



Section O

Environmental Conservation and Recreation

Information on the environment and the outdoors in New York State — including State parks and other commercial or public recreation; hunting and fishing; forest management; air, land, and water pollution; earthquakes; and mineral resources.

Highlights

- New York's 213 State parks and historic sites received 54 million visitors in the 2008-09 fiscal year.
- There were 157 forest fires in New York in 2008, down from 211 in 2007.
- The 245 rescue missions conducted by the Department of Environmental Conservation in 2008 consumed 14,094 staff hours, considerably more than the 8,964 in 2007, when 223 missions were conducted.
- There were 27 hunting accidents reported in 2008, down from 37 in 2007.
- There were 46 active solid waste disposal sites in 2009, compared to 861 in 1970.
- There were 872 inactive hazardous waste disposal sites in 2009.
- The volume of suspended particulates annually dispersed into the atmosphere in New York has declined by more than two-thirds since 1965.

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TABLE O-1

**Acres of and Attendance at State-Owned Public Campgrounds
Within the Adirondack and Catskill Forest Preserves
2002-08**

Campsite	County	Acres Developed	Attendance						
			2002	2003	2004	2005	2006	2007	2008
New York State		6,452	1,554,679	1,353,104	1,405,942	1,442,863	1,356,449	1,484,913	1,648,730
Alger Island	Herkimer	45	5,192	3,671	4,302	4,482	3,947	3,658	3,840
Ausable Point	Clinton	30	59,874	45,837	50,527	51,259	44,360	49,633	46,314
Beaverkill	Sullivan	62	18,297	15,356	15,878	17,445	6,476	9,175	9,563
Brown Tract Pond	Hamilton	20	10,774	10,642	10,855	12,261	12,267	13,907	14,658
Buck Pond	Hamilton	150	16,681	16,524	17,599	18,204	17,599	18,620	17,438
Caroga Lake	Fulton	40	33,841	20,251	24,181	25,741	22,172	24,261	21,982
Cranberry Lake	St. Lawrence	90	35,581	32,244	34,831	36,394	34,988	37,278	33,537
Crown Point	Essex	39	16,796	15,942	15,595	14,159	13,295	14,597	11,763
Devil's Tombstone	Greene	24	3,701	3,397	4,827	4,793	4,829	4,656	5,888
Eagle Point	Warren	16	13,193	10,631	11,559	13,589	14,029	13,457	12,816
Eighth Lake	Hamilton	75	35,728	32,991	34,196	33,537	34,265	34,936	33,807
Fish Creek Pond	Franklin	121	116,352	104,611	106,076	106,951	108,828	114,400	109,181
Forked Lake	Hamilton	27	9,763	10,432	10,792	11,166	11,072	12,059	13,448
Fourth Lake Day Use Area	Herkimer	10	1,437	969	1,117	1,073	611	659	523
Golden Beach	Hamilton	40	38,713	33,526	34,142	35,382	36,561	36,260	33,541
Hearthstone Point	Warren	89	53,890	49,237	53,395	53,006	52,957	54,737	54,969
Hinckley Reservoir	Herkimer	2,782	12,063	7,918	7,058	10,988	10,230	9,083	7,689
Indian Lake Islands	Hamilton	15	17,019	13,796	15,114	14,677	15,457	16,052	17,434
Lake Durant	Hamilton	25	16,901	18,273	18,361	17,864	17,209	18,771	18,765
Lake Eaton	Hamilton	30	29,031	27,248	28,249	28,001	28,849	30,001	28,964
Lake George Battleground	Warren	12	19,073	19,073	20,850	21,324	20,513	22,135	20,872
Lake George Islands	Warren	305	81,745	90,632	103,003	103,458	101,151	104,934	98,201
Lake Harris	Essex	21	13,021	13,089	10,902	11,667	12,674	16,224	15,395
Lewey Lake	Hamilton	40	37,139	33,079	33,013	34,259	31,501	38,358	38,372
Limekiln Lake	Hamilton	50	36,114	33,973	32,334	35,394	35,565	35,975	34,447
Lincoln Pond	Essex	160	12,239	11,730	10,952	13,277	13,095	13,786	11,074
Little Pond	Delaware	46	18,481	14,460	16,757	15,716	15,390	18,068	13,968
Little Sand Point	Hamilton	20	11,058	10,306	10,027	9,668	9,254	9,996	10,203
Luzerne	Warren	625	36,442	30,485	31,607	32,786	31,566	33,284	31,294
Meacham Lake	Franklin	100	49,389	39,873	39,912	43,819	43,314	43,064	41,698
Meadowbrook	Essex	13	7,581	8,270	8,894	8,432	8,736	9,443	9,209
Moffitt Beach	Hamilton	75	51,587	42,619	43,788	45,481	45,313	47,575	43,740
Mongaup Pond	Sullivan	275	44,012	34,861	37,125	38,277	27,278	40,619	38,118
Nicks Lake	Herkimer	200	38,091	35,986	37,713	37,704	39,309	39,770	37,186
Northampton Beach	Fulton	60	128,243	85,636	88,214	92,648	59,650	87,217	82,884
North/South Lake	Greene	128	128,686	105,341	112,302	115,728	100,059	124,191	121,410
Paradox Lake	Essex	6	17,260	15,403	12,833	14,951	13,888	15,216	12,004
Point Comfort	Hamilton	15	9,139	7,941	7,626	8,733	9,249	8,035	7,122
Poke-O-Moonshine	Essex	3	2,914	1,771	3,159	3,030	2,711	2,959	2,293
Poplar Point	Hamilton	15	4,347	7,941	3,202	3,574	3,816	4,265	4,065
Putnam Road	Essex	46	16,006	14,784	17,081	15,273	15,874	14,902	19,303
Rogers Rock	Warren	186	84,797	71,688	71,236	71,356	70,526	71,378	67,360
Rollins Pond	Franklin	95	60,452	57,691	61,636	62,118	61,851	63,161	61,782
Sacandaga	Hamilton	25	23,791	19,412	22,215	22,483	21,811	24,172	23,378
Saranac Lake Islands	Essex	NA	18,749	17,633	17,865	18,919	19,056	21,845	19,466
Sharp Bridge	Essex	10	1,985	3,009	3,124	2,955	2,908	3,467	2,783
Taylor Pond	Clinton	10	5,091	4,131	4,819	5,280	5,869	4,775	3,799
Tioga Point	Fulton	25	2,193	1,208	1,628	2,114	1,747	2,198	2,006
Wilmington Notch	Essex	9	9,773	12,310	12,615	12,090	13,042	14,759	13,588
Wilson Park	Ulster	125	28,123	23,259	17,670	17,021	16,740	18,497	18,158
Woodland Valley	Ulster	15	12,331	12,014	13,186	12,356	12,992	14,445	16,081

NOTE: Not all campsites are included in this table. Detail will not add to total.

SOURCE: New York State Department of Environmental Conservation, Division of Operations.

NA Not available.

TABLE O-2

**Public Use of State-Owned Summer Recreational Facilities¹
Within the Adirondack and Catskill Forest Preserves
New York State — 1975-2008**

Operation Year Ended October 31	Individual Users			Days of Use			Camping Permits Sold
	Total ²	Day-Users Only	Campers	Total ²	Day-Users Only	Camper Use ³	
1975	2,452,315	1,833,652	618,663	4,100,883	1,833,652	2,267,231	154,605
1976	2,156,313	1,556,908	599,405	3,842,936	1,556,908	2,286,028	149,149
1977	2,091,877	1,530,867	561,010	3,557,416	1,530,867	2,026,549	140,867
1978	2,200,576	1,598,611	601,965	3,711,003	1,598,611	2,112,392	152,092
1979	2,371,042	1,831,248	539,794	3,793,084	1,831,248	1,961,836	133,847
1980	1,926,170	1,427,775	498,395	2,715,578	1,427,775	1,287,803	141,291
1981	895,132	429,211	465,921	1,593,926	429,211	1,164,715	133,128
1982	939,036	496,684	442,352	1,602,588	496,684	1,105,904	124,259
1983	946,857	487,331	459,526	1,636,146	487,331	1,148,815	133,187
1984	957,800	513,489	444,311	1,624,267	513,489	1,110,778	126,946
1985	987,583	529,902	457,681	1,674,104	529,902	1,144,202	130,766
1986	946,910	479,949	466,961	1,647,352	479,949	1,167,403	128,356
1987	1,056,696	585,481	471,215	1,763,519	585,481	1,178,038	124,436
1988	1,139,162 ^r	641,354	497,808	1,910,764	641,354	1,269,410 ^r	140,836
1989	1,078,473	596,835	481,638	1,829,828	596,835	1,232,993	136,373
1990	931,499	505,682	425,817	1,570,224	505,682	1,064,542	130,468
1991	943,255	486,771	456,484	1,627,981	486,771	1,141,210	131,251
1992	818,890	392,258	426,632	1,458,838	392,258	1,066,580	127,851
1993	1,560,294	470,674	1,089,620	a	a	a	137,971
1994	1,583,642	415,759	1,167,883	a	a	a	121,156
1995	1,611,443	459,103	1,152,340	a	a	a	139,208
1996	1,524,896	410,335	1,114,561	a	a	a	114,213
1997	1,565,825	424,808	1,141,017	a	a	a	113,055
1998	1,513,931	374,300	1,139,630	a	a	a	113,601
1999	1,486,827	373,107	1,113,720	a	a	a	120,167
2000	1,412,666	313,116	1,099,550	a	a	a	109,683
2001	1,521,527	373,324	1,148,203	a	a	a	123,393
2002	1,423,079	313,988	1,109,091	a	a	a	114,847
2003	1,493,950	387,843	1,106,107	a	a	a	109,710
2004	1,553,203	394,269	1,158,934	a	a	a	109,047
2005	1,593,692	418,155	1,175,537	a	a	a	112,061
2006	1,501,998	373,283	1,128,715	a	a	a	106,669
2007	1,645,625	434,115	1,211,510	a	a	a	114,074
2008	1,566,951	394,260	1,172,691	a	a	a	109,448

r Revised.

a As of 1993, "Days of Use" are included in "Individual Users."

1 Operated by the Bureau of Recreation, New York State Department of Environmental Conservation.

2 After 1980, includes utilization of developed summer recreation areas only.

3 Measured in camper days (which is number of campers times number of days camped).

SOURCE: New York State Department of Environmental Conservation, Division of Operations.

TABLE O-3

**Public and Commercial Camping Facilities by Region
New York State — 2009**

Operator	Places with Vacation Camping		Number of Campsites		Places with Cabins		Number of Cabins (Est.)		Places with Group Camps	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	2,676	100.0%	111,105	100.0%	464	100.0%	3,547	100.0%	773	100.0%
Allegany	161	6.0	8,639	7.8	17	3.7	557	15.7	27	3.5
Capital District	251	9.4	9,555	8.6	45	9.7	113	3.2	55	7.1
Central	348	13.0	15,241	13.7	40	8.6	453	12.8	82	10.6
Finger Lakes	235	8.8	19,902	17.9	22	4.7	185	5.2	67	8.7
Forest Preserve	424	15.8	18,162	16.3	100	21.6	1,532	43.2	103	13.3
Genesee	123	4.6	8,344	7.5	9	1.9	119	3.4	36	4.7
Long Island	129	4.8	1,846	1.7	7	1.5	7	0.2	34	4.4
New York City	—	—	—	—	—	—	—	—	—	—
Niagara	100	3.7	6,583	5.9	10	2.2	66	1.9	31	4.0
Palisades	368	13.8	9,206	8.3	47	10.1	112	3.2	199	25.7
Taconic	140	5.2	2,803	2.5	6	1.3	111	3.1	77	10
Thousand Islands	397	14.8	10,824	9.7	161	34.7	292	8.2	62	8.0

— Represents zero.

SOURCE: New York State Office of Parks, Recreation and Historic Preservation, 2009 Statewide Comprehensive Outdoor Recreation Plan.

TABLE O-4

**Public and Commercial Day Use Facilities by Operator
New York State — 2009**

Operator	Places with Picnic Tables				Places with Tennis Courts		Places with Basketball Courts	
	Number of Facilities		Number of Tables (est.)		Number of Facilities		Number of Facilities	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	4,953	100.0%	103,638	100.0%	1,830	100.0%	1,782	100.0%
State	292	5.9	41,044	39.6	33	1.8	40	2.2
County	188	3.8	21,931	21.2	55	3.0	28	1.6
City/Village	1,238	25.0	10,193	9.8	538	29.4	496	27.8
Town	998	20.1	9,240	8.9	385	21.0	375	21.0
Federal	6	0.1	48	—	1	0.1	—	—
School District	658	13.3	132	0.1	330	18.0	528	29.6
Nonprofit	138	2.8	1,289	1.2	35	1.9	41	2.3
Private	189	3.8	2,476	2.4	142	7.8	41	2.3
Commercial	1,246	25.2	17,285	16.7	311	17.0	233	13.1

— Represents zero.

SOURCE: New York State Office of Parks, Recreation and Historic Preservation, 2009 Statewide Comprehensive Outdoor Recreation Plan.

TABLE O-5

**Public and Commercial Day Use Facilities by State Park Region
New York State — 2009**

State Park Region	Places with Picnic Tables		Number of Picnic Tables(e)		Places with Tennis Courts		Places with Basketball Courts	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	4,953	100.0%	103,638	100.0%	1,830	100.0%	1,782	100.0%
Allegany	179	3.6	2,512	2.4	32	1.7	25	1.4
Capital District	560	11.3	8,889	8.6	197	10.8	247	13.9
Central	838	16.9	13,635	13.2	289	15.8	373	20.9
Finger Lakes	406	8.2	8,576	8.3	73	4.0	116	6.5
Forest Preserve	360	7.3	6,330	6.1	106	5.8	42	2.4
Genesee	232	4.7	8,808	8.5	77	4.2	57	3.2
Long Island	816	16.5	11,558	11.2	385	21.0	434	24.4
New York City	237	4.8	2,201	2.1	123	6.7	24	1.3
Niagara	275	5.6	16,164	15.6	133	7.3	91	5.1
Palisades	353	7.1	9,358	9.0	122	6.7	104	5.8
Taconic	370	7.5	7,912	7.6	199	10.9	169	9.5
Thousand Islands	327	6.6	7,695	7.4	94	5.1	100	5.6

e Estimated.

SOURCE: New York State Office of Parks, Recreation and Historic Preservation, 2009 Statewide Comprehensive Outdoor Recreation Plan.

TABLE O-6

**Public and Commercial Camping Facilities by Operator
New York State — 2009**

Operator	Places with Vacation Camping		Number of Campsites		Places with Cabins		Number of Cabins		Places with Group Camps	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	2,676	100.0%	111,105	100.0%	464	100.0%	3,547	100.0%	773	100.0%
State	180	6.7	15,934	14.3	29	6.3	810	22.8	21	2.7
County	68	2.5	1,853	1.7	4	0.9	39	1.1	14	1.8
City/Village	20	0.7	559	0.5	—	—	—	—	3	0.4
Town	50	1.9	1,466	1.3	1	0.2	1	—	5	0.6
Federal	6	0.2	43	—	—	—	—	—	2	0.3
School District	3	0.1	10	—	15	3.2	—	—	2	0.3
Nonprofit	265	9.9	1,220	1.1	—	—	138	3.9	214	27.7
Private	148	5.5	1,072	1.0	21	4.5	155	4.4	108	14.0
Commercial	1,936	72.3	88,948	80.1	394	84.9	2,404	67.8	404	52.3

— Represents zero or unreported.

SOURCE: New York State Office of Parks, Recreation and Historic Preservation, 2009 Statewide Comprehensive Outdoor Recreation Plan.

TABLE O-7

**Attendance¹ at Selected State-Owned Recreational Facilities²
Within the Adirondack and Catskill Forest Preserves
New York State — 1999-2008**

	1999(r)	2000(r)	2001(r)	2002(r)	2003	2004	2005	2006	2007	2008
Adirondack Forest Preserve										
Lake George Beach	63,125	49,251	NA	66,628	59,169	58,060	65,767	57,781	63,682	54,633
Lake George Battlefield	5,820	5,897	5,435	7,588	4,851	6,052	5,357	5,405	4,962	4,331
Prospect Mountain Highway	70,889	84,486	86,614	75,940	59,892	64,273	54,641	60,078	63,990	63,946
Catskill Forest Preserve										
Ski Center										
Belleayre Mountain	107,211	141,886	136,819	175,384	168,177	171,524	162,126	146,560	178,115a	X
Scaroon Manor	X	X	X	X	X	X	X	X	X	1,124

r Revised.

X Not applicable.

NA Not available.

a As of March 30, 2008; season is not complete.

1 Seasonal only; none of these facilities are open year-round.

2 Under the jurisdiction of the New York State Department of Environmental Conservation. See Tables O-8 and O-9 for facilities under the jurisdiction of the New York State Office of Parks, Recreation and Historic Preservation.

SOURCE: New York State Department of Environmental Conservation, Division of Operations.

