



Section M

Transportation

Information on transportation-related topics in New York State — including highways; motor vehicles and licensing; bridges; public transportation; railroads; and airports and air transportation.

Highlights

- There were 10.5 million motor vehicles registered in New York State in 2005 with more than 83 percent of these passenger vehicles. Suffolk County had the highest number of registered motor vehicles at 808,985.
- There were 246,926 motor vehicle accidents in 2003, down 2.7 percent from the year before. The 1,477 fatalities from these accidents were 2.1 percent lower than in 2002.
- Town roads accounted for more than one-half of the 113,824 miles of highways in New York in 2005.
- Of the 19,514 bridges in New York as of April 2007, 6,288 were either deficient or closed, up from 6,254 in the previous year.
- 147 million vehicles used the New York State Thruway in 2006, with nearly 9 percent entering at the Washington Avenue barrier (Exit 24) in Albany.
- More than 2.6 billion traveled 733 million miles by public transit in 2006.
- There were nearly 42 million passenger enplanements in New York State in 2004, more than three-quarters of which were at J.F.K. and LaGuardia airports.

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TABLE M-1

**Highway Mileage by Functional Systems¹
and Urban and Rural Designations
United States by State — 2003(a)**

State	Mileage							
	Functional Systems							
	Urban	Rural	Total	Interstate	Other Freeways and Expressways	Arterial	Collector	Local
United States	981,276	3,000,236	3,981,512	46,572	10,246	388,523	790,038	2,746,133
Alabama	21,521	73,962	95,483	904	33	8,946	20,416	65,184
Alaska	2,095	12,012	14,107	1,082	—	1,512	2,825	8,688
Arizona	22,055	36,057	58,112	1,168	149	4,944	8,620	43,231
Arkansas	10,863	87,743	98,606	656	95	6,887	20,269	70,699
California	86,137	83,654	169,791	2,458	1,452	27,128	31,878	106,875
Colorado	18,465	68,631	87,096	956	315	8,915	16,271	60,639
Connecticut	15,006	6,137	21,143	346	236	2,773	3,144	14,644
Delaware	2,860	3,183	6,043	41	14	632	936	4,420
District of Columbia	1,500	—	1,500	13	22	264	152	1,049
Florida	78,272	41,257	119,529	1,471	549	12,844	14,384	90,281
Georgia	36,413	80,503	116,916	1,244	117	14,094	22,812	78,649
Hawaii	2,136	2,182	4,318	55	34	753	834	2,642
Idaho	4,620	42,480	47,100	612	—	3,916	10,009	32,563
Illinois	37,550	101,074	138,624	2,169	92	14,183	21,762	100,418
Indiana	20,600	73,997	94,597	1,169	136	7,963	22,663	62,666
Iowa	10,961	102,874	113,835	782	—	9,680	31,522	71,851
Kansas	10,859	124,157	135,016	874	141	9,209	33,322	91,470
Kentucky	11,977	65,386	77,363	762	65	5,856	16,063	54,617
Louisiana	14,814	46,128	60,942	903	45	5,542	9,947	44,505
Maine	2,641	20,108	22,749	367	19	2,249	5,979	14,135
Maryland	16,893	13,915	30,808	481	285	3,710	4,871	21,461
Massachusetts	27,856	7,927	35,783	573	296	6,186	4,825	23,903
Michigan	35,561	86,821	122,382	1,243	321	12,104	25,771	82,943
Minnesota	16,293	115,644	131,937	914	148	12,770	29,457	88,648
Mississippi	10,621	63,508	74,129	685	66	7,365	15,440	50,573
Missouri	18,331	107,592	125,923	1,181	342	9,982	24,819	89,599
Montana	2,754	66,698	69,452	1,192	—	6,039	16,367	45,854
Nebraska	5,922	87,323	93,245	482	21	8,027	20,747	63,968
Nevada	5,727	28,250	33,977	560	52	2,875	5,210	25,280
New Hampshire	3,036	12,594	15,630	235	37	1,609	2,789	10,960
New Jersey	31,151	6,971	38,122	431	402	5,761	4,156	27,372
New Mexico	7,958	56,046	64,004	1,000	5	5,084	8,483	49,432
New York	41,224	72,117	113,341	1,674	798	13,502	20,557	76,810
North Carolina	24,680	77,986	102,666	1,046	307	8,934	17,659	74,720
North Dakota	1,846	84,936	86,782	571	—	5,881	11,741	68,589
Ohio	44,479	80,273	124,752	1,574	485	10,887	22,556	89,250
Oklahoma	15,113	97,600	112,713	931	186	8,197	25,307	78,092
Oregon	12,358	53,503	65,861	728	55	6,995	17,761	40,322
Pennsylvania	44,416	76,207	120,623	1,757	534	13,187	19,807	85,338
Rhode Island	5,193	1,226	6,419	71	85	833	880	4,550
South Carolina	10,688	55,562	66,250	844	71	6,884	13,377	45,074
South Dakota	2,443	81,104	83,547	678	—	6,362	19,224	57,283
Tennessee	21,060	67,928	88,988	1,105	137	8,979	17,861	60,906
Texas	83,447	219,729	303,176	3,233	1,182	28,534	63,559	206,668
Utah	10,416	32,294	42,710	940	17	3,333	7,849	30,571
Vermont	1,396	12,972	14,368	320	20	1,303	3,133	9,592
Virginia	21,226	50,308	71,534	1,116	233	8,255	14,080	47,850
Washington	20,124	61,092	81,216	764	366	7,456	16,876	55,754
West Virginia	3,191	33,820	37,011	555	9	3,241	8,776	24,430
Wisconsin	21,980	91,719	113,699	743	269	12,323	21,306	79,058
Wyoming	2,548	25,046	27,594	913	3	3,635	10,986	12,057

— Represents zero.

a As of December 31.

1 Roads and streets are assigned to groups according to the character of service intended. The functional systems are (1) arterial highways that generally handle the long trips, (2) collector facilities that collect and disperse traffic between the arterials and the lower systems, and (3) local roads and streets that primarily serve direct access to residential areas, farms, and other local areas.

SOURCE: *Statistical Abstract of the United States, 2007*, www.census.gov/prod/2006pubs/07statab/trans.pdf (last viewed August 8, 2007); U.S. Federal Highway Administration, *Highway Statistics*, annual.

TABLE M-2
Motor Vehicle Registrations In Force
New York State — 1992-2005
(thousands)

Year	All Registrations ¹	Type of Registration				
		Passenger	Commercial ²	Motorcycle	Moped ³	Exempt ⁴
1992	8,988	7,308	949	168	17	21
1992	8,988	7,308	949	168	17	21
1993	9,110	7,431	950	160	16	22
1994	9,149	7,449	964	163	15	23
1995	9,177	7,456	971	165	13	NA
1996	9,235	7,446	983	163	12	NA
1997	10,027	8,163	1,170	178	11	17
1998	10,174	8,261	1,196	181	10	17
1999	10,437	8,448	1,232	191	9	18
2000	10,661	8,678	1,187	202	9	23
2001	10,707	8,803	1,130	218	10	27
2002r	10,580	8,736	1,069	229	10	25
2003r	10,414	8,667	1,008	241	10	50
2004	10,450	8,702	977	257	10	32
2005	10,477	8,736	941	273	10	43

r Revised.

NA Not available.

1 Includes vehicles registered in the following categories: ambulance, bus, farm, taxi, trailer, and rental cars not otherwise indicated. Does not include exempt registrations.

2 Includes pick-up trucks, vans, panel trucks, flatbed trucks, tank trucks, dump trucks, tow trucks, tractor-trailer power units, agricultural trucks, well-drillers, road rollers, and several other types of trucks.

3 Mopeds have a maximum speed of 40 mph. They are not a subset of motorcycles.

4 The number of exempt registrations actually issued is shown. These are not distributed in other categories.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-3
Motor Vehicle Registrations Issued
New York State
Selected Years 1930-91
(thousands)

Year	All Registrations ¹	Type of Registration				
		Passenger	Commercial ²	Motorcycle	Moped ³	Exempt ^{4,5}
1930	2,361	1,934	347	14	—	20
1935	2,395	2,006	315	13	—	26
1940	2,849	2,402	336	12	—	13
1945	2,454	2,004	321	12	—	31
1950	3,882	3,227	462	26	—	42
1955	4,808	4,105	489	21	—	50
1960	5,267	4,483	536	16	—	74
1965	6,227	5,254	598	45	—	92
1970	7,250	5,934	692	93	—	100
1971	7,421	6,097	702	84	—	100
1972	7,542	6,199	711	87	—	103
1973	7,896	6,455	760	97	—	104
1974	8,061	6,567	791	116	—	105
1975	8,204	6,673	825	122	—	105
1976	8,163	6,633	834	130	—	106
1977	8,255	6,701	847	135	8	107
1978	8,366	6,798	873	132	22	108
1979	8,506	6,904	923	145	33	109
1980	8,537	6,911	912	169	39	106
1981	8,664	7,000	926	161	42	107
1982	8,772	7,085	935	158	45	109
1983	8,975	7,217	962	164	49	110
1984	9,248	7,444	992	175	47	115
1985	9,654	7,713	1,045	217	45	28
1986	10,145	8,116	1,100	215	41	26
1987	10,256	8,137	1,144	208	38	28
1988	10,507	8,339	1,191	201	32	109a
1989	10,635	8,485	1,212	193	27	31
1990	10,781	8,609	1,249	188	24	27
1991b	10,364	8,283	1,156	190	21	20

— Represents zero.

NA Not available.

a Includes reissuance of exempt plates.

b The volumes for Standard Series and Commercial began to slide downward. This was the first manifestation of the two-year registration program.

1 Includes vehicles registered in the following categories: ambulance, bus, farm, taxi, trailer, and rental cars not otherwise indicated.

2 Includes pick-up trucks, vans, panel trucks, flatbed trucks, tank trucks, dump trucks, tow trucks, tractor-trailer power units, agricultural trucks, well-drillers, road rollers, and several other types of trucks.

3 Limited use motorcycle (moped) registration began on October 1, 1976, for Class A and B mopeds. For the period October 1-December 31,

1976, 35 Class A and B mopeds were registered. Moped registration for Class C mopeds began on July 1, 1977. Limited use motorcycles are classified according to performance:

A: Maximum speed of more than 30, but not more than 40 mph.

B: Maximum speed of more than 20, but not more than 30 mph.

C: Maximum speed of not more than 20 mph.

