelts Produced, by Color Class, 1990-1999

Year	Standard	Pastel	Violet type	Pearl	Demi-Buff	Gunmetal	Pink	Mahogany	Other	Total
<i>Number</i>										
<u>FEMALES BRED</u>										
1991	12,400	600	200	<u>1</u> /	3,000	500	900	600	500	18,700
1992	5,200	900	300	200	100	1,100	700	6,100	700	15,300
1993	7,800	1,000	500	600	100	900	1,200	1,300	700	14,100
1994	8,500	900	500	700	500	700	1,100	1,700	400	15,000
1995	4,300	300	-	100	200	1,000	500	1,000	200	7,600
1996	4,100	300	-	-	-	100	-	500	2,200	7,200
1997	3,600	800	400	-	-	600	400	300	700	6,800
1998	3,200	700	-	100	-	-	-	100	2,100	6,200
1999	1,500	300	-	-	-	100	-	-	100	2,000
2000 <u>2</u> /										2,000
<u>PELTS PRODUCED</u>										
1990	43,000	3,600	4,500	4,100	2,600	7,800	5,300	900	2,400	74,200
1991	22,900	900	500	300	1,000	3,500	2,400	11,400	2,200	45,100
1992	13,500	1,700	700	200	600	2,200	1,800	15,400	1,900	38,000
1993	17,800	2,400	900	600	1,800	2,800	2,500	8,400	1,100	38,300
1994	20,300	1,900	1,100	1,800	700	500	2,200	13,800	3,300	45,600
1995	12,700	300	1,000	200	-	600	1,000	3,100	1,900	20,800
1996	9,100	1,100	400	200	500	800	200	4,100	3,700	20,100
1997	10,000	500	200	-	800	100	300	7,300	3,800	23,000
1998	13,000	200	4,200	-	-	100	-	8,700	4,300	30,500
1999 <u>2</u> /										5,900

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

2/ All color classes unpublished to avoid disclosure of individual operations.

TROUT

New York trout producers sold a total of 159,000 pounds of trout valued at \$696,000 during the 12 months ending December 31, 1999. This production, which includes foodsize fish, stockers, and fingerlings, was down 30 percent from the production total of 1998, with declines in all three categories. Value of production was down 24 percent from a year ago.

The 1999 output included 93,000 pounds of foodsize trout averaging \$4.02 per pound in value, 63,000 pounds of stocker trout averaging \$4.65 per pound, and 3,000 pounds of fingerlings. Foodsize fish averaged .95 pounds in weight, while stockers averaged .39 pounds. Poundage of foodsize trout sold was down 24 percent from 1998, while stocker poundage dropped 36 percent.

Table 75. TROUT: Sales by Number, Liveweight, and Value,
January 1 to December 31, 1998 and 1999

Item	Unit	1995	1996	1997	1998	1999
<u>FOODSIZE TROUT SOLD</u>						
Number of head	(1,000)	62	110	82	114	98
Liveweight pounds	(1,000)	61	99	76	123	93
Total dollar value	(1,000)	254	378	290	458	374
Average weight per fish	lb.	.98	.90	.93	1.08	.95
Average price per pound	\$	4.16	3.82	3.82	3.72	4.02
<u>STOCKER TROUT SOLD</u>						
Number of head	(1,000)	130	262	221	210	162
Liveweight pounds	(1,000)	61	130	101	99	63
Total dollar value	(1,000)	281	591	450	415	293
Average weight per fish	lb.	.47	.50	.46	.47	.39
Average price per pound	\$	4.61	4.55	4.46	4.19	4.65
<u>FINGERLING TROUT SOLD</u>						
Number of head	(1,000)	166	174	242	186	112
Liveweight pounds	(1,000)	4	4	6	6	3
Total dollar value	(1,000)	44	46	64	48	29
<u>TOTAL TROUT SOLD</u>						
Number of head	(1,000)	358	546	545	510	372
Liveweight pounds	(1,000)	126	233	183	228	159
Total dollar value	(1,000)	579	1,01	804	921	696
Average weight per fish	lb.	.35	.43	.34	.44	.43
Average price per pound	\$	4.60	4.36	4.39	4.04	4.38
<u>NUMBER OF PRODUCERS</u>						
		27	29	28	30	30

Table 76. TROUT: Foodsize Sales by Outlet, Number and Percent of Total Sold
January 1 to December 31, 1995-1999

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.	%
	<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>	
1995	4	7	30	49	1	1	1	2	9	14	11	18	6	9	62	100
1996	5	4	42	38	3	3	1	1	25	23	33	30	1	1	110	100
1997	1	1	24	29	-	-	-	-	29	35	17	21	11	14	82	100
1998	-	-	47	41	2	2	-	-	22	19	43	38	-	-	114	100
1999	-	-	46	47	2	2	8	8	29	30	8	8	5	5	98	100

Table 77. TROUT: Stocker Sales by Outlet, Number and Percent of Total Sold
January 1 to December 31, 1995-1999

Year	Sales Outlet											
	Live Haulers		Fee and Recreation		Other Producers		Government Agencies		Other		Total Sales	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>	
1995	9	7	68	52	14	11	6	5	33	25	130	100
1996	34	13	123	47	31	12	16	6	58	22	262	100
1997	33	15	77	35	16	7	18	8	77	35	221	100
1998	23	11	86	41	15	7	2	1	84	40	210	100
1999	31	19	81	50	11	7	5	3	34	21	162	100

Table 78. TROUT: Number Lost by Cause and Percent of Total Number Lost
January 1 to December 31, 1995-1999

Year	Cause of Loss													
	Disease		Theft/Vandalism		Drought		Flood		Predators		Other		Total Losses	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
	<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>		<u>(1,000)</u>	
1995	44	24	<u>1</u> /	<u>1</u> /	93	50	-	-	20	11	27	15	184	100
1996	50	24	<u>1</u> /	<u>1</u> /	18	8	14	7	76	36	54	25	212	100
1997	25	26	<u>1</u> /	<u>1</u> /	10	10	5	5	26	27	31	32	97	100
1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100
1999	29	24	3	3	21	18	-	-	61	51	5	4	119	100

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

POULTRY

The combined value of New York produced eggs, broilers, and turkeys, plus the value of sales for other chickens, was \$56.7 million for the year ending November 30, 1999. This total is down 6 percent from a year earlier. Increases in the value of turkeys and broilers produced were more than offset by decreases in the value of eggs produced and the value of other chickens sold. Of the 1999 combined value, 83 percent was derived from eggs and 9 percent from turkeys.

Egg production in New York during the 1999 year totaled 1.02 billion, up 3 percent from a year earlier. Egg prices averaged 11 percent lower, decreasing from 62.4 cents in 1998 to 55.6 cents in 1999. The resulting total value of \$47.1 million was 8 percent below the 1998 egg production value of \$51.3 million.

Statewide turkey production in 1999 amounted to 11.9 million pounds, down fractionally from 1998. The average price of 44 cents per pound was up 4 cents from the 1998 price. Value of production totaled \$5.2 million, up 10 percent from the 1998 level of \$4.8 million.

Broiler production in New York for 1999 totaled 11.0 million pounds, up 11 percent from a year earlier. The average price per pound decreased 2 cents from 1998 to 39 cents in 1999. Value of production for 1999 totaled \$4.3 million, up 6 percent from \$4.1 million in 1998.

The poundage of other chickens sold in New York (*excluding broilers*) during 1999 was down 23 percent from the previous year. Prices were also down sharply, resulting in a value of sales of \$51,000, down 82 percent from \$280,000 in 1998.

Nationally, the combined value of eggs, broilers, and turkeys, plus the sales of other chickens, was \$22.4 billion for the year ending November 30, 1999. This total was up slightly from \$22.3 billion in 1998. The value of broilers was down slightly from 1998, while the value of eggs produced was down 3 percent and the value of turkeys was up 6 percent. Of the 1999 combined value, 68 percent came from broilers, 19 percent from eggs, and 13 percent from turkeys.

Table 79. DUCKS: Production and Value, 1990-1999

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>
1990	1,950	14,200	56.0	7,952
1991	1,970	14,400	55.0	7,920
1992	2,100	15,600	56.0	8,736
1993	1,990	14,900	57.0	8,493
1994	2,030	15,300	58.0	8,874
1995	2,200	16,400	58.0	9,512
1996	2,300	17,400	61.0	10,614
1997	2,250	17,200	68.0	11,696
1998	2,350	18,200	69.0	12,558
1999	2,200	17,600	69.0	12,144

Table 80. TURKEYS: Production and Value, 1990-1999

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>
1990	480	11,616	39.0	4,530
1991	490	11,858	37.0	4,387
1992	480	11,856	36.0	4,268
1993	480	11,856	38.0	4,505
1994	500	13,250	40.0	5,300
1995	505	12,979	42.0	5,451
1996	520	12,792	42.0	5,373
1997	510	12,087	42.0	5,077
1998	500	11,950	40.0	4,780
1999	490	11,907	44.0	5,239

Table 81. CHICKENS: Number on Farms, Inventory Value and Value per Head, December 1, 1990-1999

Year	Hens and pullets of laying age			Pullets over 13 weeks not laying	Pullets under 13 weeks	Other chickens	All Chickens (excl. meat chickens)		
	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>
1990	1,350	2,350	3,700	470	650	30	4,850	2.00	9,700
1991	1,350	2,550	3,900	540	430	30	4,900	1.80	8,820
1992	1,650	2,250	3,900	330	640	30	4,900	1.70	8,330
1993	1,350	2,450	3,800	380	790	30	5,000	1.80	9,000
1994	1,400	2,490	3,890	340	945	25	5,200	1.90	9,880
1995	1,540	2,420	3,960	440	570	30	5,000	2.00	10,000
1996	1,360	2,150	3,510	360	510	20	4,400	1.90	8,360
1997	1,070	2,400	3,470	540	470	20	4,500	1.80	8,100
1998	1,530	2,080	3,610	570	500	20	4,700	1.70	7,990
1999	1,510	2,230	3,740	690	545	25	5,000	1.40	7,000

Table 82. CHICKENS: Sold and Value of Sales, 1990-1999 1/

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>
1990	3,900	15,210	6.1	928
1991	3,850	15,785	3.6	568
1992	4,100	16,810	5.1	857
1993	3,500	16,800	3.5	588
1994	3,100	14,570	2.5	364
1995	2,950	13,275	1.5	199
1996	3,000	14,400	0.2	29
1997	2,800	12,320	2.6	320
1998	3,030	13,332	2.1	280
1999	2,779	10,282	0.5	51

1/ Excludes broilers.Table 83. BROILERS: Production and Value, 1990-1999 1/

Year	Number produced	Pounds produced	Price per pound	Value of production
	<u>1,000</u>	<u>1,000</u>	<u>Cents</u>	<u>1,000 dol.</u>
1990	2,400	11,040	33.0	3,643
1991	2,000	9,000	31.5	2,835
1992	930	4,278	32.0	1,369
1993	1,000	4,500	34.0	1,530
1994	1,200	5,600	34.0	1,904
1995	1,400	6,900	34.5	2,381
1996	1,500	8,000	41.0	3,280
1997	1,400	7,000	39.0	2,730
1998	1,900	9,900	41.0	4,059
1999	2,000	11,000	39.0	4,290

1/ Marketing year for broiler data is preceding December through November.Table 84. EGGS: Production and Value, 1990-1999 1/

Year	Annual average number of layers	Egg per layer	Eggs produced	Price per dozen	Value of production
	<u>1,000</u>	<u>Number</u>	<u>Millions</u>	<u>Cents</u>	<u>1,000 dol.</u>
1990	3,658	267	975	68.1	55,331
1991	3,687	268	987	64.0	52,640
1992	3,808	273	1,040	53.9	46,713
1993	3,784	272	1,028	60.7	52,000
1994	3,784	277	1,049	57.2	50,002
1995	3,862	277	1,071	62.6	55,871
1996	3,773	276	1,042	77.1	66,949
1997	3,382	275	931	66.6	51,671
1998	3,473	284	986	62.4	51,272
1999	3,633	280	1,017	55.6	47,121

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

Table 85. CHICKENS: Number of Layers and Egg Production,
by Months, 1990 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LAYERS (Thousands)												
1990	3,650	3,700	3,775	3,700	3,575	3,525	3,625	3,625	3,575	3,675	3,725	3,725
1991	3,751	3,725	3,701	3,700	3,600	3,600	3,650	3,600	3,675	3,725	3,801	3,850
1992	3,876	3,950	3,875	3,750	3,725	3,775	3,800	3,725	3,775	3,800	3,800	3,800
1993	3,725	3,726	3,776	3,850	3,875	3,751	3,775	3,776	3,775	3,826	3,750	3,809
1994	3,809	3,819	3,795	3,768	3,670	3,685	3,725	3,716	3,770	3,886	3,961	3,888
1995	3,819	3,852	3,840	3,727	3,711	3,730	3,842	3,995	3,960	3,964	4,020	4,019
1996	3,974	3,847	3,928	4,002	3,947	3,807	3,635	3,610	3,495	3,467	3,547	3,455
1997	3,399	3,463	3,412	3,280	3,354	3,433	3,402	3,331	3,217	3,343	3,500	3,419
1998	3,369	3,436	3,529	3,483	3,433	3,485	3,495	3,452	3,448	3,530	3,602	3,577
1999	3,616	3,722	3,724	3,655	3,589	3,531	3,514	3,599	3,659	3,687	3,732	3,851
2000	3,899	3,874	4,001	3,989								
EGGS PER LAYER (Number)												
1990	22.74	20.00	22.52	22.16	22.66	22.13	22.90	22.62	22.10	22.04	21.74	22.82
1991	22.66	21.21	23.51	21.35	21.67	21.94	23.56	23.06	22.04	22.28	21.57	23.38
1992	23.22	21.27	22.45	22.13	23.09	22.25	22.89	23.36	22.52	23.68	22.89	23.16
1993	23.09	20.67	23.04	22.34	22.71	21.86	23.05	23.31	22.52	23.52	22.40	23.37
1994	23.37	20.95	23.45	22.56	22.89	22.52	23.62	23.95	23.34	23.93	23.23	23.92
1995	23.57	21.29	23.96	22.54	22.90	23.06	23.69	23.53	22.47	23.46	22.89	23.64
1996	23.65	21.84	23.17	22.99	23.82	22.33	22.83	22.99	22.60	23.65	22.55	23.44
1997	23.24	21.08	22.86	22.26	23.26	22.43	23.52	23.42	22.69	23.93	23.14	23.98
1998	24.04	21.83	23.80	23.26	24.47	23.82	24.61	24.04	22.91	23.80	23.32	24.32
1999	24.06	21.49	23.90	22.98	23.40	22.94	23.62	23.62	22.68	23.87	23.04	23.37
2000	23.60	22.20	23.74	23.06								
TOTAL EGG PRODUCTION (Million eggs)												
1990	83	74	85	82	81	78	83	82	79	81	81	85
1991	85	79	87	79	78	79	86	83	81	83	82	90
1992	90	84	87	83	86	84	87	87	85	90	87	88
1993	86	77	87	86	88	82	87	88	85	90	84	89
1994	89	80	89	85	84	83	88	89	88	93	92	93
1995	90	82	92	84	85	86	91	94	89	93	92	95
1996	94	84	91	92	94	85	83	83	79	82	80	81
1997	79	73	78	73	78	77	80	78	73	80	81	82
1998	81	75	84	81	84	83	86	83	79	84	84	87
1999	87	80	89	84	84	81	83	85	83	88	86	90
2000	92	86	95	92								
FORCED MOLT LAYERS BEING MOLTED FIRST OF MONTH (Percent of all layers)												
1990	4.0	2.0	1.5	0.5	2.5	2.5	1.0	1.0	0.5	3.0	2.0	2.0
1991	1.5	1.5	2.0	3.5	9.5	6.5	1.0	2.0	0.5	5.5	1.0	1.0
1992	3.0	3.5	2.0	0.5	5.5	4.0	2.5	2.5	2.5	0.5	2.0	1.0
1993	3.0	3.0	1.0	0.5	4.0	4.5	1.5	-	0.5	2.0	1.5	1.0
1994	0.5	3.0	1.0	2.0	2.0	3.5	1.5	0.5	3.5	2.0	-	-
1995	-	3.0	2.0	1.0	3.0	2.0	1.0	-	1.0	1.0	1.0	-
1996	-	3.0	-	-	1.5	3.0	1.5	3.0	2.0	1.0	1.0	1.0
1997	1.0	1.0	1.5	1.0	1.0	1.0	2.0	0.5	1.5	2.0	1.0	-
1998	-	-	1.0	1.0	1.5	3.0	2.5	1.0	-	1.0	-	1.0
1999	1.0	-	1.0	-	1.0	-	-	3.5	2.5	-	-	0.5
2000	1.0	1.5	1.5	0.5	1.0							
FORCED MOLT LAYERS WITH MOLT COMPLETED FIRST OF MONTH (Percent of all layers)												
1990	12.0	11.0	9.5	11.0	10.5	3.5	4.0	5.0	5.0	6.0	5.5	7.5
1991	5.5	5.5	7.5	8.0	11.5	12.5	10.5	11.5	13.5	12.5	15.0	13.0
1992	12.0	11.5	10.0	10.5	7.5	6.5	6.0	6.0	9.0	7.5	9.0	10.0
1993	10.0	8.0	8.0	9.0	10.0	12.0	11.5	12.0	8.0	8.0	9.0	5.5
1994	4.0	2.5	4.5	3.5	6.0	6.5	9.5	7.5	10.0	11.0	11.0	11.0
1995	10.0	9.0	10.0	6.0	5.0	7.0	8.0	5.0	6.0	6.0	4.5	6.5
1996	6.0	4.0	8.5	3.5	1.5	4.5	7.0	6.5	5.0	5.5	5.5	6.5
1997	6.0	4.5	5.0	3.0	2.0	1.5	0.5	2.0	2.5	7.5	3.5	3.5
1998	2.5	2.5	3.0	2.0	3.5	3.5	4.5	5.5	5.5	5.0	6.0	6.0
1999	5.5	5.5	5.5	4.5	4.5	4.0	4.0	3.0	3.5	6.0	3.5	4.0
2000	4.0	5.0	4.5	5.5	6.5							

OTHER AGRICULTURAL STATISTICS

PRICES

Annual average prices for New York produced agricultural commodities during 1999 were mixed compared with a year earlier. Prices for oats, hay, onions, and cattle and calves increased while prices for corn, wheat, potatoes, eggs, milk, hogs, and lambs declined.

New York beef producers and dairy farmers with animals to sell saw average prices increase from year-earlier levels. Steers and heifers averaged \$54.30 per hundredweight (cwt.) during the year, up 12 percent from 1998, while slaughter cows were up 2 percent to \$32.80 per cwt. over the same period. The combined price for all slaughter cattle averaged \$37.10 per cwt., up 10 percent from 1998. Calf prices averaged \$70.80 per cwt. during 1999, up 36 percent from a year earlier. At the National level, annual average prices for all slaughter cattle combined averaged 6 percent higher.

New York pork producers saw prices for hogs average \$26.10 per cwt. in 1999, down 18 percent from a year earlier. Lamb prices were down 4 percent to \$83.10 per cwt.. Table egg prices averaged 53.8 cents per dozen during the year, down 11 percent from 1998. At the U.S. level, 1999 hog prices averaged 12 percent lower, while lamb prices were up 3 percent. U.S. table egg prices declined 14 percent from the 1998 level.

Wholesale milk prices received by New York dairy farmers averaged \$14.60 per cwt. during 1999, down 5 percent from a year earlier. Annual average prices for oats and hay rose by 3 and 15 percent, respectively. Grain corn prices fell 3 percent while wheat prices declined 6 percent from year earlier levels. Onion prices increased by 20 percent while prices received for potatoes fell 4 percent.