TABLE O-8

**Acreeage of and Attendance at State Parks and Historic Sites
New York State by Region
Fiscal Years 2002-03 — 2008-09**

Region	Facilities			Attendance (thousands)						
	State Parks(r)	Historic Sites(r)	Acres(r)	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
New York State ¹	178	35	331,531	55,409	51,779	52,035	54,733	53,665	55,657	54,010
Allegany	4	—	66,253	1,880	1,761	1,804	1,736	1,767	1,981	1,962
Central New York	19	7	15,269	2,840	2,308	2,258	2,398	2,331	2,349	2,267
Finger Lakes	22	2	14,725	2,922	2,563	2,526	2,747	2,653	2,958	2,894
Genesee	6	—	22,557	1,183	1,084	1,073	1,178	1,130	1,234	1,185
Long Island	30	1	26,961	19,180	18,327	17,897	19,013	19,170	19,798	18,861
New York City	7	—	937	3,320	2,927	3,005	3,674	3,603	4,503	5,044
Niagara Frontier	17	2	6,607	10,071	9,623	9,893	10,019	9,916	10,292	10,080
Palisades	19	6	107,578	7,173	6,408	6,498	6,810	5,373	4,411	4,013
Saratoga/Capital District	13	10	15,063	2,394	2,231	2,168	2,264	3,042	3,300	2,909
Taconic	12	6	38,772	2,645	2,947	3,285	3,256	3,097	3,113	3,163
Thousand Islands	29	1	16,809	1,801	1,600	1,628	1,638	1,583	1,718	1,632

r Revised.

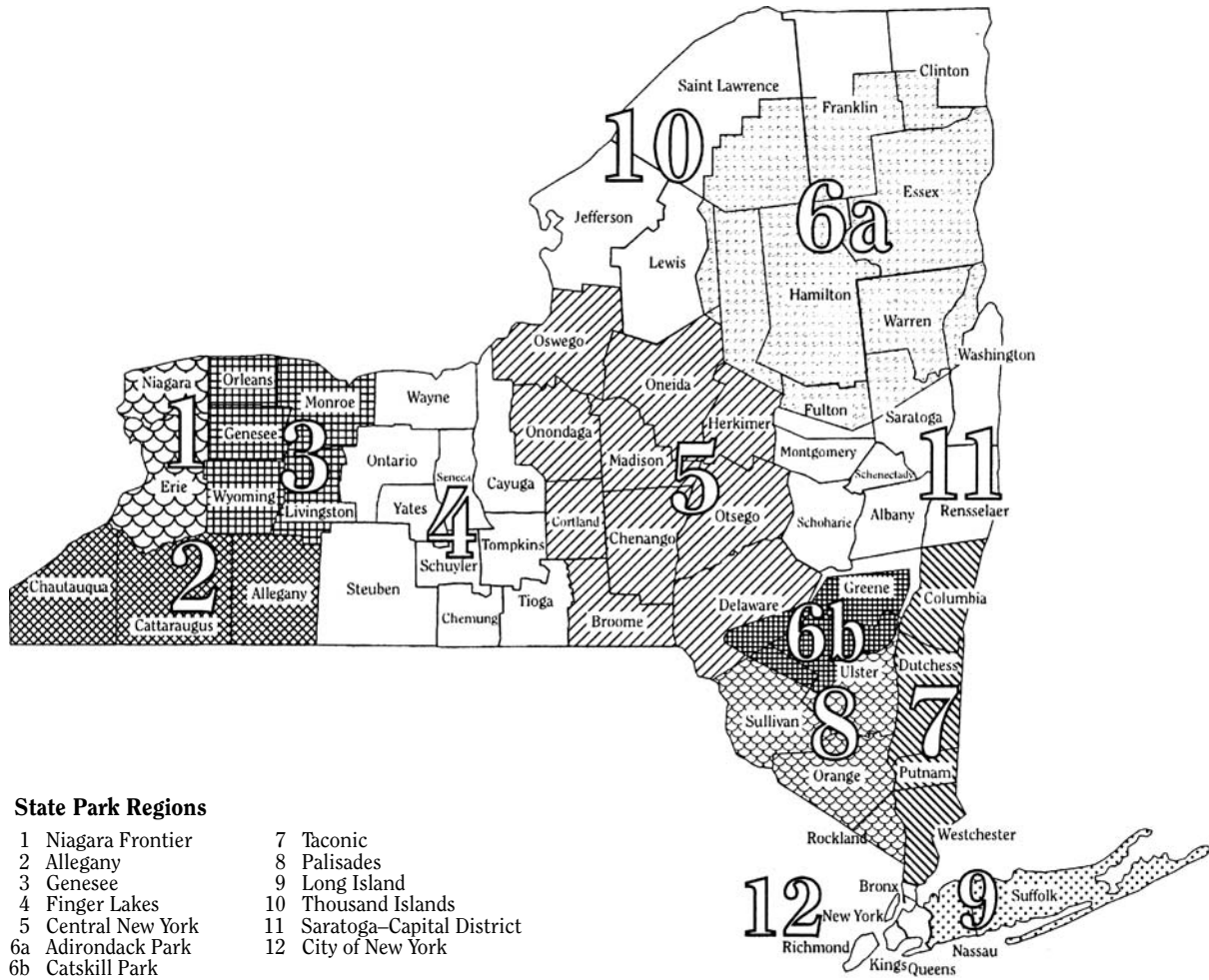
— Represents zero.

1 Not including Adirondack and Catskill Forest Preserves.

SOURCE: New York State Office of Parks, Recreation and Historic Preservation.

Figure O-1

New York State Park Regions — 2009



SOURCE: New York State Office of Parks, Recreation and Historic Preservation.

TABLE O-9

**Acreage of and Attendance at Facilities Operated
by the Office of Parks, Recreation and Historic Preservation
Fiscal Years 2002-03 — 2008-09**

Facility	County	Acres	Attendance (thousands)						
			2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
A.E. Smith/Sunken Meadow	Suffolk	1,288	1,652	1,283	1,703	2,144	2,054	2,586	1,610
Allan H. Treman	Tompkins	91	132	142	133	170	175	154	172
Allegany	Cattaraugus	64,800	1,463	1,422	1,487	1,455	1,476	1,575	1,554
Amherst	Erie	77	—	—	—	—	—	—	—
Amsterdam Beach	Suffolk	122	—	—	—	—	—	—	—
Appalachian Trail	Putnam	642	—	—	—	—	3	3	2
Athens Boat Launch	Greene	3	—	—	—	—	25	42	42
Battle Island	Oswego	235	40	43	39	39	34	31	31
Bay Parkway	Nassau	—	—	—	—	—	—	—	—
Bayard Cutting Arboretum	Suffolk	690	118	111	122	126	134	150	150
Bayswater Point	Queens	16	19	13	9	3	4	4	3
Bear Mountain/Iona	Orange/Rockland	5,067	1,016	1,068	1,270	1,163	1,083	1,028	922
Beaver Island	Erie	952	204	235	273	315	327	324	288
Beechwood	Wayne	172	—	15	12	10	10	9	12
Belmont Lake	Suffolk	463	338	292	307	407	385	380	385
Bennington Battlefield (NHL ¹ /NR ²)	Rensselaer	417	19	19	19	19	16	18	19
Bethpage	Suffolk/Nassau	1,477	779	856	915	839	813	860	827
Bethpage Parkway	Nassau	—	—	—	—	—	—	—	—
Betty and Wilbur Davis	Otsego	199	—	—	—	17	32	20	15
Big Six Mile Creek Marina	Erie	19	37	57	29	42	50	44	50
Black Diamond Trail	Tompkins	160	a	a	a	a	a	a	a
Black Lake Boat Launch	St. Lawrence	3	24	8	26	18	19	12	7
Black River Recreationway	Jefferson	61	b	b	18	35	53	63	63
Blauvelt	Rockland	632	—	—	—	16	22	27	28
Bonavista	Seneca	251	19	14	14	17	14	16	16
Bowman Lake	Chenango	653	52	40	40	45	44	45	55
Braddock Bay	Monroe	387	—	—	—	32	29	23	38
Brentwood	Suffolk	52	—	5	106	111	96	99	83
Bristol Beach	Ulster	187	22	20	20	20	13	21	78
Brookhaven	Suffolk/Nassau	1,638	—	1	4	5	6	4	5
Buckhorn Island	Erie	895	17	26	32	32	33	29	29
Buffalo Harbor SP and Marina	Erie	208	—	—	—	—	—	—	—
Burnham Point	Jefferson	12	9	9	14	14	12	11	12
Buttermilk Falls	Tompkins	803	148	161	149	159	158	157	169
Caleb Smith	Suffolk	548	34	31	34	32	26	28	32
Camp Hero	Suffolk	754	118	128	136	133	154	174	177
Canadarago Marine Park	Otsego	4	32	30	28	35	40	24	20
Canal Park — Lock 32	Monroe	9	—	—	—	—	—	—	—
Canandaigua Lake Marine Park	Ontario	15	64	50	39	44	45	50	46
Canoe Picnic Point	Jefferson	70	11	9	14	8	7	7	9
Captree	Suffolk	340	1,847	1,974	1,453	1,321	1,262	1,264	1,169
Catharine Valley Trail	Chemung/Schuyler	217	a	a	a	a	a	a	a
Caumsett (NR ²)	Suffolk	1,520	254	336	318	239	290	366	333
Cayuga Lake	Seneca	141	168	143	151	133	123	170	155
Cedar Island	St. Lawrence	10	3	3	3	2	2	2	2
Cedar Point	Jefferson	48	59	57	54	68	69	73	65
Chaumont Boat Launch	Jefferson	28	21	19	20	26	31	32	35
Chenango Valley	Broome	1,137	236	227	213	216	261	183	177
Cherry Plain	Rensselaer	175	25	19	17	27	17	26	29
Chimney Bluffs	Wayne	597	43	38	36	60	61	83	75
Chittenango Falls	Madison	193	51	48	51	43	41	42	41
Clarence Fahnestock	Putnam	16,311	172	157	175	202	193	211	207
Clark Reservation	Onondaga	377	50	53	51	51	41	35	31
Clay Pit Ponds	Richmond	265	45	33	45	42	55	55	57
Clermont (NHL ¹ /NR ²)	Columbia/Dutchess	589	95	81	73	92	103	88	101
Clinton House (NR ²)	Dutchess	1	1	2	2	2	2	2	2
Cold Spring Harbor	Suffolk	45	—	2	58	62	104	151	146
Coles Creek	St. Lawrence	1,800	130	119	115	93	112	124	123
Conesus Lake Boat Launch	Livingston	3	20	19	18	20	22	24	21
Connetquot River	Suffolk	3,473	232	276	268	262	243	248	230
Coxsackie Boat Launch	Greene	4	—	—	—	—	67	129	99
Crab Island	Clinton	40	—	—	—	—	—	—	—
Craigo (NHL ¹ /NR ²)	Rensselaer	1	9	8	7	6	6	6	5
Croil Island	St. Lawrence	796	—	—	—	—	—	—	—
Crown Point (NHL ¹ /NR ²)	Essex	380	57	48	47	38	16	15	14
Cuba Lake Reservation	Allegeny/Cattaraugus	696	—	—	—	—	—	—	—
Cumberland Bay	Clinton	350	58	54	51	51	44	56	55
Darien Lakes	Genesee	1,845	66	58	55	61	59	60	54
Darwin Martin House (NHL ¹ /NR ²)	Erie	—	—	—	—	—	—	—	—
Deans Cove Boat Launch	Seneca	10	22	17	21	16	12	28	21

(Continued on the following page)

TABLE O-9 (continued)

**Acreage of and Attendance at Facilities Operated
by the Office of Parks, Recreation and Historic Preservation
Fiscal Years 2002-03 — 2008-09**

Facility	County	Acres	Attendance (thousands)						
			2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Delta Lake	Oneida	400	138	117	117	152	158	176	180
DeVeaux Wood	Niagara	51	4	28	27	29	27	29	27
Devil's Hole	Niagara	42	179	162	145	154	143	143	130
DeWolf Point	Jefferson	13	9	9	8	7	6	8	9
Donald J. Trump	Putnam/Westchester	435	—	—	—	—	—	—	—
Durand Eastman Right-of-Way	Monroe	19	—	—	—	38	17	14	24
Earl W. Brydges Artpark	Niagara	108	90	89	104	111	124	150	164
East River	Kings	10	—	—	—	—	—	162	172
Eel Weir	St. Lawrence	16	7	5	6	12	13	9	5
Empire-Fulton Ferry	Kings	9	44	119	212	233	143	413	446
Evangola	Erie	733	109	98	92	105	111	97	94
Fair Haven Beach	Cayuga	1,122	309	265	254	284	289	268	257
Fillmore Glen	Cayuga	941	99	100	104	104	101	93	100
Fort Montgomery (NHL ¹ /NR ²)	Rockland	150c	—	4	5	6	7	12	15
Fort Niagara	Niagara	504	657	467	379	342	270	281	244
Fort Ontario (NR ²)	Oswego	36	114	121	139	166	112	104	105
Four Mile Creek Campsite	Niagara	248	59	48	44	50	53	92	76
Franklin D. Roosevelt	Westchester	960	531	494	521	486	455	431	459
Frenchman Island	Oswego	—	—	—	—	—	—	—	—
Galop Island	St. Lawrence	675	—	—	—	—	—	—	—
Ganondagan (NHL ¹ /NR ²)	Ontario	535	29	27	30	28	30	37	38
Gantry Plaza	Queens	3	92	125	108	97	107	199	200
Genesee River	Monroe	38	—	—	—	1	—	—	—
Genesee Valley Greenway	Monroe	244	—	—	—	9	14	10	32
Gilbert Lake	Otsego	1,584	106	92	85	89	79	90	88
Green Lakes	Onondaga	1,955	1,144	791	823	816	787	850	857
Guy Park (NR ²)	Montgomery	1	—	—	—	—	—	—	—
Hamlin Beach	Monroe	1,287	322	262	241	261	246	283	246
Harlem Valley Rail Trail	Columbia/Dutchess	323	—	—	—	—	—	—	—
Harriet Holister Spencer	Ontario	773	27	18	6	8	12	8	6
Harriman: Anthony Wayne	Orange/Rockland	46,613	1,332	1,276	1,379	1,360	1,290	479	452
Beaver Pond	Orange/Rockland	—	49	67	75	70	62	73	67
Group Camp	Orange/Rockland	—	426	314	343	254	166	149	108
Hiker Lake	Orange/Rockland	—	33	25	28	29	31	33	31
Lake Tiorati	Orange/Rockland	—	530	230	266	266	265	214	250
Lake Welch	Orange/Rockland	—	217	161	207	284	271	255	279
Sebago Lake	Orange/Rockland	—	158	98	93	134	217	219	264
Hart's Brook Nature	Westchester	123	—	—	—	—	—	—	—
Haverstraw Beach	Rockland	73	—	—	—	52	22	17	17
Heckscher	Suffolk	1,657	1,046	792	819	771	758	836	1,077
Heckscher State Parkway	Suffolk	—	—	—	—	—	—	—	—
Helen L. McNitt	Madison	134	—	—	—	—	—	—	—
Hempstead Lake	Nassau	737	371	287	309	325	316	328	317
Herkimer Home (NR ²)	Herkimer	155	26	27	26	28	25	24	26
High Tor	Rockland	650	37	36	40	48	48	45	46
Highland Lakes	Orange	3,116	—	—	—	2	1	1	1
Higley Flow	St. Lawrence	1,115	36	30	29	32	36	38	39
Hither Hills	Suffolk	1,755	380	356	353	358	348	352	353
Hithe Woods	Suffolk	557	—	—	—	—	—	—	—
Honeoye Lake Marine Park	Ontario	9	27	27	31	29	31	32	26
Hook Mountain	Rockland	676	—	—	—	76	38	28	27
Hudson Boat Launch	Columbia	3	—	—	—	—	—	—	—
Hudson Highlands	Dutchess/Putnam	6,254	82	82	143	169	173	171	156
Hudson-Mohawk Trail	Herkimer	—	—	—	—	—	—	—	—
Hudson River Islands	Columbia/Greene	235	b	b	b	b	6	10	9
Hudson River Park	Kings	550	—	—	—	—	—	—	—
Hunt's Pond	Chenango	235	15	12	6	7	4	6	8
Hyde Hall (NHL ¹ /NR ²)	Otsego	12	—	—	—	—	—	—	—
Indian Hill Golf Course	Steuben	195	—	—	—	—	—	33	42
Iona Island	Rockland	—	—	—	—	—	—	—	—
Irondequoit Bay	Monroe	36	—	—	—	39	24	21	38
Issac Property (Irondequoit)	Monroe	36	—	—	—	—	—	—	—
Jacques Cartier	St. Lawrence	461	34	28	30	33	30	23	22
James Baird	Dutchess	590	410	353	441	323	194	129	158
James Port	Suffolk	530	—	—	—	—	—	—	—
John Boyd Thacher	Albany	2,148	222	292	297	276	258	290	242
John Brown Farm (NR ²)	Essex	270	72	78	71	91	88	71	62
John Burroughs Memorial (NR ²)	Delaware	3	—	—	—	—	1	2	2
John Jay Homestead (NHL ¹ /NR ²)	Westchester	64	64	67	59	50	34	36	27
Johnson Hall (NHL ¹ /NR ²)	Fulton	19	71	62	65	56	63	57	62