4 Until 1975, estimates of exempt registrations in force are included with the other registrations in their appropriate categories. For the years 1976 to 1984, estimates of exempt registrations in force are not included in other appropriate categories.

5 Beginning in 1985, the number of exempt registrations actually issued is shown. These are not distributed or included in other categories.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-4

**Motor Vehicle Registrations Issued by Type of Vehicle
New York State by County of Residence — 2005**

County of Residence	All Paid Registrations ¹	Type of Vehicle			
		Passenger	Commercial	Motorcycle	Moped
All Registrations ^{2,3}	7,344,977	5,303,610	666,374	272,859	10,713
New York State ²	7,219,528	5,252,461	642,129	272,009	10,649
New York City	1,240,783	1,054,566	54,263	29,105	2,036
Bronx	164,031	144,929	6,254	2,873	189
Kings	269,466	228,636	13,128	5,816	468
New York	159,488	134,662	7,727	6,450	711
Queens	484,019	401,349	23,097	9,285	539
Richmond	163,779	144,990	4,057	4,681	129
Rest of State	5,978,745	4,197,895	587,866	242,904	8,613
Albany	146,229	104,879	14,791	5,655	128
Allegany	27,535	14,495	5,197	1,274	56
Broome	107,802	73,026	13,669	4,108	118
Cattaraugus	46,565	25,935	8,491	2,459	66
Cayuga	47,523	25,901	7,900	2,158	103
Chautauqua	75,758	45,343	11,422	3,750	112
Chemung	48,841	31,015	6,099	2,127	90
Chenango	33,727	18,586	5,460	1,898	51
Clinton	52,730	27,750	7,212	2,814	89
Columbia	41,987	26,856	5,191	1,928	56
Cortland	27,197	15,350	4,481	1,507	54
Delaware	35,551	19,892	5,765	1,708	52
Dutchess	168,409	125,146	11,759	7,832	167
Erie	462,159	322,321	45,979	17,006	625
Essex	27,150	13,672	4,351	1,304	45
Franklin	32,646	15,797	5,148	1,592	44
Fulton	35,589	19,813	4,563	1,762	67
Genesee	38,364	21,173	6,557	1,713	88
Greene	35,388	21,346	4,348	2,166	64
Hamilton	5,180	2,269	870	252	17
Herkimer	38,781	20,980	6,037	2,354	94
Jefferson	65,624	32,899	10,500	2,520	171
Lewis	20,866	8,417	4,078	827	73
Livingston	40,299	22,042	6,902	1,900	60
Madison	43,026	23,089	7,368	2,283	87
Monroe	375,681	271,980	34,949	13,125	523
Montgomery	31,689	18,226	4,598	1,674	53
Nassau	613,504	537,155	21,450	16,366	703
Niagara	122,431	78,277	13,522	5,918	238
Oneida	128,637	78,908	16,570	6,439	210
Onondaga	240,143	161,936	30,571	8,822	303
Ontario	66,459	37,719	9,922	3,084	124
Orange	197,259	143,381	16,117	9,443	184
Orleans	26,551	14,702	4,062	1,137	67
Oswego	78,108	40,806	12,083	3,597	120
Otsego	38,578	21,993	6,142	1,918	88
Putnam	61,996	48,345	3,394	3,080	39
Rensselaer	85,731	55,923	10,489	4,498	69
Rockland	136,419	116,047	5,250	4,745	97
St. Lawrence	73,366	33,363	11,491	2,813	237
Saratoga	132,501	82,539	15,274	6,544	171
Schenectady	85,582	59,681	8,655	3,777	110
Schoharie	23,729	12,839	3,806	1,456	33
Schuyler	13,141	6,833	2,301	766	49
Seneca	22,195	11,828	3,430	970	106
Steuben	61,751	34,473	10,083	3,070	118
Suffolk	808,985	633,000	52,765	30,161	1,152
Sullivan	51,628	32,952	5,736	2,410	93
Tioga	32,634	18,992	5,218	1,391	26
Tompkins	45,104	29,043	6,072	2,142	92
Ulster	112,392	75,803	11,748	6,212	129
Warren	45,109	25,907	6,073	2,240	86
Washington	40,993	21,090	7,288	2,284	50
Wayne	65,245	34,598	10,118	3,593	179
Westchester	412,988	360,179	16,270	12,177	479
Wyoming	27,284	13,352	5,313	1,446	37
Yates	16,006	8,033	2,968	709	71
Out of State	125,449	51,149	24,245	850	64

NOTE: Standard Series and most Commercial vehicles are now registered for two years; thus about half of these registrations are renewed each year.

1 Includes registrations for vehicles in the following categories: ambulance, bus, farm, taxi, trailer, and rental car not elsewhere included.

2 Does not include registrations issued for State, county, and municipal vehicles, which are exempt.

3 Includes Out of State registrations.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-5

Motor Vehicle Registrations in Force by Type of Vehicle New York State by County of Residence — 2005

County of Residence	All Registrations In Force ¹	Type of Vehicle			
		Passenger	Commercial	Motorcycle	Moped
All Registrations ^{2,3}	10,476,513	8,735,508	940,769	272,779	10,434
New York State ²	10,350,330	8,685,677	907,582	272,249	10,373
New York City	1,856,524	1,672,758	72,288	28,697	1,940
Bronx	232,189	214,812	8,176	2,712	156
Kings	402,807	363,450	17,502	5,870	482
New York	242,200	217,094	10,950	6,548	652
Queens	723,534	638,948	30,093	9,042	529
Richmond	255,794	238,454	5,567	4,525	121
Rest of State	8,493,806	7,012,919	835,294	243,552	8,433
Albany	214,150	177,415	21,484	5,685	129
Allegany	35,817	24,863	7,335	1,317	56
Broome	153,137	123,245	18,987	4,182	107
Cattaraugus	61,994	44,187	12,141	2,572	62
Cayuga	62,228	44,007	11,269	2,267	106
Chautauqua	100,877	75,626	15,850	3,847	102
Chemung	67,732	53,000	9,005	2,208	81
Chenango	43,682	31,362	7,567	1,958	54
Clinton	66,380	48,095	10,318	2,916	82
Columbia	57,847	44,886	7,288	2,005	81
Cortland	35,801	26,034	6,190	1,559	48
Delaware	45,750	33,111	7,980	1,708	52
Dutchess	241,531	207,359	16,509	7,587	186
Erie	656,920	536,471	65,484	17,125	645
Essex	33,599	23,432	6,267	1,374	47
Franklin	38,945	27,189	7,362	1,588	40
Fulton	44,756	33,498	6,538	1,825	68
Genesee	50,382	35,865	9,220	1,758	97
Greene	47,669	36,113	6,004	2,165	63
Hamilton	6,087	3,845	1,304	253	15
Herkimer	49,306	35,239	8,583	2,430	88
Jefferson	82,384	57,927	15,227	2,658	173
Lewis	22,995	14,310	5,946	871	66
Livingston	52,522	37,567	9,596	1,883	62
Madison	55,563	38,762	10,466	2,340	85
Monroe	542,878	452,354	50,082	12,688	456
Montgomery	41,655	30,788	6,297	1,678	61
Nassau	963,360	896,185	30,011	16,061	687
Niagara	166,355	132,134	19,090	6,139	236
Oneida	172,067	131,619	24,012	6,511	205
Onondaga	340,326	270,589	42,824	8,769	266
Ontario	88,061	64,617	14,275	3,112	123
Orange	282,917	237,280	22,977	9,243	200
Orleans	33,272	24,332	5,483	1,182	59
Oswego	94,885	67,743	17,264	3,748	139
Otsego	50,255	36,992	8,452	1,995	76
Putnam	90,940	79,542	4,846	3,168	42
Rensselaer	121,331	95,633	15,061	4,641	68
Rockland	209,739	191,833	7,845	4,584	98
St. Lawrence	83,640	56,790	16,696	2,942	237
Saratoga	183,104	143,322	22,129	6,652	160
Schenectady	123,116	100,719	12,776	3,797	92
Schoharie	30,261	21,603	5,143	1,428	34
Schuyler	16,439	11,441	3,117	808	45
Seneca	27,772	19,585	4,798	981	92
Steuben	80,772	58,413	14,217	3,183	117
Suffolk	1,196,035	1,043,837	75,010	29,541	1,108
Sullivan	67,608	52,743	7,816	2,383	68
Tioga	43,468	32,357	7,517	1,414	29
Tompkins	63,259	49,512	8,541	2,159	101
Ulster	157,020	126,359	16,538	6,141	135
Warren	59,547	44,260	8,835	2,285	74
Washington	52,867	36,410	10,091	2,357	49
Wayne	82,651	58,576	14,195	3,692	177
Westchester	645,637	595,830	23,635	11,957	486
Wyoming	34,649	22,612	7,670	1,503	43
Yates	19,866	13,501	4,131	729	75
Out of State	126,167	49,821	33,181	530	61
County Unknown	16	10	6	—	—

NOTE: This report of Vehicle Registrations in Force is a new report showing the numbers of vehicles with active registrations on record in New York State as numbers of registrations in force. However, the report of Registrations Issued includes all original and renewal registrations issued during a year. It does not reflect such factors as attrition and multiple original and renewal transactions for some vehicles during the year. Because of the conversion of passenger and most commercial vehicles from annual to two-year registrations, the annual report of Registrations Issued after 1991 should not be used to estimate the numbers of vehicle registrations in effect during the year. We believe that the report of Vehicle Registrations in Force is the appropriate report to use for such purposes. Users of both reports

should be aware that differences between the numbers of Registrations Issued and Registrations in Force are the result of different methods used to generate the reports.

— Represents zero.