Table 86. CONSUMER PRICE INDEX (CPI-U): All Urban Consumers,
City Average, Unadjusted, United States, 1990 to Date 1 (1982-84=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1990	127.4	128.0	128.7	128.9	129.2	129.9	130.4	131.6	132.7	133.5	133.8	133.8	130.7
1991	134.6	134.8	135.0	135.2	135.6	136.0	136.2	136.6	137.2	137.4	137.8	137.9	136.2
1992	138.1	138.6	139.3	139.5	139.7	140.2	140.5	140.9	141.3	141.8	142.0	141.9	140.3
1993	142.6	143.1	143.6	144.0	144.2	144.4	144.4	144.8	145.1	145.7	145.8	145.8	144.5
1994	146.2	146.7	147.2	147.4	147.5	148.0	148.4	149.0	149.4	149.5	149.7	149.7	148.2
1995	150.3	150.9	151.4	151.9	152.2	152.5	152.5	152.9	153.2	153.7	153.6	153.5	152.4
1996	154.4	154.9	155.7	156.3	156.6	156.7	157.0	157.3	157.8	158.3	158.6	158.6	156.9
1997	159.1	159.6	160.0	160.2	160.1	160.3	160.5	160.8	161.2	161.6	161.5	161.3	160.5
1998	161.6	161.9	162.2	162.5	162.8	163.0	163.2	163.4	163.6	164.0	164.0	163.9	163.0
1999	164.3	164.5	165.0	166.2	166.2	166.2	166.7	167.1	167.9	168.2	168.3	168.3	166.6
2000	168.7	169.7	171.1	171.2	171.3								

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

Table 87. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1990 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<u>WHEAT</u> (Dollars per bushel)													
1990	3.98	3.84	3.92	3.63	3.63	3.48	2.80	2.62	2.41	2.52	2.34	2.44	2.70
1991	2.47	2.53	2.84	2.43	2.45	2.35	2.21	2.56	2.89	3.10	3.41	3.72	3.35
1992	3.98	4.05	3.74	3.61	3.77	3.42	3.04	2.17	2.38	2.54	3.33	2.93	2.70
1993	3.11	2.85	2.88	2.74	2.37	2.96	2.93	2.94	2.80	3.10	3.36	3.16	3.30
1994	3.79	3.49	3.20	3.83	3.35	3.25	2.90	2.82	2.93	3.40	3.47	3.40	3.20
1995	3.45	3.52	3.35	3.36	3.56	3.50	3.81	3.61	3.85	4.05	4.03	4.13	4.20
1996	4.60	4.70	4.68	5.08	5.58	6.44	4.16	4.18	4.59	4.41	4.25	4.30	4.15
1997	4.08	3.98	3.73	3.82	3.72	3.75	3.18	3.35	3.51	3.56	3.43	3.37	3.35
1998	3.43	3.44	3.39	3.16	2.98	2.82	2.09	1.97	2.17	2.19	2.21	2.26	2.13
1999	2.09	2.21	2.11	2.23	2.25	2.14	1.91	2.08	2.24	2.03	1.83	2.09	2.00
2000	2.17	2.15	2.17	2.14									
<u>OATS</u> (Dollars per bushel)													
1990	1.54	1.46	1.55	1.55	1.37	1.39	1.34	1.18	1.36	1.40	1.49	1.35	1.41
1991	1.56	1.57	1.35	1.44	1.52	1.43	1.28	1.38	1.52	1.38	1.55	1.40	1.56
1992	1.69	1.69	1.82	1.95	1.83	1.78	1.80	1.60	1.33	1.27	1.32	1.31	1.43
1993	1.41	1.57	1.59	1.61	1.55	1.45	1.72	1.25	1.31	1.33	1.67	1.57	1.38
1994	1.49	1.98	1.72	1.65	1.58	1.91	1.71	1.34	1.34	1.35	1.44	1.42	1.42
1995	1.30	1.44	1.49	1.38	1.57	1.51	1.54	1.32	1.46	1.22	1.67	1.59	1.65
1996	1.97	1.99	2.00	2.09	2.25	2.31	2.62	2.09	2.21	2.23	2.51	2.41	2.10
1997	1.90	2.23	2.07	2.33	2.25	2.01	1.67	1.61	1.74	1.62	1.79	1.67	1.70
1998	1.82	1.88	1.92	1.71	1.61	1.70	1.54	1.34	1.24	1.29	1.38	1.41	1.41
1999	1.40	1.56	1.46	1.49	1.51	1.53	1.52	1.45	1.35	1.27	1.49	1.52	1.45
2000	1.61	1.41	1.48	1.50									
<u>CORN</u> (Dollars per bushel)													
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	2.62
1998	2.85	2.81	2.51	2.65	2.39	2.56	2.59	2.31	2.13	2.13	2.06	2.18	2.21
1999	2.21	2.25	2.24	2.27	2.34	2.25	2.13	2.20	2.32	2.12	2.13	2.12	2.15
2000	2.10	2.31	2.33	2.32									

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

Table 87. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1990 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<u>ALL HAY BALED</u> (Dollars per ton)													
1990	86.00	78.00	74.00	76.00	75.00	73.00	74.00	63.00	70.00	85.00	82.00	79.00	77.00
1991	83.00	83.00	79.00	78.00	77.00	75.00	73.00	74.00	85.00	79.00	79.00	77.00	77.50
1992	81.00	79.00	79.00	80.00	79.00	88.00	82.00	78.00	85.00	93.00	93.00	92.00	88.00
1993	98.00	94.00	89.00	86.00	86.00	88.00	79.00	79.00	92.00	97.00	100.00	95.00	90.50
1994	92.00	94.00	94.00	93.00	91.00	90.00	92.00	80.00	90.00	89.00	90.00	85.00	84.50
1995	83.00	87.00	82.00	81.00	81.00	84.00	78.00	77.00	75.00	78.00	85.00	91.00	85.50
1996	93.00	96.00	95.00	92.00	87.00	82.00	79.00	80.00	78.00	101.00	94.00	91.00	87.00
1997	86.00	86.00	95.00	91.00	87.00	84.00	83.00	79.00	86.00	101.00	102.00	95.00	94.00
1998	101.00	108.00	102.00	109.00	91.00	90.00	75.00	85.00	84.00	94.00	92.00	102.00	93.00
1999	101.00	105.00	91.00	102.00	102.00	102.00	92.00	107.00	106.00	120.00	114.00	115.00	107.00
2000	116.00	117.00	118.00	103.00	92.00								
<u>ALFALFA HAY BALED</u> (Dollars per ton)													
1990	96.00	90.00	85.00	90.00	85.00	85.00	84.00	69.00	78.00	97.00	87.00	86.00	85.50
1991	90.00	90.00	85.00	85.00	84.00	80.00	75.00	80.00	90.00	85.00	87.00	85.00	84.50
1992	95.00	90.00	93.00	90.00	85.00	89.00	87.00	85.00	95.00	95.00	100.00	100.00	95.50
1993	105.00	100.00	98.00	97.00	97.00	91.00	84.00	88.00	96.00	101.00	104.00	103.00	97.00
1994	100.00	100.00	98.00	100.00	96.00	103.00	105.00	91.00	92.00	94.00	95.00	90.00	93.00
1995	90.00	91.00	86.00	86.00	83.00	90.00	81.00	90.00	80.00	89.00	91.00	102.00	94.00
1996	104.00	103.00	103.00	99.00	92.00	95.00	89.00	96.00	86.00	110.00	110.00	103.00	99.50
1997	99.00	99.00	106.00	92.00	90.00	113.00	95.00	97.00	102.00	110.00	112.00	104.00	110.00
1998	111.00	113.00	128.00	142.00	92.00	97.00	92.00	101.00	99.00	99.00	98.00	118.00	105.00
1999	106.00	124.00	99.00	110.00	110.00	120.00	100.00	125.00	135.00	140.00	125.00	120.00	120.00
2000	125.00	135.00	135.00	114.00	100.00								
<u>OTHER HAY BALED</u> (Dollars per ton)													
1990	63.00	64.00	61.00	59.00	68.00	54.00	59.00	59.00	64.00	67.00	68.00	67.00	64.50
1991	73.00	72.00	66.00	68.00	67.00	65.00	70.00	70.00	80.00	75.00	75.00	72.00	72.00
1992	73.00	74.00	73.00	70.00	66.00	70.00	75.00	70.00	75.00	90.00	80.00	80.00	76.50
1993	85.00	80.00	72.00	70.00	71.00	79.00	63.00	66.00	79.00	73.00	83.00	72.00	74.50
1994	77.00	80.00	80.00	78.00	75.00	70.00	68.00	68.00	84.00	80.00	80.00	76.00	75.00
1995	75.00	82.00	75.00	73.00	79.00	79.00	73.00	60.00	60.00	70.00	75.00	75.00	72.00
1996	76.00	68.00	81.00	80.00	70.00	69.00	68.00	69.00	55.00	75.00	65.00	79.00	74.50
1997	79.00	79.00	84.00	89.00	85.00	71.00	75.00	60.00	79.00	88.00	88.00	85.00	80.50
1998	92.00	106.00	76.00	76.00	89.00	83.00	64.00	75.00	72.00	88.00	88.00	88.00	82.00
1999	93.00	93.00	81.00	91.00	91.00	90.00	80.00	80.00	70.00	90.00	100.00	100.00	89.50
2000	105.00	95.00	100.00	86.00	80.00								

1/ June through May.

Table 88. PRICES RECEIVED BY FARMERS: Selected Commodities,
Monthly and Marketing Year Average, 1990 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<u>APPLES, COMMERCIAL CROP FRESH CONSUMPTION</u> (Dollars per cwt.)													
1990	14.00	14.60	15.40	15.00	15.00	-	-	-	22.20	15.50	15.70	16.10	17.80
1991	16.50	18.10	18.30	18.70	18.70	18.70	-	-	21.00	17.70	17.10	18.40	20.10
1992	20.00	22.20	20.80	21.50	21.50	21.50	-	-	16.20	14.40	15.10	13.60	14.20
1993	13.50	13.50	13.90	14.00	14.00	14.00	-	-	17.30	16.00	18.50	17.40	17.40
1994	16.80	17.40	17.40	17.90	18.00	18.00	-	-	16.70	16.40	16.90	14.10	18.00
1995	17.20	18.60	19.60	19.30	-	-	-	-	16.60	19.20	18.40	19.40	18.70
1996	18.30	19.30	18.90	18.30	18.20	-	-	-	19.30	18.20	18.40	17.30	17.70
1997	17.70	17.20	17.20	17.50	18.10	-	-	-	18.20	18.30	16.70	17.20	17.60
1998	17.50	17.50	17.80	17.50	18.70	-	-	-	17.60	17.70	16.60	14.50	15.80
1999	14.70	14.80	15.70	16.60	18.40	-	-	-	17.50	17.10	16.70	16.60	16.50
2000	16.30	16.40	16.70	16.70	16.50	16.10							
<u>ONIONS</u> (Fresh Market) (Dollars per cwt. f.o.b. shipping point)													
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	9.80
1997	9.10	8.10	7.65	8.40	-	-	-	26.80	15.00	12.00	11.60	11.50	12.70
1998	11.50	12.80	14.50	15.30	-	-	-	31.40	17.40	15.00	14.30	17.10	16.30
1999	19.30	18.80	13.70	10.30	-	-	-	21.90	17.10	14.00	12.20	11.30	13.40
2000	10.00	9.20	8.60	9.30	-	-	-						
<u>POTATOES</u> (Dollars per cwt.)													
1990	9.85	9.35	8.95	10.20	9.95	-	-	7.60	6.85	6.75	7.20	7.30	7.40
1991	7.85	9.15	8.95	9.05	10.10	-	9.00	9.00	9.00	9.00	7.80	8.80	8.70
1992	8.70	8.65	8.75	9.15	9.30	-	-	6.95	6.30	5.95	6.80	6.45	6.65
1993	6.80	7.15	6.95	7.85	8.50	8.30	-	7.20	6.75	7.15	8.00	8.70	8.20
1994	9.20	9.65	9.95	10.70	10.80	10.80	-	14.00	11.00	9.20	9.45	9.25	9.75
1995	9.25	9.25	9.35	9.65	9.65	-	-	7.80	7.85	7.25	7.25	7.15	7.45
1996	7.30	7.90	8.35	8.35	-	-	-	7.25	7.25	7.00	6.80	6.70	7.30
1997	6.70	7.05	7.10	7.10	7.10	-	-	11.50	9.05	8.70	8.60	8.30	8.75
1998	8.05	8.00	8.40	8.40	9.85	-	-	9.50	9.40	9.40	9.40	8.90	9.35
1999	9.10	9.20	9.30	9.30	-	-	-	9.75	9.60	8.90	8.95	8.30	9.00
2000	8.10	8.10	8.05	8.25	-	-	-						

1/ July through June.

Table 88. PRICES RECEIVED BY FARMERS: Selected Livestock Commodities,
Monthly and Marketing Year Average, 1990 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<u>BEEF CATTLE</u> <u>2/</u> (Dollars per cwt.)													
1990	49.50	48.90	49.40	49.70	50.60	55.60	53.60	53.70	53.70	52.60	48.60	49.90	51.10
1991	50.00	51.00	49.90	52.50	54.60	53.00	50.30	51.20	49.20	48.20	46.30	46.60	50.00
1992	46.40	48.20	48.00	48.00	50.80	50.30	49.70	48.50	48.80	47.90	45.70	47.30	48.20
1993	48.20	49.80	48.10	48.80	51.90	49.90	49.00	47.10	47.80	50.80	46.40	46.80	48.70
1994	48.40	48.10	47.10	47.30	45.30	42.60	42.00	41.30	41.90	41.30	40.50	39.90	43.90
1995	41.60	43.30	40.80	40.00	40.10	40.00	37.40	37.00	34.50	33.40	30.50	31.50	37.20
1996	31.40	32.50	31.00	31.10	32.20	30.70	30.80	31.70	30.70	30.50	29.00	30.50	31.00
1997	32.30	33.30	36.20	37.20	37.70	37.70	37.10	35.80	33.30	32.80	30.80	31.60	34.50
1998	31.60	34.60	35.10	35.70	36.60	36.60	33.70	33.20	31.40	30.70	30.90	31.70	33.80
1999	33.50	33.90	33.50	33.70	36.60	36.30	32.70	35.10	33.30	35.70	35.60	35.90	35.10
2000	36.80	36.90	38.50	39.40									
<u>STEERS AND HEIFERS</u> (Dollars per cwt.)													
1990	59.40	57.40	58.60	61.20	61.80	70.10	67.70	68.50	67.40	68.70	66.60	66.60	66.50
1991	66.60	67.30	66.90	69.10	68.90	65.30	64.30	63.50	63.10	62.20	60.60	59.20	64.40
1992	60.30	62.90	64.30	63.90	64.40	64.90	64.60	63.50	64.30	63.30	61.60	63.00	63.40
1993	66.50	69.50	67.90	69.00	69.10	66.20	66.00	64.50	65.40	63.30	61.00	63.20	66.20
1994	64.20	63.50	64.70	64.50	59.10	56.40	56.50	55.50	56.10	55.40	55.50	55.60	59.40
1995	58.40	59.60	57.20	55.00	55.40	54.60	53.00	54.60	52.00	48.00	46.00	47.00	52.50
1996	46.20	48.80	46.50	45.00	44.20	44.80	46.30	45.90	47.50	41.90	41.60	42.30	44.50
1997	48.50	48.70	51.30	53.00	52.20	52.90	54.50	60.90	51.50	47.70	44.70	44.00	50.30
1998	44.00	47.90	49.80	52.70	52.50	52.50	49.20	49.70	46.50	46.50	45.90	43.40	48.70
1999	50.20	49.20	51.70	52.30	52.80	52.70	50.80	56.70	53.80	57.50	58.50	54.60	54.30
2000	58.70	56.20	59.40	60.10									
<u>SLAUGHTER COWS</u> (Dollars per cwt.)													
1990	48.90	48.60	48.70	48.90	50.00	51.70	50.70	50.30	49.80	47.50	45.10	46.70	48.70
1991	46.60	48.30	47.50	48.50	51.30	50.70	47.50	48.40	46.50	44.60	43.20	43.90	47.00
1992	43.20	45.30	44.70	44.30	47.00	46.20	45.60	45.50	44.40	43.50	42.60	44.10	44.60
1993	45.20	47.40	44.90	43.70	48.10	47.50	46.70	45.00	43.70	43.20	42.00	42.70	45.00
1994	44.40	45.20	44.20	43.30	42.70	40.90	40.40	40.10	39.80	39.70	37.80	37.60	41.30
1995	39.10	41.10	38.60	37.90	37.60	37.80	35.50	35.00	32.50	31.40	28.80	29.80	35.30
1996	30.10	31.10	30.00	29.70	31.00	29.60	29.80	30.80	30.00	28.90	27.60	29.50	29.80
1997	30.90	32.10	34.50	35.60	35.70	35.80	35.40	32.70	31.30	30.80	29.20	30.40	32.80
1998	30.40	33.60	33.50	33.80	34.80	35.20	32.50	31.80	29.90	29.10	29.60	30.50	32.30
1999	32.00	32.40	31.90	31.60	35.00	35.10	31.10	33.50	31.80	32.70	33.10	34.10	32.80
2000	35.20	35.20	36.70	37.60									

1/ January through December.

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

Table 88. PRICES RECEIVED BY FARMERS: Selected Livestock Commodities, Monthly and Marketing Year Average, 1990 to Date (Continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Mktg. yr. avg. <u>1/</u>
<u>CALVES</u> (Dollars per cwt.)													
1990	105.00	102.00	94.00	117.00	124.00	121.00	108.00	106.00	113.00	93.00	76.10	83.20	104.00
1991	93.80	94.70	110.00	125.00	147.00	142.00	124.00	116.00	112.00	113.00	96.90	92.50	114.00
1992	102.00	110.00	107.00	115.00	107.00	106.00	104.00	90.20	100.00	101.00	89.60	95.80	102.00
1993	106.00	112.00	97.30	100.00	121.00	133.00	114.00	113.00	114.00	105.00	99.00	108.00	111.00
1994	105.00	106.00	96.00	99.00	112.00	112.00	85.00	87.00	84.00	89.50	83.00	80.00	95.80
1995	71.00	78.00	80.00	81.00	83.00	80.00	57.50	62.00	60.50	59.00	56.00	57.00	68.30
1996	52.00	48.00	43.20	51.40	60.40	44.90	33.20	36.70	37.80	41.40	46.00	35.40	40.00
1997	42.10	49.00	41.00	46.90	62.20	58.50	38.80	47.50	49.70	53.10	43.20	47.50	48.20
1998	47.50	58.00	51.50	56.70	64.10	53.00	47.40	50.30	44.30	50.00	50.80	53.10	51.90
1999	55.90	66.40	58.60	68.40	75.00	77.80	69.70	71.10	64.50	76.90	79.70	85.50	70.80
2000	89.60	91.70	91.70	125.70									
<u>MILK, WHOLESALE</u> (Dollars per cwt.)													
1990	16.40	15.50	14.80	13.90	13.90	14.40	15.00	15.50	15.40	14.30	13.80	12.20	14.60
1991	12.10	11.90	11.80	11.70	11.60	11.70	12.40	12.80	13.30	14.20	14.30	14.20	12.70
1992	13.80	13.20	12.60	12.90	12.90	13.40	13.60	13.80	14.00	13.90	13.60	13.20	13.40
1993	12.70	12.40	12.30	12.60	13.00	13.50	13.10	12.60	12.80	13.20	14.10	13.90	13.00
1994	14.00	13.70	13.80	13.80	13.40	13.00	12.40	12.70	13.20	13.30	13.50	13.20	13.30
1995	12.80	12.80	13.00	12.70	12.70	12.30	12.40	12.60	12.90	13.40	14.10	14.20	13.00
1996	14.20	13.90	13.90	13.90	14.30	14.70	15.50	15.70	16.30	16.30	15.50	14.40	14.90
1997	13.20	13.20	13.60	13.30	13.00	12.30	12.00	12.50	13.10	14.10	14.60	14.60	13.40
1998	14.70	14.90	14.70	14.20	13.40	14.00	14.00	15.30	16.60	17.50	17.70	18.20	15.40
1999	18.10	15.90	16.00	12.50	12.90	13.00	13.60	14.50	15.90	15.70	15.40	12.50	14.60
2000	12.80	12.70	12.80	12.90									
<u>MILK COW HERD REPLACEMENTS</u> (Dollars per head)													
1990	1,050	1,070	1,070	1,070	1,070	1,080	1,100	1,130	1,140	1,160	1,150	1,060	1,100
1991	1,030	1,010	1,000	1,020	1,030	1,040	1,040	1,050	1,050	1,040	1,030	1,040	1,030
1992	1,050	1,060	1,050	1,060	1,070	1,070	1,080	1,090	1,090	1,090	1,090	1,090	1,070
1993	1,080	1,080	1,090	1,090	1,090	1,090	1,100	1,110	1,110	1,110	1,090	1,100	1,100
1994	1,100	1,100	1,090	1,090	1,110	1,110	1,090	1,090	1,080	1,080	1,090	1,100	1,090
1995	1,100	1,110	1,110	1,110	1,110	1,120	1,110	1,090	1,080	1,050	1,030	1,010	1,090
1996 ^{2/}	1,010	-	-	1,000	-	-	1,000	-	-	1,030	-	-	1,010
1997	1,000	-	-	1,000	-	-	1,000	-	-	980	-	-	1,000
1998	980	-	-	1,000	-	-	1,020	-	-	1,050	-	-	1,010
1999	1,150	-	-	1,150	-	-	1,200	-	-	1,250	-	-	1,190
2000	1,200	-	-	1,200	-	-							
<u>TABLE EGGS</u> (Cents per dozen)													
1990	76.9	66.3	74.7	64.0	51.6	54.4	51.2	59.0	62.6	69.0	70.9	74.0	65.7
1991	71.5	61.7	77.9	60.0	52.0	48.6	64.2	53.0	55.3	58.1	58.3	67.2	61.5
1992	52.5	44.3	48.1	49.8	42.3	49.2	42.3	48.6	54.4	53.8	62.2	60.3	51.3
1993	61.4	54.7	76.3	59.9	53.1	60.4	49.9	56.7	49.3	56.4	59.0	58.3	58.1
1994	52.2	59.3	64.9	54.4	53.7	46.7	48.7	56.5	58.5	52.5	55.9	58.4	55.1
1995	54.5	54.8	53.1	55.4	48.4	54.1	69.1	62.4	67.1	70.8	80.7	82.8	61.0
1996	88.1	73.0	79.4	72.3	66.8	66.9	70.9	76.6	77.1	74.0	85.0	90.0	76.1
1997	74.6	67.8	66.0	60.6	60.7	54.3	60.2	55.2	62.0	62.2	75.0	72.3	65.3
1998	70.3	57.3	65.3	56.4	46.0	52.0	53.0	60.0	65.2	61.6	69.2	71.7	60.7
1999	69.8	60.2	63.6	51.0	44.4	40.5	52.1	49.1	48.1	41.0	52.8	51.1	53.8
2000	46.1	56.0	47.3	59.0	44.0								