(Continued on the following page)

TABLE O-9 (continued)

**Acreage of and Attendance at Facilities Operated
by the Office of Parks, Recreation and Historic Preservation
Fiscal Years 2002-03 — 2008-09**

Facility	County	Acres	Attendance (thousands)						
			2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Jones Beach	Nassau	2,413	6,209	5,931	5,469	6,269	6,455	6,043	6,215
Joseph Davis	Niagara	388	31	28	23	23	26	24	24
Keewaydin	Jefferson	241	70	61	60	61	53	50	53
Keuka Lake	Yates	621	118	110	84	86	85	98	86
Knox Farm	Erie	633	24	39	54	51	47	92	86
Knox Headquarters (NHL ¹ /NR ²)	Orange	48	13	16	15	20	23	22	25
Kring Point	Jefferson	61	57	54	54	55	52	47	52
Lake Erie	Chautauqua	355	163	156	148	127	130	120	117
Lake Ontario Parkway	Monroe/Orleans	2,624	—	—	—	—	—	—	—
Lake Lauderdale	Washington	117	—	—	—	—	—	—	—
Lake Superior	Sullivan	1,409	—	—	—	19	17	17	18
Lake Taghkanic	Columbia	1,569	199	157	146	173	159	177	176
Lakeside Beach	Orleans	744	85	81	76	71	63	71	75
Lehigh Valley Trail	Madison	—	—	—	—	—	—	—	—
Lennox Forest Demonstration	Delaware	172	—	—	—	—	—	—	—
Letchworth	Livingston/Wyoming	14,428	639	625	643	605	616	686	626
Lodi Point State Marine	Seneca	12	21	17	21	26	19	19	22
Long Mountain Parkway	Orange	—	—	—	—	—	—	—	—
Long Point	Jefferson	23	24	24	24	22	26	26	27
Long Point (Cayuga Lake)	Cayuga	270	27	24	23	35	27	30	28
Long Point (on Lake Chautauqua)	Chautauqua	360	254	183	169	155	144	140	138
Loop Parkway	Nassau	—	—	—	—	—	—	—	—
Lorenzo (NR ²)	Madison	33	63	52	44	44	48	42	40
Macomb Reservation	Clinton	600	30	31	31	39	30	39	29
Margaret Lewis Norrie	Dutchess	346	291	236	252	266	245	246	237
Mark Twain	Chemung	469	52	57	67	41	33	34	33
Mary Island	Jefferson	13	3	3	4	3	3	5	5
Max V. Shaul	Schoharie	70	6	6	7	5	4	4	6
Meadowbrook Parkway	Nassau	—	—	—	—	—	—	—	—
Mexico Point	Oswego	122	—	—	—	—	—	—	—
Mexico Point Marine Park	Oswego	20	50	31	29	23	25	30	28
Midway	Chautauqua	43	—	—	—	—	17	146	154
Mine Kill	Schoharie	500	46	41	39	44	45	49	40
Minnewaska	Ulster	20,104	366	338	335	332	165	210	238
Mohawk River	Schenectady	—	—	—	—	—	—	—	—
Montauk Downs	Suffolk	171	215	211	221	214	216	235	203
Montauk Parkway	Suffolk	—	—	—	—	—	—	—	—
Montauk Point	Suffolk	862	901	906	890	900	871	904	875
Moreau Lake	Saratoga	4,184	287	277	276	333	286	355	365
Napeague	Suffolk	1,364	191	196	184	175	191	202	187
New Windsor Cantonment (NR ²)	Orange	120	19	17	17	15	22	20	17
Newtown Battlefield (NHL ¹ /NR ²)	Chemung	372	d	d	1	20	22	28	38
Niagara Falls	Niagara	435	7,585	7,393	7,775	7,757	7,752	7,931	7,938
Niagara Gorge Trail	Niagara	—	—	—	—	—	—	—	—
Nissequoque River	Suffolk	159	53	37	28	35	48	93	93
Northern State Parkway	Nassau/Suffolk	—	—	—	—	—	—	—	—
Nyack Beach	Rockland	61	287	287	221	285	158	161	118
Oak Orchard Marine Park	Orleans	81	13	12	11	10	10	11	8
Ogden & Ruth Livingston Mills	Dutchess	350	f	f	f	f	f	f	f
Ocean Parkway	Nassau/Suffolk	—	—	—	—	—	—	—	—
Olana (NHL ¹ /NR ²)	Columbia	763	95	110	107	104	93	104	166
Old Croton Aqueduct (NR ²)	Westchester	216	198	706	829	839	883	967	925
Old Erie Canal	Madison/Oneida/Onondaga	1,065	99	110	96	97	109	124	76
Old Fort Niagara (NHL ¹ /NR ²)	Niagara	25	—	—	—	—	—	—	—
Oquaga Creek	Broome/Delaware/Chemung	1,280	48	35	30	33	31	37	42
Orient Beach	Suffolk	364	88	79	78	79	73	90	109
Oriskany Battlefield (NHL ¹ /NR ²)	Oneida	77	14	16	13	19	24	15	6
Palisades	Rockland	20	—	—	—	5	5	4	5
Palisades Interstate	Rockland	1,839	—	—	—	—	—	—	—
Parrot Hall (NR ²)	Ontario	1	—	—	—	—	—	—	—
Peebles Island	Saratoga	190	95	68	57	78	74	81	89
Perkins Memorial Parkway	Rockland/Orange	—	—	—	—	—	—	—	—
Peter Jay	Westchester	22	—	—	—	—	—	—	—
Philipse Manor Hall (NHL ¹ /NR ²)	Westchester	2	28	23	25	25	24	23	23
Pinnacle State Golf Course	Steuben	715	30	30	31	34	28	28	26
Pixley Falls	Oneida	375	37	38	34	28	16	12	20
Planting Fields Arboretum (NR ²)	Nassau	409	148	151	167	175	163	184	183
Ploch Property	Suffolk	12	—	—	—	—	—	—	—
Point Au Roche	Clinton	856	117	85	89	90	69	65	57
Point Au Roche Boat Launch	Clinton	9	17	10	15	14	12	8	7

(Continued on the following page)

TABLE O-9 (continued)

**Acreage of and Attendance at Facilities Operated
by the Office of Parks, Recreation and Historic Preservation
Fiscal Years 2002-03 — 2008-09**

Facility	County	Acres	Attendance (thousands)						
			2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Quiet Cove Riverfront Park	Dutchess	32	—	—	—	—	—	—	—
Rattlesnake Point Reservoir	Monroe	38	—	—	—	—	—	—	2
Rexford Aqueduct	Niagara	132	98	85	84	88	81	85	76
Riverbank	Saratoga	1	—	—	—	—	—	—	—
Robert H. Treman	New York	28	1,750	1,715	1,874	2,006	1,997	2,427	2,992
Robert Moses	Tompkins	1,076	175	160	149	169	154	177	207
Robert Moses	Suffolk	875	3,646	3,545	3,325	3,482	3,428	3,469	3,328
Robert Moses Parkway	St. Lawrence	2,322	288	259	249	234	232	234	239
Robert Moses Parkway & Causeway	Niagara	—	—	—	—	—	—	—	—
	Suffolk	—	—	—	—	—	—	—	—
Robert V. Ridell	Otsego	1,343	—	—	—	—	—	—	—
Robert G. Wehle	Jefferson	1,067	—	—	19	20	28	27	33
Roberto Clemente	Bronx	22	1,370	922	757	1,357	1,296	1,242	1,170
Rock Island Light House	Jefferson	4	4	3	4	4	3	4	3
Rockefeller Park Preserve	Westchester	1,419	249	265	277	280	295	322	310
Rockland Lake	Rockland	1,133	2,233	1,982	1,736	1,854	951	834	453
Sackets Harbor (NR ² /UCP ³)	Jefferson	72	107	97	101	91	91	105	89
Sag Harbour	Suffolk	341	34	31	34	34	34	37	36
Sagtikos Parkway	Suffolk	—	—	—	—	—	—	—	—
Sampson	Seneca	1,905	185	191	182	188	172	184	183
Sandy Island Beach	Oswego	14	—	—	15	32	26	28	29
Saratoga Lake Boat Launch	Saratoga	3	65	66	64	78	100	110	71
Saratoga Spa	Saratoga	2,379	1,071	947	873	882	1,628	1,703	1,417
Schodack Island	Rensselaer/Greene/Columbia	1,052	30	30	32	35	51	56	43
Schoharie Crossing (NHL ¹ /NR ²)	Montgomery	240	82	63	85	77	64	42	46
Schunemunk Mountain	Orange	2,610	—	—	8	21	26	26	29
Schuyler Mansion (NHL ¹ /NR ²)	Albany	3	5	6	4	4	6	5	5
Selkirk Shores	Oswego	980	227	167	149	154	159	180	159
Senate House (NR ²)	Ulster	3	22	15	15	14	12	25	20
Seneca Lake	Ontario/Seneca	141	245	183	187	194	111	131	173
Shadmoor	Suffolk	101	—	—	120	106	116	121	111
Silver Lake	Wyoming	776	38	27	29	30	29	29	20
Sonnenberg Garden	Ontario	50	—	—	—	—	—	—	—
South Beach	Richmond	26	—	—	—	—	—	—	—
South Parkway	Erie	—	—	—	—	—	—	—	—
Southern State Parkway	Nassau/Suffolk	—	—	—	—	—	—	—	—
Southwick Beach	Jefferson	464	99	86	85	97	91	89	86
Staatsburgh	Dutchess	1	29	16	21	19	24	22	19
State Park at the Fair	Onondaga	1	—	—	—	—	—	—	—
St. Lawrence	St. Lawrence	318	14	27	32	31	15	16	12
Sterling Conservation Easement	Cayuga	250	—	—	—	—	—	—	—
Sterling Forest	Orange	18,915	66	75	81	117	133	150	167
Stony Brook	Steuben	568	138	98	95	101	113	130	116
Stony Creek Boat Launch	Jefferson	23	14	14	17	23	23	23	23
Stony Point Battlefield (NHL ¹ /NR ²)	Rockland	87	30	23	25	28	28	27	28
Storm King	Orange	1,884	—	—	—	3	3	3	2
Strawberry Island	Erie	5	—	—	—	—	—	—	—
Sunken Meadow Parkway	Suffolk	—	—	—	—	—	—	—	—
Susan B. Anthony	Washington	1	—	—	—	—	—	—	—
Taconic: Copake Falls	Columbia	1,709	154	161	172	189	187	149	156
Rudd Pond	Dutchess	2,279	47	37	17	19	17	17	17
Tallman Mountain	Rockland	687	296	334	301	296	271	285	270
Taughannock Falls	Tompkins	746	419	313	316	400	447	509	406
Taxter Ridge Park Reserve	Westchester	180	—	—	—	—	—	—	—
Thompson's Lake	Albany	308	48	50	48	48	51	55	59
Trail View	Nassau/Suffolk	454	—	5	40	47	88	110	99
Two River	Tioga	573	—	—	—	—	—	—	—
Valley Stream	Nassau	97	163	156	163	169	169	175	222
Verona Beach	Oneida	1,735	195	174	149	161	139	155	143
Von Steuben Memorial	Oneida	64	2	3	2	6	5	4	1
Walt Whitman Birthplace (NR ²)	Suffolk	1	15	14	16	17	17	19	15
Wantagh Parkway	Nassau	—	—	—	—	—	—	—	—
Washington County Trail	Washington	—	—	—	—	—	—	—	—
Washington Headquarters (NHL ¹ /NR ²)	Orange	7	21	22	18	20	19	20	24
Waterson Point	Jefferson	6	1	1	1	1	1	1	1
Watkins Glen	Schuyler	776	425	363	390	392	381	447	430
Wellesley Island	Jefferson	2,636	196	205	196	174	183	216	208
West River Parkway	Erie	—	—	—	—	—	—	—	—
Westcott Beach	Jefferson	319	128	108	102	120	112	115	110
Wetterhahn-Warneck	Jefferson	11	—	—	—	—	—	—	—

(Continued on the following page)

TABLE O-9 (continued)

**Acreage of and Attendance at Facilities Operated
by the Office of Parks, Recreation and Historic Preservation
Fiscal Years 2002-03 — 2008-09**

Facility	County	Acres	Attendance (thousands)						
			2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
Whetstone Gulf	Lewis	2,100	145	109	83	81	56	125	93
Whirlpool	Niagara	109	328	298	263	270	252	245	221
Wildwood	Suffolk	767	346	330	256	281	313	290	280
Wilson Hill Boat Launch	St. Lawrence	4	16	15	14	13	12	10	10
Wilson-Tuscarora	Niagara	425	205	192	183	232	222	217	195
Wonder Lake	Putnam	813	—	—	—	—	—	—	—
Woodlawn Beach	Erie	107	220	151	149	167	139	214	121

— Represents zero or not reported.

a Under development.

b Undeveloped.

c Acres are included in Bear Mountain.

d Under management of Chemung County.

f Attendance figures are included with Margaret Lewis Norrie.

1 National Historic Landmark.

2 National Register.

3 Urban Cultural Park.

SOURCE: New York State Department of Parks, Recreation and Historic Preservation.

TABLE O-10

**Attendance at State Parks and Historic Sites¹ by Type of Activity
New York State — Fiscal Years 2002-03 — 2008-09**

Type of Activity	Attendance (thousands)						
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09
All Activities	55,409	51,779	52,035	54,733	53,665	55,657	54,010
Parking	33,599	31,253	30,786	32,197	30,369	31,395	29,954
Campsites	2,609	2,336	2,347	2,265	2,150	2,341	2,323
General Admission	6,512	6,592	7,049	7,770	7,388	6,166	6,738
Golf	898	854	897	861	817	848	816
Cabins	454	449	436	445	450	476	486
Other ²	11,337	10,295	10,520	11,195	12,491	14,431	13,693

1 Not including Adirondack and Catskill Forest Preserves.

2 Includes walk-ins, bicycles, etc. Totals are estimated.

SOURCE: New York State Office of Parks, Recreation and Historic Preservation.

TABLE O-11

**Tour Participants at the State Capitol, Executive Mansion, and the Corning Tower
Fiscal Years 2002-03 — 2008-09**

Type of Tour	Participants						
	2002-03	2003-04	2004-05	2005-06	2006-07	2007-08(r)	2008-09
New York State Capitol	39,497	33,532	39,450	38,279	39,772	41,291	39,690
Executive Mansion	2,623	2,315	2,486	2,754	2,342	3,023	3,081
Observation Deck of Corning Tower	33,104	21,246	24,092	23,699	24,176	28,340	25,873

r Revised.

SOURCE: New York State Office of General Services, Visitor Services Office.

TABLE O-12

**State-Owned Lands Under Jurisdiction of the Department of Environmental Conservation
New York State — Selected Years 1950-2007**

Year	Acres ¹	Year	Acres ¹	Year	Acres ¹
1950	3,051,940	1980	3,657,015	1995	3,988,905
1955	3,101,897	1981	3,665,906	1996	3,992,657
1960	3,186,887	1982	3,679,989	1997	3,997,889
1965	3,478,435	1983	3,685,738	1998	4,010,750
1970	3,533,524	1984	3,693,473	1999	4,192,360
1976	3,549,731	1985	3,715,209	2000	4,198,082
1977	3,550,968	1986	3,752,894	2001	4,213,613
1978	3,567,944	1987	3,760,944	2002	4,227,218
1979	3,597,349	1988	3,789,786	2003	4,233,690
		1989	NA	2004	4,241,406
		1990	NA	2005	4,334,517
		1991	3,924,422	2006	4,373,416
		1992	3,955,758	2007	4,641,024
		1993	3,965,185		
		1994	3,970,329		

NA Not available.

SOURCE: New York State Department of Environmental Conservation, Division of Lands and Forests.

1 In addition to Forest Preserves, acreage includes several nonforest preserve classifications, some of which are cited in the 1972 and 1986 Environmental Quality Bond Acts. Also includes lands encumbered by conservation easement.