- 1 Includes registrations for vehicles in the following categories: ambulance, bus, farm, taxi, trailer, and rental car not elsewhere included.
- 2 Does not include registrations in force for State, county, and municipal vehicles, which are exempt from a registration fee.
- 3 Includes Out of State registrations and County Unknown registrations.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-6
Motor Vehicle Driver Licenses
New York State
Selected Years 1930-2005

Year	Licenses Issued ¹ (thousands)			Licenses on File
	Total	Original	Renewal ²	
1930	2,900	NA	NA	2,842
1935	3,396	NA	NA	3,329
1940	3,322	NA	NA	3,902
1945	830	236	594	4,377
1950	1,130	418	712	5,290
1955	3,261	417	2,844	6,200
1960	1,931	333	1,598	7,006
1965	2,427	402	2,025	7,402
1970	3,165	472	2,693	8,058
1971	2,799	478	2,321	8,281
1972	2,794	512	2,282	8,453
1973	3,235	497	2,738	8,547
1974a	2,926	492	2,434	8,732
1975	2,961	496	2,465	8,850
1976	3,232	467	2,765	8,935
1977	2,402	424	1,978	8,970
1978	2,477	421	2,056	9,126
1979	2,551	426	2,125	9,186
1980	2,323	401	1,922	9,240
1981	2,263	409	1,854	9,249
1982	2,561	412	2,149	9,329
1983	2,605	415	2,190	9,610
1984	2,405	421	1,984	9,716
1985	2,415	463	1,952	9,841
1986	2,708	480	2,228	9,947
1987	2,683	494	2,189	10,029
1988	2,497	480	2,017	10,143
1989	2,498	450	2,048	10,178
1990	2,770	447	2,322	10,254
1991	2,731	471	2,260	10,267
1992	2,593	451	2,143	10,360
1993	2,667	459	2,208	10,327
1994	NA	NA	NA	10,377
1995	2,644	338	2,306	10,406
1996	2,523	362	2,162	10,484
1997	2,672	408	2,264	10,529
1998	2,855	356	2,499	10,554
1999	2,768	374	2,394	10,627
2000b	1,180	383	797	10,871
2001	1,763	200	1,563	11,015
2002	2,024	180	1,844	11,022
2003	2,707	171	2,535	11,357
2004	2,567	176	2,391	11,247
2005	1,076	173	903	11,072

NOTE: The numbers of Original licenses and license Renewals were estimated for certain years due to computer programming anomalies. The Total, however, is actual.

NA Not available.

a In April 1974, the Department began to issue 4-year licenses that expire in the driver's month of birth. Effective beginning with drivers whose licenses expired in March 1983, the expiration date was changed from the month of birth to the driver's birthday.

b Starting April 1, 2000, New York State drivers renewing Class D, M, or DM licenses which expire on or after June 1, 2000, will receive licenses valid for 8 years rather than 5 years.

1 Includes all classes of driver licenses.

2 The year-to-year volume of renewals varies considerably because 3-year licenses have one high-volume and two lower-volume years. Since 1977, there have been similar cyclical variations in the yearly renewal volumes for 4-year licenses.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-7
Motor Vehicle Driver Licenses
New York State by County of Issuance — 2005

County of Issuance	Licenses Issued ¹			Licenses on File ³
	Total	Original ²	Renewal	
New York State	1,075,880	173,348	902,532	11,071,911
New York City	285,792	67,239	218,553	3,200,782
Rest of State	790,088	106,109	683,979	7,871,129
Albany	59,434	5,647	53,787	197,874
Allegany	1,742	293	1,449	32,633
Broome	12,787	2,505	10,282	141,966
Cattaraugus	6,988	1,147	5,841	57,757
Cayuga	4,823	697	4,126	54,849
Chautauqua	9,774	1,809	7,965	94,985
Chemung	4,671	882	3,789	61,585
Chenango	2,583	443	2,140	37,762
Clinton	5,277	1,019	4,258	55,760
Columbia	3,628	700	2,928	47,814
Cortland	3,661	542	3,119	32,181
Delaware	4,082	703	3,379	37,721
Dutchess	17,841	3,189	14,652	208,083
Erie	34,377	5,027	29,350	634,643
Essex	1,776	391	1,385	28,570
Franklin	3,314	688	2,626	34,163
Fulton	3,118	523	2,595	39,902
Genesee	4,319	651	3,668	43,774
Greene	2,583	437	2,146	37,747
Hamilton	352	88	264	4,836
Herkimer	3,156	451	2,705	45,016
Jefferson	6,153	2,129	4,024	70,069
Lewis	1,674	243	1,431	19,536
Livingston	4,395	580	3,815	44,802
Madison	5,080	862	4,218	50,096
Monroe	40,633	7,248	33,385	505,696
Montgomery	2,453	379	2,074	35,522
Nassau	55,089	7,501	47,588	977,518
Niagara	18,507	3,139	15,368	156,446
Oneida	165,563	1,677	163,886	158,935
Onondaga	22,734	4,028	18,706	316,850
Ontario	6,048	1,098	4,950	76,163
Orange	20,190	4,242	15,948	245,126
Orleans	2,812	363	2,449	29,382
Oswego	8,118	1,166	6,952	85,739
Otsego	3,948	715	3,233	44,152
Putnam	8,831	1,611	7,220	76,499
Rensselaer	9,561	1,923	7,638	108,995
Rockland	14,395	2,917	11,478	206,296
St. Lawrence	15,241	3,344	11,897	160,978
Saratoga	8,073	1,435	6,638	113,446
Schenectady	2,618	433	2,185	23,928
Schoharie	1,455	276	1,179	13,746
Schuyler	2,319	463	1,856	24,130
Seneca	6,804	1,113	5,691	73,940
Steuben	6,703	1,341	5,362	71,481
Suffolk	81,399	12,038	69,361	1,071,276
Sullivan	4,114	758	3,356	56,548
Tioga	2,988	720	2,268	38,119
Tompkins	6,755	2,019	4,736	61,418
Ulster	8,283	1,451	6,832	133,229
Warren	4,124	815	3,309	51,247
Washington	4,766	826	3,940	44,243
Wayne	3,302	517	2,785	68,626
Westchester	41,108	8,366	32,742	637,397
Wyoming	1,986	285	1,701	29,630
Yates	1,393	221	1,172	16,883
County Unknown	187	35	152	43,421

1 Includes all classes of licenses.

2 A first-time license in New York State.

3 County of Residence.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-8

Motor Vehicle Accidents and Accident Rates New York State — 1979-2003

Year	Accidents ¹			Persons Killed	Persons Injured	Estimated Population ³	Motor Vehicles Registered	Estimated Million Vehicle Miles of Travel ⁴
	Total	Fatal and Injury	Property Damage ²					
1979	281,159	176,996	104,163	2,377	257,119	18,082,565	8,505,583	77,820
1980	269,747	174,977	94,770	2,619	257,823	17,558,072	8,536,935	77,620
1981	268,099	176,470	91,629	2,508	260,649	17,601,363	8,663,742	79,130
1982	268,295	172,635	95,660	2,147	252,959	17,664,649	8,772,109	80,483
1983	270,688	173,769	96,919	2,077	251,333	17,687,943	8,975,390	83,770
1984	285,939	182,715	103,224	2,064	266,426	17,731,229	9,247,818	87,030
1985	292,804	185,622	107,182	1,995	264,870	17,774,520	9,654,204	90,850
1986	294,050	195,643	98,407	2,114	281,914	17,824,226	10,144,950	94,950
1987	303,809	199,406	104,403	2,328	288,350	17,873,932	10,256,148	100,100
1988	312,765	201,966	110,799	2,237	293,705	17,923,638	10,507,196	103,370
1989	321,696	205,629	116,067	2,263	298,629	17,973,344	10,634,771	106,060
1990	308,107	200,742	107,365	2,211	294,565	17,990,455	10,780,683	106,900
1991	274,875	191,117	83,758	1,988	280,282	18,031,466	10,364,308	107,650
1992	258,596	195,041	63,555	1,808	288,819	18,071,135	8,987,697	109,870
1993	257,209	194,210	62,999	1,774	291,264	18,110,891	9,109,590	112,250
1994	259,184	192,888	66,296	1,669	288,667	18,169,051	9,149,276	112,980
1995	253,136	190,758	62,378	1,670	287,074	18,136,081	9,176,688	115,170
1996	250,521	187,121	63,400	1,590	285,731	18,184,774	9,235,437	118,400
1997a	263,604	184,014	79,590	1,630	280,871	18,137,226	10,027,422	119,800
1998	306,646	183,161	123,485	1,505	281,541	18,184,774	10,173,646	123,370
1999	356,981	184,228	172,753	1,585	282,179	18,196,601	10,436,939	126,500
2000	392,245	190,128	202,117	1,444	292,664	18,976,457	10,661,161	125,750
2001	331,979	180,203	151,776	1,554	267,905	19,074,843	10,706,563	130,830
2002	253,710	180,522	73,188	1,509	262,884	19,134,293	10,445,409	133,058
2003	246,926	168,865	78,061	1,477	242,173	19,212,425	10,414,200	135,647

--- Accident Rates ---

Year	Per 10,000 Population			Per 10,000 Registrations			Per 100 Million Vehicle Miles of Travel		
	Fatal and Injury Accidents	Persons Killed	Persons Injured	Fatal and Injury Accidents	Persons Killed	Persons Injured	Fatal and Injury Accidents	Persons Killed	Persons Injured
1979	97.9	1.3	142.2	208.1	2.8	302.3	227.4	3.1	330.4
1980	99.7	1.5	146.8	205.0	3.1	302.0	225.4	3.4	333.4
1981	100.3	1.4	148.1	203.7	2.9	300.9	223.0	3.2	329.4
1982	97.7	1.2	143.2	196.8	2.4	288.4	214.5	2.7	314.3
1983	98.2	1.2	142.1	193.6	2.3	280.0	207.4	2.5	300.0
1984	103.0	1.2	150.3	197.6	2.2	288.1	209.9	2.4	306.1
1985	104.4	1.1	149.0	192.3	2.1	274.4	204.3	2.2	291.5
1986	109.8	1.2	158.2	192.8	2.1	277.9	206.0	2.2	296.9
1987	111.6	1.3	161.3	194.4	2.3	281.2	199.2	2.3	288.1
1988	112.7	1.2	163.9	192.2	2.1	279.5	195.4	2.2	284.1
1989	114.4	1.3	166.2	193.4	2.1	280.8	193.9	2.1	281.6
1990	111.6	1.5	163.7	186.2	2.1	273.2	187.8	2.1	275.6
1991	106.0	1.1	155.4	184.4	1.9	270.4	177.5	1.9	260.4
1992	107.9	1.0	159.8	217.0	2.0	321.3	177.5	1.7	262.9
1993	107.2	1.0	160.8	213.2	2.0	319.7	173.0	1.6	259.5
1994	106.2	0.9	158.9	210.8	1.8	315.5	170.7	1.5	255.5
1995	105.2	0.9	158.3	207.9	1.8	312.8	165.6	1.5	249.3
1996	102.9	0.9	157.1	202.6	1.7	309.4	158.0	1.3	241.3
1997	101.5	0.9	154.9	183.5	1.6	280.1	153.6	1.4	234.4
1998	100.7	0.8	154.8	180.0	1.5	276.7	148.5	1.2	228.2
1999	101.2	0.9	155.1	176.5	1.5	270.4	145.6	1.3	223.1
2000	100.2	0.8	154.2	178.3	1.4	274.5	151.2	1.1	232.7
2001	94.5	0.8	140.4	168.3	1.5	250.2	137.7	1.2	204.8
2002	94.3	0.8	137.4	172.8	1.4	251.7	135.7	1.1	197.6
2003	87.9	0.8	126.1	162.1	1.4	232.5	124.5	1.1	178.5

a The Vehicle and Traffic Law was amended in April 1997 to provide statutory authority for police officers to report accidents which, in their judgment, appear to meet the reporting criteria for property damage (i.e., damage in excess of \$1,000 to the property of any one individual). Now, accidents are classified as reportable accidents when police check the box that indicates that it meets the criteria for reporting a property damage accident. As a result, reportable accidents that include a police report and involved only property damage have increased.