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

Table 89. PRICES RECEIVED BY FARMERS: Selected Commodities,
Marketing Year Average, 1990-1999

Year	Hogs	Sheep	Lambs
	<i>Dollars per cwt.</i>		
1990	49.40	21.50	58.90
1991	45.40	19.80	54.40
1992	38.10	26.80	66.30
1993	40.80	25.50	67.30
1994	36.70	25.10	68.50
1995	36.90	31.40	89.60
1996	43.20	30.10	89.60
1997	45.40	40.20	100.00
1998	31.70	37.30	86.70
1999	26.10	36.40	83.10

Table 90. PRICES PAID BY FARMERS: Fertilizer, Northeast 1, 1990-2000

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>						
1990	158	172	199	197	207	215	25.30
1991	167	180	205	205	225	243	23.10
1992	152	165	194	193	216	221	25.70
1993	155	163	185	186	201	226	26.60
1994	155	168	192	197	215	233	27.10
1995 <u>2</u> /	165	179	223	229	254	316	22.30
1996	179	185	228	233	265	328	23.30
1997	158	178	225	230	266	287	27.60
1998	158	176	225	220	264	221	29.80
1999	165	173	211	193	264	180	25.40
2000	165	174	209	198	253	201	27.00

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 91. PRICES PAID BY FARMERS: Selected Feeds and Fuels, Northeast ^{1/}, 1990-2000

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>				
1990	284	177	219	229	194
1991	273	172	211	202	188
1992	270	174	215	218	194
1993	278	171	210	213	201
1994	280	181	220	208	211
1995 <u>2/</u>	255	175	207	199	199
1996	287	226	254	293	243
1997	324	216	256	297	260
1998	278	199	241	280	216
1999	276	175	227	254	210
2000	284	174	221	270	212
Year	Bran	Corn Meal	Soybean Meal, 44% Protein	Molasses, Liquid	Stock Salt
	<i>Dollars per cwt.</i>				
1990	10.18	8.88	13.25	8.20	9.60
1991	9.93	8.40	12.90	8.38	9.75
1992	10.13	8.60	12.70	8.50	9.70
1993	10.25	8.33	13.35	8.90	9.60
1994	10.35	9.28	14.10	8.88	10.15
1995 <u>2/</u>	10.00	8.40	12.80	9.20	10.60
1996	12.50	11.30	15.80	9.40	10.20
1997	13.20	10.90	18.00	9.40	10.80
1998	12.60	10.20	14.20	9.40	11.00
1999	12.30	8.50	12.20	9.30	10.80
2000	12.20	8.80	13.50	9.40	5.50
Year	Gasoline, Unleaded, Bulk Delivery <u>3/</u>	Gasoline, Unleaded, at Service Station	Diesel Fuel, Bulk Delivery	L-P Gas, Per Gallon	
	<i>Dollars per gallon</i>				
1990	1.190	1.160	1.080	1.180	
1991	1.250	1.230	.995	1.090	
1992	1.180	1.170	.910	1.100	
1993	1.200	1.140	.900	1.110	
1994	1.135	1.108	.853	1.078	
1995 <u>2/</u>	1.170	1.150	.850	1.100	
1996	1.300	1.230	1.020	1.170	
1997	1.330	1.260	.960	1.210	
1998	1.170	1.080	.810	1.050	
1999	1.170	1.100	.750	1.020	
2000	1.580	1.520	1.270	1.330	

^{1/} Northeast region includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.^{2/} Prices prior to 1995 are annual averages. Beginning 1995, prices refer to April 1.^{3/} Prices prior to 1993 represent gasoline, regular, bulk delivery.

Table 92. AGRICULTURAL LABOR: Wage Rates for Hired Workers, Number of Workers, and Hours Worked, January, April, July, October, and Annual, 1996 to Date 1/

Year		Wage Rates by Type of Work				Number of hired workers	Hours worked per week by hired workers
		All hired workers	Field and livestock workers	Field workers	Livestock workers		
		<i>Dollars per hour</i>				<i>1,000</i>	<i>Hours</i>
<u>NORTHEAST 1</u>							
<u>January</u>	1996	7.12	6.30	7.53	5.63	28.0	40.3
	1997	7.45	6.82	7.78	6.28	29.0	38.6
	1998	7.54	6.96	8.60	6.22	32.0	38.0
	1999	7.75	7.20	8.08	6.61	30.0	37.5
	2000	8.51	7.54	8.12	7.22	23.0	36.9
<u>April</u>	1996	7.27	6.93	7.47	6.20	33.0	40.9
	1997	7.22	6.59	7.11	5.67	40.0	41.0
	1998	7.55	7.29	8.01	6.09	37.0	37.6
	1999	8.34	7.92	8.18	7.34	40.0	38.0
	2000	8.51	7.94	8.41	7.37	35.0	36.1
<u>July</u>	1996	6.98	6.55	6.80	5.97	49.0	39.1
	1997	7.15	6.81	6.99	6.41	49.0	37.2
	1998	7.59	7.12	7.27	6.80	48.0	39.8
	1999	7.86	7.47	7.87	6.69	48.0	36.9
	2000						
<u>October</u>	1996	7.36	6.92	7.21	6.28	52.0	40.7
	1997	7.49	7.09	7.39	6.45	46.0	40.4
	1998	7.82	7.32	7.52	6.90	43.0	39.6
	1999	8.46	7.99	8.21	7.58	44.0	39.7
<u>Annual</u>	1996	7.19	6.71	7.14	<u>2/</u>	40.5	40.2
	1997	7.63	6.84	7.23	<u>2/</u>	41.0	39.3
	1998	7.63	7.18	7.65	<u>2/</u>	40.0	38.9
	1999	8.12	7.68	8.08	<u>2/</u>	40.5	38.0
<u>NEW YORK</u>							
<u>Annual</u>	1996	6.73	6.27	6.55	<u>2/</u>	20.5	41.1
	1997	7.21	6.80	7.32	<u>2/</u>	20.0	41.4
	1998	7.10	6.93	7.25	<u>2/</u>	20.5	39.7
	1999	7.80	7.49	7.87	<u>2/</u>	21.5	38.7

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

2/ Insufficient data for this category.

Table 93. COLD STORAGE CAPACITY: Number of Refrigerated Warehouses and Gross Refrigerated Space, by Type, October 1, 1983-1999

Category	1983	1985	1987	1989	1991	1993	1995	1997	1999
	<i>Number</i>								
<u>REFRIGERATED WAREHOUSES:</u>									
Public	43	38	36	42	41	35	34	35	37
Private and semi-private	86	77	73	66	64	62	56	51	48
Apple Storages:									
All (Regular and CA) <u>1/</u>	186	185	186	187	169	174	172	156	156
CA (Controlled Atmosphere)	101	100	104	106	97	101	100	95	93
TOTAL	315	300	295	295	274	271	262	242	241
	<i>1,000 cu. ft.</i>								
<u>GROSS REFRIGERATED SPACE:</u>									
General Storages:									
Public	43,810	37,562	48,897	57,910	61,128	53,487	50,364	53,708	51,096
Private and Semi-Private	21,989	20,610	25,275	32,888	31,169	29,003	34,693	30,782	33,111
Apple Storages:									
All (Regular and CA)	30,507	32,232	31,021	32,782	29,489	31,285	32,113	34,664	35,251
TOTAL <u>2/</u>	96,306	90,404	105,193	123,580	121,786	113,774	117,170	119,154	119,458
Apple Storages:									
CA (Controlled Atmosphere)	5,649	5,970	5,877	6,048	5,750	6,170	6,429	6,996	7,053
	<i>1,000 bushels</i>								

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

2/ Total may not add due to rounding.

Table 94. COLD STORAGE CAPACITY: Refrigerated Space by Type of Warehouse and Total Capacity, October 1, 1999

Type of Refrigerated Warehouse	Storages	Gross Space			Usable Space		
		Cooler	Freezer	Total	Cooler	Freezer	Total
	<i>Number</i>	<i>1,000 cu. ft.</i>					
<u>GENERAL STORAGEES:</u>							
Public	37	10,248	40,848	51,096	7,370	27,827	35,197
Private and semi-private	48	14,611	18,500	33,111	10,456	13,428	23,884
<u>APPLE STORAGEES:</u>							
All (Regular and CA)	156	35,251	-	35,251	29,886	-	29,886
TOTAL <u>1/</u>	241	60,110	59,348	119,458	47,712	41,255	88,967

1/ Total may not add due to rounding.

1999 WEATHER SUMMARY

JANUARY temperatures averaged 0.8 degrees warmer than normal. Precipitation averaged 4.36 inches, 169% of normal.

FEBRUARY was New York's seventh consecutive warmer-than-normal month. The month averaged 5.5 degrees warmer than normal. February was also a very dry month. The state averaged only 1.29 inches of precipitation (*rain and melted snow*) for the month, which represented 53% of the February normal. This was the 5th driest February on record. Snowfall was below normal nearly everywhere in the state.

MARCH broke New York's string of seven consecutive warmer-than-normal months. The state averaged 1.6 degrees cooler than normal. March was wetter than normal across most of the state. The state received 135% of the March normal.

APRIL temperatures were 1 degree warmer than normal. Precipitation was lacking across most of the state. Only the far western reaches of the state reported a monthly excess. It was the state's 6th driest April in 105 years of record and the driest since 1941.

MAY was a warm and dry month. The average precipitation amount was 2.59 inches, which represented 72% of normal. The average temperature was 3 degrees warmer than normal, the warmest May since 1991.

JUNE was hot and dry. Most places saw the mercury hit the 90 degree mark on as many as 8 days during the course of the month. The average temperature was 3.7 degrees warmer than normal. This made it the 7th hottest June in 105 years. All sections of the state reported June to be a very dry month. The state overall averaged just 57% of the normal June precipitation allotment for the 12th driest June on record. The lack of precipitation, along with the warm temperatures, resulted in an intensification of drought conditions in the Empire State. Most places were classified by the Palmer Drought Severity Index as experiencing moderate to severe drought by the end of the month.

JULY was the 5th warmest July in 105 years of record. It was the warmest July since 1955. Rainfall totals ranged from less than an inch to well over six inches. The average amount for the state was 3.21 inches or 90% of normal. The Coastal Division was very dry, averaging only 33% of normal. Areas from the Mohawk Valley north were generally wetter than normal. The St. Lawrence Valley averaged 5.35 inches (*155% of normal*).

AUGUST continued dry. Average precipitation amount was 2.92 inches or 75% of normal. This summer (*June-August*) there was only an average of 8.33 inches of rainfall in New York (*74% of normal*). This makes it the 9th driest summer on record and the driest since 1953. Temperatures averaged just 0.1 degrees cooler than normal.

SEPTEMBER 1999 was the second wettest September on record, thanks in large part to Hurricane Floyd. Precipitation averaged 6.96 inches, which is nearly double (*185%*) the monthly normal. September was also quite warm with all weather stations reporting monthly averages that were warmer than normal. The state averaged 3.6 degrees warmer than normal. This was the 7th warmest September on record.

OCTOBER precipitation total was 3 inches which represents 91% of the normal monthly amount. Northern portions of the state were wetter than normal. Temperatures were cooler than normal despite a couple of very warm days at the end of the month. Temperatures overall averaged 1 degree cooler than the October normal.

NOVEMBER temperatures were unseasonable warm. Average temperature for the state was 4.8 degrees warmer than normal. This was warm enough to make it the warmest November since 1975 and the 4th warmest since comparable records began in 1895. Precipitation averaged 3.08 inches, which was 82% of normal.

DECEMBER temperatures averaged 3.5 degrees above normal. Precipitation totaled 2.03 inches, only 61% of normal.

THE TOP 9 OF 1999

The Most Significant Weather Events of the Year in the Northeastern United States

From hurricanes to droughts and snow storms to heat waves, there were several noteworthy weather events that transpired in the northeastern United States during 1999. Climatologists at the Northeast Regional Climate Center at Cornell University identified nine weather events that will be remembered for the significant impacts they had on the region.

1) The Drought (Summer)

Perhaps the most costly weather event of 1999 was not a devastating storm, but the drought that climaxed during the summer months. The dry conditions that prevailed during the second half of 1998 were the prelude to this year's drought. Between the months of July and December 1998 the Northeast received only 71% of the normal precipitation, for their 3rd driest such period on record. After a wet January, the months of February through August 1999 followed a similar pattern, accumulating only 76% of the normal precipitation for, again, the 3rd driest such period in 105 years of record. Precipitation deficits for the fourteen months ending in August 1999 ranged from 6 to over 14 inches across the region.

Severe drought (according to the Palmer Drought Severity Index) was reported in eastern Maryland in May and spread into parts of West Virginia during June. Drought conditions in these states intensified to "extreme" (the worst drought category) by July and continued into September. By mid-July, severe drought was reported in parts of every state in the Northeast Region. Extreme drought was noted in parts of Delaware, Pennsylvania, New Jersey and New York between late July and early September. Drought emergencies with mandatory water restrictions were declared in Maryland, Delaware, New Jersey and Pennsylvania. Counties in nine states (Connecticut, Kentucky, Maryland, New Jersey, New York, Ohio, Pennsylvania, Virginia and West Virginia) were declared agricultural drought disaster areas. Monetary losses to farmers in West Virginia alone exceeded \$80 million. Abundant rainfall during September (twice normal and the wettest on record) brought an end to drought concerns.

2) Hurricane Floyd (September 15-18)

Hurricane Floyd was a record-breaker and a drought-breaker in the Northeast. The hurricane made landfall in North Carolina during the early morning hours of September 16th. Tropical Storm Floyd moved up the eastern seaboard on the 16th and during the early hours of the 17th. The storm brought both high winds and exceptionally heavy rainfall resulting in flooding up and down the northeast coast. Rainfall associated with the storm (September 15-18) totalled over 8 inches in a corridor running from western Connecticut through the lower Hudson Valley and northern

New Jersey, and into northern Delaware. Some places within this area recorded over 12 inches of rain. Philadelphia, PA with 6.63 inches, and Albany, NY with 6.05 inches, were among the locations that set all-time 24-hour precipitation records. The storm was also a major contributor to the all-time wettest month on record in Philadelphia with 13.07 inches.

Ten states were declared major disaster areas as a result of Floyd, including Connecticut, Delaware, Maryland, New Jersey, New York and Pennsylvania in the Northeast, and Florida, North Carolina, South Carolina and Virginia to the south. Total damage estimates exceed \$6 billion (not just the Northeast). A total of 75 people lost their lives in the storm, including 21 in the northeast states. Over 1.5 million northeast electric customers lost their power at some point during the storm.

3) July Heat Wave (July 4-6)

An oppressive heat wave hit the Northeast over the Independence Day weekend as the Bermuda High established itself off the Mid-Atlantic Coast and pumped hot, humid air across the region. The heat wave, which peaked between July 4th and 6th pushed temperatures above 90 degrees F over all but the northern portions of the region and temps hit triple-digits from Long Island through Maryland. Over 150 heat-related deaths were reported around the region and hundreds more people were hospitalized as the heat index climbed to around 115 degrees in some locations. Energy demand was enormous, in many cases exceeding available resources. Several utilities reported all-time peak electric consumption during this period and some were forced to implement "rolling blackouts". Thousands of chickens succumbed to the heat and some areas reported fish dying as the temperatures of streams reached unprecedented levels. Some roads were closed when the intense heat caused the pavement to buckle.

Dozens of daily record temperatures were broken, including 103 degrees in Newark, NJ on the 5th. Islip (Long Island), NY, reported their all-time record high temperature of 102 degrees on the 5th. New York City reported highs of 101 degrees on the 5th and 6th, marking only the 49th and 50th triple-digit temperatures in its 130 years of weather record-keeping. Harrisburg, PA, Atlantic City, NJ and New York City reported their warmest Julys on record. It was the 7th warmest July on record for the twelve-state northeast region.

4) Western New York Snow Storm (March 3-4)

Deep low pressure moved north from West Virginia across New York to Quebec between March 3rd and March 4th. Heavy snow fell at the rate of up to two to three inches per

hour in places. Across Monroe and Wayne Counties in New York, snowfall amounts were the greatest with over two feet reported. Some higher-elevation locations in Maryland, West Virginia and western Pennsylvania reported 12 to 16 inches of snow. High winds associated with the storm resulted in blizzard or near-blizzard conditions and drifts reached four to five feet in places. A portion of the New York State Thruway was closed, stranding several hundred cars. Six western New York counties were declared Federal Disaster Areas and several were declared State Disaster Areas. The National Guard was called in to help remove cars, rescue stranded motorists and deliver food and medical supplies. Two days later (March 6), Rochester, NY received another 18.4 inches of snow, bringing the three-day total to 40.7 inches. This established several new snowfall records for that city, including a record snow depth of 36 inches.

5) Late-Season Coastal Snowstorm (March 14-15)

A low pressure system developed along the Gulf Coast on the morning of the 13th. During the morning of the 14th, it moved into Alabama and was located just east of the Delmarva Peninsula around daybreak of the 15th. The storm intensified and moved rapidly offshore on the 15th and reached Nova Scotia the morning of the 16th. Some areas reported snowfall rates of 1-2 inches per hour at the height of the storm. The heavy snow caused many travel problems throughout the region. The heavy, wet snow also took down trees and power lines in several areas. In eastern Pennsylvania, about 189,000 customers lost power, which ranked as one of the regional utility's ten worst outages on record.