TABLE O-13

**Cooperative Forest Management¹
New York State — Fiscal Years 1980-81 — 2007-08**

Fiscal Year	Forest Owners Served	Forest Products Marked (acres)	Forest Improvement ² (acres)	Forest Management Plans ³ (acres)
1980-81	5,247	9,780	17,039	164,945
1981-82	3,713	6,575	6,555	165,139
1982-83	4,039	10,202	6,899	128,898
1983-84	3,735	8,060	3,212	141,681
1984-85	3,668	7,590	3,395	138,190
1985-86	4,099	6,606	3,412	138,202
1986-87	2,283	6,643	2,506	146,535
1987-88	3,214	6,552	3,841	138,830
1988-89	2,832	6,977	2,610	137,013
1989-90	2,792	5,002	3,295	106,594
1990-91	2,726	4,608	2,284	97,673
1991-92	2,968	4,072	2,924	109,269
1992-93	2,885	2,991	5,373	138,661
1993-94	2,831	13,076	6,373	163,454
1994-95	3,336	15,294	5,012	246,013
1995-96	2,810	37,178	4,302	202,343
1996-97	3,560	32,352	16,187	143,710
1997-98	3,248	1,576	3,931	122,040
1998-99	2,419	17,581	5,000	143,658
1999-2000	2,871	23,776	5,225	141,559
2000-01	2,477	26,804	2,904	122,575
2001-02	1,859	22,574	4,055	160,354
2002-03	1,701	35,374	4,047	194,931
2003-04	2,729	23,478	5,685	125,842
2004-05	2,270	24,634	9,922	207,195
2005-06	2,374	27,229	6,760	210,049
2006-07	2,268	21,670	11,637	184,302
2007-08	2,419	12,131	16,851	204,546

1 Forestry services to private owners of forest lands who sign agreements with the Department of Environmental Conservation to follow New York State forest management standards.

2 Includes advice on tree pruning and/or cutting of immature trees to improve the overall quality of a forest.

3 Includes plans for planting, maintaining, and harvesting forests.

SOURCE: New York State Department of Environmental Conservation, Division of Lands and Forests.

TABLE O-14

**Primary Use Impairment and Severity of Water Quality Problem for Each Waterbody Type
New York State — 2008**

Use Impairment	Total ¹	Not Fully Supporting	Full Support, Minor Impacts	Impacts Need Verification	No Known Impact or Unassessed for Specified Use
--- Rivers and Streams --- (miles)					
Total Miles in New York	87,252	X	X	X	X
Water Supply	7,729	389	888	371	6,081
Shellfishing	X	X	X	X	X
Public Bathing	15,438	638	812	174	13,814
Fish Consumption	87,252	1,146	1,145	313	84,648
Aquatic Life	87,252	3,207	12,735	4,460	66,850
Recreation	87,252	2,294	7,478	2,219	75,261
Aesthetics	87,252	56	3,277	697	83,222
Hydrology/Habitat	87,252	718	5,326	2,077	79,131
--- Lakes and Reservoirs --- (acres)					
Total Acres in New York	687,958	X	X	X	X
Water Supply	402,696	19,726	202,527	1,182	179,261
Shellfishing	X	X	X	X	X
Public Bathing	582,495	27,299	184,259	2,056	368,881
Fish Consumption	687,958	224,269	5,996	2,415	455,278
Aquatic Life	687,958	15,747	99,727	8,542	563,942
Recreation	687,958	87,237	205,306	10,604	384,811
Aesthetics	687,958	92	156,228	1,041	530,597
Hydrology/Habitat	687,958	16,189	67,935	2,711	601,123
--- Estuary Waters --- (square miles)					
Total Square Miles in New York	1,538	X	X	X	X
Water Supply	X	X	X	X	X
Shellfishing	1,312	168.1	199.1	—	944.8
Public Bathing	1,467	58.9	309.0	—	1,099.1
Fish Consumption	1,538	577.2	747.4	—	213.4
Aquatic Life	1,538	125.1	552.7	0.1	860.1
Recreation	1,538	26.6	461.5	0.1	1,049.8
Aesthetics	1,538	—	152.8	—	1,385.2
--- Great Lakes Shoreline --- (shore miles)					
Total Shore Miles in New York	592	X	X	X	X
Water Supply	535	—	11.3	—	523.7
Shellfishing	X	X	X	X	X
Public Bathing	555	10.5	10.0	—	534.5
Fish Consumption	592	592.0	—	—	—
Aquatic Life	592	—	71.5	—	520.5
Recreation	592	10.5	143.7	—	437.8
Aesthetics	592	—	36.4	—	555.6
Hydrology/Habitat	592	—	219.5	—	372.5
--- Atlantic Ocean Coastal --- (shore miles)					
Total Shore Miles in New York	—	X	X	X	X
Water Supply	X	X	X	X	X
Shellfishing	120.0	—	—	—	120.0
Public Bathing	120.0	—	—	—	120.0
Fish Consumption	120.0	—	—	—	120.0
Aquatic Life	120.0	—	—	—	120.0
Recreation	120.0	—	—	—	120.0
Aesthetics	120.0	—	—	—	120.0

NOTE: Columns cannot be totaled. A waterbody segment may have more than one designated use; totaling these numbers may count the same segment more than once.

— Represents zero.

X Not applicable.

1 The waters of the State are assigned a class of A, B, C, or D, based on the designated best uses of the waterbody. These numbers reflect the

miles/acres of rivers, lakes, etc., that are classified with a designated best use, either water supply, aquatic life, fish consumption, etc. They do not represent the miles/acres that have been monitored and/or sampled.

SOURCE: New York State Department of Environmental Conservation, Division of Water, 2006 CWA Section 305(b) State Water Quality Report.

TABLE O-15

**Seedlings Distributed from the State-Owned Saratoga Nursery
New York State — 1975-2008
(thousands except receipts)**

Year	Total	Tree Seedlings		Shrub Seedlings	Receipts
		To State Land	To Non-State Land		
1975	8,527	225	7,945	357	\$ 184,043
1976	8,067	113	7,347	607	222,649
1977	6,215	103	5,385	727	202,152
1978	7,108	75	6,340	693	226,252
1979	7,247	240	6,340	667	259,305
1980	8,349	136	7,694	519	377,550
1981	6,670	109	6,159	402	307,481
1982	5,147	71	4,502	574	334,870
1983	6,327	281	5,888	158	508,051
1984	6,495	254	5,967	274	516,000
1985	5,121	190	4,581	350	544,564
1986	6,318	233	5,826	259	549,873
1987	6,724	253	6,192	279	508,885
1988	5,930	194	5,379	357	550,668
1989	5,711	213	5,274	224	555,574
1990	4,902	483	4,016	403	543,443
1991	3,815	182	3,329	304	386,309
1992	3,802	468	2,921	413	413,619
1993	3,115	388	2,380	347	339,534
1994	2,835	350	2,245	240	335,041
1995	2,250	236	1,696	318	318,190
1996	1,467	171	1,048	248	278,102
1997	1,334	252	866	216	267,512
1998	1,228	152	888	188	275,036
1999	1,087	358	563	166	215,081
2000	1,339	271	934	134	360,259
2001	1,192	227	805	160	279,347
2002	1,338	177	961	200	311,896
2003	1,196	187	819	190	287,129
2004	1,228	177	891	160	258,425
2005	1,125	167	798	160	285,770
2006	1,076	88	831	157	281,632
2007	1,011	119	702	190	260,401
2008	1,055	210	636	209	269,654

SOURCE: New York State Department of Environmental Conservation,
Division of Lands and Forests.

TABLE O-16

**Sales of Forest Products from State-Owned Forests
New York State — 1975-2008**

Year	Board Feet (millions)	Pulpwood (cords)	Firewood (cords)	Receipts (dollars)
1975	7.83	56,400	16,300	\$ 623,886
1976	6.18	51,100	22,000	478,825
1977	15.01	68,600	28,300	1,071,259
1978	10.78	68,500	54,344	1,113,517
1979	8.23	65,439	49,748	1,097,404
1980	10.71	68,682	69,128	1,470,990
1981	15.86	83,775	62,292	1,770,051
1982	17.83	65,286	48,474	2,064,581
1983	21.94	59,177	39,969	2,455,892
1984	13.65	57,858	35,268	1,984,289
1985	20.35	56,646	36,911	1,818,985
1986	26.71	56,131	35,565	2,316,601
1987	38.46	54,685	28,453	3,288,139
1988	36.67	53,226	27,351	3,442,404
1989	31.67	56,676	25,157	4,560,123
1990	19.23	54,413	30,471	3,040,595
1991	16.03	40,184	27,041	2,620,827
1992	22.48	49,621	28,955	3,365,035
1993	23.47	44,137	25,197	4,039,372
1994	24.57	48,776	26,566	3,958,898
1995	33.07	44,760	22,870	6,024,918
1996	20.98	39,306	21,956	4,078,645
1997	25.92	44,897	13,866	3,404,467
1998	26.32	65,348	14,637	6,692,293
1999	19.17	49,986	10,786	5,872,419
2000	21.98	34,947	13,791	7,302,178
2001	24.66	34,300	12,454	5,218,567
2002	25.53	26,031	11,306	4,509,014
2003	22.91	32,875	12,079	5,153,944
2004	24.47	23,244	15,074	6,187,053
2005	31.29	23,657	12,807	5,700,787
2006	35.56	11,653	10,868	5,351,207
2007	29.27	15,872	7,718	4,475,066
2008	26.14	12,125	14,184	4,247,148

SOURCE: New York State Department of Environmental Conservation,
Division of Lands and Forests.

TABLE O-17

Forest Fires and Acres Burned
New York State — Selected Years 1955-2008

Year	Forest Fires	Acres Burned	Average Acres Burned Per Fire
1955	1,720	23,127	13.4
1960	714	5,065	7.1
1965	1,200	8,469	7.1
1970	631	2,262	3.6
1971	596	2,203	3.7
1972	508	2,693	5.1
1973	669	3,300	4.9
1974	558	2,268	4.1
1975	795	2,968	3.7
1976	484	6,140	12.7
1977	895	7,016	7.8
1978	792	7,143	9.0
1979	552	2,593	4.7
1980	772	5,391	7.0
1981	655	5,540	8.4
1982	610	3,389	5.5
1983	356	1,585	4.5
1984	319	1,516	4.8
1985	644	3,666	5.7
1986	460	3,799	8.3
1987	267	1,072	4.0
1988	556	5,031	9.0
1989	603	11,730	19.5
1990	322	1,589	4.9
1991	535	3,453	6.5
1992	292	2,014	6.9
1993	243	992	4.1
1994	129	1,177	9.1
1995	379	7,334	19.4
1996	79	211	2.7
1997	309	1,218	3.9
1998	346	2,569	7.4
1999	629	5,557	9.3
2000	134	451	3.4
2001	460	4,545	9.9
2002	324	2,062	6.4
2003	106	594	5.6
2004	78	473	5.8
2005	208	669	3.2
2006	231	2,323	10.1
2007	211	855	4.1
2008	157	3,634	23.1

SOURCE: New York State Department of Environmental Conservation,
Division of Forest Protection and Fire Management.

TABLE O-18

**Search and Rescue Missions
New York State — 1963-2008**

Year	Missions	Staff Time ¹ (hours)	Year	Missions	Staff Time ¹ (hours)
1963	76	1,296	1985	201	5,698
1964	53	816	1986	211	5,730
			1987	253	5,064
1965	106	3,050	1988	223	8,063
1966	116	1,877	1989	259	6,081
1967	130	2,447			
1968	100	1,805	1990r	259	7,804
1969	113	4,028	1991r	252	4,290
			1992	244	11,282
1970	116	1,320	1993	241	8,907
1971	104	9,255	1994	208	5,100
1972	138	8,604			
1973	178	15,941a	1995	212	6,200
1974	144	15,941a	1996	236	7,700
			1997	251	6,494
1975	162	4,049	1998	209	7,049
1976	211	6,741	1999	228	4,130
1977	202	5,324			
1978	156	3,334	2000	286	10,725
1979	163	4,445	2001	373	8,768
			2002	257	10,313
1980	164	4,382	2003	237	9,382
1981	163	5,300	2004	220	9,266
1982	184	6,858			
1983	215	7,003	2005	229	9,882
1984	188	5,381	2006	226	15,708
			2007	223	8,964
			2008	245	14,094

r Revised.

a Reflects time spent by Environmental Conservation Officers as well as Department Foresters on several unusually large searches.

¹ Spent by Forest Rangers of the Department of Environmental Conservation.

SOURCE: New York State Department of Environmental Conservation, Division of Forest Protection and Fire Management.

TABLE O-19

**Resident Hunting, Fishing, and Trapping Licenses by Type
New York State — Selected Years 1940-2008**

Year ¹	All Licenses	Sportsman Combination Hunting and Fishing	Small Game Hunting	Fishing	Big Game	Trapping	Bow Hunting ²	Sportsman
1940	776,187	254,134	159,334	196,090	158,226	8,403		
1945	801,576	221,164	160,748	204,923	202,746	11,995		
1950	1,273,085	231,101	219,315	458,673	348,131	14,729	1,136	
1955	1,509,684	265,464	268,072	524,369	419,700	12,771	19,308	
1960	1,444,898	204,576	280,450	511,391	418,953	9,152	20,376	
1965	1,515,990	210,268	299,173	501,410	482,950	8,349	13,840	
1970	1,803,637	252,860	309,992	585,276	599,683	9,533	46,293	
1971	1,617,055	223,525	269,952	534,797	527,953	9,047	51,781	
1972	1,670,542	219,503	257,469	597,105	526,831	11,682	57,952	
1973	1,626,248	220,220	253,558	572,220	510,134	11,699	58,417	
1974	1,773,304	242,925	267,389	581,372	591,374	15,399	74,845	
1975	1,877,385	247,045	270,155	617,128	632,549	16,799	93,709	
1976	1,798,618	214,754	257,208	567,807	649,073	15,507	94,269	
1977	1,743,747	195,644	239,159	542,141	649,225	17,545	100,033	
1978	1,696,417	188,334	227,520	533,473	636,327	19,483	91,280	
1979	1,508,204	54,049	180,011	524,970	437,835	22,527	89,628	192,641
1980	1,527,827	37,947	163,251	554,726	409,860	31,543	90,932	232,723
1981	1,538,830	34,303	154,758	558,935	406,056	26,970	80,517	263,629
1982	1,535,119	25,499	114,859	561,951	360,542	23,221	90,586	284,279
1983	1,493,689	25,338	97,159	525,573	352,548	21,534	99,688	255,029
1984	1,533,027	21,631	80,017	494,219	336,617	17,081	103,519	248,041
1985	1,559,190	20,807	71,484	512,062	332,559	16,882	108,413	253,168
1986	1,520,601	19,805	63,155	510,910	306,308	14,457	103,622	259,152
1987	1,542,091	18,931	57,192	521,806	287,938	15,613	128,507	263,953
1988	1,558,674	18,697	52,886	528,065	275,399	17,087	139,831	274,692
1989	1,560,980	17,231	46,782	523,901	261,754	14,723	152,175	287,880
1990	1,560,517	16,056	42,029	541,344	248,057	11,513	156,958	291,184
1991	1,572,428	15,293	40,006	543,590	236,227	9,164	167,676	298,064
1992	1,455,793	21a	59,328	454,975	212,816	7,740	165,880	363,673
1993	1,413,718	20a	47,178	419,140	192,569	7,167	171,771	373,179
1994	1,401,897	20a	43,025	412,256	184,079	6,878	168,272	375,766
1995	1,389,602	19a	42,248	420,041	177,763	7,700	165,225	363,509
1996	1,355,435	20a	38,764	396,467	176,870	7,224	165,203	355,846
1997r	1,346,862	19a	36,336	395,527	162,655	8,656	163,363	355,425
1998	1,336,342	19a	34,814	395,747	149,902	9,045	163,657	351,435
1999	1,342,615	18a	30,700	386,240	142,415	8,938	167,149	362,605
2000	1,336,706	17a	28,482	370,894	134,203	7,899	170,587	365,892
2001	1,354,059	18a	26,002	381,723	129,395	7,619	173,847	368,145
2002c,r	273,797	—	228d	13,608c	b	52c	61d	9d
2003	1,005,882	—	7,430	374,776	b	10,520	76,773	262,012
2004	1,012,881	—	6,845	393,467	b	10,139	76,017	245,914
2005	1,003,025	—	6,360	392,384	b	10,206	72,851	234,973
2006	987,212	—	6,589	402,755	b	10,204	66,074	211,520
2007	1,005,750	—	6,280	420,542	b	12,183	64,691	207,466
2008	1,009,079	—	7,100	433,900	b	12,021	62,034	201,100

(Continued on the following page)

TABLE O-19 (continued)

**Resident Hunting, Fishing, and Trapping Licenses by Type
New York State — Selected Years 1940-2008**

Year ¹	Hunting and Big Game	3-Day Fishing	Muzzle Loading ²	Junior Archery	Junior Trapping	Senior Sportsman License	Sportsman Free	Junior Hunting
1940								
1945								
1950								
1955								
1960								
1965								
1970								
1971								
1972								
1973								
1974								
1975								
1976								
1977								
1978								
1979			3,905	2,638				
1980			3,865	2,980				
1981			4,801	3,573	5,288			
1982	53,448	6,907	5,526	3,757	4,544			
1983	79,572	19,139	10,364	3,845	3,900			
1984	80,520	29,171	11,448	3,838	2,854	42,414	61,657	
1985	82,158	31,209	13,102	3,982	2,332	46,910	64,122	
1986	80,665	33,495	12,433	4,372	1,881	48,377	61,969	
1987	79,292	35,414	15,712	4,333	1,546	48,511	63,343	
1988	77,269	37,209	18,798	4,088	1,481	48,052	65,120	
1989	74,823	38,352	24,084	4,105	1,111	47,786	66,273	
1990	68,509	38,040	28,196	3,998	780	48,004	65,849	
1991	65,704	36,601	34,539	4,007	499	48,280	72,778	
1992	99a	31,413	35,023	4,080	391	92,430	10,583	17,341
1993	96a	32,614	41,358	4,314	327	93,549	9,952	20,484
1994	93a	31,582	46,958	4,372	339	97,459	9,520	21,278
1995	88a	31,125	46,465	4,214	399	100,621	9,261	20,923
1996	89a	28,535	49,573	3,985	404	102,786	9,442	20,227
1997 ^r	89a	27,315	58,761	3,806	431	104,435	9,185	20,859
1998	87a	26,744	63,569	3,732	601	105,104	10,302	21,584
1999	87a	24,390	74,963	3,747	781	106,830	12,051	21,701
2000	87a	26,744	84,885	4,104	490	107,507	13,312	21,603
2001	87a	23,564	92,438	4,120	518	109,811	15,313	21,459
2002	—	18,287	95,034	4,084	650	105,965	16,103	19,716
2003	96,489	b	74,163	4,236	431	79,139	b	19,913
2004	102,351	b	73,973	4,288	437	78,570	b	20,880
2005	100,342	b	79,565	4,412	524	80,857	b	20,551
2006	101,057	b	83,035	4,291	581	81,346	b	19,760
2007	97,105	b	88,801	4,254	756	84,249	b	19,423
2008	90,675	b	91,254	4,236	764	86,616	b	19,379

NOTE: Detail will not add to totals. Not all license sales are included in this table.