1 Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since the changes resulted in fewer property damage crashes being in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.

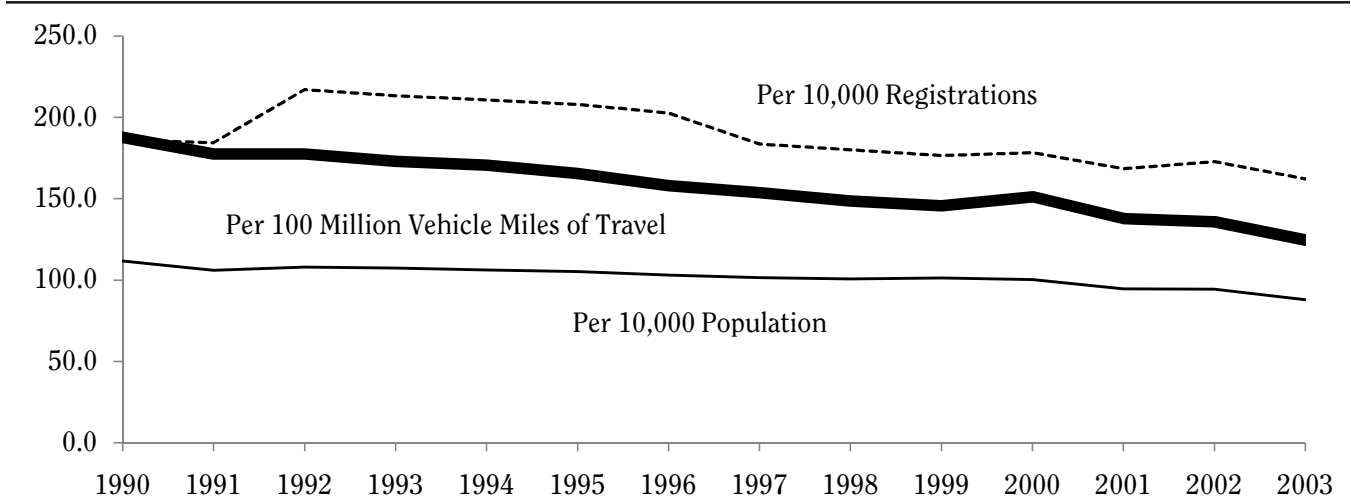
2 The reporting threshold of property damage accidents changed on September 1, 1978, from \$200 to \$400, and on September 1, 1985, from \$400 to \$600, and on August 1, 1991, from \$600 to \$1,000.

3 Based on U.S. Bureau of the Census data. For 1976-1979, estimates were prepared by the New York State Department of Commerce, State Data Center; 1981-1984 based on interpolation of 1980 Census data; and for 1985, State Data Center estimates. 1986, 1987, and 1988 population figures are based on interpolation of 1985 and 1990 estimates by the State Data Center; 1991 and 1992 population figures are estimates based on the 1990 United States Census data. Population figures for 1993 and later are from the Population Distribution and Population Estimates Branches of the United States Bureau of the Census.

4 Estimates by the New York State Department of Transportation, some data prior to 1990, as revised on July 10, 1990.

SOURCE: New York State Department of Motor Vehicles

FIGURE M-1
Motor Vehicle Accident Rates
New York State — 1990-2003



SOURCE: New York State Department of Motor Vehicles.

TABLE M-9
Driver Licenses on File and Drivers in Accidents, by Severity of Accident
and by Age and Sex of Driver
New York State — 2003

Sex and Age of Driver	Licenses on File		Drivers Involved in Accidents			By Severity of Accident		
	Number	Percent	Number	Percent	Rate ¹	Fatal	Personal Injury	Property Damage Only ²
All Drivers	11,356,988	100.0%	403,591	100.0%	355	1,968	286,083	115,540
Male	5,950,007	52.4	249,482	61.8	419	1,472	178,375	69,635
Under 18	79,082	0.7	7,473	1.9	945	62	5,277	2,134
18-20	243,156	2.1	18,379	4.6	756	124	13,543	4,712
21-24	379,332	3.3	23,875	5.9	629	165	17,957	5,753
25-29	515,629	4.5	26,443	6.6	513	141	20,116	6,186
30-39	1,237,998	10.9	53,779	13.3	434	296	40,519	12,964
40-49	1,306,688	11.5	51,810	12.8	396	271	37,440	14,099
50-59	999,444	8.8	33,829	8.4	338	176	22,826	10,827
60-64	344,000	3.0	10,357	2.6	301	59	6,767	3,531
65-69	261,158	2.3	7,131	1.8	273	50	4,490	2,591
70-74	216,896	1.9	5,663	1.4	261	38	3,414	2,211
75-79	178,398	1.6	4,431	1.1	248	31	2,536	1,864
80 and over	188,226	1.7	4,264	1.1	227	58	2,534	1,672
Age Unknown	—	—	2,048	0.5	X	1	956	1,091
Female	5,406,981	47.6	153,903	38.1	285	444	107,621	45,838
Under 18	68,411	0.6	5,714	1.4	835	13	4,162	1,539
18-20	206,316	1.8	12,967	3.2	629	38	9,698	3,231
21-24	330,501	2.9	15,695	3.9	475	45	11,505	4,145
25-29	458,571	4.0	15,607	3.9	340	30	11,755	3,822
30-39	1,108,752	9.8	32,632	8.1	294	84	24,028	8,520
40-49	1,176,967	10.4	31,114	7.7	264	84	21,493	9,537
50-59	929,496	8.2	20,346	5.0	219	65	13,205	7,076
60-64	323,921	2.9	5,968	1.5	184	15	3,721	2,232
65-69	239,514	2.1	4,021	1.0	168	15	2,388	1,618
70-74	205,979	1.8	3,413	0.8	166	14	2,003	1,396
75-79	176,895	1.6	2,992	0.7	169	11	1,762	1,219
80 and over	181,658	1.6	2,778	0.7	153	30	1,673	1,075
Age Unknown	—	—	656	0.2	X	—	228	428
Sex not specified	—	—	206	0.1	X	52	87	67

— Represents zero.

X Not applicable.

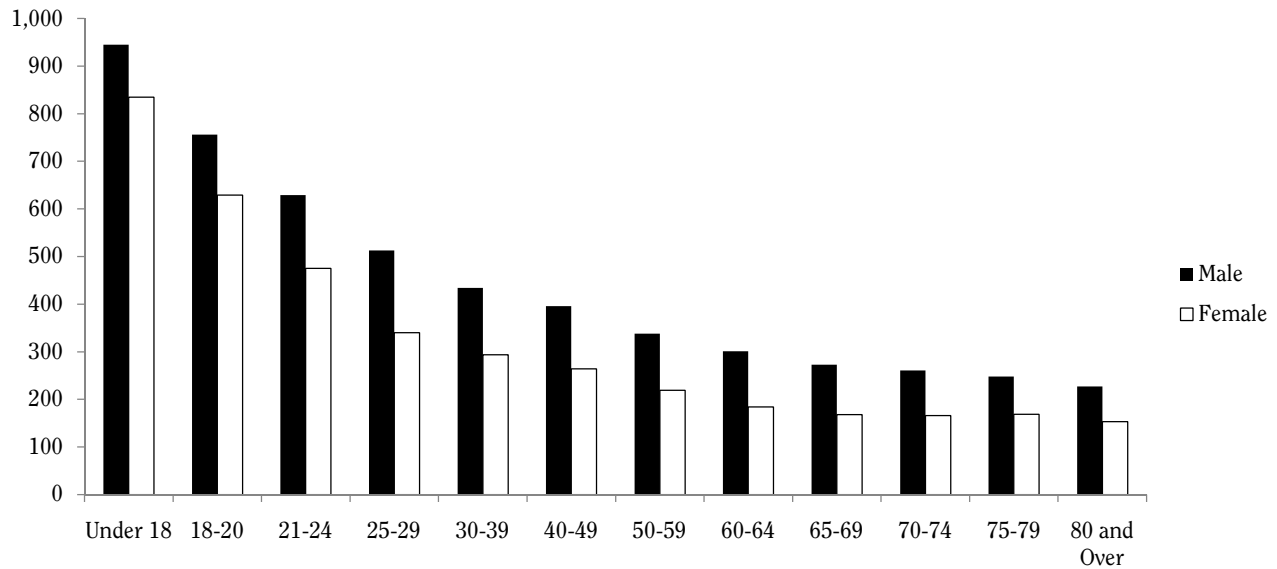
¹ Per 10,000 licensed drivers.

² Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since

the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.

SOURCE: New York State Department of Motor Vehicles.

FIGURE M-2
Drivers Involved in Motor Vehicle Accident Rates¹
by Age and Sex of Driver
New York State — 2003



¹ Per 10,000 licensed drivers.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-10
Motor Vehicle Accidents
by Vehicle Type and Severity of Accident
New York State — 2003(a)

Vehicle Type	Total ¹	Fatal	Personal Injury	Property Damage ¹
All Vehicles	246,926	1,351	167,514	78,061
Motorcycle/Moped	4,284	151	3,966	167
Large Truck	9,110	130	6,464	2,516
Bicycle	5,689	38	5,627	24
Pedestrian	16,873	324	16,529	20

NOTE: Not all vehicle types are displayed. Detail may not add to totals.

a Figures based on submitted reports for reportable accidents. A reportable accident is one which involves injury or death, or damage of more than \$1,000 to the property of any one person.