The rain/snow line moved back and forth across southern New Jersey, Delaware and eastern Maryland, limiting snowfall totals to anywhere from less than 2 to over 5 inches. In West Virginia and the Maryland panhandle, snow totals ranged between 5 and 15 inches. Six to twelve inches was reported across much of Pennsylvania, northern New Jersey, eastern New York and southern New England. Northern Maine had 4 to 8 inches, while the southern portion of that state reported 12 to 17 inches. Northwestern Pennsylvania, western, central and northern New York and Vermont avoided this storm, with little or no snow reported.

6) Mixed Bag of Precipitation (January 13-15)

An extremely cold arctic air mass moved slowly across the Northeast on January 13 and January 14. A low pressure system developed on the 13th over the Tennessee Valley, and moved into the Mid Atlantic region and finally up New York's Hudson River over the next few days, spreading precipitation region wide from early on the 13th through midday on the 15th. The precipitation began as snow in most places, but as warmer air was pulled into the storm later in the period, many places saw the snow change to freezing rain. Total liquid equivalent was on the order of 2 inches across much of the region.

Ice accumulations from one quarter to nearly one inch occurred across much of Delaware, West Virginia, Maryland and the District of Columbia. The ice this storm left behind had a large impact on the region. Hundreds of car accidents, slip and fall injuries, downed trees, and power outages were reported.

New Jersey, southeastern New York and southern New England averaged around 2 inches of snow. Elsewhere, the precipitation remained in the form of snow through most of the storm, resulting in more significant accumulations. Six to ten inch snowfall totals were quite common across western Pennsylvania, New York, Massachusetts and Vermont. Two to six inches was reported across New Hampshire and Maine. Northeast winds off the warmer waters of the Atlantic Ocean produced "ocean effect" snow squalls along the eastern coast of Massachusetts. Total snowfall in this area ranged from 10 to 16 inches.

7) Flooding (August 25-26)

A line of thunderstorms affected southern portions of the region on the evening of August 25th. Washington, DC received over 2 inches of rain and some places in Maryland reported 2 to 6 inches of rain. Several creeks and small streams were out of their banks and roads in low lying areas were covered by water.

Another round of strong thunderstorms on the 26th produced torrential rain that caused serious urban and small stream flash flooding over a much larger portion of the region. Four inches of rain fell in Annapolis, MD in only 90 minutes. Rainfall amounts 3 to 7 inches were not uncommon along coastal areas. In New York City, over 3 inches of rain fell and subway service was severely disrupted as 3 to 5 feet of water collected at subway station locations. Most of the reports of serious flooding were received from Rhode Island, Connecticut, eastern Pennsylvania, New Jersey, Maryland and Delaware. The storms and associated flooding also resulted in numerous power outages and the closure of many roads around the area.

8) Hurricane Dennis (September 4-7)

After meandering off the North Carolina coast for nearly a week, the remnants of Hurricane Dennis affected the Northeast on September 4th through 7th. Its legacy included heavy rain and power outages from fallen tree limbs, both of which were mainly confined to the southern portion of the region. Tidal flooding occurred along the western shoreline of the Chesapeake Bay, with tides were 2 to 3 feet above normal at some locations. Up to 5 inches of rain fell over portions of Maryland and eastern West Virginia. Sugar Grove, WV reported over 7 inches of rain from the storm and Williamsport, PA measured 6.29 inches on the 7th-their second greatest 24-hour amount on record. Some other portions of central Pennsylvania received 3 to 5 inches of rain. Most of the rest of the Northeast averaged 1 to 2 inches, with around an inch or less in New England.

9) Lake-Effect Snow (January 1-15)

The western and northern New York lake-effect snow belts were repeatedly pounded by lake-effect storms during the first half of January 1999. Record or near-record snowfall accumulations of 4 to 6 feet were recorded across this area. Buffalo, NY reported over 60 inches of snow between January 1 and 15. Numerous structural failures and roof collapses were noted around the area. The western New York counties of Chautauqua, Cattaraugus, Erie, Niagara, Orleans, Genesee and Wyoming, as well as the northern New York counties of St. Lawrence, Lewis and Jefferson were declared Federal Disaster Areas.

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

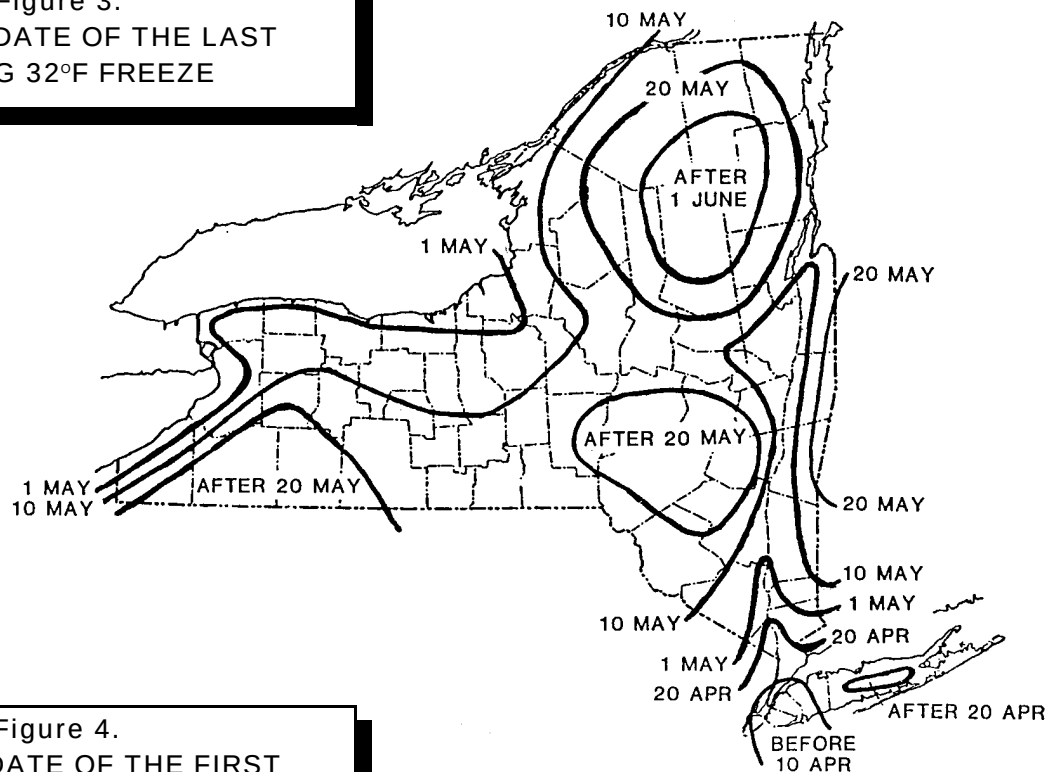


Figure 4.
AVERAGE DATE OF THE FIRST
AUTUMN 32°F FREEZE

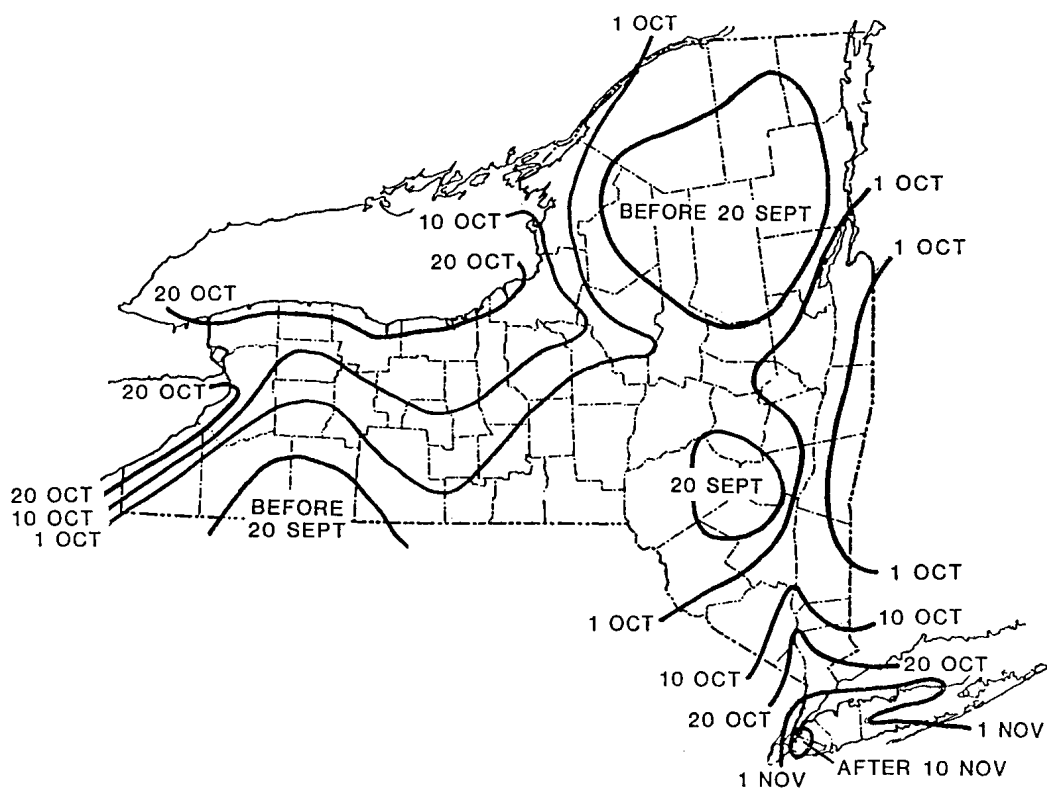


Table 95. TEMPERATURE: Departures From Normal by Months at Selected Stations, 1999

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	1.2	4.7	0.1	0.2	1.8	2.8	2.4	-0.4	3.5	-1.4	4.4	4.5
Batavia	-0.4	6.7	-2.9	1.0	3.4	3.7	4.0	<u>1/</u>	2.3	0.1	5.2	3.0
Binghamton	1.6	5.2	-2.3	0.6	3.1	2.0	2.5	-1.6	2.7	-1.8	2.4	3.1
Bridgehamton	2.6	3.1	1.3	1.8	1.2	3.0	3.5	0.0	2.0	-0.7	2.2	2.3
Buffalo	-0.1	6.5	-2.8	0.8	3.1	2.5	3.2	-1.1	2.4	-1.0	3.4	2.9
Canton	-0.4	7.5	-2.3	1.0	4.0	4.6	2.8	-1.5	4.5	-2.0	6.6	4.8
Chazy	1.4	7.0	2.5	1.2	4.5	5.3	3.4	0.5	5.6	-1.3	5.3	5.5
Coopertown	0.6	5.6	-2.4	0.8	2.2	2.8	<u>1/</u>	<u>1/</u>	1.8	-1.8	3.9	3.2
Dansville	-0.3	5.1	-4.0	-0.1	3.4	3.0	3.3	-1.3	2.2	-1.0	3.8	1.6
Elmira	0.2	4.5	-2.4	0.2	2.3	2.8	3.2	-0.1	2.9	-1.4	3.3	1.5
Fredonia	1.2	7.4	-2.2	2.2	3.8	3.5	4.5	-0.1	3.1	0.8	4.9	3.8
Geneva	0.1	5.6	-2.6	0.4	3.1	3.4	3.0	-1.2	2.7	-1.2	3.9	2.4
Glens Falls	1.3	3.8	-0.2	-0.2	2.0	2.4	1.9	-0.4	4.2	-1.3	5.4	5.4
Gloversville	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	3.3	2.0	-0.9	4.1	-2.8	4.1	4.2
Ithaca	1.2	5.5	-3.6	-0.4	<u>1/</u>	<u>1/</u>	3.6	-0.4	3.0	-1.6	4.5	<u>1/</u>
Liberty	1.2	4.3	-0.7	0.4	0.5	<u>1/</u>	<u>1/</u>	<u>1/</u>	2.4	-2.2	3.3	3.6
Little Valley	0.3	4.6	-4.7	1.0	3.2	1.8	2.7	-2.5	0.8	-2.3	4.0	1.0
Lowville	0.4	5.9	-3.1	0.0	2.9	3.6	2.6	-0.4	4.0	-2.2	5.6	2.3
Massena	-0.6	6.0	-1.1	0.8	4.1	2.7	1.8	-1.7	3.6	-2.1	6.1	4.8
New York City	2.4	5.3	0.1	1.0	0.4	1.6	4.6	0.0	1.0	-1.5	3.2	3.4
Riverhead	4.2	5.5	1.8	2.6	2.5	4.1	5.6	2.2	3.3	1.1	4.7	4.0
Rochester	-0.7	6.0	-3.5	-0.6	2.5	3.2	4.1	-0.9	2.3	-0.2	4.4	3.1
Syracuse	0.1	5.6	-2.4	0.8	3.6	4.5	4.6	0.5	3.3	-1.2	3.8	2.6
Utica	1.7	7.3	<u>1/</u>	1.8	4.5	4.6	3.9	0.0	4.8	0.1	5.7	4.7
Watertown	-0.1	7.1	-3.2	0.2	3.5	4.3	2.4	-1.4	3.5	-1.6	5.5	4.0

Table 96. PRECIPITATION: Departures From Normal by Months at Selected Stations, 1999

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	2.42	-0.68	1.22	-2.39	-0.60	-1.54	-0.94	-0.02	8.11	-0.41	-1.16	-1.51
Batavia	<u>1/</u>	-0.86	1.78	-0.57	0.40	-1.60	-0.32	<u>1/</u>	-0.55	0.04	<u>1/</u>	<u>1/</u>
Binghamton	2.35	-0.78	-0.25	-0.60	-1.83	-0.32	-1.23	-1.96	3.66	-1.74	-0.36	-1.35
Bridgehamton	1.79	-0.10	0.14	-1.47	-0.76	-2.98	0.24	-0.86	4.12	1.02	-2.26	-0.63
Buffalo	3.08	-1.21	-0.25	-0.66	-0.32	-1.62	-2.08	0.21	0.46	-0.14	-0.50	-1.47
Canton	<u>1/</u>	-1.27	1.62	-2.52	-0.39	-0.44	0.96	-2.43	2.53	0.65	-0.72	-0.90
Chazy	<u>1/</u>	<u>1/</u>	<u>1/</u>	-2.03	-1.30	-0.44	1.76	-3.12	2.72	<u>1/</u>	<u>1/</u>	<u>1/</u>
Coopertown	1.54	-1.03	1.29	-1.12	-1.19	-2.12	<u>1/</u>	<u>1/</u>	3.68	-1.51	-0.34	-1.98
Dansville	1.76	<u>1/</u>	0.90	-0.81	-1.23	-1.09	0.26	0.19	0.17	-0.23	-0.49	<u>1/</u>
Elmira	<u>1/</u>	<u>1/</u>	3.04	-0.25	-2.04	-1.68	-1.21	-1.34	3.43	-1.79	-0.16	<u>1/</u>
Fredonia	2.29	-1.25	<u>1/</u>	0.64	0.24	-0.42	-2.46	-1.02	-0.67	-0.76	0.19	0.19
Geneva	<u>1/</u>	-1.45	0.84	-0.50	-1.83	-1.12	0.44	-0.52	1.60	0.24	-0.57	-0.83
Glens Falls	4.89	-1.05	-1.08	-2.40	-1.39	-1.79	0.26	-1.17	4.42	-0.59	-0.86	-1.93
Gloversville	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	-2.43	0.34	0.10	2.28	-1.61	-1.72	-2.22
Ithaca	1.33	-1.13	1.67	-0.69	<u>1/</u>	<u>1/</u>	-2.21	-0.57	3.38	-1.55	-0.31	<u>1/</u>
Liberty	<u>1/</u>	-1.58	0.23	-2.53	-0.78	<u>1/</u>	<u>1/</u>	<u>1/</u>	4.03	0.35	-2.44	-1.99
Little Valley	2.55	<u>1/</u>	-0.65	<u>1/</u>	-0.35	-2.08	-1.82	-1.45	-1.76	-0.70	2.63	<u>1/</u>
Lowville	3.74	-1.75	1.70	-2.11	-0.58	-1.95	0.68	-3.18	2.19	-0.19	0.67	-1.43
Massena	2.98	-1.25	1.28	-2.22	-0.81	-0.15	0.99	-2.65	2.89	-0.25	-1.02	-0.97
New York City	3.60	0.22	-0.07	-2.27	-0.38	-3.48	-3.91	-1.12	4.92	-0.83	-2.14	-0.68
Riverhead	3.62	0.34	1.56	-2.22	-0.28	-2.87	0.32	4.36	2.12	0.28	<u>1/</u>	-1.58
Rochester	1.84	-1.41	1.01	-0.54	0.00	-0.48	-0.93	2.31	0.44	-0.32	-0.06	-0.67
Syracuse	2.99	-0.72	0.76	-1.58	-2.47	-2.01	-1.26	-2.49	1.56	-0.47	-0.56	-1.80
Utica	1.83	-1.76	<u>1/</u>	-1.70	-1.30	-1.69	1.61	-2.02	2.82	0.11	-1.80	-2.50
Watertown	4.92	-0.92	3.51	-1.56	-1.17	0.83	2.79	-1.78	2.23	0.93	0.34	-0.68

1/ Data not available.

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

Table 97. TEMPERATURE: Monthly Average Temperatures at Selected Stations, 1999

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	21.8	28.2	34.4	46.6	59.4	69.7	74.2	69.2	64.8	48.8	44.1	31.0
Batavia	23.0	31.3	31.7	47.1	60.9	70.2	74.8	<u>1/</u>	64.4	51.7	45.9	31.6
Binghamton	22.7	27.9	30.3	45.0	58.9	66.2	71.7	65.6	62.3	47.0	40.7	29.6
Bridgehamton	32.5	24.2	39.5	48.4	57.4	68.5	75.0	71.0	66.1	53.3	47.2	37.5
Buffalo	23.5	31.0	31.0	46.0	59.7	68.4	74.3	67.9	64.3	50.1	43.9	32.0
Canton	14.4	24.0	26.3	43.1	58.3	67.8	71.1	64.5	62.6	44.9	42.6	25.7
Chazy	17.5	25.1	32.0	44.3	59.9	69.7	72.5	67.1	63.9	46.2	41.5	27.7
Coopertown	21.0	27.8	29.9	44.3	57.1	66.0	<u>1/</u>	<u>1/</u>	60.7	46.6	41.9	29.0
Dansville	23.5	30.0	30.4	45.3	59.9	68.5	73.6	67.2	63.6	49.8	44.7	31.1
Elmira	23.0	28.5	31.6	45.3	58.2	67.5	72.9	67.6	63.2	47.6	42.9	29.9
Fredonia	26.1	7.4	33.1	48.3	61.0	69.9	75.4	69.1	66.3	53.7	47.3	34.7
Geneva	22.4	5.6	30.6	45.3	59.2	68.6	73.4	67.4	64.0	49.0	43.9	30.4
Glens Falls	18.3	3.8	31.7	44.4	57.8	67.1	71.7	67.0	63.2	46.4	42.6	29.3
Gloversville	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	67.8	71.1	66.1	62.9	45.2	40.7	28.3
Ithaca	22.7	5.5	29.3	43.6	<u>1/</u>	<u>1/</u>	72.2	66.5	62.8	47.4	43.7	30.3
Liberty	21.6	4.3	31.5	44.1	55.0	<u>1/</u>	<u>1/</u>	<u>1/</u>	60.8	45.6	41.0	29.3
Little Valley	21.0	4.6	26.5	43.5	56.4	63.9	69.3	62.6	59.2	45.6	41.9	27.7
Lowville	16.0	5.9	25.7	41.9	56.8	66.5	70.1	64.9	61.3	44.5	41.0	24.5
Massena	13.7	6.0	27.2	43.5	59.3	66.6	71.0	64.8	61.6	44.9	41.4	25.0
New York City	33.9	5.3	42.5	53.5	63.1	73.2	81.4	75.5	69.2	56.0	50.8	40.0
Riverhead	34.6	5.5	41.4	51.3	61.8	72.5	79.1	74.8	69.2	56.7	50.6	39.7
Rochester	22.9	6.0	30.8	45.3	59.6	68.3	74.3	67.1	64.0	50.9	44.9	32.2
Syracuse	22.5	5.6	31.5	46.5	60.7	69.8	75.0	68.9	64.8	49.5	44.3	30.9
Utica	21.8	7.3	<u>1/</u>	46.5	60.8	69.5	74.1	68.2	65.1	49.2	44.3	30.5
Watertown	17.8	7.1	27.7	43.4	57.7	67.1	71.0	65.4	62.7	46.8	43.4	28.1