— Represents zero.

r Revised.

a These licenses were discontinued in 1991; 1992 through 1996 figures represent lifetime licenses purchased prior to October 1, 1991.

b License discontinued.

c Partial year — split systems

d License type change

1 1940 to 1955 are on a calendar year basis; all other years are by license year ending September 30.

2 Resident and Nonresident.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-20

Hunting Accidents, Fatal and Nonfatal New York State — 1940-2008

Year	Total	Nonfatal	Fatal	Year	Total	Nonfatal	Fatal
1940	194	168	26	1975d	122	109	13
1941	231	194	37	1976	84	77	7
1942	191	158	33	1977	94	87	7
1943	100	86	14	1978	78	67	11
1944	117	108	9	1979	110	94	16
1945	117	94	23	1980	90	83	7
1946	104	93	11	1981	96	90	6
1947	97	80	17	1982	88	79	9
1948	110	96	14	1983	71	69	2
1949a	133	115	18	1984	97	90	7
1950	113	100	13	1985f	96	90	6
1951b	141	124	17	1986	70	65	5
1952	120	106	14	1987	87	81	6
1953	112	105	7	1988	78	72	6
1954	120	110	10	1989	75	69	6
1955	130	118	12	1990r	91	88	3
1956	143	132	11	1991	98	87	11
1957	125	113	12	1992	64	57	7
1958	141	128	13	1993r	67	63	4
1959	137	122	15	1994	52	51	1
1960c	143	128	15	1995	62	55	7
1961	140	123	17	1996	57	48	9
1962	102	91	11	1997	55	54	1
1963	147	138	9	1998	64	62	2
1964	124	117	7	1999	54	50	4
1965	157	146	11	2000	43	39	4
1966	166	153	13	2001	57	50	7
1967	159	148	11	2002	61	59	2
1968	130	121	9	2003	32	30	2
1969	103	95	8	2004	34	31	3
1970	130	124	6	2005	35	34	1
1971	100	97	3	2006	21	19	2
1972	74	67	7	2007p	37	31	6
1973	103	96	7	2008	27	23	4
1974	122	111	11				

p Preliminary.

r Revised.

a Hunter education became mandatory for new hunters under 17 years old.

b Hunter education became mandatory for new hunters under 21 years old.

c Hunter education became mandatory for all new hunters.

d Hunter education course 6-hour minimum established.

f Hunter education course 10-hour minimum established.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-21
Calculated Deer Take
New York State — Selected Years 1977-2008

Year	Total	Males		Females	
		Adults	Fawns	Adults	Fawns
1977	83,204	55,880	6,407	15,631	5,286
1978	85,559	51,872	7,549	19,921	6,217
1979	94,059	59,086	7,855	20,685	6,433
1980	136,255	75,441	14,177	35,100	11,537
1981r	166,322	83,669	19,558	46,962	16,133
1982	185,455	78,460	24,436	62,338	20,221
1983	167,449	79,746	20,082	51,111	16,510
1984r	170,310	77,596	21,676	53,174	17,864
1985r	149,083	80,732	17,167	36,972	14,212
1986	178,713	90,719	21,622	48,665	17,707
1987	204,715	97,595	25,883	59,577	21,660
1988	193,464	92,987	23,804	58,464	18,209
1989	181,879	99,589	20,600	45,623	16,067
1990	190,810	103,258	20,314	51,757	15,481
1991	212,633	110,701	24,326	58,765	18,841
1992	233,144	117,984	28,257	64,385	22,518
1993	220,288	102,431	26,408	71,340	20,109
1994	165,683	89,328	18,460	45,106	12,789
1995	188,284	113,566	16,670	45,648	12,400
1996r	202,765	104,689	22,781	59,161	16,134
1997	216,836	119,090	21,811	58,772	17,163
1998	230,758	121,911	23,652	67,672	17,523
1999	255,959	125,392	26,305	84,432	19,830
2000	295,859	140,857	31,317	98,265	25,420
2001	281,870	127,084	31,414	100,800	22,572
2002	308,216	128,292	36,958	113,317	29,649
2003	253,088	107,533	26,883	94,376	24,296
2004	208,406	88,733	21,022	80,196	18,455
2005	180,214	89,015	16,373	61,179	13,647
2006	189,108	96,569	18,336	60,102	14,101
2007	219,141	104,451	21,096	76,367	17,227
2008	222,979	105,747	20,000	79,953	17,279

r Revised.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-22

**Resident and Nonresident Hunting, Fishing, and Trapping Licenses by Type
New York State by County — License Year Ended September 30, 2008**

County of Issue	All Licenses ¹	Resident								
		Sportsman	Super Sportsman	Senior Sportsman	Hunt	Junior Small Game	Small and Big Game	Archery Hunting	Junior Archery Hunting	Muzzle Load
New York State	1,857,700	200,381	138,662	86,616	7,099	19,379	90,674	62,034	4,236	91,254
New York City	24,323	2,065	1,043	1,122	193	122	2,215	955	23	499
Bronx	1,907	237	89	111	4	15	166	53	4	26
Kings	8,074	534	277	268	42	29	617	315	5	117
New York	1,085	2	1	1	—	—	—	—	—	—
Queens	10,233	1,025	451	595	136	44	1,017	385	3	259
Richmond	3,024	267	225	147	11	34	415	202	11	97
Rest of State	1,757,984	190,624	131,590	83,681	6,797	19,205	86,199	58,841	4,205	88,239
Albany	33,046	3,711	2,482	1,343	146	263	1,448	1,275	51	1,391
Allegany	18,133	2,107	1,645	1,221	55	355	1,335	641	89	838
Broome	47,737	5,872	3,492	2,440	148	525	2,610	1,776	100	1,707
Cattaraugus	29,065	3,507	2,469	1,557	101	438	1,944	1,053	87	1,303
Cayuga	28,936	3,050	2,491	1,162	120	377	1,145	961	93	1,302
Chautauqua	55,283	5,530	3,565	2,179	128	711	2,705	1,644	160	1,618
Chemung	23,940	2,916	2,152	1,293	72	252	1,222	944	76	1,022
Chenango	21,223	2,350	2,130	1,255	68	352	1,601	638	73	1,328
Clinton	27,032	3,666	1,722	1,271	104	234	1,243	375	24	2,831
Columbia	12,936	1,496	1,068	931	53	169	900	539	33	620
Cortland	23,825	2,673	2,092	997	80	314	1,546	724	88	1,245
Delaware	17,176	1,843	1,251	1,395	64	190	1,318	695	29	959
Dutchess	33,228	3,373	3,148	1,708	141	380	1,655	1,400	82	1,263
Erie	135,371	16,034	10,566	6,210	452	1,536	5,670	6,268	404	4,158
Essex	20,993	2,184	934	1,009	27	162	638	200	23	2,031
Franklin	24,092	2,684	1,581	1,084	62	213	1,373	505	24	2,855
Fulton	16,889	2,197	1,264	921	40	179	805	313	23	1,712
Genesee	17,682	2,192	1,673	892	50	292	918	733	77	756
Greene	11,430	1,283	825	800	51	115	776	485	24	527
Hamilton	6,278	397	139	290	7	33	76	58	3	275
Herkimer	20,807	2,565	1,494	1,040	62	299	1,414	448	36	1,474
Jefferson	58,306	5,742	2,943	2,177	165	436	1,953	765	57	4,480
Lewis	15,217	2,264	1,032	885	26	236	1,270	225	28	2,278
Livingston	19,418	2,391	1,830	997	68	308	1,148	957	102	1,017
Madison	20,793	2,441	1,706	1,163	88	256	1,204	631	54	1,335
Monroe	91,019	9,805	7,168	3,650	328	829	2,893	3,890	234	2,297
Montgomery	12,995	1,611	951	740	47	146	648	357	23	940
Nassau	26,450	2,853	2,310	1,533	393	264	3,093	1,655	49	888
Niagara	45,764	4,586	3,674	2,117	133	481	1,410	1,918	127	1,406
Oneida	51,962	6,024	3,653	2,842	191	526	2,742	1,263	92	3,961
Onondaga	71,994	7,551	5,110	3,057	312	653	2,486	2,069	126	3,109
Ontario	43,785	5,308	3,946	1,825	154	628	1,787	1,745	172	1,589
Orange	53,017	5,913	4,785	2,130	199	570	2,212	2,083	124	1,949
Orleans	17,984	1,518	1,137	701	40	208	442	454	62	523
Oswego	76,369	4,954	3,374	1,955	123	415	1,736	974	81	2,691
Otsego	23,918	2,648	1,879	1,433	122	365	1,866	827	58	1,351
Putnam	5,605	487	504	327	25	55	183	257	15	155
Rensselaer	24,505	2,776	1,982	1,317	90	281	1,533	888	57	1,241
Rockland	20,562	1,258	934	626	51	84	483	511	19	367
St. Lawrence	54,004	6,958	3,279	2,815	128	512	3,163	720	80	6,614
Saratoga	36,011	4,087	2,445	1,652	114	296	1,358	769	51	2,586
Schenectady	18,035	1,928	1,152	980	66	135	734	602	31	974
Schoharie	14,786	1,714	1,496	813	67	237	976	496	49	876
Schuyler	12,672	1,269	1,147	633	36	217	638	395	61	527
Seneca	11,470	1,107	1,104	543	25	150	420	658	32	716
Steuben	44,479	5,225	4,084	2,423	147	688	2,964	1,673	185	2,081
Suffolk	45,024	4,854	3,509	2,396	1,006	621	4,675	3,230	139	1,120
Sullivan	29,025	2,591	1,821	1,598	51	228	1,268	868	49	1,223
Tioga	13,208	1,631	1,048	893	33	163	743	493	36	511
Tompkins	17,652	1,937	1,774	805	57	212	916	614	45	720
Ulster	31,054	3,384	2,656	1,637	128	374	1,319	1,257	81	1,181
Warren	39,101	3,693	1,991	1,373	70	276	1,381	429	32	2,865
Washington	12,381	1,280	947	838	40	139	862	320	17	1,065
Wayne	23,634	2,183	1,707	1,225	65	251	613	749	58	794
Westchester	29,749	2,520	2,366	1,419	127	194	1,486	1,537	60	600
Wyoming	13,545	1,753	1,375	745	33	273	942	595	72	740
Yates	7,389	750	588	420	18	109	310	292	48	254
Other Outlets ²										
New York State Fair	9,719	1,648	1,194	454	11	52	203	329	8	558
Barre, Vermont	196	2	—	—	—	—	—	—	—	—
Tele-Sales	25,421	1,244	1,048	712	43	—	724	566	—	487
Internet Sales	40,057	4,798	3,787	647	55	—	1,333	1,343	—	1,471

(Continued on the following page)

TABLE O-22 (continued)

**Resident and Nonresident Hunting, Fishing, and Trapping Licenses by Type
New York State by County — License Year Ended September 30, 2008**

County of Issue	Resident							Nonresident		
	Turkey	Deer Management	Season Fishing	Senior Fishing	7-Day Fishing	1-Day Fishing	Trap	Junior Trap	Super Sportsman	Big Game
New York State	140,782	363,680	374,526	42,647	16,016	711	12,021	764	7,135	25,159
New York City	3,217	4,213	6,545	906	216	11	18	1	12	157
Bronx	259	352	436	99	20	3	—	—	1	17
Kings	894	1,127	2,991	544	66	—	8	—	3	44
New York	2	1	759	56	90	1	—	—	—	—
Queens	1,715	2,212	1,810	149	32	3	5	1	4	46
Richmond	347	521	549	58	8	4	5	—	4	50
Rest of State	132,995	335,806	363,349	41,252	15,713	694	11,749	763	5,120	19,123
Albany	2,362	5,495	10,411	1,102	333	20	180	4	35	138
Allegany	1,755	4,846	1,607	142	39	2	200	15	103	448
Broome	3,874	9,698	9,814	983	350	19	201	12	204	950
Cattaraugus	2,812	7,076	3,424	353	89	3	315	17	137	836
Cayuga	2,164	5,818	6,518	616	161	13	147	11	19	120
Chautauqua	4,611	11,165	6,816	886	290	17	335	37	543	1,497
Chemung	1,875	5,512	4,419	445	107	3	119	9	79	410
Chenango	2,027	4,845	2,332	225	69	1	251	25	119	619
Clinton	1,673	3,535	6,275	565	119	9	265	14	157	347
Columbia	1,274	2,753	1,753	265	26	1	149	9	208	274
Cortland	2,096	4,995	3,696	299	93	9	155	7	59	409
Delaware	1,807	2,641	2,400	227	102	10	172	8	67	518
Dutchess	3,012	6,527	7,955	883	120	20	182	5	78	248
Erie	11,426	29,333	32,667	4,089	1,319	82	497	50	51	428
Essex	1,139	1,906	3,465	499	387	16	158	4	141	355
Franklin	1,232	3,231	4,422	362	252	6	368	5	95	257
Fulton	1,307	3,314	3,583	388	75	—	123	4	14	69
Genesee	1,307	5,040	2,562	306	143	10	144	9	3	85
Greene	1,272	1,696	2,305	211	108	1	107	7	35	176
Hamilton	264	325	1,235	219	324	5	63	3	6	83
Herkimer	1,815	4,076	3,851	376	119	23	176	6	52	272
Jefferson	3,186	9,093	13,125	1,425	1,461	22	379	26	52	330
Lewis	1,232	3,010	1,630	112	41	2	279	34	26	109
Livingston	1,403	5,281	2,895	281	104	5	131	4	7	103
Madison	1,794	4,297	4,245	519	73	2	186	25	15	114
Monroe	5,714	19,356	27,005	3,648	1,205	44	266	8	14	171
Montgomery	1,261	2,702	2,626	239	56	1	85	1	10	92
Nassau	3,468	5,926	3,179	375	191	7	54	3	5	44
Niagara	3,085	9,995	8,831	1,254	284	31	177	19	19	134
Oneida	3,848	9,634	12,886	1,486	263	14	416	52	66	318
Onondaga	4,787	12,140	22,888	2,726	659	21	351	17	45	286
Ontario	3,161	10,433	9,509	1,084	341	19	294	30	12	158
Orange	4,548	9,632	12,989	1,266	263	9	318	11	276	1,059
Orleans	936	3,402	2,509	351	85	4	70	7	11	53
Oswego	2,937	8,637	12,004	934	850	48	425	22	127	315
Otsego	2,697	4,532	3,337	350	110	1	260	24	99	405
Putnam	476	1,127	1,198	156	7	—	31	2	34	124
Rensselaer	1,826	3,740	6,120	707	105	8	190	13	276	441
Rockland	1,077	2,671	5,320	654	167	18	68	1	418	1,360
St. Lawrence	2,973	9,920	8,945	875	529	9	664	43	59	266
Saratoga	2,284	5,725	11,228	1,272	335	12	199	—	38	124
Schenectady	1,212	2,942	6,090	698	133	5	64	2	3	45
Schoharie	1,725	3,165	1,919	189	37	2	188	12	87	256
Schuyler	1,013	2,685	1,877	198	91	7	80	18	25	159
Seneca	777	2,137	2,276	260	40	4	398	10	5	51
Steuben	3,730	11,227	4,664	462	151	9	298	35	409	1,308
Suffolk	4,467	9,484	7,650	954	193	16	155	6	9	98
Sullivan	2,026	3,838	5,941	733	676	24	187	11	137	670
Tioga	1,170	3,581	1,064	160	35	2	109	2	105	386
Tompkins	1,427	3,888	3,533	293	140	4	94	2	37	141
Ulster	2,797	5,521	7,817	811	224	10	192	11	29	208
Warren	1,815	3,659	9,538	992	1,744	38	225	13	70	481
Washington	942	1,921	1,841	270	44	1	146	8	230	338
Wayne	1,528	5,239	5,356	751	235	13	171	4	9	45
Westchester	2,818	5,839	7,681	996	99	8	86	3	128	259
Wyoming	1,251	3,870	1,297	139	39	2	148	12	4	51
Yates	500	1,730	826	191	78	2	58	11	19	82
Other Outlets ²										
New York State Fair	821	3,479	646	181	8	—	78	—	2	8
Barre, Vermont	—	35	—	—	—	—	—	—	22	56
Tele-Sales	948	9,031	711	114	27	5	35	—	1,201	3,811
Internet Sales	2,801	11,116	3,275	194	52	1	141	—	778	2,004