¹ Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of

crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the New York State Department of Motor Vehicles.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-11

Motor Vehicle Accidents by Severity New York State by County — 2000-02 Average and 2003

County of Occurrence	Total ^{1,2}		Fatal		Personal Injury		Property Damage ²	
	2000-02 Average	2003	2000-02 Average	2003	2000-02 Average	2003	2000-02 Average	2003
New York State	326,136	246,926	1,393	1,351	182,382	167,514	142,360	78,061
New York City	110,499	84,949	343	320	79,322	67,050	30,835	17,579
Bronx	17,490	13,662	54	46	12,540	10,957	4,896	2,659
Kings	33,086	24,909	103	85	25,372	20,983	7,611	3,841
New York	20,990	15,463	58	64	14,007	11,833	6,924	3,566
Queens	33,021	25,688	104	103	23,523	19,565	9,394	6,020
Richmond	5,913	5,227	24	22	3,879	3,712	2,010	1,493
Rest of State	215,014	160,877	1,050	1,031	102,922	100,177	111,042	59,669
Albany	6,678	5,429	20	19	2,961	3,254	3,697	2,156
Allegany	748	588	8	7	302	320	437	261
Broome	3,702	2,465	15	13	1,698	1,602	1,989	850
Cattaraugus	1,294	958	10	10	623	568	661	380
Cayuga	1,299	984	7	8	618	596	674	380
Chautauqua	2,549	1,665	14	13	1,061	1,100	1,474	552
Chemung	1,296	853	6	11	652	557	637	285
Chenango	984	711	8	10	398	377	578	324
Clinton	1,491	973	12	6	598	569	881	398
Columbia	1,208	941	9	9	503	495	696	437
Cortland	1,020	679	5	1	395	438	619	240
Delaware	971	631	9	9	399	342	563	280
Dutchess	5,709	4,524	28	32	2,681	2,742	3,000	1,750
Erie	14,274	12,345	66	65	8,025	7,886	6,183	4,394
Essex	828	554	8	8	318	294	502	252
Franklin	894	609	8	4	348	328	538	277
Fulton	1,035	685	4	11	463	449	568	225
Genesee	1,404	937	12	17	603	617	789	303
Greene	923	746	9	8	394	468	520	270
Hamilton	172	122	2	1	55	52	115	69
Herkimer	1,009	759	8	8	443	424	559	327
Jefferson	1,765	1,093	15	8	754	680	996	405
Lewis	491	339	5	5	182	176	304	158
Livingston	1,272	728	11	7	456	429	805	292
Madison	1,287	867	9	11	523	510	755	346
Monroe	14,440	10,353	51	37	6,370	5,905	8,019	4,411
Montgomery	982	617	6	9	373	390	602	218
Nassau	31,773	24,461	99	104	16,930	16,172	14,743	8,185
Niagara	3,312	2,627	21	18	1,789	1,783	1,503	826
Oneida	4,778	3,243	22	20	2,108	2,072	2,648	1,151
Onondaga	9,810	6,878	28	35	4,214	4,191	5,568	2,652
Ontario	2,437	1,460	15	16	815	829	1,607	615
Orange	7,886	5,886	36	47	3,672	3,701	4,177	2,138
Orleans	645	420	6	12	260	253	379	155
Oswego	2,501	1,596	22	19	1,053	1,008	1,427	569
Otsego	1,250	919	9	6	497	487	744	426
Putnam	2,175	1,569	11	12	928	882	1,236	675
Rensselaer	2,459	1,791	16	10	1,153	1,097	1,290	684
Rockland	6,011	4,685	21	18	3,040	2,928	2,950	1,739
St. Lawrence	2,002	1,321	18	13	724	689	1,259	619
Saratoga	2,777	2,396	16	16	1,365	1,424	1,396	956
Schenectady	2,573	1,992	10	5	1,247	1,223	1,316	764
Schoharie	588	442	3	5	257	252	327	185
Schuyler	376	209	1	2	137	133	238	74
Seneca	874	413	7	6	423	263	445	144
Steuben	1,716	1,218	15	13	739	710	963	495
Suffolk	29,371	22,356	155	155	15,290	14,894	13,926	7,307
Sullivan	1,603	1,191	11	19	726	786	866	386
Tioga	818	561	6	8	311	301	501	252
Tompkins	1,878	1,176	7	9	684	680	1,188	487
Ulster	3,662	2,794	23	23	1,726	1,760	1,914	1,011
Warren	1,595	1,050	6	10	661	642	927	398
Washington	1,022	698	10	8	441	410	570	280
Wayne	1,446	998	15	12	600	583	831	403
Westchester	16,857	13,612	61	52	8,509	8,040	8,288	5,520
Wyoming	859	543	9	8	302	299	549	236
Yates	235	217	4	3	126	117	104	97
Unknown	623	1,100	—	—	139	287	484	813

NOTE: The totals on this table may differ slightly from those on the other tables presenting the data in different formats because the data are derived from dynamic files whose contents are constantly being updated.

Because of rounding, the Statewide, New York City, and Rest of State totals for each of the three-year average columns may differ from the total of the three-year averages of the individual counties.

— Represents zero.

1 Based on submitted reports for reportable accidents. A reportable accident is one which involved injury or death, or damage or more than \$1,000 to the property of any one person.

2 Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the New York State Department of Motor Vehicles.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-12

**Motor Vehicle Accidents by Hour of Occurrence and by Day of Week
New York State — 1999-2003**

Time Period	All Accidents ^{1,2}					Fatal Accidents ¹				
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
Total	356,981	392,245	331,979	253,710	246,926	1,460	1,358	1,431	1,390	1,351
Hour of Occurrence										
A.M.										
12:00 - 2:59	17,228	18,801	15,122	10,900	11,678	149	132	159	141	130
3:00 - 5:59	13,877	14,940	11,357	8,841	10,438	125	133	127	128	138
6:00 - 8:59	42,804	46,277	36,753	26,685	28,707	167	134	129	129	152
9:00 - 11:59	48,401	52,688	42,986	30,991	32,509	163	147	146	147	138
P.M.										
12:00 - 2:59	62,337	68,027	57,901	42,739	41,323	196	198	208	169	197
3:00 - 5:59	79,351	86,162	73,320	55,526	50,478	260	222	265	232	211
6:00 - 8:59	52,688	58,655	49,560	36,709	33,195	218	214	207	198	196
9:00 - 11:59	31,632	36,818	31,479	22,904	20,219	173	163	187	207	173
Not Stated	8,663	9,877	13,501	18,415	18,379	9	15	3	39	16
Day of Week										
Sunday	40,209	44,928	37,193	28,344	28,074	207	197	235	223	216
Monday	52,538	53,624	48,425	36,564	36,152	189	192	194	184	152
Tuesday	52,314	56,041	47,177	36,294	35,829	184	174	175	177	189
Wednesday	50,882	56,214	46,681	37,164	36,360	208	176	156	201	184
Thursday	52,631	58,473	49,686	38,035	36,142	206	192	184	168	177
Friday	60,627	66,617	57,078	42,085	41,213	207	212	235	229	185
Saturday	47,780	56,348	45,379	35,224	33,156	259	215	252	208	248

1 Figures based on submitted reports for reportable accidents. A reportable accident is one which involves injury or death, or damage of more than \$1,000 to the property of any one person.

2 Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of

crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the New York State Department of Motor Vehicles.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-13

Motor Vehicle Accidents and Contributing Factors New York State — 2003

	Number ¹	Percent ²	Severity Class of Accident		
			Fatal	Injury	Property Damage ¹
Total Accidents	143,849	100.0%	1,351	140,936	1,562
Accidents With No Factor Reported	25,111	17.5	184	24,725	202
Accidents With One or More Factors Reported	118,738	82.5	1,167	116,211	1,360
Accidents Involving Human Factors	104,342	72.5	1,108	102,065	1,169
Aggressive Driving/Road Rage ³	1,138	0.8	12	1,123	3
Alcohol Involvement	5,320	3.7	172	5,125	23
Backing Unsafely	1,748	1.2	8	1,712	28
Cell Phone (hand held) ³	185	0.1	—	182	3
Cell Phone (hands free) ³	40	a	1	39	—
Driver Inattention/Distraction	25,899	18.0	118	25,586	195
Driver Inexperience	3,592	2.5	44	3,518	30
Drugs (Illegal)	307	0.2	5	301	1
Failed to Keep Right	2,715	1.9	110	2,569	36
Failed to Yield Right-of-Way	23,662	16.4	159	23,303	200
Fatigued/Drowsy	775	0.5	9	698	68
Fell Asleep	1,948	1.4	26	1,736	186
Following Too Closely	19,507	13.6	26	19,305	176
Illness	704	0.5	8	671	25
Lost Consciousness	791	0.5	26	747	18
Other Electronic Device ³	47	a	—	47	—
Outside Car Distraction ³	503	0.3	3	496	4
Passenger Distraction ³	456	0.3	4	449	3
Passing/Lane Usage Improper	4,149	2.9	86	3,986	77
Pedestrian or Bicyclist Error/Confusion	4,780	3.3	139	4,641	—
Physical Disability	242	0.2	6	222	14
Prescription Medication	219	0.2	4	209	6
Reaction to Other Uninvolved Vehicle ³	3,820	2.7	13	3,770	37
Traffic Control Disregarded	7,743	5.4	81	7,610	52
Turning Improperly	4,403	3.1	22	4,322	59
Unsafe Lane Changing	3,632	2.5	42	3,515	75
Unsafe Speed	15,439	10.7	401	14,918	120
Other Human Factors	1,230	0.9	21	1,191	18
Accidents Involving Vehicular Factors	6,882	4.8	45	6,777	60
Accelerator Defective	167	0.1	3	162	2
Brakes Defective	1,220	0.8	9	1,198	13
Driverless/Runaway	86	0.1	—	85	1
Headlight Defective	34	a	—	34	—
Other Lighting Defects	92	0.1	—	92	—
Oversize Vehicle	149	0.1	2	144	3
Steering Failure	291	0.2	1	288	2
Tire Failure/Inadequate	606	0.4	9	590	7
Tow Hitch Defective	22	a	—	20	2
Windshield Inadequate	28	a	—	28	—
Other Vehicular Factors	4,375	3.0	22	4,321	32
Environmental Factors	23,063	16.0	153	22,628	282
Actions of Animals	2,474	1.7	13	2,368	93
Glare	1,652	1.1	8	1,632	12
Lane Marking Improper/Inadequate	57	a	—	56	1
Obstruction/Debris	914	0.6	7	902	5
Pavement Defective	354	0.2	2	350	2
Pavement Slippery	14,698	10.2	85	14,485	128
Shoulders Defective/Improper	75	0.1	2	72	1
Traffic Control Device Improper/Nonworking	350	0.2	2	347	1
View Obstructed/Limited	3,104	2.2	34	3,023	47
Other Environmental Factors	147	0.1	6	139	2

NOTE: Many accidents have multiple factors reported.