Table 98. PRECIPITATION: Monthly Precipitation at Selected Stations, 1999

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Inches</i>											
Albany	4.78	1.59	4.15	0.60	2.77	2.08	2.24	3.45	11.0	2.42	2.07	1.42
Batavia	7.74	0.97	3.80	2.50	3.71	2.16	2.65	5.10	3.10	3.00	3.79	0.41
Binghamton	4.75	1.55	2.57	2.53	1.53	3.28	2.27	1.40	6.98	1.15	2.92	1.65
Bridgehamton	5.97	3.75	4.25	2.50	3.06	0.61	3.24	2.59	7.58	4.41	2.27	3.68
Buffalo	5.78	1.10	2.43	2.21	2.82	1.93	1.00	4.38	3.95	2.95	3.33	2.20
Canton	4.96	0.60	3.73	0.33	2.59	2.84	4.33	1.75	6.38	3.90	2.71	1.86
Chazy	0.14	0.24	1.35	0.54	1.66	2.60	5.14	0.96	5.81	3.60	1.57	0.84
Coopertown	3.97	1.14	4.33	2.17	2.46	2.06	<u>1/</u>	<u>1/</u>	7.40	1.54	2.37	1.11
Dansville	3.16	0.63	2.69	2.00	1.68	2.72	3.29	3.41	3.53	2.39	2.17	1.34
Elmira	3.09	1.02	5.36	2.44	1.16	2.08	2.16	1.71	6.51	1.01	2.79	2.54
Fredonia	4.55	0.83	1.33	3.80	3.37	3.24	1.14	2.95	3.98	3.15	4.44	3.59
Geneva	4.10	0.33	2.90	2.41	1.17	2.55	3.39	2.62	4.82	3.14	2.49	1.64
Glens Falls	7.49	1.22	1.81	0.58	2.21	1.39	3.22	2.48	7.51	2.30	2.22	1.04
Gloversville	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	<u>1/</u>	1.60	4.05	4.03	6.05	1.73	2.04	1.33
Ithaca	3.15	0.87	3.94	2.22	<u>1/</u>	<u>1/</u>	1.24	2.87	6.91	1.70	2.77	1.25
Liberty	6.35	1.68	3.75	1.83	3.85	<u>1/</u>	<u>1/</u>	<u>1/</u>	7.94	4.07	1.83	1.98
Little Valley	5.95	1.34	2.81	3.57	2.54	2.47	2.21	3.02	2.92	3.37	7.46	3.29
Lowville	6.79	0.75	4.48	0.99	2.47	1.57	4.01	0.62	5.96	3.23	4.74	2.26
Massena	5.11	0.74	3.43	0.43	1.72	2.99	4.16	1.09	6.38	2.56	2.11	2.22
New York City	7.02	3.49	4.01	1.93	4.04	0.19	0.44	2.89	8.81	2.73	2.33	3.23
Riverhead	7.58	3.91	5.47	1.84	3.51	0.80	3.67	8.18	5.31	3.79	1.96	2.56
Rochester	3.92	0.69	3.29	2.07	2.72	2.52	1.78	5.71	3.41	2.12	2.86	2.06
Syracuse	5.33	1.43	3.53	1.75	0.81	1.78	2.55	1.02	5.35	2.77	3.16	1.40
Utica	4.88	1.26	<u>1/</u>	1.86	2.37	2.41	5.42	1.78	7.15	3.48	2.92	1.74
Watertown	7.45	1.10	5.72	0.95	1.52	3.52	4.73	1.50	5.49	3.69	3.65	2.16

1/ Data not available.

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

Table 99. TEMPERATURE: Average Monthly Soil Temperatures at Selected Stations, January-December 1999

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Degrees F.</u>												
<u>HUDSON VALLEY</u>												
<u>Valatie</u>												
4" Max.	30.4	29.5	30.8	46.7	60.5	75.5	80.2	76.7	69.2	54.2	46.1	35.0
4" Min.	30.1	29.0	30.1	42.2	55.8	67.6	72.9	69.5	63.3	49.7	42.6	33.4
8" Max.	32.3	31.6	32.1	48.5	62.3	75.5	79.4	76.1	68.8	55.2	47.5	37.2
8" Min.	32.3	31.6	31.6	44.5	58.1	70.3	75.3	72.5	66.3	53.2	45.2	36.1
<u>ST. LAWRENCE VALLEY</u>												
<u>Canton</u>												
4" Max.	32.5	32.4	32.4	47.2	62.2	74.5	78.7	73.5	69.3	53.6	46.5	32.5
4" Min.	31.9	31.3	31.5	39.5	53.5	64.5	69.1	65.1	61.4	48.8	42.3	30.8
8" Max.	32.3	32.0	32.0	43.8	57.4	68.7	73.1	69.6	65.6	51.9	45.5	42.7
8" Min.	31.9	32.0	32.0	39.8	53.2	64.4	69.0	65.6	61.7	49.5	43.0	41.2
<u>CENTRAL LAKES</u>												
<u>Ithaca</u>												
4" Max.	28.2	30.3	31.2	43.4	53.6	<u>1/</u>	69.1	73.7	69.7	58.3	51.9	37.2
4" Min.	27.8	29.5	29.4	38.5	48.6	<u>1/</u>	63.5	70.7	67.2	56.3	49.6	35.2
8" Max.	35.7	37.0	37.6	48.8	59.0	<u>1/</u>	76.0	65.5	60.7	48.4	41.8	36.9
8" Min.	35.5	36.5	36.6	46.3	56.3	<u>1/</u>	72.8	60.5	56.4	45.4	38.9	35.7

1/ Data not available.

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

Table 100. HEATING DEGREE DAYS: Selected Stations, January-December, 1999 ^{1/}

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	<i>Degrees F.</i>											
Albany	1,335	1,021	940	542	180	22	2	14	93	493	621	1,048
Batavia	1,301	940	1,042	528	168	42	3	<u>2/</u>	95	404	567	1,029
Binghamton	1,304	1,033	1,069	592	195	67	11	48	146	551	724	1,090
Bridgehamton	1,002	856	784	491	234	32	4	5	43	362	526	843
Buffalo	1,280	949	1,048	566	193	58	0	17	97	454	628	1,014
Canton	1,562	1,141	1,191	649	239	60	18	88	145	615	668	1,209
Chazy	1,468	1,114	1,012	615	181	25	5	39	117	580	698	1,148
Coopertown	1,355	1,038	1,081	614	240	58	<u>2/</u>	<u>2/</u>	162	565	687	1,113
Dansville	1,279	973	1,065	585	188	56	8	32	110	465	603	1,044
Elmira	1,298	1,018	1,031	584	209	65	10	38	124	533	656	1,083
Fredonia	1,197	890	983	496	164	45	2	12	67	342	524	935
Geneva	1,317	1,002	1,058	584	196	55	8	25	104	487	627	1,067
Glens Falls	1,441	1,146	1,024	610	225	41	9	29	123	571	665	1,099
Gloversville	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	<u>2/</u>	43	12	37	125	607	721	1,133
Ithaca	1,302	1,024	1,102	633	<u>2/</u>	<u>2/</u>	11	52	130	542	634	1,072
Liberty	1,339	1,063	1,032	617	302	<u>2/</u>	<u>2/</u>	<u>2/</u>	160	596	714	1,098
Little Valley	1,360	1,091	1,188	631	282	98	31	95	196	596	679	1,139
Lowville	1,514	1,161	1,211	684	259	66	17	66	175	628	713	1,251
Massena	1,608	1,188	1,160	638	200	62	9	60	155	617	699	1,239
New York City	955	725	687	340	98	4	0	3	24	271	418	769
Riverhead	936	774	725	404	124	1	0	0	9	252	425	779
Rochester	1,295	955	1,054	583	194	57	2	25	100	431	595	1,008
Syracuse	1,310	986	1,032	545	161	41	0	14	96	473	613	1,049
Utica	1,335	997	1,144	546	154	40	1	20	96	484	612	1,064
Watertown	1,456	1,077	1,150	642	238	59	6	55	141	555	640	1,135

^{1/} One heating degree day is accumulated for each whole degree that the daily mean temperature is below 65 degrees Fahrenheit.

^{2/} Data not available.

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

Table 101. POPULATION: Resident Population, July 1, New York and United States, 1989-1999

Year	New York	United States
	<i>Thousands</i>	
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
1998	18,159	270,248
1999	18,197	272,691

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

Table 102. FERTILIZER: Consumption by Kind, Years Ended June 30, 1990-1999 ^{1/}

Kind of Fertilizer	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>1,000 tons</i>										
<u>TOTAL FERTILIZER</u>										
All Kinds	659.9	575.3	670.7	596.1	712.3	641.1	452.9	530.6	559.2	620.8
<u>SINGLE NUTRIENT FERTILIZERS</u>										
Total	217.5	197.5	290.4	279.7	339.9	272.3	195.7	248.2	299.8	335.0
<u>Nitrogen Materials, Total</u>	124.5	119.7	191.7	192.5	212.4	191.6	132.7	148.5	202.1	223.9
Anhydrous ammonia	11.6	9.1	6.9	6.1	15.8	5.8	2.8	5.7	4.9	4.3
Nitrogen solutions	56.3	57.2	53.4	57.6	59.9	73.9	40.2	50.2	61.1	45.6
Urea	30.9	25.7	46.9	50.3	58.1	33.6	28.8	28.0	44.9	62.5
Ammonium nitrate	17.6	14.1	11.7	11.0	11.4	9.1	6.3	6.0	11.1	10.4
Ammonium sulfate	4.1	6.1	5.2	5.6	11.7	11.1	9.7	10.3	12.3	12.9
Other nitrogen materials	4.1	4.9	67.4	62.0	55.5	58.1	44.9	48.3	67.8	88.2
<u>Phosphate Materials, Total</u>	5.3	8.8	7.4	4.5	4.5	3.2	1.4	1.0	1.0	1.6
Super phosphates	5.1	3.5	5.9	4.4	3.1	2.3	1.2	.9	.8	.8
Other phosphates	.2	5.3	1.4	.1	1.5	.9	.2	.1	.2	.8
<u>Potash Materials, Total</u>	87.7	69.0	91.4	82.7	123.1	77.6	61.6	98.7	96.7	109.5
Potassium chloride	54.7	49.9	65.2	60.2	93.6	63.7	45.3	49.6	64.4	71.1
Potassium sulfate	29.1	16.9	22.3	17.1	18.8	1.1	.4	.2	.3	.5
Potassium mag. sulfate	2.2	1.3	2.8	2.0	5.7	3.6	2.0	2.5	2.7	3.2
Other potassium	1.7	.9	1.1	3.4	5.0	9.2	14.0	46.4	29.2	34.7
<u>MULTIPLE-NUTRIENT FERTILIZERS</u>										
Total	401.9	343.5	360.8	306.2	345.3	356.3	245.9	271.1	239.4	261.1
<u>ORGANICS, SECONDARY AND MICRONUTRIENTS</u>										
Total	38.3	34.2	19.5	10.3	27.0	12.3	11.2	11.4	20.0	24.7

Table 103. FERTILIZER: Consumption of Primary Plant Nutrients, Years Ended June 30, 1990-1999 ^{1/}

Year	Multiple-Nutrient Grades				All Fertilizers			
	N	Available P ₂ O ₅	K ₂ O	Total	N	Available P ₂ O ₅	K ₂ O	Total
<i>1,000 tons</i>								
1990	43.2	66.1	45.3	154.5	92.2	68.3	93.7	254.1
1991	34.2	51.3	35.4	120.9	78.9	53.8	74.3	207.0
1992	45.3	69.7	44.0	159.0	94.9	72.5	95.3	262.7
1993	40.3	60.0	37.5	137.7	92.9	62.0	83.5	238.4
1994	45.4	75.0	36.2	156.5	116.3	76.7	104.1	297.1
1995	46.8	63.9	44.2	155.0	99.9	65.1	85.3	250.3
1996	32.7	44.7	29.2	106.5	65.9	45.3	59.3	170.5
1997	32.0	44.7	28.5	105.2	71.7	45.1	68.0	184.7
1998	32.4	47.2	27.6	107.2	83.7	47.6	72.9	204.1
1999	36.4	49.3	29.5	115.2	96.0	49.8	80.3	226.0

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

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

Table 105. PER CAPITA UTILIZATION: Selected Commodities,
United States, 1990-1999

Commodity	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<i>Pounds</i>										
<u>VEGETABLES 1/</u>										
Cabbage, Fresh	8.8	8.5	8.9	9.5	9.4	8.4	8.6	9.4	8.8	8.0
Kraut	1.2	1.4	1.2	1.4	1.2	1.4	1.0	1.5	1.4	1.3
Carrots, Fresh	8.3	7.7	8.3	10.9	12.8	11.3	12.6	14.4	13.6	13.7
Processed	3.4	3.5	4.0	3.8	4.3	4.3	4.6	4.1	4.3	4.0
Cauliflower, Fresh	2.2	2.0	1.8	2.1	2.0	1.7	1.7	1.8	1.5	2.1
Processed	.8	.6	.7	.7	.6	.6	.5	.4	.8	.4
Celery, Fresh	7.2	6.8	7.4	7.3	7.4	6.9	6.4	6.1	6.0	6.2
Cucumbers, Fresh	4.7	4.6	5.0	5.3	5.4	5.7	6.0	6.5	6.6	6.9
Pickles	5.0	5.1	4.6	4.4	4.8	5.1	4.1	5.3	4.1	4.2
Dry beans	6.6	7.3	7.7	7.4	7.8	7.7	7.4	7.6	7.4	7.9
Green peas, Processed 2/	4.2	4.2	4.1	3.5	3.7	3.7	3.4	3.6	3.4	3.5
Lettuce (head type)	27.8	26.1	25.9	24.6	25.3	22.5	21.9	24.3	22.0	25.3
Onions, Fresh	15.1	15.7	16.2	17.3	17.1	18.0	18.7	19.1	18.3	18.9
Potatoes, Fresh	46.8	50.4	48.6	50.6	50.2	49.9	50.7	48.5	47.8	48.3
Processed	77.3	84.1	82.1	85.6	89.9	88.9	95.3	94.2	93.0	93.6
Snap beans, Processed	5.6	5.9	5.7	5.8	5.8	5.3	5.8	5.5	5.8	5.8
Sweet corn, Fresh	6.7	5.9	6.9	7.0	8.2	7.9	8.5	8.4	9.5	9.8
Processed	19.6	20.5	20.9	21.0	19.4	21.0	21.0	19.5	19.4	19.9
Tomatoes, Fresh	15.5	15.4	15.5	16.4	16.4	17.1	17.7	17.1	17.9	17.7
Processed	75.4	77.4	73.7	76.4	77.1	75.6	74.2	73.9	75.7	72.8
<u>FRUITS 1/</u>										
Apples, Fresh	19.6	18.2	19.2	19.2	19.6	19.0	19.0	18.4	19.2	N/A
Processed	28.5	25.7	27.4	29.5	30.1	26.8	28.1	27.5	28.2	N/A
Peaches, Fresh	5.5	6.4	6.0	6.0	5.5	5.4	4.5	5.6	4.8	N/A
Processed	4.2	4.5	4.8	4.4	4.6	3.6	4.3	4.6	4.0	N/A
Pears, Fresh	3.2	3.2	3.1	3.4	3.5	3.4	3.1	3.5	3.4	N/A
Processed	4.3	3.8	4.2	4.2	4.8	3.9	4.1	3.5	3.2	N/A
Cherries, Fresh	.4	.4	.5	.4	.5	.3	.4	.6	.6	N/A
Processed	1.1	.8	.9	1.1	1.1	1.0	.9	.9	1.2	N/A
Grapes, Fresh	7.9	7.3	7.2	7.1	7.3	7.5	6.9	8.0	7.3	N/A
Processed	36.2	36.4	39.2	37.6	34.3	38.7	37.0	45.1	38.6	N/A
Strawberries, Fresh	3.2	3.6	3.6	3.6	4.1	4.2	4.4	4.2	4.1	N/A
Processed	1.1	1.2	1.2	1.2	1.1	1.3	1.3	1.1	1.3	N/A
<u>MEATS 3/</u>										
Beef	63.9	63.1	62.6	61.5	63.6	64.4	65.0	63.8	64.9	N/A
Veal	.9	.8	.8	.8	.8	.8	1.0	.9	.7	N/A
Lamb and mutton	1.0	1.0	1.0	1.0	.9	.9	.8	.8	.9	N/A
Pork	46.4	46.9	49.5	48.9	49.6	49.0	45.9	45.6	49.1	N/A
<u>DAIRY PRODUCTS 4/</u>										
American cheese	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0	12.2	N/A
Italian cheese	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0	11.3	N/A
Total cheese 5/	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0	28.4	N/A
Cottage cheese	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7	2.7	N/A
Ice cream	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.4	16.6	N/A
Lowfat ice cream	7.7	7.4	7.1	6.9	7.6	7.5	7.6	7.9	8.3	N/A
Butter and margarine	15.3	15.0	15.4	15.8	14.7	13.7	13.5	12.8	12.5	N/A
Beverage milks	222	221	218	213	214	210	210	207	205	N/A
<u>POULTRY PRODUCTS</u>										
Chickens 3/	42.4	44.2	46.7	48.5	49.3	48.8	49.5	50.4	50.8	N/A
Turkeys 3/	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9	14.2	N/A
Eggs, number	236	235	236	236	239	236	237	240	245	N/A

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

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

5/ Excludes cottage cheese.

Table 105. FARM REAL ESTATE: Average Value Per Acre, by Region and State
January 1, 1991-2000

State	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
<i>Dollars</i>										
<u>Northeast</u>										
Connecticut	5,158	5,241	5,959	5,950	5,950	5,950	5,950	5,950	6,300	6,600
Delaware	2,181	2,042	2,246	2,350	2,440	2,550	2,580	2,660	2,750	2,850
Maine	1,057	1,033	1,130	1,130	1,130	1,150	1,170	1,190	1,200	1,210
Maryland	2,394	2,530	2,911	3,050	3,100	3,110	3,150	3,180	3,300	3,500
Massachusetts	4,301	4,340	4,898	5,020	5,060	5,100	5,150	5,210	5,500	5,900
New Hampshire	2,194	2,103	2,256	2,250	2,250	2,250	2,250	2,250	2,250	2,300
New Jersey	6,341	6,710	6,942	6,950	7,000	7,100	7,100	7,000	7,000	7,100
New York	1,095	1,139	1,237	1,260	1,280	1,260	1,250	1,280	1,340	1,410
Pennsylvania	1,937	2,073	2,056	2,150	2,200	2,270	2,300	2,390	2,500	2,620
Rhode Island	5,619	5,627	6,304	6,400	6,500	6,500	6,500	6,500	6,500	6,500
Vermont	1,248	1,223	1,342	1,400	1,450	1,490	1,500	1,520	1,570	1,640
<u>Lake States</u>										
Michigan	1,086	1,106	1,131	1,210	1,330	1,420	1,530	1,670	1,850	2,100
Minnesota	881	884	910	914	950	1,030	1,090	1,160	1,230	1,270
Wisconsin	849	865	925	968	1,040	1,130	1,170	1,240	1,370	1,500
<u>Corn Belt</u>										
Illinois	1,459	1,536	1,548	1,670	1,820	1,900	1,980	2,130	2,250	2,220
Indiana	1,291	1,325	1,395	1,500	1,620	1,740	1,870	2,060	2,220	2,210
Iowa	1,139	1,153	1,212	1,280	1,350	1,450	1,600	1,700	1,770	1,750
Missouri	723	734	774	825	880	950	1,010	1,070	1,130	1,190
Ohio	1,323	1,396	1,456	1,560	1,750	1,820	1,890	2,040	2,220	2,250
<u>Northern Plains</u>										
Kansas	449	460	463	503	535	553	565	577	580	590
Nebraska	517	517	514	550	580	610	620	645	670	695
North Dakota	337	318	335	353	373	383	390	401	406	415
South Dakota	293	286	273	286	302	310	325	348	360	380
<u>Appalachia</u>										
Kentucky	958	988	1,077	1,140	1,250	1,300	1,350	1,450	1,530	1,590
North Carolina	1,382	1,455	1,573	1,610	1,750	1,900	2,000	2,080	2,250	2,400
Tennessee	1,095	1,130	1,245	1,250	1,340	1,530	1,650	1,810	1,950	2,100
Virginia	1,490	1,643	1,636	1,590	1,720	1,840	1,880	1,920	2,040	2,130
West Virginia	704	843	849	869	920	980	1,050	1,090	1,070	1,060
<u>Southeast</u>										
Alabama	864	936	1,000	1,120	1,260	1,320	1,360	1,440	1,520	1,680
Florida	2,110	2,033	2,037	2,060	2,110	2,150	2,200	2,240	2,260	2,400
Georgia	1,095	1,025	1,131	1,150	1,260	1,360	1,430	1,510	1,630	1,800
South Carolina	1,112	1,152	1,137	1,200	1,340	1,360	1,400	1,480	1,520	1,600
<u>Delta States</u>										
Arkansas	841	815	880	927	983	1,010	1,070	1,150	1,220	1,250
Louisiana	920	926	972	1,000	1,080	1,180	1,190	1,210	1,210	1,250
Mississippi	766	754	777	836	886	917	980	1,050	1,100	1,180
<u>Southern Plains</u>										
Oklahoma	477	482	496	517	547	547	570	610	625	634
Texas	498	488	499	515	525	540	554	593	610	630
<u>Mountain</u>										
Arizona 1/	291	311	316	810	840	880	920	987	1,070	1,140
Colorado	437	400	426	479	520	558	590	618	630	640
Idaho	654	680	682	780	840	900	960	1,020	1,090	1,170
Montana	219	219	227	254	277	289	291	294	296	300
Nevada 1/	241	262	252	268	289	332	366	392	420	440
New Mexico 1/	210	212	194	198	209	212	215	217	217	215
Utah 1/	417	445	491	690	710	740	780	807	855	900
Wyoming	159	145	159	180	192	206	215	222	220	235
<u>Pacific</u>										
California	2,077	2,157	2,213	2,210	2,220	2,400	2,500	2,610	2,770	2,850
Oregon	586	607	663	747	844	928	960	960	1,000	1,020
Washington	864	880	892	1,020	1,070	1,120	1,160	1,190	1,190	1,150
48 States	703	713	736	798	844	887	926	974	1,020	1,050

1/ Excludes Native American Reservation land.