(Continued on the following page)

TABLE O-22 (continued)

**Resident and Nonresident Hunting, Fishing, and Trapping Licenses by Type
New York State by County — License Year Ended September 30, 2008**

County of Issue	Nonresident										
	Small Game	Junior Small Game	Archery	Junior Archery	Muzzle Load	Bear	Turkey	Season Fishing	7-Day Fishing	1-Day Fishing	Trap
New York State	8,838	690	2,098	92	1,416	2,559	4,545	57,540	71,804	24,294	48
New York City	46	4	10	1	2	12	11	514	108	82	—
Bronx	4	—	1	—	—	—	2	7	—	1	—
Kings	7	—	1	—	—	6	2	129	23	25	—
New York	—	—	—	—	—	—	—	96	50	26	—
Queens	28	2	3	1	—	3	5	249	25	25	—
Richmond	7	2	5	—	2	3	2	33	10	5	—
Rest of State	7,270	686	1,704	91	1,186	1,982	3,645	52,111	69,719	23,609	36
Albany	83	16	21	2	17	10	47	237	294	128	1
Allegany	59	10	33	1	8	38	52	284	142	63	—
Broome	331	27	82	3	24	63	225	1,171	716	319	1
Cattaraugus	205	31	49	3	7	62	112	651	287	137	—
Cayuga	112	4	40	—	5	2	18	870	1,245	352	—
Chautauqua	560	78	112	6	23	118	284	3,825	4,277	1,562	1
Chemung	87	12	30	2	10	24	61	448	210	129	—
Chenango	192	19	75	1	31	47	147	168	170	65	—
Clinton	280	9	14	—	71	45	34	1,139	722	289	—
Columbia	55	5	73	4	18	6	34	101	68	50	1
Cortland	128	13	15	1	12	44	81	971	744	239	—
Delaware	121	6	36	1	5	54	96	673	297	190	1
Dutchess	235	19	35	3	12	13	151	356	116	106	2
Erie	142	12	52	3	6	10	72	1,384	1,414	1,036	—
Essex	135	6	10	1	103	69	18	1,614	2,878	877	4
Franklin	76	5	2	1	75	41	26	998	1,870	384	3
Fulton	15	2	2	—	6	8	5	194	266	60	—
Genesee	22	—	9	—	5	—	7	102	215	130	—
Greene	51	3	17	—	4	28	33	188	168	134	—
Hamilton	21	—	5	—	7	18	4	633	1,562	222	1
Herkimer	74	4	23	3	19	58	42	287	568	131	—
Jefferson	227	7	24	—	30	22	88	2,656	6,041	1,394	—
Lewis	43	—	4	—	25	17	23	140	189	54	3
Livingston	21	3	7	—	12	—	6	85	197	55	—
Madison	61	2	8	—	5	4	28	219	261	57	—
Monroe	94	17	32	—	8	3	14	495	1,025	806	—
Montgomery	26	2	3	1	8	14	11	137	198	57	2
Nassau	27	3	4	1	1	4	7	64	26	23	—
Niagara	50	9	14	1	2	1	20	1,467	2,657	1,862	—
Oneida	98	13	23	1	68	36	61	487	672	224	2
Onondaga	214	23	22	2	36	19	78	1,194	1,467	546	—
Ontario	52	14	17	1	4	2	24	371	739	365	1
Orange	350	39	98	8	34	192	186	1,187	352	233	2
Orleans	11	5	6	1	—	1	3	1,196	3,069	1,179	—
Oswego	214	17	23	1	51	24	93	11,422	17,844	4,076	2
Otsego	241	24	48	—	19	17	221	220	592	171	1
Putnam	103	3	18	1	8	5	32	214	43	15	—
Rensselaer	130	19	56	3	78	13	66	307	172	70	—
Rockland	542	26	105	7	20	255	199	2,564	402	354	1
St. Lawrence	131	10	13	3	68	12	51	1,399	3,515	248	2
Saratoga	43	5	4	—	22	7	19	455	634	247	—
Schenectady	13	—	3	1	2	4	10	83	87	36	—
Schoharie	101	4	33	4	15	23	84	96	94	28	—
Schuyler	78	15	22	2	—	3	31	565	593	287	—
Seneca	117	12	6	—	—	—	8	194	328	92	—
Steuben	244	41	128	10	29	146	188	835	728	366	1
Suffolk	110	5	23	1	1	3	9	152	65	73	—
Sullivan	148	10	44	—	13	156	85	2,139	1,621	869	—
Tioga	161	12	22	—	7	27	138	569	70	37	—
Tompkins	51	12	32	—	6	—	40	294	371	206	1
Ulster	70	5	34	—	4	57	43	598	372	234	—
Warren	73	9	16	—	67	88	17	1,732	4,546	1,867	1
Washington	163	15	21	3	62	43	81	476	200	68	—
Wayne	31	8	6	1	0	1	8	558	1,463	562	—
Westchester	231	13	38	2	7	23	113	876	120	98	2
Wyoming	6	1	9	0	4	1	3	45	88	47	—
Yates	11	2	3	1	2	1	8	326	649	100	—
Other Outlets ²											
New York State Fair	2	—	—	—	2	—	—	18	7	10	—
Barre, Vermont	22	—	9	—	12	3	1	18	16	—	—
Tele-Sales	749	—	243	—	119	315	488	1,522	909	359	10
Internet Sales	749	—	132	—	95	247	400	3,357	1,045	234	2

— Represents zero.

1 All license totals do not include nonsporting license sales such as Venison Donation, Habitat Stamp, Conservationist Magazine, etc.

2 Other outlets include telephone, mail order, and Internet sales as well as sales conducted at the New York State Fair in Syracuse.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-23

**Environmental Conservation, Division of Law Enforcement
Annual Activity
New York State — Fiscal Years 2003-04 — 2007-08**

	2003-04	2004-05	2005-06	2006-07	2007-08
Bureau of Environmental Conservation Investigation (BECI) ¹					
Total Investigations	306	277	316	357	364
Total Litigations	44	54	60	71	76
Total Recoveries	\$ 1,459,772	\$ 1,645,389	\$ 2,155,310	\$ 1,913,356	\$ 2,084,475
Number of Staff	32	29	30	32	36
Uniform ²					
Total Cases	16,406	17,355	19,411	18,082	20,547
Total Recoveries	\$ 1,171,540	\$ 1,309,473	\$ 1,546,472	\$ 1,120,682	\$ 1,627,525
Number of Staff	234	231	233	231	234

1 BECI is a detective force assigned to longer-term investigations.

2 Generally short-term investigations (i.e., one or two days) by uniformed Environmental Conservation Officers.

SOURCE: New York State Department of Environmental Conservation, Division of Law Enforcement.

TABLE O-24

**Motorboat and Snowmobile Registrations
New York State by County
2004-06 Average and 2007**

County	Motorboats				Snowmobiles			
	By County of Principal Use		By County of Residence		By County of Principal Use		By County of Residence	
	2004-06 Average ¹	2007	2004-06 Average ¹	2007	2004-06 Average ¹	2007	2004-06 Average ¹	2007
New York State	510,181	495,623	510,181	495,623	157,479	127,045	146,381	127,045
New York City	19,370	18,356	24,164	22,815	110	104	434	420
Bronx	2,909	2,775	2,787	2,611	9	7	32	31
Kings	4,350	4,096	4,493	4,251	18	10	43	44
New York	1,960	2,027	4,514	4,449	21	15	66	62
Queens	5,973	5,600	7,767	7,264	32	39	142	125
Richmond	4,179	3,858	4,603	4,240	30	33	152	158
Rest of State	487,684	474,709	473,194	459,866	156,863	126,939	126,621	109,470
Albany	6,804	6,660	10,354	10,066	2,166	1,621	2,562	2,188
Allegany	2,334	2,284	1,986	1,901	873	855	968	781
Broome	5,807	5,476	7,858	7,459	1,617	1,330	1,602	1,336
Cattaraugus	3,078	2,951	3,109	2,974	2,654	2,215	2,209	1,813
Cayuga	6,987	6,988	5,705	5,627	1,987	1,819	2,281	1,979
Chautauqua	10,020	9,588	7,434	7,074	6,497	5,377	3,239	2,848
Chemung	1,986	2,001	4,402	4,347	350	298	403	325
Chenango	2,052	1,957	2,393	2,319	1,687	1,470	1,636	1,365
Clinton	6,602	6,453	6,104	5,974	2,939	1,875	2,025	1,809
Columbia	3,147	3,082	3,050	2,980	1,017	736	1,001	783
Cortland	1,972	1,918	2,314	2,257	1,438	1,327	1,477	1,196
Delaware	1,165	1,107	1,353	1,303	2,455	2,113	1,985	1,538
Dutchess	7,256	6,916	8,165	7,865	1,692	1,326	2,022	1,721
Erie	25,093	24,437	27,049	26,313	10,078	7,948	9,288	7,925
Essex	5,991	5,907	4,528	4,436	1,646	1,199	1,335	1,115
Franklin	5,678	5,515	4,404	4,207	2,758	1,956	1,993	1,694
Fulton	7,066	6,840	4,834	4,606	3,182	2,727	2,660	2,344
Genesee	1,285	1,282	2,325	2,309	1,882	1,541	1,848	1,601
Greene	2,583	2,572	2,511	2,485	1,117	805	879	652
Hamilton	4,923	4,772	2,157	2,096	3,354	2,687	929	881
Herkimer	4,588	4,541	3,821	3,751	11,602	10,792	3,900	3,570
Jefferson	16,571	16,622	10,947	10,948	2,925	1,946	2,681	2,303
Lewis	2,145	2,228	1,922	1,949	8,548	7,773	2,148	1,969
Livingston	4,486	4,440	4,024	3,985	1,029	811	1,073	875
Madison	4,766	4,652	4,594	4,470	2,830	2,265	3,052	2,474
Monroe	24,157	23,690	30,322	29,641	4,345	4,267	5,223	4,809
Montgomery	1,626	1,526	2,271	2,135	1,952	1,496	1,966	1,644
Nassau	35,917	34,066	37,118	35,233	404	303	900	793
Niagara	9,279	8,985	9,296	9,105	2,321	2,115	2,400	2,177
Oneida	10,856	10,492	11,725	11,352	9,008	7,239	7,640	6,759
Onondaga	18,936	18,539	23,722	23,044	5,743	4,983	6,736	5,900
Ontario	9,202	9,301	7,803	7,693	1,412	1,178	1,535	1,320
Orange	9,556	9,282	10,042	9,757	2,342	1,989	2,659	2,246
Orleans	2,610	2,565	2,293	2,230	838	919	1,015	929
Oswego	13,350	12,768	9,553	9,402	10,690	6,779	4,735	3,967
Otsego	3,320	3,248	2,760	2,729	1,943	1,575	1,945	1,507
Putnam	3,090	3,004	3,344	3,210	290	202	473	455
Rensselaer	4,690	4,685	6,236	6,205	2,023	1,538	1,901	1,645
Rockland	5,332	4,915	5,091	4,757	286	198	493	425
St. Lawrence	12,405	14,539	10,517	10,152	5,083	3,710	3,961	3,548
Saratoga	14,635	4,703	14,213	14,090	4,701	3,872	4,558	4,085
Schenectady	4,930	897	6,951	6,559	1,426	1,133	1,695	1,479
Schoharie	880	4,046	1,170	1,183	1,637	1,289	1,392	1,115
Schuyler	4,054	3,907	1,694	1,716	330	335	352	272
Seneca	4,062	12,002	3,083	3,013	477	393	495	414
Steuben	5,575	5,500	5,560	5,484	1,062	830	1,138	872
Suffolk	84,145	82,171	78,494	76,600	1,238	1,277	2,394	2,232
Sullivan	4,214	3,971	3,410	3,232	2,882	1,534	1,526	1,209
Tioga	1,826	1,702	2,642	2,481	645	493	585	496
Tompkins	4,565	4,395	3,774	3,679	708	705	828	764
Ulster	5,835	5,693	6,174	6,014	1,858	1,430	1,892	1,611
Warren	13,354	13,122	7,770	7,586	3,591	3,407	2,321	2,293
Washington	3,329	3,280	3,542	3,457	2,623	1,975	2,164	1,865
Wayne	7,969	7,761	7,145	6,993	3,124	2,462	3,106	2,632
Westchester	12,600	11,937	13,508	12,868	410	292	805	777
Wyoming	2,509	2,409	1,860	1,799	2,789	1,978	2,263	1,869
Yates	4,496	4,419	2,771	2,766	359	231	331	276
Out of State, uncoded and multiple county of use ²	3,128	2,558	12,824	12,942	506	2	19,326	17,155

1 Because of rounding, total may differ slightly from the sum of the components.

2 Not included in Rest of State.

SOURCE: New York State Department of Motor Vehicles.

TABLE O-25

Fish Distributed by State Hatcheries
New York State — Selected Fiscal Years 1949-50 — 2007-08

Fiscal Ended March 31	All Species		Trout and Salmon		Warm Water	
	Number (thousands)	Weight (pounds)	Number (thousands)	Weight (pounds)	Number (thousands)	Weight (pounds)
1950	518,341	354,032	7,791	339,372	510,550	14,660
1955	289,457	375,806	8,552	361,662	280,905	14,144
1960	388,987	535,898	6,582	511,154	382,404	24,744
1965	382,803	636,984	7,989	606,661	374,814	30,323
1970	269,122	606,329	5,773	601,216	263,349	5,113
1971	326,172	529,263	5,764	524,105	320,407	5,158
1972	143,377	609,767	5,698	606,826	137,680	2,941
1973	219,379	591,212	4,728	585,942	214,650	5,270
1976	180,156	790,773	8,867	781,033	171,289	9,740
1977	461,883	759,206	7,628	749,202	454,254	10,004
1978	100,571	626,691	5,446	620,353	95,125	6,338
1979	97,584	593,163	6,187	588,178	91,397	4,985
1980	174,130	611,474	7,268	606,561	166,862	4,913
1981	119,118	680,644	9,811	670,759	109,307	9,885
1982	189,069	766,668	9,409	758,140	179,659	8,528
1983	171,836	1,046,554	13,102	1,036,373	158,733	10,181
1984	175,398	1,206,055	12,023	1,200,279	163,375	5,776
1985	196,317	1,162,827	13,386	1,155,940	182,931	6,887
1986	201,115	1,145,248	13,101	1,128,582	188,014	16,666
1987	181,314	1,141,165	12,974	1,125,012	168,339	16,153
1988	162,832	975,702	11,211	959,804	151,621	15,898
1989r	157,299	1,108,825	12,186	1,088,875	145,114	19,950
1990r	165,988	1,134,032	11,513	1,118,847	154,475	15,185
1991r	161,130	1,072,010	11,123	1,057,936	150,007	14,074
1992r	143,929	965,731	10,928	952,912	133,001	12,819
1993	24,934	896,794	10,592	886,834	14,342	9,960
1994	161,812	1,017,000	9,202	992,369	152,611	24,368
1995	200,956	903,517	8,070	878,952	192,886	24,565
1996	189,531	869,566	7,908	839,255	181,623	30,311
1997	195,965	901,095	8,492	879,514	187,473	21,581
1998	194,662	1,000,611	8,659	978,544	186,003	22,067
1999	210,120	989,258	7,654	961,500	202,466	27,759
2000	156,607	1,006,155	7,863	980,138	148,744	26,017
2001	206,428	936,903	7,294	910,436	199,135	26,467
2002	211,969	995,422	8,225	968,481	203,744	26,941
2003	199,393	950,566	7,731	929,078	191,662	21,488
2004	210,246	949,324	7,441	922,579	202,805	26,745
2005	216,797	908,955	7,554	883,410	209,242	25,545
2006	218,089	967,424	6,792	944,067	211,298	23,357
2007	207,452	990,266	6,995	972,590	200,457	17,676
2008	224,671	922,497	5,947	905,369	218,724	17,128

NOTE: Detail may not add to totals due to rounding.