— Represents zero.

a Less than 0.1%.

1 Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the New York State Department of Motor Vehicles.

2 Percent is expressed as a portion of total accidents. Because each accident may have zero, one, or two contributing factors, totals may not add to 100 percent.

3 New category as of July 2001.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-14
Motor Vehicle Convictions
by County of Court and Year of Conviction
New York State — 2004

County of Court	All Convictions	Speeding	Disobeyed Traffic Device	Improper Turn	Failed to Yield	Failed to Keep Right	Passing/Lane Change
New York State	1,889,678	379,236	386,387	35,957	19,334	8,708	24,595
New York City	786,732	77,747	167,054	29,133	4,567	528	12,015
Bronx	110,257	18,706	20,892	7,006	584	111	1,464
Kings	199,309	15,964	42,016	6,357	902	148	2,887
New York	216,044	6,676	55,720	10,965	1,572	137	1,991
Queens	196,653	22,734	36,427	4,383	1,287	109	3,246
Richmond	64,469	13,667	11,999	422	222	23	2,427
Rest of State	1,102,946	301,489	219,333	6,824	14,767	8,180	12,580
Albany	30,633	7,069	8,211	121	264	160	225
Allegany	6,013	1,785	1,632	5	35	51	35
Broome	23,719	5,855	7,140	127	315	113	228
Cattaraugus	10,147	4,193	1,758	21	134	128	63
Cayuga	6,627	2,122	1,421	13	80	89	64
Chautauqua	21,276	9,355	4,537	46	195	147	107
Chemung	10,435	3,404	2,143	123	243	86	129
Chenango	5,895	2,172	1,444	25	56	83	26
Clinton	13,535	5,381	2,325	49	201	111	105
Columbia	11,592	4,918	2,633	30	72	91	16
Cortland	8,162	3,915	1,312	18	79	57	48
Delaware	5,885	2,303	1,430	12	31	77	37
Dutchess	31,742	9,981	6,974	149	236	207	249
Erie	59,282	13,683	13,053	182	639	451	786
Essex	13,904	7,199	2,293	25	41	98	70
Franklin	6,113	1,631	1,682	34	45	102	31
Fulton	3,727	498	517	14	82	50	21
Genesee	11,936	3,985	4,512	16	118	68	64
Greene	10,934	5,362	2,153	17	47	65	42
Hamilton	1,272	488	389	2	3	30	8
Herkimer	7,008	2,912	945	29	63	62	36
Jefferson	17,776	7,292	2,724	29	227	343	87
Lewis	2,005	543	289	11	20	79	8
Livingston	11,071	4,049	3,625	17	89	89	37
Madison	6,248	2,077	1,096	12	90	70	29
Monroe	66,494	10,674	19,710	177	450	259	983
Montgomery	8,470	4,988	789	24	56	45	47
Nassau	114,410	11,471	21,721	2,440	6,174	338	1,645
Niagara	12,535	2,491	1,376	40	139	91	101
Oneida	24,134	5,787	2,099	835	267	249	147
Onondaga	27,345	5,868	3,901	107	294	212	221
Ontario	14,423	5,300	4,137	35	209	117	62
Orange	44,236	12,456	9,116	193	315	339	357
Orleans	3,250	938	786	5	30	16	12
Oswego	10,702	2,891	1,521	22	171	96	68
Otsego	8,988	3,457	1,991	20	66	108	45
Putnam	10,350	3,353	1,818	22	51	98	60
Rensselaer	13,070	4,403	2,743	41	103	88	64
Rockland	24,459	5,144	4,685	96	162	176	294
St. Lawrence	8,986	3,079	604	18	115	181	43
Saratoga	19,436	5,792	4,376	62	269	158	161
Schenectady	13,677	4,101	3,310	53	84	99	80
Schoharie	4,830	2,060	852	12	40	46	68
Schuyler	2,093	705	607	8	11	32	15
Seneca	5,816	2,476	1,497	3	37	32	30
Steuben	15,712	7,295	3,423	40	123	259	105
Suffolk	123,612	28,788	13,864	525	594	665	3,699
Sullivan	9,119	3,916	1,205	24	37	81	48
Tioga	6,837	3,934	504	13	86	71	40
Tompkins	10,221	3,915	1,772	42	194	118	110
Ulster	22,784	6,578	4,291	42	137	222	119
Warren	8,478	3,172	1,608	36	144	56	47
Washington	7,254	2,310	1,344	23	102	152	33
Wayne	10,297	2,921	2,410	28	174	131	76
Westchester	106,576	27,354	22,287	695	660	653	1,200
Wyoming	5,191	1,095	2,025	7	36	50	31
Yates	2,224	605	723	9	32	35	18

(Continued on the following page)

TABLE M-14 (continued)
Motor Vehicle Convictions
by County of Court and Year of Conviction
New York State — 2003

County of Court	DWI ¹	DWAI ²	Unlicensed Operator	Driving While License Is Suspended or Revoked	Safety Restraints	All Other
New York State	22,847	27,692	122,788	4,859	438,158	419,117
New York City	2,880	3,744	43,955	229	241,222	203,658
Bronx	632	709	8,179	56	28,654	23,264
Kings	541	827	11,862	75	66,765	50,965
New York	358	555	9,252	32	66,403	62,383
Queens	1,019	1,366	11,412	43	66,389	48,238
Richmond	330	287	3,250	23	13,011	18,808
Rest of State	19,967	23,948	78,833	4,630	196,936	215,459
Albany	398	1,055	2,502	152	5,831	4,645
Allegany	126	125	160	16	1,486	557
Broome	515	161	1,559	224	3,799	3,683
Cattaraugus	291	163	386	45	1,727	1,238
Cayuga	156	142	330	37	1,197	976
Chautauqua	365	418	638	123	2,872	2,473
Chemung	312	192	616	61	1,341	1,785
Chenango	88	186	241	20	1,075	479
Clinton	270	291	750	48	1,898	2,106
Columbia	232	114	357	30	2,030	1,069
Cortland	89	185	425	29	1,175	830
Delaware	57	178	236	22	1,116	386
Dutchess	569	696	2,479	77	6,552	3,573
Erie	1,657	1,653	3,032	445	8,880	14,821
Essex	104	159	306	47	2,271	1,291
Franklin	103	170	225	24	1,356	710
Fulton	153	300	395	24	1,099	574
Genesee	296	163	311	30	1,591	782
Greene	84	237	477	27	1,693	730
Hamilton	7	19	45	1	186	94
Herkimer	152	204	315	26	1,225	1,039
Jefferson	171	531	802	33	1,958	3,579
Lewis	41	91	104	19	417	383
Livingston	291	120	481	67	1,129	1,077
Madison	150	217	369	36	1,111	991
Monroe	1,705	927	9,503	300	9,458	12,348
Montgomery	106	115	208	28	1,059	1,005
Nassau	1,511	2,240	5,623	482	22,173	38,592
Niagara	413	492	910	72	2,832	3,578
Oneida	392	643	1,595	62	5,829	6,229
Onondaga	539	1,038	1,620	164	7,181	6,200
Ontario	423	31	732	92	1,661	1,624
Orange	904	874	4,860	123	9,317	5,382
Orleans	84	57	271	9	667	375
Oswego	241	462	708	65	2,214	2,243
Otsego	102	336	325	11	1,755	772
Putnam	181	289	599	5	2,930	944
Rensselaer	188	435	866	30	2,812	1,297
Rockland	461	312	1,938	48	6,541	4,602
St. Lawrence	182	375	583	49	2,333	1,424
Saratoga	309	697	501	57	3,192	3,862
Schenectady	146	317	961	52	2,899	1,575
Schoharie	83	137	174	13	1,032	313
Schuyler	57	45	56	10	358	189
Seneca	136	58	206	34	650	657
Steuben	340	172	456	56	2,086	1,357
Suffolk	2,043	2,642	15,367	456	13,772	41,197
Sullivan	252	157	763	82	1,575	979
Tioga	130	86	282	41	875	775
Tompkins	256	130	431	27	1,834	1,392
Ulster	481	557	1,778	106	5,591	2,882
Warren	193	382	228	28	1,511	1,073
Washington	135	219	296	32	1,502	1,106
Wayne	403	134	683	102	1,650	1,585
Westchester	718	1,707	8,501	302	23,141	19,358
Wyoming	104	94	191	17	1,127	414
Yates	72	18	77	12	364	259

1 Driving While Intoxicated.

2 Driving While Ability Impaired.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-15

**Convictions for Motor Vehicle Violations by Year of Conviction
New York State — 2002-05**

	2002	2003	2004	2005
All Convictions	1,891,143	1,936,494	1,889,678	1,927,685
Speeding	420,525	404,479	379,236	362,540
Disobeyed Traffic Device	397,652	394,440	386,387	384,067
Improper Turn	33,597	36,654	35,957	35,906
Failed to Yield	17,415	17,789	19,334	25,738
Failed to Keep Right	10,491	9,333	8,708	8,231
Passing/Lane Change	26,851	26,572	24,595	24,961
Driving While Intoxicated (DWI)	20,898	21,355	22,847	22,309
Driving While Ability Impaired (DWAI)	26,780	25,984	27,692	28,093
Unlicensed Operator	144,352	131,234	122,788	124,908
Driving While License Is Suspended/Revoked	6,673	5,090	4,859	3,881
Safety Restraints	459,762	475,362	438,158	435,487
All Other	326,147	388,202	419,117	471,564

SOURCE: New York State Department of Motor Vehicles.