COUNTY ESTIMATES

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

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

federal milk marketing order data by county are used in estimating cow numbers, rates of production, and total milk produced.

Revisions, if necessary, are made after considering data that become available after the original estimates are prepared. These include administrative data such as milk marketing receipts and the Census of Agriculture. The Census of Agriculture, collected and published every five years, does not make allowance for incompleteness at the county level. For this reason census numbers are generally lower than data published in this publication.

County estimates prepared by the New York Agricultural Statistics Service include allowances for farmers not sampled, non-respondents, and inaccessibles. 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 106. FARMLAND: Farms, Land in Farms and Land Use, by County, 1998

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

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

Table 107. FARMLAND: Farms, Land in Farms and Land Use, by County, 1999

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	<i>Number</i>			<i>Acres</i>		
Albany	485	64,000	39,900	5,500	11,600	7,000
Allegany	880	165,000	96,900	14,300	41,500	12,300
Broome	635	96,200	51,400	12,100	25,200	7,500
Cattaraugus	1,155	205,400	109,300	19,700	52,800	23,600
Cayuga	1,050	268,500	212,800	11,000	33,300	11,400
Chautauqua	1,900	255,700	151,200	24,400	56,100	24,000
Chemung	395	65,400	38,500	6,800	15,200	4,900
Chenango	995	201,300	115,400	23,400	47,500	15,000
Clinton	605	171,500	78,700	13,600	61,200	18,000
Columbia	560	120,400	81,100	9,300	16,200	13,800
Cortland	565	131,700	71,400	19,300	29,600	11,400
Delaware	865	192,100	100,000	32,500	55,500	4,100
Dutchess	650	114,000	68,300	12,400	24,500	8,800
Erie	1,200	155,700	110,300	7,300	27,600	10,500
Essex	245	49,600	24,700	6,400	17,700	800
Franklin	590	177,600	76,300	18,100	69,400	13,800
Fulton	210	37,600	24,900	2,800	7,900	2,000
Genesee	650	187,600	156,600	6,800	14,700	9,500
Greene	285	52,200	26,300	5,400	14,800	5,700
Herkimer	730	156,100	95,600	19,800	28,200	12,500
Jefferson	1,115	312,900	207,200	30,600	47,000	28,100
Lewis	760	191,000	108,600	17,200	50,700	14,500
Livingston	780	217,900	170,600	9,900	26,900	10,500
Madison	860	197,700	132,700	23,400	31,800	9,800
Monroe	605	112,900	94,900	2,900	6,100	9,000
Montgomery	655	139,800	110,700	9,400	14,700	5,000
Nassau	65	1,500	800	0	200	500
Niagara	855	141,100	127,500	1,200	8,200	4,200
Oneida	1,140	233,600	151,500	24,400	43,800	13,900
Onondaga	750	156,900	116,800	9,500	16,300	14,300
Ontario	855	202,400	162,000	6,600	18,600	15,200
Orange	760	101,300	65,700	9,700	13,500	12,400
Orleans	565	159,100	131,000	2,900	12,500	12,700
Oswego	760	115,600	66,100	9,000	27,100	13,400
Otsego	1,075	228,700	123,300	25,400	54,600	25,400
Putnam	55	3,700	1,600	300	1,000	800
Rensselaer	560	109,500	67,500	9,600	24,700	7,700
Rockland	25	600	400	0	100	100
St. Lawrence	1,665	414,100	225,900	44,500	109,700	34,000
Saratoga	570	78,100	49,400	6,100	15,100	7,500
Schenectady	180	19,700	12,400	1,600	4,000	1,700
Schoharie	635	120,200	78,000	8,900	24,500	8,800
Schuyler	395	69,900	37,900	11,100	17,100	3,800
Seneca	520	131,800	105,800	2,700	12,700	10,600
Steuben	1,560	351,300	221,600	30,700	82,500	16,500
Suffolk	735	37,400	29,700	900	1,500	5,300
Sullivan	380	62,300	36,800	6,400	14,700	4,400
Tioga	610	113,900	62,600	11,200	32,900	7,200
Tompkins	550	99,300	63,900	6,500	18,700	10,200
Ulster	495	69,200	37,100	5,100	19,200	7,800
Warren	80	10,000	2,600	800	4,800	1,800
Washington	910	210,800	132,900	15,700	45,900	16,300
Wayne	1,040	185,200	133,000	6,300	24,000	21,900
Westchester	105	7,800	3,000	1,000	1,800	2,000
Wyoming	870	216,200	149,100	14,200	34,100	18,800
Yates	810	109,000	79,800	3,400	18,500	7,300
TOTAL	39,000	7,800,000	5,030,000	640,000	1,530,000	600,000

1/ Includes cropland pastured. 2/ Excludes cropland and woodland pastured. 3/ Includes woodland pastured.

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

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

^{1/} Dry hay only. Excludes silage and green chop.

Table 109. HAY: Acreage, Yield, and Production, by County, 1998 ^{1/}

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres harvested	Yield	Production	Acres harvested	Yield	Production	Acres harvested	Yield	Production
	<u>Acres</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>	
Albany	7,300	2.0	14,700	11,100	1.7	18,400	18,400	1.8	33,100
Allegany	8,700	3.1	27,400	22,900	2.1	47,000	31,600	2.4	74,400
Broome	3,400	2.3	7,700	15,600	1.7	25,900	19,000	1.8	33,600
Cattaraugus	11,200	2.6	29,500	23,900	2.2	53,200	35,100	2.4	82,700
Cayuga	25,400	2.9	74,000	6,600	2.1	14,100	32,000	2.8	88,100
Chautauqua	9,300	3.0	28,300	33,400	2.3	78,400	42,700	2.5	106,700
Chemung	3,700	2.4	9,000	8,700	1.7	14,400	12,400	1.9	23,400
Chenango	13,200	2.4	31,700	29,500	2.5	72,300	42,700	2.4	104,000
Clinton	11,400	2.2	25,000	12,600	2.1	26,400	24,000	2.1	51,400
Columbia	9,800	2.6	25,300	13,600	2.2	29,600	23,400	2.3	54,900
Cortland	9,600	2.7	25,700	13,000	2.4	30,600	22,600	2.5	56,300
Delaware	11,900	2.1	25,400	33,400	2.1	69,900	45,300	2.1	95,300
Dutchess	11,200	2.4	27,000	11,700	1.9	22,300	22,900	2.2	49,300
Erie	10,800	2.4	25,600	17,600	2.2	38,800	28,400	2.3	64,400
Essex	4,400	2.0	8,700	6,200	1.9	11,500	10,600	1.9	20,200
Franklin	12,200	2.4	29,500	21,800	2.2	47,900	34,000	2.3	77,400
Fulton	3,900	2.3	9,100	3,900	2.3	9,000	7,800	2.3	18,100
Genesee	14,300	3.1	45,000	3,400	2.0	6,800	17,700	2.9	51,800
Greene	3,800	2.1	7,800	10,300	1.6	16,200	14,100	1.7	24,000
Herkimer	17,300	2.5	42,500	17,300	2.3	39,300	34,600	2.4	81,800
Jefferson	25,200	2.0	49,200	55,700	2.0	110,000	80,900	2.0	159,200
Lewis	20,300	2.6	53,000	21,200	2.2	46,800	41,500	2.4	99,800
Livingston	14,600	3.2	46,100	7,600	2.1	15,600	22,200	2.8	61,700
Madison	27,000	2.4	65,900	12,700	2.3	28,600	39,700	2.4	94,500
Monroe	6,800	2.4	16,300	2,100	1.8	3,700	8,900	2.2	20,000
Montgomery	20,700	2.2	44,900	17,500	1.8	32,300	38,200	2.0	77,200
Nassau	-	-	-	-	-	-	-	-	-
Niagara	12,200	2.4	28,800	9,900	2.2	21,400	22,100	2.3	50,200
Oneida	26,700	2.4	64,500	22,300	2.5	56,200	49,000	2.5	120,700
Onondaga	17,400	2.4	42,200	5,500	2.3	12,700	22,900	2.4	54,900
Ontario	14,600	2.6	37,600	6,900	2.4	16,700	21,500	2.5	54,300
Orange	7,300	2.3	16,800	14,500	1.8	26,800	21,800	2.0	43,600
Orleans	5,700	2.9	16,300	4,200	1.9	8,100	9,900	2.5	24,400
Oswego	7,400	2.3	17,300	13,700	2.0	27,500	21,100	2.1	44,800
Otsego	22,200	2.3	51,100	25,200	1.9	47,400	47,400	2.1	98,500
Putnam	200	2.5	500	700	1.9	1,300	900	2.0	1,800
Rensselaer	9,000	2.0	18,300	10,700	1.8	19,600	19,700	1.9	37,900
Rockland	-	-	-	-	-	-	-	-	-
St. Lawrence	22,000	2.3	51,400	71,100	1.9	137,900	93,100	2.0	189,300
Saratoga	8,000	2.0	15,600	7,200	2.1	14,800	15,200	2.0	30,400
Schenectady	1,600	2.0	3,200	4,100	1.8	7,500	5,700	1.9	10,700
Schoharie	14,000	2.4	33,500	16,000	1.8	28,800	30,000	2.1	62,300
Schuyler	6,600	2.0	13,000	6,900	1.8	12,700	13,500	1.9	25,700
Seneca	9,400	2.5	23,600	5,300	2.0	10,800	14,700	2.3	34,400
Steuben	26,700	2.6	68,600	51,900	1.9	98,200	78,600	2.1	166,800
Suffolk	300	2.3	700	400	1.8	700	700	2.0	1,400
Sullivan	2,300	2.4	5,500	15,200	2.0	30,000	17,500	2.0	35,500
Tioga	6,400	2.5	16,000	15,900	1.7	27,700	22,300	2.0	43,700
Tompkins	7,300	2.4	17,200	8,400	2.0	16,400	15,700	2.1	33,600
Ulster	1,800	2.0	3,600	9,100	1.7	15,400	10,900	1.7	19,000
Warren	400	2.5	1,000	100	2.0	200	500	2.4	1,200
Washington	16,100	2.2	35,900	21,300	2.1	44,800	37,400	2.2	80,700
Wayne	9,300	2.6	24,100	3,900	2.3	8,900	13,200	2.5	33,000
Westchester	400	2.5	1,000	700	1.7	1,200	1,100	2.0	2,200
Wyoming	16,000	2.6	40,900	8,800	2.5	22,100	24,800	2.5	63,000
Yates	11,300	2.4	27,500	6,800	2.2	15,200	18,100	2.4	42,700
Other Counties	-	-	-	-	-	-	-	-	-
TOTAL	600,000	2.45	1,470,000	800,000	2.05	1,640,000	1,400,000	2.22	3,110,000

^{1/} Dry hay only. Excludes silage and green chop.

Table 110. HAY: Acreage, Yield, and Production, by County, 1999 ^{1/}

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres harvested	Yield	Production	Acres harvested	Yield	Production	Acres harvested	Yield	Production
	<u>Acres</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>	
Albany	6,600	1.8	11,700	13,800	1.5	20,200	20,400	1.6	31,900
Allegany	7,900	1.8	14,200	27,500	1.6	44,700	35,400	1.7	58,900
Broome	3,900	2.3	9,000	18,100	1.7	30,300	22,000	1.8	39,300
Cattaraugus	10,900	2.3	25,600	28,200	2.1	58,500	39,100	2.2	84,100
Cayuga	21,800	2.5	55,400	9,000	1.8	15,800	30,800	2.3	71,200
Chautauqua	10,100	2.4	23,900	39,900	2.1	82,600	50,000	2.1	106,500
Chemung	3,700	1.9	7,000	10,300	1.5	15,700	14,000	1.6	22,700
Chenango	12,600	2.5	31,600	34,800	1.9	65,300	47,400	2.0	96,900
Clinton	10,300	3.1	32,200	16,500	1.9	30,700	26,800	2.3	62,900
Columbia	8,600	2.8	23,700	16,500	1.8	29,100	25,100	2.1	52,800
Cortland	8,900	2.6	23,300	14,500	1.6	23,100	23,400	2.0	46,400
Delaware	11,200	2.5	28,500	36,800	1.7	61,500	48,000	1.9	90,000
Dutchess	9,700	1.8	17,500	15,100	1.5	22,400	24,800	1.6	39,900
Erie	12,200	2.8	34,600	21,300	1.9	40,800	33,500	2.3	75,400
Essex	4,200	2.4	10,000	7,700	1.8	14,100	11,900	2.0	24,100
Franklin	10,400	2.5	26,500	24,700	2.4	60,200	35,100	2.5	86,700
Fulton	3,400	1.8	6,100	4,900	1.7	8,200	8,300	1.7	14,300
Genesee	13,100	3.1	40,900	5,100	2.0	10,400	18,200	2.8	51,300
Greene	3,500	1.7	6,100	11,100	1.5	17,200	14,600	1.6	23,300
Herkimer	15,700	2.3	35,900	21,000	2.0	42,100	36,700	2.1	78,000
Jefferson	23,600	2.6	60,600	62,500	1.9	118,800	86,100	2.1	179,400
Lewis	17,000	2.5	43,200	26,700	2.3	60,400	43,700	2.4	103,600
Livingston	13,500	2.1	27,700	10,500	2.0	21,200	24,000	2.0	48,900
Madison	24,200	2.2	53,100	16,200	1.8	29,900	40,400	2.1	83,000
Monroe	7,200	2.0	14,500	3,100	1.8	5,600	10,300	2.0	20,100
Montgomery	19,600	2.3	44,100	20,700	1.7	35,300	40,300	2.0	79,400
Nassau	-	-	-	-	-	-	-	-	-
Niagara	11,500	3.1	36,100	12,200	1.9	23,000	23,700	2.5	59,100
Oneida	23,100	2.0	45,200	27,900	1.9	53,700	51,000	1.9	98,900
Onondaga	15,300	2.2	33,700	7,600	1.9	14,200	22,900	2.1	47,900
Ontario	13,200	1.9	25,300	9,300	1.6	14,800	22,500	1.8	40,100
Orange	6,800	2.1	14,300	16,800	1.7	28,500	23,600	1.8	42,800
Orleans	5,500	2.9	15,800	5,300	2.2	11,900	10,800	2.6	27,700
Oswego	7,200	2.3	16,200	16,400	1.6	25,600	23,600	1.8	41,800
Otsego	20,500	2.1	42,900	29,600	1.7	51,100	50,100	1.9	94,000
Putnam	200	2.0	400	800	1.5	1,200	1,000	1.6	1,600
Rensselaer	8,000	2.4	19,300	12,300	1.6	20,100	20,300	1.9	39,400
Rockland	-	-	-	-	-	-	-	-	-
St. Lawrence	19,400	2.5	49,000	80,400	2.0	159,200	99,800	2.1	208,200
Saratoga	7,600	1.8	13,400	9,500	1.6	15,500	17,100	1.7	28,900
Schenectady	1,600	1.8	2,800	5,000	1.5	7,300	6,600	1.5	10,100
Schoharie	13,900	1.8	25,700	19,000	1.4	26,900	32,900	1.6	52,600
Schuyler	5,700	2.0	11,300	8,000	1.6	12,600	13,700	1.7	23,900
Seneca	8,700	2.0	17,300	5,900	1.8	10,400	14,600	1.9	27,700
Steuben	24,400	1.7	41,000	57,400	1.6	90,000	81,800	1.6	131,000
Suffolk	300	2.7	800	700	1.4	1,000	1,000	1.8	1,800
Sullivan	2,400	2.2	5,300	17,200	1.8	30,500	19,600	1.8	35,800
Tioga	5,700	2.1	12,100	18,500	1.5	28,300	24,200	1.7	40,400
Tompkins	6,300	1.7	11,000	10,100	1.6	16,200	16,400	1.7	27,200
Ulster	1,900	1.8	3,400	10,700	1.4	14,700	12,600	1.4	18,100
Warren	400	2.5	1,000	100	2.0	200	500	2.4	1,200
Washington	14,000	2.1	29,100	24,500	1.5	36,800	38,500	1.7	65,900
Wayne	8,700	2.8	24,200	5,600	1.8	10,000	14,300	2.4	34,200
Westchester	400	1.8	700	1,000	1.8	1,800	1,400	1.8	2,500
Wyoming	13,700	3.0	41,600	12,800	2.1	26,400	26,500	2.6	68,000
Yates	9,800	2.0	19,200	8,900	1.6	14,000	18,700	1.8	33,200
Other Counties	-	-	-	-	-	-	-	-	-
TOTAL	550,000	2.30	1,265,000	950,000	1.80	1,710,000	1,500,000	1.98	2,975,000

^{1/} Dry hay only. Excludes silage and green chop.

Table 111. CORN: Acreage, Yield, and Production, by County, 1998

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

1/ Included in Other Counties.