SOURCE: New York State Department of Environmental Conservation,
Division of Fish, Wildlife and Marine Resources.

r Revised.

TABLE O-26

**Fish Distributed by State Hatcheries by Size and Species
New York State — Fiscal Year 2007-08(a)**

Species	All Sizes		Size Categories — measured in inches					
	Number (thousands)	Weight (pounds)	Fry ¹	1 - 4¼	4½ - 5¾	6 - 6¾	7 - 7¾	8 and Over
All species	224,671,003	922,497	218,265,289	1,482,576	1,014,950	868,380	577,430	2,462,378
Warm Water								
Walleye	218,623,216	4,852	218,252,600	328,216	42,400	—	—	—
Muskellunge	16,100	1,711	—	—	500	—	—	15,600
Tiger Muskellunge	84,412	10,465	11,879	—	—	—	—	72,533
Sturgeon	—	—	—	—	—	—	—	—
Paddle Fish	—	—	—	—	—	—	—	—
Pan Fish	500	100	—	—	—	—	—	500
Trout								
Brook	532,000	71,579	—	159,330	209,780	3,000	6,400	153,490
Brown	1,888,150	523,807	200	116,150	69,450	15,400	5,200	1,681,750
Rainbow	518,090	118,065	90	65,800	4,700	40,000	—	407,500
Rainbow (Steelhead)	827,470	47,785	—	—	600,670	219,300	7,500	—
Lake	801,690	78,708	—	—	—	193,620	513,570	94,500
Splake	11,610	2,509	—	—	—	—	—	11,610
Salmon								
Landlocked	344,235	39,064	520	—	1,000	273,060	44,760	24,895
Coho	224,750	13,326	—	14,300	86,450	124,000	—	—
Chinook	798,780	10,526	—	798,780	—	—	—	—

— Represents zero.

a April 1, 2007, through March 31, 2008.

1 Includes eggs and fish under one inch in length.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-27

**Marine Recreational Fish Catch
New York State — 2000-07
(thousands)**

Species	2000	2001	2002	2003	2004	2005	2006	2007
All Species	32,812	20,728	18,675	24,643	17,442	23,354	23,341	22,401
Bluefish	3,195	3,549	1,768	2,451	3,382	5,690	3,373	3,579
Black Sea Bass	1,495	806	1,632	1,856	595	1,139	1,911	1,824
Scup	4,237	3,400	2,337	6,917	4,089	1,949	3,774	3,191
Summer Flounder	5,029	5,927	4,796	7,261	3,619	8,914	6,079	5,965
Winter Flounder	456	519	275	307	291	372	299	30
Striped Bass	1,572	1,014	790	1,398	1,735	1,647	1,892	1,827
Tautog	459	360	1,583	426	1,163	391	1,273	647
Weakfish	106	97	88	17	48	194	21	208
Atlantic Mackerel	16	31	—	12	—	8	—	2
Atlantic Cod	80	16	—	2	112	307	9	3
Northern Puffers	4	19	42	29	7	145	9	93
Other	16,163	4,991	5,341	4,020	2,401	2,598	4,701	5,032
Number of Anglers	479	513	436	700	677	1,038	874	1,067
Number of Trips	4,444	4,624	4,118	5,525	4,774	6,073	5,399	6,218

NOTE: Detail may not add to totals due to rounding.

— Represents zero.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-28

**Marine Commercial Fishing Value of Products
New York State — 2000-07**

Principal Species	Value of Product (thousands of dollars)							
	2000	2001	2002	2003	2004	2005	2006	2007
All Species ¹	\$59,501	\$55,187	\$51,345	\$51,678	\$46,392	\$56,411	\$57,728	\$57,728
Finfish ¹								
Whiting	2,340	4,218	2,128	3,055	3,336	2,223	1,855	2,260
Yellowtail Flounder	597	499	221	208	68	62	56	109
Summer Flounder	1,975	1,779	2,042	2,241	3,262	3,809	3,418	3,129
Tile Fish	2,006	3,191	3,195	2,736	2,074	2,765	3,320	3,843
Scup	906	702	1,185	1,330	1,633	2,024	2,448	2,348
Winter Flounder	1,003	1,147	699	543	446	273	722	805
Atlantic Cod	123	191	7	92	101	68	86	42
Striped Bass	1,510	1,583	1,296	1,970	1,939	2,125	2,040	1,515
Swordfish	604	532	351	245	72	137	219	337
Bluefish	632	527	544	511	473	462	584	594
Butterfish	461	601	347	183	241	380	365	351
Tunas	920	775	440	308	270	235	236	440
Weakfish	337	374	409	171	191	119	219	144
Mollusks and Crustacea ¹								
American Lobster	11,988	7,357	5,131	4,435	3,721	4,395	6,288	4,283
Squid	7,688	6,036	6,247	4,353	5,331	6,062	5,873	5,158
Hard Clam	17,547	13,502	12,245	12,399	10,673	12,696	12,237	14,231
Oyster	1,311	2,137	4,995	4,263	3,367	1,961	2,390	2,627
Bay Scallop	1	58	40	31	40	107	244	111
Surf Clam	3,602	4,885	5,520	7,934	4,100	7,055	4,473	5,932

NOTE: All Species includes other species not listed in this table and thus will not add to detail.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

1 May include values for species not identified separately.

TABLE O-29

**Marine Commercial Fishing Licenses
New York State — 2002-08**

Type of License	2002	2003	2004	2005	2006	2007	2008
All Licenses	7,231	6,916	6,754	6,323	6,427	6,441	6,328
Resident Commercial (Lobster)	554	506	477	458	428	412	384
Resident Non-Commercial (Lobster)	1,051	940	932	990	1,135	1,216	1,203
Non-Resident Lobster	40	38	36	32	30	30	30
Lobster Landings	12	13	14	13	14	15	13
Resident Crab	675	649	629	616	603	605	587
Non-Resident Crab	34	34	32	30	29	30	31
Commercial Striped Bass	554	555	545	524	508	504	494
Commercial Fluke	357	349	347	342	338	331	327
Shellfish Bed	8	7	8	7	6	6	5
Menhaden Purse Seine Vessel	4	21	20	23	22	20	20
Marine Hatchery	23	22	20	25	28	29	30
Marine On/Off Bottom Culture	54	52	58	61	61	61	70
Food Fish Landing	46	50	45	40	33	29	36
Resident Food Fish	1,197	1,153	1,131	1,099	1,064	1,059	1,028
Non-Resident Food Fish	50	54	49	50	48	50	46
Shellfish Shipper — Class A	20	21	21	186	182	185	184
Shellfish Shipper — Class B	120	118	123	24	27	24	25
Shellfish Shipper — Class C	91	85	79	86	101	108	103
Shellfish Shipper — Class D	50	53	50	219a	a	a	a
Shellfish Shipper — Class E	19	23	21	20a	a	a	a
Shellfish Shipper — Class F	309	327	334	a	a	a	a
Shellfish Shipper — Class G	20	19	18	a	a	a	a
Diggers	1,943	1,827	1,765	1,717	1,770	1,727	1,712

a In 2005, Shellfish Shipper Class F and G were eliminated. Shellfish Shipper Class D was changed to Harvester/Shipper and Class E to Bay Scallop Shucker Packer.

SOURCE: New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources.

TABLE O-30

Location and Intensity of Prominent Earthquakes in New York State 1737-2008

Date	Locality	Size	Damage in New York
December 18, 1737	New York City	5.2	Bells rang, several chimneys fell
January 16, 1840	Herkimer	3.7	
September 2, 1847	Offshore New York City	3.5	No reference. No damage reported
September 9, 1848	Rockland Lake	V	Felt by many
March 12, 1853	Lowville	VI	Machinery knocked over
February 7, 1855	Saugerties ¹	VI	Cryoseism ^{2,3}
October 23, 1857	Buffalo (Lockport ¹)	4.0	Bells rang, crocks fell from shelves
December 18, 1867	Canton	4.7	Sleepers awakened
December 11, 1874	Tarrytown	3.4	
November 4, 1877	Lyon Mountain ¹	VII	Chimneys down, walls cracked, windows damaged, crocks overturned
August 10, 1884	New York Bight (New York City)	5.2	Chimneys and bricks fell, walls cracked
May 28, 1897	Dannemora	4.5	No damage reported
February 3, 1916	Schenectady	3.8	Broke windows, people thrown out of bed
March 18, 1928	Saranac Lake	4.0	
August 12, 1929	Attica	5.2	250 chimneys fell, brick buildings damaged, Attica prison walls, wells went dry
April 20, 1931	Warrensburg	4.8	Chimneys fell, church spire twisted
April 15, 1934	Dannemora	3.9	House shifted
July 9, 1937	Brooklyn ¹	3.5	No damage reported
September 5, 1944	Corwall, Ontario/Massena, New York	5.8	Nearly all chimneys fell, buildings damaged, \$2 million damage
September 5, 1944	Corwall, Ontario/Massena, New York	4.5	Chimneys destroyed, houses damaged
September 3, 1951	Rockland County	3.6	No damage reported
January 1, 1966	Attica	4.7	Chimneys and walls damaged
June 13, 1967	Attica	3.9	Chimneys and walls damaged
May 23, 1971	Blue Mountain Lake	4.1	No damage reported
May 23, 1971	Blue Mountain Lake	3.5	No damage reported
June 7, 1974	Wappingers Falls	3.0	Windows broken
June 9, 1975	Plattsburgh (Altona)	3.5	Chimneys and fireplaces cracked
November 3, 1975	Raquette Lake	4.0	No damage reported
February 2, 1983	Scarsdale-Lagrangeville	3.0	Chimneys cracked
October 7, 1983	Goodnow, Adirondack Mountains	5.1	Tombstones rotated, some cracked chimneys, windows broken, walls damaged
October 19, 1985	Ardsley	4.0	Windows broken, walls damaged
June 17, 1991	Richmondville	4.0	No damage reported
March 10, 1992	East Hampton, Suffolk County	4.1	No damage reported ²
April 20, 2000	Newcomb	3.8	Aftershock of the 1983 event. No damage reported
April 20, 2002	Au Sable Forks	5.1	Cracked walls, chimneys fell, road collapsed, power outages
May 24, 2002	Au Sable Forks	3.1	Aftershock of the April 20, 2002 event, no damage reported

1 Locality uncertain.

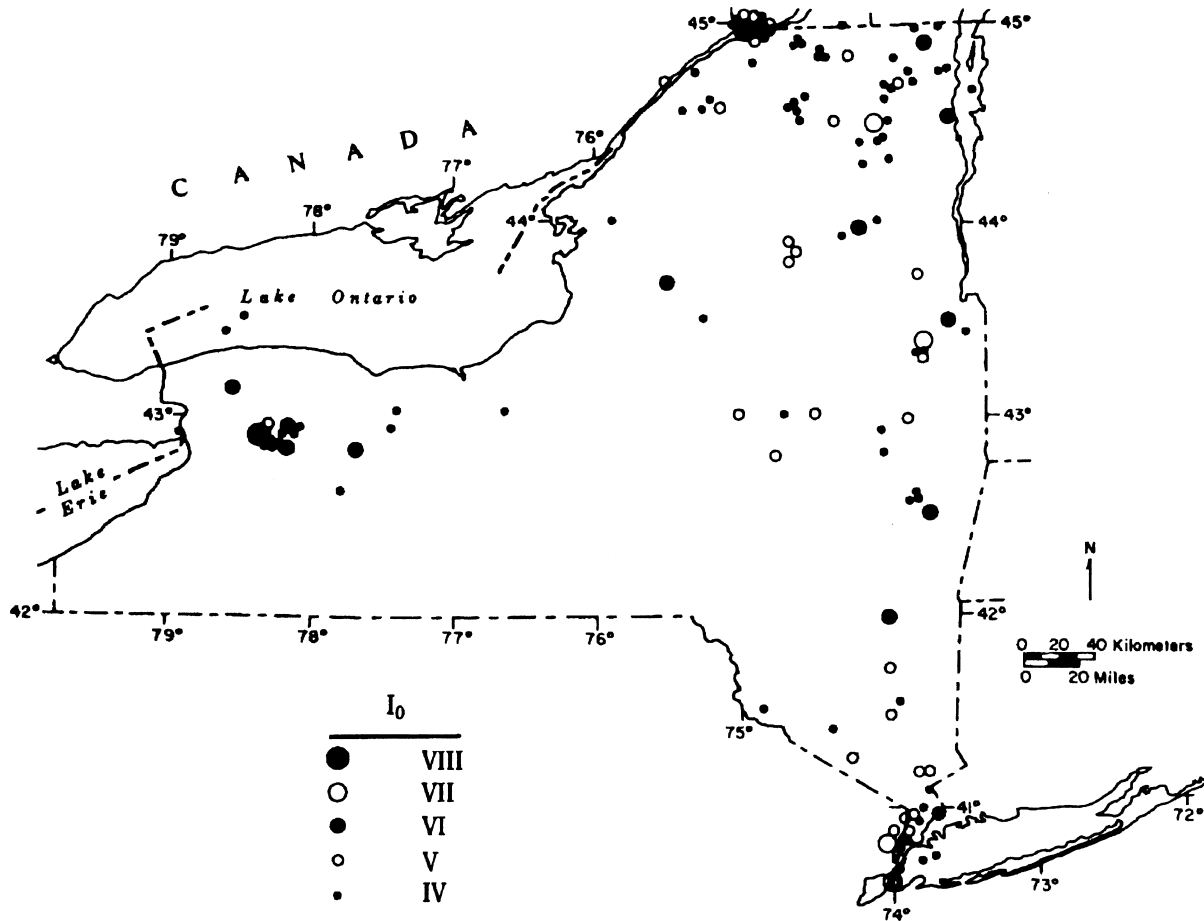
2 Damage uncertain.

3 Frostquake.

SOURCE: New York State Education Department, Geological Survey.

FIGURE O-2

**Location and Intensity of Significant Earthquakes
New York State — 1737-2008**



I₀ Maximum Modified Mercalli Intensity

SOURCE: New York State Education Department, Geological Survey.

Modified Mercalli Earthquake Intensity Scale

- I. Not felt except by a very few under especially favorable circumstances.
- II. Felt only by a few persons at rest, especially on upper floors of buildings. Delicately suspended objects may swing.
- III. Felt quite noticeably indoors, especially on upper floors of buildings but many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibration like passing of truck. Duration estimated.
- IV. During the day felt indoors by many, outdoors by few. At night some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.
- V. Felt by nearly everyone, many awakened. Some dishes, windows, etc., broken; a few instances of cracked plaster; unstable objects overturned. Disturbance of trees, poles and other tall objects sometimes noted. Pendulum clocks may stop.
- VI. Felt by all, many frightened and run outdoors. Some heavy furniture moved; a few instances of fallen plaster or damaged chimneys. Damage slight.
- VII. Everybody runs outdoors. Damage negligible in building of good design and construction; slight to moderate in well-built ordinary structures; considerable in poorly built or badly designed structures; some chimneys broken. Noticed by persons driving motor cars.
- VIII. Damage slight in specially designed structures; considerable in ordinary substantial buildings, with partial collapse; great in poorly built structures. Panel walls thrown out of frame structure. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned. Sand and mud ejected in small amounts. Changes in well water. Persons driving motor cars disturbed.
- IX. Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb; great in substantial buildings, with partial collapse. Buildings shifted off foundations. Ground cracked conspicuously. Underground pipes broken.
- X. Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations; ground badly cracked. Rails bent. Landslides considerable from river banks and steep slopes. Shifted sand and mud. Water splashed (slopped) over banks.
- XI. Few, if any, (masonry) structures remain standing. Bridges destroyed. Broad fissures in ground. Underground pipelines completely out of service. Earth slumps and land slips in soft ground. Rails bent greatly.
- XII. Damage total. Practically all works of construction are damaged greatly or destroyed. Waves seen on ground surface. Lines of sight and level are distorted. Objects are thrown upward into the air.