TABLE M-16

**Persons Killed or Injured in Motorcycle/Moped and Bicycle Accidents, by Age and Sex
New York State — 1999-2003**

	1999		2000		2001		2002		2003	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Motorcycle/Moped Accidents ^{1,3}	115	4,466	121	4,405	149	4,505	146	4,184	160	4,201
Males	109	3,733	116	3,704	143	4,018	142	3,775	153	3,781
Females	6	732	5	699	4	206	4	198	7	219
Age										
0 - 4	—	17	—	13	—	2	—	1	—	3
5 - 14a	—	85	2	91	—	30	—	34	—	21
15 - 24b	32	1,113	31	1,028	27	1,076	37	879	36	1,001
25 - 44	63	2,308	67	2,308	98	2,472	78	2,282	75	2,154
45 - 64	18	729	19	739	21	854	24	915	39	934
65+	2	105	2	79	2	48	—	43	3	58
Unknown	—	109	—	147	1	23	—	30	—	30
Bicycle Accidents ^{1,2}	46	8,079	38	7,289	42	6,749	34	5,992	38	5,581
Males ⁴	43	6,877	35	6,151	32	3,934	27	3,405	28	3,158
Females ⁴	3	1,197	3	1,136	9	1,732	6	1,601	7	1,524
Age										
0 - 4	—	51	—	31	—	29	1	30	—	23
5 - 14a	12	2,066	7	2,051	6	1,419	1	1,175	5	1,132
15 - 24b	10	2,292	8	2,003	7	2,165	9	1,948	6	1,780
25 - 44	12	2,411	8	2,129	14	2,034	11	1,672	9	1,505
45 - 64	7	801	10	735	11	721	7	755	10	676
65+	4	153	5	118	3	114	3	94	6	93
Unknown	1	305	—	222	1	267	2	318	2	372

NOTE: Age detail includes both drivers and passengers but gender counts only include drivers. Therefore age detail does not add to gender total.

— Represents zero.

a 5-13 years of age starting in 2001.

b 14-24 years of age starting in 2001.

1 Includes persons for whom sex was not specified.

2 Includes only bicycle accidents involving motor vehicles.

3 2002 includes only Motorcycle accidents.

4 2001 and 2002 Killed and Injured counts adjusted to correct data entry errors.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-17

Highway Mileage by Jurisdiction New York State by County — 2005

County	Total Mileage	State ¹	County	Town	City	Village	Other ²
New York State	113,824	15,075	20,367	58,162	12,176	6,355	1,689
New York City	6,073	141	—	—	5,808	—	125
Bronx	788	32	—	—	734	—	22
Kings	1,532	19	—	—	1,492	—	21
New York	576	15	—	—	517	—	45
Queens	2,436	54	—	—	2,353	—	29
Richmond	740	21	—	—	712	—	8
Rest of the State	107,751	14,935	20,367	58,162	6,369	6,355	1,564
Albany	2,042	290	290	1,004	337	79	42
Allegany	1,901	229	344	1,251	—	72	5
Broome	1,982	297	339	1,059	157	117	14
Cattaraugus	2,225	362	405	1,204	98	73	82
Cayuga	1,644	277	514	708	93	38	14
Chautauqua	2,484	352	552	1,209	182	139	50
Chemung	1,128	118	245	577	123	61	4
Chenango	1,749	260	309	1,113	25	39	3
Clinton	1,557	283	360	814	60	25	16
Columbia	1,523	264	267	915	31	28	18
Cortland	1,029	199	248	513	44	24	1
Delaware	2,218	341	270	1,520	—	82	4
Dutchess	2,433	372	393	1,445	119	64	40
Erie	4,613	499	1,177	1,735	752	265	185
Essex	1,363	330	357	635	—	31	10
Franklin	1,453	272	266	792	—	64	58
Fulton	854	143	144	440	102	23	2
Genesee	1,054	192	258	462	49	33	61
Greene	1,203	193	262	665	—	55	29
Hamilton	461	179	94	177	—	11	—
Herkimer	1,532	241	578	567	24	96	26
Jefferson	2,148	408	547	1,003	95	96	1
Lewis	1,328	154	249	892	—	32	—
Livingston	1,363	269	242	761	—	80	10
Madison	1,461	165	438	727	49	64	18
Monroe	3,481	478	649	1,621	533	118	82
Montgomery	1,035	179	394	296	76	52	39
Nassau	4,140	215	499	2,146	116	1,153	11
Niagara	1,670	252	283	608	434	33	61
Oneida	2,864	425	593	1,284	399	114	48
Onondaga	3,097	417	792	1,256	392	180	61
Ontario	1,543	225	240	919	76	53	30
Orange	2,560	366	315	1,388	163	226	101
Orleans	810	157	197	389	—	53	14
Oswego	1,952	287	503	972	140	46	4
Otsego	2,098	290	477	1,242	41	43	4
Putnam	839	134	117	575	—	13	—
Rensselaer	1,780	267	334	939	185	46	9
Rockland	1,205	99	172	569	—	287	78
St. Lawrence	2,122	268	361	1,248	157	85	2
Saratoga	3,151	516	576	1,854	49	138	19
Schenectady	927	149	220	337	177	27	16
Schoharie	1,175	188	321	629	—	33	3
Schuyler	713	103	122	449	—	38	1
Seneca	744	157	157	356	—	51	22
Steuben	3,151	364	678	1,908	100	101	1
Suffolk	7,464	516	428	5,763	—	646	111
Sullivan	2,060	202	387	1,390	4	67	9
Tioga	1,122	155	142	771	—	54	—
Tompkins	1,246	163	307	627	69	71	9
Ulster	2,332	283	426	1,397	111	40	75
Warren	1,246	220	246	705	60	7	7
Washington	1,590	232	285	986	—	85	3
Wayne	1,557	174	406	844	—	131	3
Westchester	3,399	453	168	1,397	746	590	45
Wyoming	1,122	205	241	620	—	53	2
Yates	810	107	181	488	—	33	—

NOTE: Totals for rows and columns may not add to detail due to rounding.

— Represents zero.

1 Includes all roadways and applicable parkways that have assigned State Highway numbers. These highways and parkways are owned by the New York State Department of Transportation.

2 Includes mileage under jurisdiction of authorities/commissions and State Agencies other than New York State Department of Transportation (e.g., Indian Reservations, institution roads, National Park roads, parkways, and toll roads).

SOURCE: New York State Department of Transportation, Highway Date Services, 2007.

TABLE M-18
Highway Utilization
New York State — 1978-2006

Year	Vehicle Miles of Travel ¹ (billions)
1978	81.50
1979	77.82
1980	77.62
1981	79.13
1982	80.48
1983	83.77
1984	87.03
1985r	90.85
1986r	94.95
1987r	100.10
1988	103.37
1989	106.06
1990	106.90
1991	107.66
1992	109.89
1993	112.24
1994	112.98
1995	115.17
1996	118.41
1997	120.79
1998	123.37
1999	126.49
2000	128.70
2001	130.83
2002	133.06
2003	135.05
2004	138.57
2005	139.20
2006	141.34

r Revised.

1 Estimated travel by all vehicles on all public roads, streets, and highways within New York State.

SOURCE: New York State Department of Transportation, Highway Data Services Bureau, 2006.

TABLE M-19
Bridges by Owner and Condition
New York State — As of April 2007

Owner	All Bridges in Inventory	Condition	
		Deficient ¹	Closed ²
Grand Total	19,514	6,185	103
State	7,821	2,289	16
Non-State	11,693	3,896	87
Local	8,897	3,303	70
County	6,149	2,113	43
Town	1,337	542	16
Village	165	69	—
City	—	—	—
New York City	719	354	2
Other Cities	527	225	9
Railroads	1,226	63	4
Authorities, Commissions, etc.	1,570	530	13

— Represents zero.

1 A deficient bridge is one whose structural condition has resulted in a degradation in its ability to function structurally in comparison to the bridge's original functional condition. Most bridges are designed with excess structural capacity and redundancy; therefore, bridges classified

as deficient, except for the most severe cases, are still capable of safe operation.

2 Includes bridges being replaced or rehabilitated.

SOURCE: New York State Department of Transportation, Structures Division, 2007.

TABLE M-20
Surface Pavement Condition on the Highway Route System
New York State — 2000-06

	Level	Lane-Miles of Pavement ¹						
		2000	2001	2002(r)	2003	2004(r)	2005(r)	2006
Excellent	10	846	508	1,108	623	743	731	1,354
	9	3,834	3,030	2,940	1,513	1,402	1,894	2,619
Good-to-Fair	8	5,755	6,188	4,952	4,649	3,996	3,483	3,140
	7	15,640	15,747	16,174	17,998	17,606	16,795	16,557
	6	8,720	9,711	9,888	10,927	11,948	12,688	12,344
Poor	5	2,424	2,220	1,990	1,793	1,675	1,786	1,755
	4	143	101	86	87	95	129	127
	3	2	—	—	1	1	2	1
	2	—	—	—	—	—	—	—
	1	—	—	—	—	—	—	—
Total Lane-Miles		37,364	37,505	37,138	37,591	37,466	37,508	37,897
Average Condition ²		7.05	6.98	7.00	6.86	6.82	6.81	6.90

— Represents zero.

r Revised.

1 Number of lanes times length of section.

2 Computed mean of each distribution.

SOURCE: New York State Department of Transportation, Highway Data Services Bureau, 2006.