Table 112. CORN: Acreage, Yield, and Production, by County, 1999

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	<u>Acres</u>	<u>Acres</u>	<u>Bushels</u>		<u>Acres</u>	<u>Tons</u>	
Albany	5,000	1,000	97	96,700	4,000	13.2	52,900
Allegany	11,200	2,100	110	231,300	9,100	14.5	131,500
Broome	6,500	2,000	86	172,500	4,500	15.2	68,400
Cattaraugus	20,400	7,400	108	800,900	13,000	15.0	194,800
Cayuga	74,000	63,200	102	6,472,100	10,800	16.0	172,500
Chautauqua	25,000	9,200	94	864,900	15,800	14.1	223,000
Chemung	6,200	3,100	85	263,900	3,100	12.8	39,600
Chenango	19,000	5,500	104	571,900	13,500	15.8	213,000
Clinton	20,600	4,300	116	500,700	16,300	16.2	263,300
Columbia	22,300	9,000	90	810,000	13,300	16.5	219,800
Cortland	16,200	2,700	93	250,300	13,500	15.7	211,500
Delaware	9,100	900	89	80,200	8,200	16.1	131,900
Dutchess	10,500	6,100	90	548,900	4,400	14.3	63,000
Erie	24,800	10,200	105	1,071,600	14,600	16.5	240,400
Essex	2,800	500	115	57,300	2,300	16.1	37,000
Franklin	12,300	2,500	116	290,400	9,800	18.6	182,000
Fulton	4,700	800	96	77,000	3,900	14.7	57,500
Genesee	47,000	22,900	100	2,298,800	24,100	16.4	395,600
Greene	1,700	400	91	36,400	1,300	15.2	19,700
Herkimer	17,800	7,100	97	688,700	10,700	15.1	161,400
Jefferson	33,500	7,300	112	817,500	26,200	17.6	461,700
Lewis	21,700	1,300	110	143,200	20,400	18.3	373,600
Livingston	57,200	31,900	99	3,145,800	25,300	15.3	388,000
Madison	35,400	14,800	94	1,391,200	20,600	14.0	288,400
Monroe	25,800	23,600	105	2,477,500	2,200	17.4	38,300
Montgomery	27,300	11,000	89	978,900	16,300	15.7	255,700
Nassau	-	-	-	-	-	-	-
Niagara	41,700	36,800	112	4,121,900	4,900	18.6	90,900
Oneida	36,100	18,200	93	1,686,000	17,900	15.5	277,800
Onondaga	36,900	30,500	94	2,878,500	6,400	14.5	92,900
Ontario	52,400	47,000	95	4,469,200	5,400	14.7	79,300
Orange	14,700	2,500	91	227,100	12,200	14.4	175,400
Orleans	37,600	35,800	110	3,927,700	1,800	17.3	31,100
Oswego	9,700	5,800	101	585,900	3,900	16.3	63,600
Otsego	19,200	7,700	105	808,300	11,500	16.0	184,100
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	20,400	9,200	105	966,500	11,200	14.4	161,500
Rockland	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	38,400	2,000	104	207,500	36,400	17.9	653,200
Saratoga	12,700	3,800	102	387,600	8,900	17.3	153,600
Schenectady	800	300	96	28,800	500	18.8	9,400
Schoharie	12,400	4,800	97	465,600	7,600	14.6	110,800
Schuyler	6,800	2,400	83	199,500	4,400	12.8	56,500
Seneca	34,700	30,100	94	2,829,000	4,600	14.9	68,600
Steuben	36,800	15,600	102	1,591,500	21,200	14.4	305,700
Suffolk	2,700	2,600	107	278,600	100	16.0	1,600
Sullivan	3,200	300	91	27,300	2,900	14.0	40,700
Tioga	11,600	4,300	85	365,700	7,300	12.5	90,900
Tompkins	14,900	8,500	85	722,800	6,400	13.8	88,100
Ulster	3,100	1,500	90	135,000	1,600	13.8	22,000
Warren	1/	1/	1/	1/	1/	1/	1/
Washington	35,500	8,700	105	913,800	26,800	17.1	459,200
Wayne	40,100	38,300	110	4,213,500	1,800	17.0	30,600
Westchester	-	-	-	-	-	-	-
Wyoming	50,700	11,900	112	1,332,600	38,800	18.0	698,500
Yates	18,300	10,400	102	1,057,300	7,900	15.5	122,700
Other Counties	600	200	121	24,200	400	17.0	6,800
TOTAL	1,150,000	590,000	101	59,590,000	560,000	16.0	8,960,000

1/ Included in Other Counties.

Table 113. OATS: Acreage, Yield, and Production, by County, 1998-1999

County	Planted		Harvested		Yield		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Albany	400	600	300	300	58	42	17,400	12,600
Allegany	3,600	3,000	3,000	1,800	59	64	177,000	115,900
Broome	400	500	400	300	53	55	21,100	16,600
Cattaraugus	3,500	3,200	2,800	2,200	63	81	176,400	179,100
Cayuga	5,000	5,200	4,800	4,000	66	77	316,800	306,500
Chautauqua	1,300	1,100	1,100	500	62	75	68,200	37,700
Chemung	1,000	800	1,000	500	58	54	58,000	27,000
Chenango	2,000	1,600	1,700	1,000	61	76	103,800	76,200
Clinton	500	400	400	200	57	53	22,800	10,500
Columbia	900	800	800	500	60	40	48,000	20,200
Cortland	1,100	900	900	400	66	73	59,400	29,300
Delaware	1/	300	1/	200	1/	44	1/	8,700
Dutchess	900	800	800	600	56	54	44,800	32,600
Erie	3,700	3,200	3,200	2,600	60	83	192,100	216,100
Essex	1/	1/	1/	1/	1/	1/	1/	1/
Franklin	600	500	600	300	62	52	37,200	15,700
Fulton	300	300	300	200	55	59	16,500	11,800
Genesee	2,900	2,300	2,800	1,900	65	74	182,000	140,900
Greene	300	300	300	300	57	41	17,200	12,400
Herkimer	2,400	1,800	2,100	1,200	63	62	132,300	74,100
Jefferson	2,100	2,200	1,800	1,200	62	55	112,100	66,500
Lewis	1,700	1,500	1,400	700	65	68	91,500	47,900
Livingston	4,700	4,300	4,700	3,100	60	64	282,100	197,500
Madison	5,500	3,800	4,800	3,000	64	72	307,200	217,300
Monroe	2,600	2,100	2,300	1,500	64	72	147,200	108,000
Montgomery	2,200	1,800	1,900	1,000	58	62	110,200	62,400
Nassau	-	-	-	-	-	-	-	-
Niagara	4,700	5,700	4,600	4,700	59	89	271,400	420,200
Oneida	4,500	3,200	4,100	2,100	61	63	250,100	132,100
Onondaga	6,900	5,500	6,300	4,200	65	71	409,500	299,900
Ontario	5,100	4,700	4,900	3,800	60	73	294,000	278,400
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	2,200	1,700	2,100	1,400	66	79	138,600	111,000
Oswego	1,300	1,500	1,100	800	67	58	73,700	46,000
Otsego	1,700	1,200	1,500	600	63	79	94,500	47,600
Putnam	-	-	-	-	-	-	-	-
Rensselaer	600	400	500	200	57	72	28,500	14,300
Rockland	-	-	-	-	-	-	-	-
St. Lawrence	1,000	1,000	800	500	66	65	52,400	32,700
Saratoga	1,000	800	800	400	57	59	45,600	23,600
Schenectady	-	-	-	-	-	-	-	-
Schoharie	400	400	400	200	60	46	24,000	9,200
Schuyler	1,100	900	1,000	500	61	49	61,000	24,700
Seneca	4,400	3,700	4,400	3,000	65	69	286,000	207,100
Steuben	15,900	13,200	14,700	9,200	61	57	896,000	527,700
Suffolk	300	300	300	200	71	89	21,300	17,800
Sullivan	-	-	-	-	-	-	-	-
Tioga	1,500	1,200	1,300	700	58	60	75,300	41,900
Tompkins	3,500	3,100	3,400	2,100	62	53	210,700	112,100
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	600	600	500	200	61	60	30,500	11,900
Wayne	2,200	1,800	2,200	1,500	66	63	145,200	94,000
Westchester	-	-	-	-	-	-	-	-
Wyoming	4,000	3,200	3,500	2,500	62	70	217,000	174,000
Yates	2,200	2,100	2,100	1,500	60	54	126,000	81,600
Other Counties	300	500	300	200	58	44	17,400	8,700
TOTAL	115,000	100,000	105,000	70,000	62	68	6,510,000	4,760,000

1/ Included in Other Counties.

Table 114. WHEAT: Acreage, Yield, and Production, by County, 1998-1999

County	Planted		Harvested		Yield		Production	
	1998	1999	1998	1999	1998	1999	1998	1999
	<u>Acres</u>		<u>Acres</u>		<u>Bushels</u>		<u>Bushels</u>	
Albany	1/	1/	1/	1/	1/	1/	1/	1/
Allegany	1/	300	1/	300	1/	59	1/	17,800
Broome	1/	1/	1/	1/	1/	1/	1/	1/
Cattaraugus	400	500	400	500	40	64	16,000	31,800
Cayuga	10,100	8,900	9,400	8,700	56	63	526,400	547,000
Chautauqua	400	600	400	600	41	62	16,400	37,000
Chemung	1/	1/	1/	1/	1/	1/	1/	1/
Chenango	1/	1/	1/	1/	1/	1/	1/	1/
Clinton	-	-	-	-	-	-	-	-
Columbia	700	600	600	500	40	62	24,000	30,800
Cortland	300	300	300	300	51	63	15,300	18,900
Delaware	1/	-	1/	-	1/	-	1/	-
Dutchess	1/	1/	1/	1/	1/	1/	1/	1/
Erie	1,700	2,000	1,500	1,900	48	63	72,500	120,300
Essex	300	400	300	400	38	66	11,400	26,200
Franklin	-	-	-	-	-	-	-	-
Fulton	1/	1/	1/	1/	1/	1/	1/	1/
Genesee	15,500	13,500	14,400	13,000	56	68	806,400	882,100
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Herkimer	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	1,600	1,500	1,500	1,400	48	68	72,000	95,600
Lewis	1/	1/	1/	1/	1/	1/	1/	1/
Livingston	15,400	14,200	14,300	13,600	56	66	800,800	902,300
Madison	800	800	700	700	55	63	38,500	44,200
Monroe	15,100	13,600	14,000	13,300	55	68	770,000	906,200
Montgomery	300	400	300	400	40	71	12,000	28,400
Nassau	1/	1/	1/	1/	1/	1/	1/	1/
Niagara	7,100	7,300	6,600	7,200	52	66	343,200	472,100
Oneida	1,400	1,300	1,300	1,200	49	60	63,700	72,400
Onondaga	5,500	4,600	5,100	4,400	53	59	270,300	259,200
Ontario	14,800	12,900	13,700	12,200	57	68	780,900	828,000
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	14,900	14,300	13,800	13,800	55	63	759,000	873,600
Oswego	300	500	300	500	52	60	15,600	29,900
Otsego	1/	1/	1/	1/	1/	1/	1/	1/
Putnam	-	-	-	-	-	-	-	-
Rensselaer	700	700	700	600	41	67	28,700	40,300
Rockland	-	-	-	-	-	-	-	-
St. Lawrence	1/	1/	1/	1/	1/	1/	1/	1/
Saratoga	1/	1/	1/	1/	1/	1/	1/	1/
Schenectady	1/	1/	1/	1/	1/	1/	1/	1/
Schoharie	1/	1/	1/	1/	1/	1/	1/	1/
Schuyler	700	600	600	500	49	54	29,400	27,000
Seneca	9,000	8,900	8,400	8,800	57	68	478,800	598,100
Steuben	3,000	2,800	2,800	2,500	43	64	120,400	160,900
Suffolk	500	500	500	500	52	55	26,000	27,500
Sullivan	-	-	-	-	-	-	-	-
Tioga	1/	1/	1/	1/	1/	1/	1/	1/
Tompkins	2,300	1,900	2,100	1,700	46	54	96,600	92,200
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	300	300	300	300	42	61	12,600	18,300
Wayne	5,600	4,800	5,200	4,600	52	63	270,400	290,200
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	4,400	3,600	4,100	3,500	53	61	217,500	214,100
Yates	5,200	4,900	4,800	4,700	53	63	254,400	296,400
Other Counties	1,700	2,500	1,600	2,400	44	57	70,800	136,200
TOTAL	140,000	130,000	130,000	125,000	54	65	7,020,000	8,125,000

1/ Included in Other Counties.

Table 115. CATTLE: Number on Farms, by County, January 1, 1999 and 2000

County	All cattle and calves		Milk cows		Beef cows	
	1999	2000	1999	2000	1999	2000
	<i>Number</i>					
Albany	8,500	8,500	1,500	1,500	1,600	1,900
Allegany	28,000	30,000	9,000	10,000	2,800	2,500
Broome	16,000	17,000	6,500	7,000	1,400	1,600
Cattaraugus	40,000	41,000	20,000	20,500	2,000	2,400
Cayuga	56,000	54,000	28,500	27,000	2,200	1,800
Chautauqua	52,000	49,000	24,500	22,500	2,200	2,500
Chemung	9,000	9,000	3,000	3,000	800	900
Chenango	44,000	45,000	21,000	21,000	2,200	2,000
Clinton	37,000	37,000	21,000	21,000	800	600
Columbia	21,000	24,000	9,000	11,000	1,300	1,400
Cortland	30,000	31,000	15,500	16,000	1,400	1,100
Delaware	34,000	35,000	16,000	16,500	2,300	2,000
Dutchess	12,000	12,500	3,000	3,300	1,800	1,600
Erie	30,000	30,000	16,000	16,000	1,500	1,400
Essex	7,000	7,000	3,000	3,000	600	600
Franklin	33,000	33,000	18,000	18,500	1,000	1,000
Fulton	8,000	8,000	3,000	3,000	500	500
Genesee	43,000	41,000	22,000	21,000	1,100	1,200
Greene	4,500	4,500	1,000	1,300	700	800
Herkimer	36,000	36,000	18,500	18,500	900	900
Jefferson	61,000	61,000	33,500	33,000	3,100	3,400
Lewis	51,000	51,000	28,500	28,500	600	600
Livingston	42,000	43,000	20,500	21,500	2,000	1,900
Madison	47,000	45,000	24,500	23,000	1,100	1,200
Monroe	9,000	8,000	3,500	2,900	700	500
Montgomery	34,000	30,000	19,000	16,000	1,000	1,200
Nassau	1/	1/	1/	1/	1/	1/
Niagara	18,000	19,000	7,500	8,000	1,600	1,700
Oneida	49,000	47,000	23,000	22,000	1,400	1,600
Onondaga	33,000	32,000	18,500	18,000	1,400	1,000
Ontario	32,000	33,000	15,500	16,000	1,500	1,400
Orange	18,000	17,000	9,500	9,000	800	900
Orleans	10,000	11,000	3,500	4,000	1,400	1,800
Oswego	15,000	15,000	5,000	5,000	1,800	2,200
Otsego	42,000	40,000	21,000	19,000	2,300	2,500
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	18,000	19,000	9,000	10,000	1,600	1,700
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	80,000	82,000	38,000	39,500	3,800	4,000
Saratoga	15,000	16,000	7,000	7,500	900	1,000
Schenectady	1,500	2,000	600	800	300	400
Schoharie	21,000	23,000	7,500	8,500	1,800	2,000
Schuyler	10,000	9,500	4,000	3,500	1,000	700
Seneca	16,000	16,000	6,500	6,500	1,400	1,500
Steuben	55,000	56,000	20,000	21,000	5,000	5,200
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	12,000	10,500	4,800	4,000	1,000	800
Tioga	21,000	21,000	9,500	10,000	2,000	2,400
Tompkins	19,000	21,000	9,500	10,000	1,200	1,200
Ulster	5,500	5,000	800	600	1,200	1,000
Warren	1/	1/	1/	1/	1/	1/
Washington	51,000	49,000	24,500	23,000	1,700	1,600
Wayne	19,000	18,000	7,500	7,000	1,400	1,600
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	86,000	86,000	50,000	50,000	2,000	2,100
Yates	19,000	20,000	9,500	10,000	1,400	1,700
Other Counties	1,000	1,500	300	600	500	500
TOTAL	1,460,000	1,460,000	702,000	700,000	78,000	80,000

1/ Included in Other Counties.

Table 116. MILK: Cows and Production by County, 1998 and 1999

County	Annual average milk cows		Average production per cow		Total milk production	
	1998	1999	1998	1999	1998	1999
	<i>Number</i>		<i>Pounds</i>		<i>1,000 pounds</i>	
Albany	1,600	1,500	16,300	16,500	26,100	24,700
Allegany	9,500	9,700	17,000	17,400	161,500	168,800
Broome	6,800	6,700	16,200	16,600	110,200	111,200
Cattaraugus	20,500	20,500	17,100	17,500	350,500	358,700
Cayuga	28,000	27,000	17,600	18,000	492,800	486,000
Chautauqua	24,500	23,500	16,800	17,000	411,600	399,500
Chemung	2,900	3,000	16,300	17,000	47,300	51,000
Chenango	21,500	21,000	16,200	16,700	348,300	350,700
Clinton	20,500	21,000	15,700	16,200	321,900	340,200
Columbia	10,000	10,000	16,700	17,000	167,000	170,000
Cortland	15,500	16,000	16,700	17,100	258,900	273,600
Delaware	16,500	16,000	16,000	16,500	264,000	264,000
Dutchess	3,200	3,200	16,400	16,900	52,500	54,100
Erie	16,000	16,000	17,000	17,400	272,000	278,400
Essex	2,700	3,000	15,400	15,800	41,600	47,400
Franklin	18,000	18,500	15,800	16,400	284,400	303,400
Fulton	3,000	3,000	15,800	16,200	47,400	48,600
Genesee	21,500	21,500	17,900	18,300	384,900	393,400
Greene	1,300	1,300	16,000	16,400	20,800	21,300
Herkimer	18,500	18,500	16,200	16,500	299,700	305,200
Jefferson	33,000	33,000	16,200	16,700	534,600	551,100
Lewis	28,500	28,500	16,300	16,800	464,600	478,800
Livingston	20,000	21,000	18,200	18,600	364,000	390,600
Madison	24,500	23,500	16,200	16,500	396,900	387,700
Monroe	3,400	2,800	17,500	17,600	59,500	49,300
Montgomery	18,500	17,000	16,400	16,600	303,400	282,200
Nassau	1/	1/	1/	1/	1/	1/
Niagara	7,500	8,000	17,200	17,300	129,000	138,400
Oneida	24,000	22,500	16,300	16,600	391,200	373,500
Onondaga	18,000	18,500	17,100	17,400	307,800	321,900
Ontario	15,000	16,000	18,100	18,400	271,500	294,400
Orange	9,500	9,000	16,400	16,800	155,800	151,200
Orleans	3,500	3,800	17,100	17,500	59,800	66,500
Oswego	5,200	5,000	16,300	16,800	84,800	84,000
Otsego	20,500	20,000	16,300	16,700	334,200	334,000
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	8,600	9,700	16,500	16,900	141,900	163,900
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	38,500	39,500	15,800	16,400	608,300	647,800
Saratoga	6,500	7,500	16,100	16,400	104,700	123,000
Schenectady	600	700	16,300	16,400	9,800	11,500
Schoharie	8,000	8,000	16,200	16,500	129,600	132,000
Schuyler	4,000	4,000	16,800	17,400	67,200	69,600
Seneca	6,400	6,500	17,800	18,100	113,900	117,600
Steuben	20,500	21,000	17,000	17,500	348,500	367,500
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	4,200	4,100	16,000	16,600	67,200	68,100
Tioga	10,000	9,500	16,300	17,100	163,000	162,400
Tompkins	9,300	9,500	17,200	17,400	160,000	165,300
Ulster	800	700	16,000	16,400	12,800	11,500
Warren	1/	1/	1/	1/	1/	1/
Washington	24,500	23,000	16,400	16,700	401,800	384,100
Wayne	7,500	7,300	17,200	17,400	129,000	127,000
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	49,000	50,000	18,400	18,900	901,600	945,000
Yates	9,200	10,000	18,000	18,200	165,600	182,000
Other Counties	300	500	15,300	15,800	4,600	7,900
TOTAL	701,000	701,000	16,762	17,175	11,750,000	12,040,000

1/ Included in Other Counties.