TABLE O-31

**Air Pollution by Types of Contaminant
New York State
1964-2008**

Year	All Suspended Particulates ¹			Carbon Monoxide				Ozone Number of Days During Which One or More of the One-Hour Averages Exceeded NYS Standard ⁶
	Annual Geometric Mean ² (m/cm) ³	Number of Sites in Violation	Sulfur Dioxide (ppm) ⁴	Number of Times a Running 8-hour Average Exceeded NYS Standard ⁵		Number of Days During Which a Running 8-hour Average Exceeded NYS Standard ⁵		
				NYC ⁷	NYS ⁸	NYC ⁷	NYS ⁸	
1964	96.0							
1965	92.5							
1966	89.0	48						
1967	82.5	57						
1968	79.0	62						
1969	72.5	57						
1970	73.0	67	0.036					
1971	76.2	77	0.034					
1972	71.2	59	0.021					
1973	68.9	52	0.019					19
1974	63.4	36	0.019					35
1975	56.2	23	0.016					37
1976	57.1	8	0.015					47
1977	51.6	14	0.017					45
1978	50.5	9	0.015					36
1979	51.7	4	0.016					37
1980	54.9	3	0.015					41
1981	51.4	6	0.014	52	5	43	5	24
1982	44.6	2	0.014	21	4	21	4	20
1983	39.4	—	0.013	22	2	20	2	36
1984	44.7	—	0.013	23	4	23	3	17
1985	41.6	—	0.012	4	—	4	—	15
1986	40.5	—	0.012	2	1	2	1	9
1987	44.3	—	0.011	1	2	1	2	20
1988	44.1	—	0.012	—	1	—	1	33
1989	43.0	—	0.012	2	—	2	—	8
1990	35.9	—	0.011	4	—	3	—	9
1991	37.8	—	0.011	2	—	2	—	15
1992	32.9	—	0.009	—	—	—	—	2
1993	32.3	—	0.008	—	—	—	—	9
1994	39.3	—	0.008r	—	—	—	—	8
1995	37.5	—	0.006	1	—	1	—	8
1996	35.6	—	0.006	—	—	—	—	4
1997	34.8	—	0.006	—	—	—	—	8
1998	36.0	—	0.006	—	—	—	—	3
1999	42.2a	—	0.007	—	—	—	—	10
2000	41.1a	—	0.007	—	—	—	—	1
2001r	37.8a	—	0.007	—	—	—	—	5
2002	34.3a	—	0.006	—	—	—	—	11
2003	34.3a	—	0.006	—	—	—	—	5
2004	30.7a	—	0.005	—	—	—	—	1
2005	NA	—	0.005	—	—	—	—	4
2006	b	—	0.005	—	—	—	—	5
2007	b	—	0.005	—	—	—	—	4
2008	b	—	0.004	—	—	—	—	4

— Represents zero.

r Revised.

NA Not available.

a No longer representative, only 2 monitoring sites.

b Total Suspended Particulate Matter (TSP) monitoring terminated in 2005.

1 Any matter, solid or liquid, dispersed into the atmosphere and capable of being collected by a high-volume air sampler.

2 Annual geometric mean: 50 percent of the values sampled during the year are higher and 50 percent are lower.

3 Micrograms of contaminant per cubic meter of air.

4 Parts (of contaminant) per million parts of air by volume.

5 NYS Ambient Air Quality Standard of 9 ppm (parts per million parts of air).

6 NYS Ambient Air Quality Standard of 0.12 ppm (parts per million parts of air). Readings are taken from continuous sampling stations.

7 Midtown Manhattan Traffic Site — 110 East 45th Street (1981-1989); Alexander's Department Store — 59th Street (1990-1991); Bloomingdale's (1992-1995); Brooklyn Transit (1984-1995).

8 Statewide (excluding Traffic Sites).

SOURCE: New York State Department of Environmental Conservation, Division of Air Resources.

TABLE O-32

**Air Pollution Sources by Permit Type
New York State by County
As of April 1, 2009**

County	Title V ¹	State Facility	Registration
New York State	465	884	7,094
New York City	117	205	3,909
Bronx	21	36	487
Kings	33	52	953
New York	29	64	1,336
Queens	30	40	984
Richmond	4	13	149
Rest of State	348	679	3,185
Albany	13	18	67
Allegany	4	2	11
Broome	6	10	42
Cattaraugus	2	14	33
Cayuga	5	3	21
Chautauqua	9	17	39
Chemung	5	7	26
Chenango	2	5	15
Clinton	3	9	22
Columbia	2	5	8
Cortland	1	9	16
Delaware	3	7	19
Dutchess	3	21	60
Erie	29	63	215
Essex	1	3	8
Franklin	1	6	4
Fulton	2	5	19
Genesee	3	4	24
Greene	3	8	5
Hamilton	—	—	—
Herkimer	3	9	15
Jefferson	6	12	15
Lewis	4	11	12
Livingston	2	3	14
Madison	1	2	20
Monroe	17	37	124
Montgomery	1	17	19
Nassau	19	19	526
Niagara	16	28	59
Oneida	7	26	42
Onondaga	12	20	112
Ontario	7	6	28
Orange	19	20	106
Orleans	1	9	9
Oswego	9	5	23
Otsego	—	3	15
Putnam	1	4	19
Rensselaer	8	9	22
Rockland	9	17	112
St. Lawrence	7	23	20
Saratoga	4	12	41
Schenectady	4	11	20
Schoharie	1	4	9
Schuyler	2	2	6
Seneca	2	7	14
Steuben	6	14	25
Suffolk	42	49	608
Sullivan	1	8	7
Tioga	—	3	11
Tompkins	4	2	15
Ulster	3	12	35
Warren	3	7	9
Washington	6	13	13
Wayne	5	6	24
Westchester	14	28	367
Wyoming	4	5	9
Yates	1	—	6

— Represents zero.

SOURCE: New York State Department of Environmental Conservation,
Division of Air Resources.

1 Title V permits are issued under the authority of the Clean Air Act
Amendments of 1990 to major sources of air pollution.

TABLE O-33

Active Solid Waste Disposal Sites¹
New York State by County
Selected Years 1970-2009

County	1970	1982	1984	1986	1988	1990	1992	1994	2000	2005	2009	Permitted Landfills ²
New York State	861	524	511	354	263	220	127	67	53	42	46	39
New York City	6	5	3	2	2	2	1	1	1	—	—	—
Rest of State	855	519	508	352	261	218	126	66	52	42	46	39
Albany	12	13	12	8	5	5	4	3	3	3	3	1
Allegany	16	9	9	2	1	1	1	1	2	2	2	2
Broome	10	4	4	3	3	2	2	2	2	1	1	1
Cattaraugus	36	5	5	4	2	—	—	—	—	—	—	—
Cayuga	22	10	10	9	6	1	1	1	1	1	1	1
Chautauqua	14	3	3	4	3	2	2	2	2	2	2	2
Chemung	11	2	2	2	1	1	1	1	1	1	1	1
Chenango	18	9	9	8	7	6	2	1	1	1	1	1
Clinton	14	4	4	3	3	3	2	1	1	1	1	1
Columbia	13	14	14	5	1	—	—	—	—	—	—	—
Cortland	12	2	2	3	1	1	1	1	1	1	1	1
Delaware	16	5	5	4	2	1	1	1	1	1	1	1
Dutchess	14	15	15	11	9	6	4	—	—	—	—	—
Erie	31	23	24	7	5	3	3	2	2	2	2	2
Essex	17	16	17	14	14	14	3	2	1	1	1	1
Franklin	17	16	16	16	16	15	2	1	1	1	1	1
Fulton	12	9	9	5	4	1	1	1	1	1	1	1
Genesee	11	6	6	2	1	1	1	1	1	—	1	—
Greene	6	6	6	5	4	4	4	1	1	1	1	—
Hamilton	9	8	8	6	5	5	5	2	—	—	—	—
Herkimer	14	7	6	5	3	3	1	1	1	—	—	—
Jefferson	21	12	13	13	7	6	5	2	2	1	1	1
Lewis	12	9	9	11	4	1	—	—	—	—	—	—
Livingston	16	5	5	3	2	1	1	1	1	—	—	—
Madison	12	1	1	1	1	1	1	2	1	1	1	1
Monroe	21	11	11	2	2	2	2	3	2	2	2	2
Montgomery	29	2	2	2	2	2	2	1	—	—	—	—
Nassau	10	11	11	2	1	1	—	—	—	—	—	—
Niagara	7	10	10	7	5	4	2	2	2	3	3	3
Oneida	17	10	8	6	4	4	2	1	—	—	1	1
Onondaga	23	17	17	14	5	4	2	—	—	—	—	—
Ontario	17	9	9	2	3	3	3	2	2	2	2	2
Orange	26	6	6	6	5	5	5	2	2	1	1	1
Orleans	9	2	2	1	1	—	—	—	—	—	—	—
Oswego	15	3	2	1	1	1	1	1	1	1	1	1
Otsego	17	10	10	7	1	1	—	—	—	—	—	—
Putnam	6	6	6	2	2	2	1	—	—	—	—	—
Rensselaer	15	16	16	12	13	10	8	1	1	1	1	—
Rockland	4	5	5	3	4	4	3	3	1	—	—	—
St. Lawrence	36	36	36	28	7	5	2	—	—	—	—	—
Saratoga	19	17	17	18	18	17	5	3	2	1	2	2
Schenectady	12	7	7	6	6	6	4	—	—	—	—	—
Schoharie	10	2	2	1	1	1	—	—	—	—	—	—
Schuyler	4	4	4	1	—	—	—	—	—	—	—	—
Seneca	12	8	8	1	1	1	1	1	1	1	1	1
Steuben	19	5	5	2	2	2	2	2	2	1	1	1
Suffolk	17	24	15	13	13	12	7	4	3	2	2	—
Sullivan	16	9	9	6	6	3	2	1	1	1	1	1
Tioga	6	3	3	3	2	2	1	—	—	—	—	—
Tompkins	3	2	2	1	1	1	1	1	1	1	1	1
Ulster	21	18	18	16	15	15	15	2	—	—	—	—
Warren	11	12	12	12	12	12	2	1	—	—	—	—
Washington	13	16	16	14	12	11	3	3	2	2	2	2
Wayne	13	11	11	6	3	1	—	—	—	—	—	—
Westchester	17	9	9	1	1	1	1	1	1	1	1	1
Wyoming	14	3	3	1	1	—	—	—	—	—	—	—
Yates	10	2	2	1	1	1	1	1	1	—	1	1

— Represents zero.

2 Operating under a Part 360 permit as of March 19, 2009.

1 Active sanitary, industrial, and ash monofill landfills. Does not include active construction and demolition debris landfills.

SOURCE: New York State Department of Environmental Conservation, Division of Solid and Hazardous Materials.

TABLE O-34

**Registry of Inactive Hazardous Waste Disposal Sites Listed by Class
New York State — As of March 31, 2009**

County	Total	Class ¹			
		2	3	4	5
New York State	872	516	75	264	17
New York City	49	40	4	3	2
Bronx	3	2	1	—	—
Kings	18	15	2	—	1
New York	1	1	—	—	—
Queens	18	14	1	3	—
Richmond	9	8	—	—	1
Rest of State	823	476	71	261	15
Albany	18	8	4	6	—
Allegany	6	2	—	2	2
Broome	24	16	1	7	—
Cattaraugus	14	6	1	6	1
Cayuga	5	4	1	—	—
Chautauqua	13	4	4	5	—
Chemung	10	7	1	2	—
Chenango	7	2	1	4	—
Clinton	7	2	—	5	—
Columbia	5	3	1	—	1
Cortland	5	4	—	1	—
Delaware	8	5	—	3	—
Dutchess	30	19	1	10	—
Erie	63	22	9	28	4
Essex	1	1	—	—	—
Franklin	1	—	—	1	—
Fulton	4	1	—	3	—
Genesee	5	3	—	2	—
Greene	6	4	2	—	—
Herkimer	12	6	2	3	1
Jefferson	5	4	—	1	—
Lewis	2	—	1	1	—
Livingston	5	5	—	—	—
Madison	4	2	1	1	—
Monroe	52	36	6	9	1
Montgomery	3	1	—	2	—
Nassau	87	74	2	11	—
Niagara	53	15	11	26	1
Oneida	28	16	1	9	2
Onondaga	39	19	5	15	—
Ontario	7	4	2	1	—
Orange	28	17	2	9	—
Orleans	8	8	—	—	—
Oswego	12	8	1	3	—
Otsego	2	2	—	—	—
Putnam	5	1	—	4	—
Rensselaer	15	8	1	6	—
Rockland	17	13	—	3	1
St. Lawrence	19	4	—	15	—
Saratoga	21	11	2	8	—
Schenectady	13	9	2	2	—
Schoharie	2	2	—	—	—
Schuyler	2	1	—	1	—
Seneca	7	3	1	3	—
Steuben	10	4	1	5	—
Suffolk	56	41	—	14	1
Sullivan	2	1	—	1	—
Tioga	8	4	—	4	—
Tompkins	9	7	1	1	—
Ulster	13	8	1	4	—
Warren	4	4	—	—	—
Washington	9	7	—	2	—
Wayne	3	1	1	1	—
Westchester	23	14	—	9	—
Wyoming	4	2	1	1	—
Yates	2	1	—	1	—

NOTE: There are no sites classified as Class 1 in New York State.

— Represents zero.

1 Definitions of Classes:

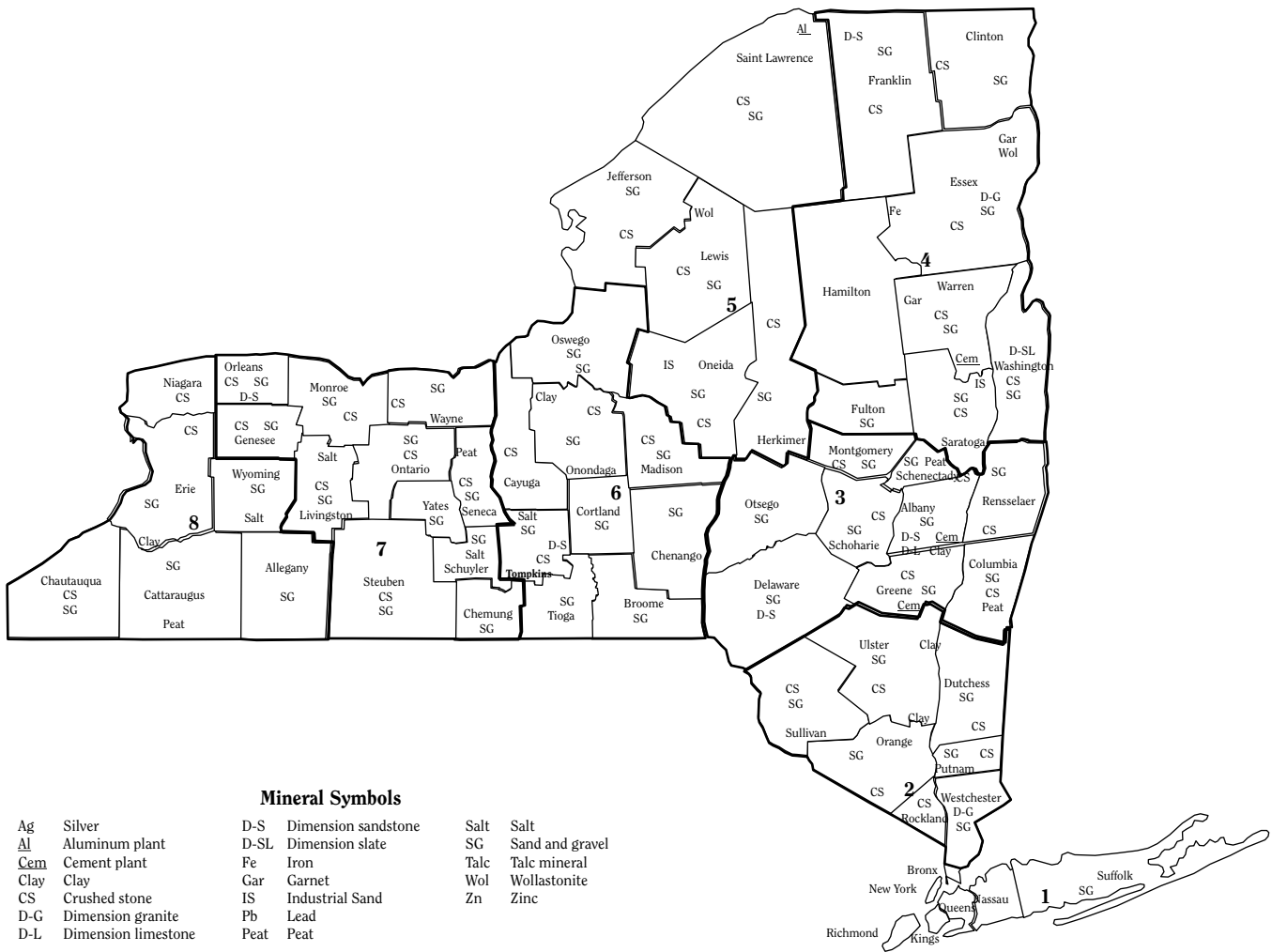
- 1 Immediate Action Required: Site causes or presents an imminent danger of irreparable damage to public health or the environment.
- 2 Action Required: Site is a significant threat to public health or the environment.
- 3 Action May be Deferred: Site contains hazardous waste but does not present a significant threat to public health or the environment.

4 Requires Continued Management: Site has been properly closed or remediated but requires continued operation, maintenance, and/or monitoring.

5 No Further Action Required: Site has been properly closed or remediated and requires no further operation, maintenance, and monitoring. However, the site is unsuitable for delisting due to residual contamination.

SOURCE: New York State Department of Environmental Conservation, Division of Environmental Remediation.

Figure O-3
Mineral Resources
New York State — 2009



SOURCE: New York State Geological Survey/U.S. Geological Survey.