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

County	Hogs - December 1		Sheep - January 1	
	1998	1999	1999	2000
	<i>Number</i>			
Albany	1/	500	800	1,200
Allegany	3,300	1,400	1,800	2,300
Broome	1/	1/	1,200	1,000
Cattaraugus	700	500	900	900
Cayuga	6,600	2,500	1,200	800
Chautauqua	700	600	500	500
Chemung	1/	1/	1/	500
Chenango	1/	600	1,000	1,100
Clinton	1/	1/	1/	1/
Columbia	1/	1/	2,800	2,500
Cortland	1/	1/	3,100	2,700
Delaware	1/	1/	800	1,200
Dutchess	1/	1/	2,500	2,400
Erie	1,500	1,100	1,100	1,200
Essex	1/	1/	1/	1/
Franklin	1/	1/	1/	500
Fulton	1/	1/	600	1/
Genesee	6,000	4,800	1,800	2,300
Greene	1/	1/	500	600
Herkimer	1/	1/	600	600
Jefferson	1/	1/	700	900
Lewis	1/	1/	1/	1/
Livingston	1/	1/	2,300	2,300
Madison	600	1/	900	1,100
Monroe	1/	1/	500	600
Montgomery	1/	1/	1,000	700
Nassau	1/	1/	1/	1/
Niagara	800	900	800	800
Oneida	1/	1/	800	600
Onondaga	1/	1/	800	1,500
Ontario	3,000	1,000	1,700	2,400
Orange	600	1/	900	1,200
Orleans	2,200	2,100	1/	1/
Oswego	800	1/	1/	1/
Otsego	1/	1/	1,700	1,500
Putnam	1/	1/	1/	1/
Rensselaer	800	600	1,400	1,700
Rockland	1/	1/	1/	1/
St. Lawrence	1,200	1,000	2,100	2,000
Saratoga	1/	1/	800	900
Schenectady	1/	1/	1/	1/
Schoharie	1/	1/	1,400	1,500
Schuyler	1/	1/	1,300	1,300
Seneca	10,900	4,500	500	1/
Steuben	2,700	2,500	1,100	1,200
Suffolk	1/	1/	1/	1/
Sullivan	1/	1/	1,100	1,100
Tioga	800	1/	1,000	1,000
Tompkins	1/	1/	1,800	2,300
Ulster	1,600	1,200	600	500
Warren	1/	1/	1/	1/
Washington	600	1,000	2,200	2,300
Wayne	4,800	4,300	500	1/
Westchester	1/	1/	1/	1/
Wyoming	1/	1/	2,800	2,800
Yates	1,300	1,200	1,200	800
Other Counties	8,500	7,700	1,900	2,700
TOTAL	60,000	40,000	55,000	58,000

1/ Included in Other Counties.

Table 118. MAPLE: Summary by County, 2000

County	Number of producers	Number of taps	Syrup Produced (Gallons)		Prelim. 2000 Price <u>1/</u>	Average Date Season	
			Per tap	Total		Opened	Closed
Albany	8	7,315	0.176	1,285	27.45	Feb. 29	Mar. 25
Allegany	34	45,337	0.146	6,634	24.20	Feb. 23	Mar. 20
Broome	7	6,458	0.337	2,176	29.65	Mar. 04	Mar. 26
Cattaraugus	41	51,492	0.153	7,881	21.70	Feb. 24	Mar. 21
Cayuga	8	2,805	0.137	383	29.35	Feb. 24	Mar. 21
Chautauqua	35	47,885	0.117	5,612	24.05	Feb. 22	Mar. 19
Chemung	4	4,818	0.103	495	30.50	Feb. 24	Mar. 21
Chenango	22	23,839	0.191	4,557	27.70	Feb. 27	Mar. 25
Clinton	27	91,618	0.128	11,684	25.55	Mar. 05	Mar. 30
Columbia	4	891	0.236	211	34.85	Feb. 27	Mar. 20
Cortland	15	23,793	0.157	3,725	26.15	Feb. 27	Mar. 24
Delaware	40	52,978	0.146	7,731	24.90	Feb. 26	Mar. 24
Erie	15	44,739	0.146	6,530	23.60	Feb. 20	Mar. 18
Essex	14	20,677	0.226	4,681	27.35	Mar. 01	Apr. 02
Franklin	12	24,352	0.146	3,555	24.80	Mar. 05	Apr. 05
Fulton	10	7,529	0.155	1,163	25.50	Feb. 27	Mar. 26
Genesee	6	3,030	0.116	351	30.20	Feb. 23	Mar. 20
Greene	11	23,026	0.134	3,079	28.30	Feb. 25	Mar. 26
Hamilton	3	3,696	0.177	656	36.00	Feb. 26	Mar. 14
Herkimer	11	6,738	0.247	1,664	27.00	Feb. 25	Mar. 28
Jefferson	15	12,528	0.160	2,003	24.00	Mar. 01	Mar. 24
Lewis	81	186,977	0.196	36,594	22.55	Feb. 29	Mar. 29
Livingston	6	980	0.164	161	24.90	Feb. 27	Mar. 19
Madison	12	11,982	0.242	2,896	24.45	Feb. 27	Mar. 25
Montgomery	5	43,482	0.254	11,038	24.15	Feb. 25	Mar. 26
Oneida	15	10,841	0.179	1,938	25.75	Feb. 27	Mar. 23
Onondaga	9	5,503	0.215	1,185	31.10	Feb. 24	Mar. 18
Ontario	8	9,040	0.258	2,334	26.45	Feb. 25	Mar. 23
Orleans	3	4,536	0.114	518	28.35	Feb. 19	Mar. 19
Oswego	9	9,522	0.153	1,454	28.20	Feb. 29	Mar. 24
Otsego	32	44,730	0.149	6,669	25.65	Feb. 27	Mar. 21
Rensselaer	10	4,740	0.160	757	27.60	Feb. 29	Mar. 23
St. Lawrence	75	97,356	0.164	15,994	23.35	Mar. 01	Mar. 26
Saratoga	9	16,257	0.189	3,073	28.55	Mar. 03	Mar. 29
Schenectady	4	4,982	0.178	888	22.65	Feb. 19	Mar. 25
Schoharie	21	48,316	0.173	8,332	27.15	Feb. 29	Mar. 24
Schuyler	5	4,365	0.194	846	46.55	Feb. 21	Mar. 21
Steuben	31	21,436	0.127	2,724	23.25	Feb. 25	Mar. 21
Sullivan	9	4,481	0.116	518	28.00	Feb. 25	Mar. 23
Tioga	11	10,652	0.142	1,512	32.15	Feb. 25	Mar. 21
Tompkins	3	871	0.208	181	33.65	Feb. 25	Mar. 30
Ulster	8	4,740	0.145	687	36.85	Feb. 19	Mar. 20
Warren	7	8,922	0.215	1,917	29.35	Mar. 03	Mar. 28
Washington	27	42,054	0.239	10,061	28.55	Feb. 28	Mar. 27
Wayne	4	3,040	0.202	615	28.65	Mar. 03	Mar. 30
Wyoming	46	144,659	0.140	20,316	24.90	Feb. 24	Mar. 24
Yates	10	4,618	0.181	837	25.75	Feb. 24	Mar. 20
Other Counties <u>2/</u>	6	1,959	0.112	220	24.59	NA	NA
TOTAL	808	1,257,000	0.167	210,000	\$25.40	Feb. 27	Mar. 24

1/ Includes all types of sales.2/ Other counties include Dutchess, Monroe, Orange, and Putnam.

NA - Not applicable.

Table 119. CASH RECEIPTS: New York Cash Receipts from Farm Marketings,
by County, 1998-1999

County	All Products		All Livestock		All Crops	
	1998	1999	1998	1999	1998	1999
	<i>1,000 dollars</i>					
Albany	15,560	15,419	8,878	8,769	6,682	6,650
Allegany	39,558	38,619	35,566	34,703	3,992	3,916
Broome	26,794	26,296	21,984	21,478	4,810	4,818
Cattaraugus	60,190	59,046	50,179	48,936	10,011	10,110
Cayuga	128,858	125,379	89,338	87,224	39,520	38,155
Chautauqua	100,623	100,826	69,852	68,089	30,771	32,737
Chemung	13,832	13,599	9,894	9,680	3,938	3,919
Chenango	61,419	59,819	57,848	56,393	3,571	3,426
Clinton	75,841	75,543	59,692	58,389	16,149	17,154
Columbia	73,202	73,050	54,659	53,846	18,543	19,204
Cortland	43,522	42,373	40,525	39,494	2,997	2,879
Delaware	49,907	48,689	45,313	44,174	4,594	4,515
Dutchess	35,489	35,266	18,007	17,722	17,482	17,544
Erie	82,370	81,545	51,398	50,334	30,972	31,211
Essex	8,869	8,610	6,405	6,244	2,464	2,366
Franklin	51,293	49,944	45,443	44,296	5,850	5,648
Fulton	11,176	10,913	9,925	9,667	1,251	1,246
Genesee	131,442	127,993	70,255	68,624	61,187	59,369
Greene	9,022	8,916	5,711	5,624	3,311	3,292
Herkimer	53,436	52,058	49,844	48,570	3,592	3,488
Jefferson	88,328	86,064	81,629	79,607	6,699	6,457
Lewis	72,803	70,846	69,873	68,035	2,930	2,811
Livingston	80,975	78,519	53,945	52,598	27,030	25,921
Madison	76,098	74,148	67,091	65,383	9,007	8,765
Monroe	52,754	52,052	10,368	10,174	42,386	41,878
Montgomery	55,807	54,238	48,406	47,162	7,401	7,076
Nassau	3,122	3,143	211	212	2,911	2,931
Niagara	63,615	63,834	22,164	21,658	41,451	42,176
Oneida	84,492	82,526	68,018	66,322	16,474	16,204
Onondaga	77,977	76,639	56,175	54,937	21,802	21,702
Ontario	87,595	85,590	46,365	45,264	41,230	40,326
Orange	81,251	80,661	28,953	28,282	52,298	52,379
Orleans	71,216	71,081	10,155	9,926	61,061	61,155
Oswego	37,847	37,109	15,602	15,237	22,245	21,872
Otsego	59,247	57,791	55,062	53,697	4,185	4,094
Putnam	2,832	2,829	<u>1/</u>	<u>1/</u>	2,832	2,829
Rensselaer	31,770	31,143	22,242	21,693	9,528	9,450
St. Lawrence	103,647	100,933	97,287	94,795	6,360	6,138
Saratoga	32,369	31,926	23,782	23,243	8,587	8,683
Schenectady	6,147	6,160	1,794	1,764	4,353	4,396
Schoharie	30,541	29,862	24,557	23,954	5,984	5,908
Schuyler	15,324	15,180	11,861	11,597	3,463	3,583
Seneca	42,612	41,814	23,014	22,526	19,598	19,288
Steuben	84,800	82,826	61,813	60,432	22,987	22,394
Suffolk	160,784	162,885	9,890	9,932	150,894	152,953
Sullivan	22,843	22,572	20,713	20,473	2,130	2,099
Tioga	31,780	31,045	28,502	27,786	3,278	3,259
Tompkins	48,151	47,344	40,614	40,002	7,537	7,342
Ulster	44,886	47,586	5,156	5,095	39,730	42,491
Warren	1,240	1,261	<u>1/</u>	<u>1/</u>	1,240	1,261
Washington	88,307	86,169	78,340	76,415	9,967	9,754
Wayne	109,881	112,663	35,946	35,505	73,935	77,158
Westchester	9,941	10,065	2,615	2,626	7,326	7,439
Wyoming	157,432	153,186	143,938	140,210	13,494	12,976
Yates	45,593	45,237	23,988	23,418	21,605	21,819
Other Counties <u>2/</u>	4,380	4,389	1,009	990	3,371	3,399
TOTAL	3,140,790	3,095,219	2,091,794	2,043,206	1,048,996	1,052,013

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

Table 119. CASH RECEIPTS: New York Cash Receipts from Farm Marketings,
by County, 1998-1999 (Continued)

County	Dairy		Other Livestock and Poultry	
	1998	1999	1998	1999
	<u>1,000 dollars</u>			
Albany	4,531	4,404	4,347	4,365
Allegany	31,524	30,644	4,042	4,059
Broome	18,630	18,110	3,354	3,368
Cattaraugus	45,254	43,990	4,925	4,946
Cayuga	77,578	75,412	11,760	11,812
Chautauqua	64,006	62,218	5,846	5,871
Chemung	7,942	7,720	1,952	1,960
Chenango	52,874	51,398	4,974	4,995
Clinton	48,426	47,074	11,266	11,315
Columbia	32,549	31,640	22,110	22,206
Cortland	37,396	36,352	3,129	3,142
Delaware	41,384	40,228	3,929	3,946
Dutchess	11,253	10,939	6,754	6,783
Erie	39,882	38,768	11,516	11,566
Essex	5,827	5,664	578	580
Franklin	41,640	40,477	3,803	3,819
Fulton	9,330	9,069	595	598
Genesee	59,983	58,308	10,272	10,316
Greene	3,484	3,387	2,227	2,237
Herkimer	46,213	44,923	3,631	3,647
Jefferson	73,650	71,593	7,979	8,014
Lewis	66,356	64,503	3,517	3,532
Livingston	49,000	47,632	4,945	4,966
Madison	61,956	60,226	5,135	5,157
Monroe	7,405	7,198	2,963	2,976
Montgomery	45,055	43,797	3,351	3,365
Nassau	1/	1/	211	212
Niagara	18,664	18,143	3,500	3,515
Oneida	61,697	59,974	6,321	6,348
Onondaga	45,903	44,621	10,272	10,316
Ontario	40,344	39,217	6,021	6,047
Orange	24,674	23,985	4,279	4,297
Orleans	8,436	8,200	1,719	1,726
Oswego	13,394	13,020	2,208	2,217
Otsego	49,696	48,308	5,366	5,389
Putnam	1/	1/	1/	1/
Rensselaer	20,033	19,474	2,209	2,219
St. Lawrence	90,301	87,779	6,986	7,016
Saratoga	19,923	19,367	3,859	3,876
Schenectady	1,172	1,139	622	625
Schoharie	21,991	21,377	2,566	2,577
Schuyler	9,782	9,509	2,079	2,088
Seneca	18,210	17,701	4,804	4,825
Steuben	51,144	49,716	10,669	10,716
Suffolk	1/	1/	9,890	9,932
Sullivan	10,196	9,911	10,517	10,562
Tioga	26,022	25,295	2,480	2,491
Tompkins	24,414	23,732	16,200	16,270
Ulster	2,561	2,489	2,595	2,606
Warren	1/	1/	1/	1/
Washington	70,184	68,224	8,156	8,191
Wayne	18,476	17,960	17,470	17,545
Westchester	1/	1/	2,615	2,626
Wyoming	134,943	131,176	8,995	9,034
Yates	20,859	20,276	3,129	3,142
Other Counties 2/	715	695	294	295
TOTAL	1,786,862	1,736,962	304,932	306,244

1/ Included in Other Counties.

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

Table 119. CASH RECEIPTS: New York Cash Receipts from Farm Marketings,
by County, 1998-1999 (Continued)

County	Vegetables <u>1/</u>		Fruit <u>1/</u>	
	1998	1999	1998	1999
	<u>1,000 dollars</u>			
Albany	1,324	1,289	2/	2/
Allegany	535	521	2/	2/
Broome	1,302	1,268	316	349
Cattaraugus	662	645	1,174	1,295
Cayuga	13,361	13,011	842	929
Chautauqua	3,741	3,643	20,895	23,052
Chemung	650	633	56	62
Chenango	2/	2/	2/	2/
Clinton	596	580	10,348	11,416
Columbia	2/	2/	8,995	9,923
Cortland	481	468	25	28
Delaware	338	329	19	21
Dutchess	5,769	5,618	1,991	2,196
Erie	5,509	5,365	2,621	2,891
Essex	369	359	2/	2/
Franklin	1,985	1,934	57	63
Fulton	175	170	156	172
Genesee	47,750	46,499	179	197
Greene	974	948	119	131
Herkimer	681	663	57	63
Jefferson	388	378	236	261
Lewis	100	97	4	4
Livingston	6,264	6,100	59	65
Madison	2,478	2,413	67	74
Monroe	18,646	18,157	4,278	4,719
Montgomery	666	649	2/	2/
Nassau	762	742	2/	2/
Niagara	12,789	12,454	14,301	15,777
Oneida	4,717	4,593	948	1,046
Onondaga	5,743	5,593	4,437	4,895
Ontario	17,011	16,565	3,713	4,096
Orange	29,853	29,072	6,338	6,992
Orleans	28,831	28,076	15,816	17,448
Oswego	16,124	15,702	1,213	1,337
Otsego	200	195	79	87
Putnam	597	581	2/	2/
Rensselaer	1,802	1,755	163	180
St. Lawrence	493	480	80	88
Saratoga	800	779	1,233	1,360
Schenectady	807	786	121	133
Schoharie	1,480	1,441	571	630
Schuyler	166	162	1,565	1,726
Seneca	1,150	1,120	4,098	4,521
Steuben	2,407	2,344	1,942	2,142
Suffolk	18,371	17,890	4,299	4,743
Sullivan	500	487	2/	2/
Tioga	782	761	246	271
Tompkins	1,090	1,061	408	450
Ulster	6,168	6,006	28,164	31,071
Warren	25	24	2/	2/
Washington	1,555	1,514	386	426
Wayne	9,865	9,607	40,845	45,061
Westchester	1,396	1,359	283	312
Wyoming	3,113	3,031	381	420
Yates	8,229	8,013	6,965	7,684
Other Counties <u>3/</u>	2/	2/	2/	2/
TOTAL	291,570	283,930	191,089	210,807

1/ State Total will not equal sum of county values because unpublished county values are included in Field and Other Crops county values. 2/ Included in Field and Other Crops. 3/ Other Counties - Bronx, Hamilton, Kings, New York, Queens, Richmond, Rockland.

Table 119. CASH RECEIPTS: New York Cash Receipts from Farm Marketings,
by County, 1998-1999 (Continued)

County	Greenhouse and Nursery		Field and Other Crops ^{1/}	
	1998	1999	1998	1999
	<i>1,000 dollars</i>			
Albany	3,726	3,812	1,632	1,549
Allegany	1,554	1,590	1,903	1,805
Broome	2,319	2,373	873	828
Cattaraugus	5,564	5,693	2,611	2,477
Cayuga	2,665	2,727	22,652	21,488
Chautauqua	2,991	3,060	3,144	2,982
Chemung	2,121	2,170	1,111	1,054
Chenango	518	530	3,053	2,896
Clinton	2,934	3,003	2,271	2,155
Columbia	2,998	3,068	6,550	6,213
Cortland	270	276	2,221	2,107
Delaware	1,955	2,000	2,282	2,165
Dutchess	6,810	6,968	2,912	2,762
Erie	17,250	17,650	5,592	5,305
Essex	273	279	1,822	1,728
Franklin	531	543	3,277	3,108
Fulton	410	420	510	484
Genesee	1,298	1,328	11,960	11,345
Greene	1,453	1,487	765	726
Herkimer	741	758	2,113	2,004
Jefferson	743	760	5,332	5,058
Lewis	381	390	2,445	2,320
Livingston	1,519	1,554	19,188	18,202
Madison	1,984	2,030	4,478	4,248
Monroe	7,240	7,408	12,222	11,594
Montgomery	508	520	6,227	5,907
Nassau	2,008	2,055	141	134
Niagara	4,328	4,428	10,033	9,517
Oneida	4,176	4,273	6,633	6,292
Onondaga	2,529	2,588	9,093	8,626
Ontario	2,856	2,922	17,650	16,743
Orange	13,894	14,216	2,213	2,099
Orleans	819	838	15,595	14,793
Oswego	2,388	2,443	2,520	2,390
Otsego	1,437	1,470	2,469	2,342
Putnam	1,714	1,754	521	494
Rensselaer	4,575	4,681	2,988	2,834
St. Lawrence	1,070	1,095	4,717	4,475
Saratoga	4,382	4,484	2,172	2,060
Schenectady	3,061	3,132	364	345
Schoharie	1,432	1,465	2,501	2,372
Schuyler	696	712	1,036	983
Seneca	470	481	13,880	13,166
Steuben	3,059	3,130	15,579	14,778
Suffolk	116,483	119,183	11,741	11,137
Sullivan	883	903	747	709
Tioga	1,242	1,271	1,008	956
Tompkins	1,374	1,406	4,665	4,425
Ulster	3,931	4,022	1,467	1,392
Warren	1,139	1,165	76	72
Washington	2,694	2,756	5,332	5,058
Wayne	6,154	6,297	17,071	16,193
Westchester	5,513	5,641	134	127
Wyoming	517	529	9,483	8,996
Yates	543	556	5,868	5,566
Other Counties ^{2/}	2,697	2,760	674	639
TOTAL	268,820	275,053	297,517	282,223

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

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