TABLE M-21
New York State Thruway Traffic (Controlled System)
2006

Inter-Change Number	Name	Mile Post	Entry Traffic	Total Exit Traffic	Type of Exit Traffic			
					Passenger		Commercial	Non-Revenue
					Full Fare ¹	Permits		
15	Woodbury	45	8,002,397	7,826,636	6,309,623	241,336	1,252,058	23,619
16	Harriman	45	1,066,765	1,118,733	1,009,442	40,448	52,981	15,882
17	Newburgh	60	5,835,196	5,935,528	4,649,802	339,526	900,049	46,151
18	New Paltz	76	2,638,220	2,680,844	2,334,554	176,318	144,588	25,384
19	Kingston	91	3,171,419	3,258,229	2,758,332	236,852	228,444	34,601
20	Saugerties	101	1,550,868	1,453,928	1,194,543	144,462	96,718	18,205
21	Catskill	114	1,699,793	1,692,489	1,346,624	185,616	136,341	23,908
21B	Coxsackie	124	1,168,116	1,117,910	711,619	264,135	126,709	15,447
22	Selkirk	135	799,911	771,471	545,977	110,123	95,533	19,838
23	Southern Boulevard	142	4,996,308	5,045,942	3,870,365	648,690	408,015	118,872
24	Washington Avenue	148	13,219,122	13,749,413	11,606,284	815,575	1,226,382	101,172
25	Schenectady	154	6,843,569	6,630,394	5,758,707	588,244	228,227	55,216
25A	Schenectady I-88	159	3,690,307	3,541,615	2,911,127	51,471	551,540	27,477
26	Rotterdam	162	1,179,050	1,183,854	912,833	143,908	110,322	16,791
27	Amsterdam	174	1,683,931	1,678,238	1,218,905	257,899	176,725	24,709
28	Fultonville	182	935,371	944,887	525,797	66,221	337,076	15,793
29	Canajoharie	194	487,357	471,851	354,296	57,823	49,531	10,201
29A	Little Falls	211	239,215	244,593	178,649	23,718	34,405	7,821
30	Herkimer	220	725,342	742,863	592,829	55,586	77,189	17,259
31	Utica	233	1,900,040	1,893,930	1,485,152	122,317	257,024	29,437
32	Westmoreland	243	1,156,720	1,174,421	922,143	151,477	89,485	11,316
33	Verona	253	2,597,526	2,582,756	2,105,301	251,770	203,908	21,777
34	Canastota	262	1,632,616	1,551,350	1,101,166	320,838	110,929	18,417
34A	Collamer	277	3,237,498	3,341,342	2,629,640	380,400	309,422	21,880
35	Thompson	279	1,968,457	2,017,487	1,485,726	266,047	238,580	27,134
36	Mattydale	283	2,997,560	2,968,907	2,376,391	182,976	390,162	19,378
37	Electronics Parkway	284	1,101,844	1,140,272	897,221	164,039	62,611	16,401
38	Liverpool	286	1,283,623	1,143,195	898,527	134,185	103,006	7,477
39	State Fair	290	2,986,920	2,968,661	2,285,365	220,416	441,914	20,966
40	Weedsport	304	1,279,740	1,254,450	889,430	179,343	168,209	17,468
41	Waterloo	320	1,406,408	1,412,551	984,093	87,804	331,934	8,720
42	Geneva	327	1,714,516	1,731,703	1,383,823	135,756	199,491	12,633
43	Manchester	340	1,453,330	1,412,381	1,103,384	180,979	116,705	11,313
44	Canandaigua	347	3,328,641	3,224,613	2,827,340	216,257	161,322	19,694
45	Victor	351	5,566,134	5,714,022	5,025,438	371,945	296,990	19,649
46	Henrietta	362	3,527,984	3,603,331	2,817,963	291,373	476,124	17,871
47	LeRoy	379	2,571,573	2,500,786	2,035,674	136,991	314,763	13,358
48	Batavia	390	1,679,210	1,640,917	1,247,537	148,699	217,927	26,754
48A	Pembroke	402	1,868,022	1,815,263	1,240,279	125,459	432,370	17,155
49	Depew	417	3,860,548	3,885,162	3,444,061	103,199	316,805	21,097
50	Williamsville	420	9,210,219	9,346,703	7,352,221	267,192	1,666,123	61,167
55	Lackawanna	429	8,479,972	8,428,882	6,743,031	294,658	1,332,617	58,576
56	Blasdell	432	2,733,242	2,757,097	2,465,248	97,289	172,998	21,562
57	Hamburg	436	2,031,876	2,074,670	1,795,072	113,435	150,104	16,059
57A	Angola	445	1,004,973	970,120	811,544	90,301	55,781	12,494
58	Silver Creek	456	1,005,208	1,040,084	833,019	106,193	84,259	16,613
59	Dunkirk	468	1,685,598	1,680,544	1,346,330	97,967	208,082	28,165
60	Westfield	485	294,149	292,447	237,759	8,963	32,628	13,097
61	State Line	496	3,402,767	3,393,941	2,162,034	16,849	1,197,911	17,147
	Subtotal		138,899,171	139,051,406	111,722,220	9,713,068	16,373,017	1,243,121
					- - - Berkshire Spur - - -			
B 1	Post Road	B 7	2,793,947	2,689,859	2,213,648	64,249	391,432	20,530
B 2	Taconic Parkway	B 15	876,978	821,238	776,746	22,874	8,609	13,009
B 3	Canaan	B 18	4,167,189	4,174,782	3,199,943	37,866	923,211	13,762
	Subtotal		7,838,114	7,685,879	6,190,337	124,989	1,323,252	47,301
	GRAND TOTAL		146,737,285	146,737,285	117,912,557	9,838,057	17,696,269	1,290,422

1 Full Fare includes cash payments as well as E-ZPass tolls members who have E-ZPass without a permit plan.

SOURCE: New York State Thruway Authority, 2006 Annual Report: New York State Thruway Authority/Canal Corporation.

TABLE M-22
New York State Thruway
Bridges and Barriers — Traffic and Revenue Summary
2005-06

	Traffic		Revenue	
	2006(a)	2005(a,r)	2006(a)	2005(a)
Total Thruway Bridges and Barriers	124,432,387	128,738,904	\$ 203,766,234	\$ 187,930,731
Non-Revenue Traffic	488,394	472,310	—	—
Toll Traffic	123,943,993	128,266,594	203,766,234	187,930,731
Passenger Vehicles	112,642,536	115,725,447	149,973,306	137,845,949
Commercial Vehicles	11,301,457	12,541,147	53,792,928	50,084,782
Grand Island Bridges	23,307,515	23,255,625	14,954,670	13,333,115
Passenger Vehicles	21,828,968	21,527,149	11,438,089	9,978,973
Commercial Vehicles	1,478,547	1,728,476	3,516,581	3,354,142
Tappan Zee Bridge ¹	25,068,510	25,334,914	103,820,909	94,231,508
Passenger Vehicles	23,578,841	23,737,888	81,962,250	73,843,908
Commercial Vehicles	1,489,669	1,597,026	21,858,659	20,387,600
Yonkers Barrier	19,413,317	20,003,078	16,180,286	14,823,298
Passenger Vehicles	17,417,338	17,972,225	12,249,951	11,354,654
Commercial Vehicles	1,995,979	2,030,853	3,930,335	3,468,644
New Rochelle Barrier ¹	21,526,221	21,623,270	33,566,635	31,076,996
Passenger Vehicles	19,027,930	18,978,810	22,528,684	21,289,062
Commercial Vehicles	2,498,291	2,644,460	11,037,951	9,787,934
Spring Valley Barrier ¹	1,310,781	1,427,322	6,803,007	6,210,992
Passenger Vehicles	40,423	30,155	118,296	88,976
Commercial Vehicles	1,270,358	1,397,167	6,684,711	6,122,016
Harriman Barrier	19,534,898	19,598,158	15,759,519	14,339,736
Passenger Vehicles	18,256,210	18,225,703	12,789,089	11,567,220
Commercial Vehicles	1,278,688	1,372,455	2,970,430	2,772,516
Buffalo City Line ^{1,2}	6,741,635	8,327,256	6,841,626	7,466,512
Passenger Vehicles	5,890,121	7,143,550	4,211,469	4,570,157
Commercial Vehicles	851,514	1,183,706	2,630,157	2,896,355
Black Rock Barrier ^{1,2}	7,041,116	8,696,971	5,839,582	6,448,574
Passenger Vehicles	6,602,705	8,109,967	4,675,478	5,152,999
Commercial Vehicles	438,411	587,004	1,164,104	1,295,575

— Represents zero.

r Revised. Changes reflect audits made since the 2005 annual report.

a Due to the toll class realignment on May 15, 2005, passenger traffic now includes passenger vehicles with trailers, which were previously counted under commercial vehicles. Also, commercial traffic has decreased because certain commercial vehicles that previously counted as two transactions are now counted as one.

1 One-way trips.

2 On October 30, 2006, the tolls at City Line and Black Rock barrier were eliminated.

SOURCE: New York State Thruway Authority, 2006 Annual Report: New York State Thruway Authority/Canal Corporation.

TABLE M-23
New York State Thruway
Traffic and Revenue — One-Day Records
As of December 31, 2006

Location	Traffic		Revenue	
	Trips	Date	Amount	Date
Entire Thruway System	1,015,283	September 3, 2004	\$ 2,205,741	June 30, 2006
Controlled System	573,175	September 3, 2004	1,530,870	June 30, 2006
Grand Island Bridge North	38,713a	July 1, 2005	24,908	July 1, 2005
Grand Island Bridge South	49,027a	August 8, 2003	30,700	August 4, 2006
Tappan Zee Bridge	85,977a	June 24, 2005	338,598	June 24, 2005
Yonkers Barrier	72,011	September 17, 1999	57,000	June 30, 2005
New Rochelle Barrier	81,455a	August 24, 2001	113,928	July 29, 2005
Spring Valley Barrier	7,571b	October 17, 2001	32,638	July 7, 2005
Harriman Barrier	76,540	November 24, 2006	62,187	June 1, 2005
Buffalo City Line	33,542a	August 13, 2004	31,020	August 12, 2005
Black Rock Barrier	35,216a	September 10, 2004	26,752	July 29, 2005

a One-way trips.

b One-way commercial trips only.

SOURCE: New York State Thruway Authority, 2006 Annual Report: New York State Thruway Authority/Canal Corporation.

TABLE M-24
Public Transit Service
New York State
Fiscal Years 1980-81 — 2005-06
(millions)

Fiscal Year Ending	Entire State		Upstate ¹		Downstate ²	
	Passengers	Vehicle Miles	Passengers	Vehicle Miles	Passengers	Vehicle Miles
1981r	1,975	522	94	43	1,881	479
1982r	1,931	544	95	44	1,836	500
1983r	1,893	552	95	47	1,800	505
1984r	1,897	561	97	49	1,800	512
1985r	1,897	571	96	49	1,801	522
1986r	1,900	575	93	49	1,807	526
1987r	1,914	593	89	50	1,825	543
1988r	1,893	610	87	50	1,864	560
1989r	1,947	609	87	48	1,860	561
1990r	1,943	614	87	49	1,856	565
1991r	1,861	601	82	47	1,779	554
1992r	1,812	593	77	46	1,735	547
1993r	1,893	591	74	45	1,723	546
1994r	1,849	596	76	48	1,773	548
1995r	1,906	596	74	49	1,832	547
1996r	1,905	611	71	48	1,834	563
1997r	1,922	615	68	48	1,854	567
1998r	1,893	619	68	48	2,019	574
1999r	2,249	634	66	48	2,183	586
2000r	2,392	662	68	51	2,324	611
2001	2,519	679	67	52	2,452	627
2002	2,560	671	67	52	2,493	619
2003	2,574	677	67	54	2,507	623
2004	2,519	672	66	50	2,453	622
2005	2,575	677	68	55	2,508	622
2006	2,609	733	71	57	2,538	676

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

r Table data revised by Passenger Transportation Division, 2002.

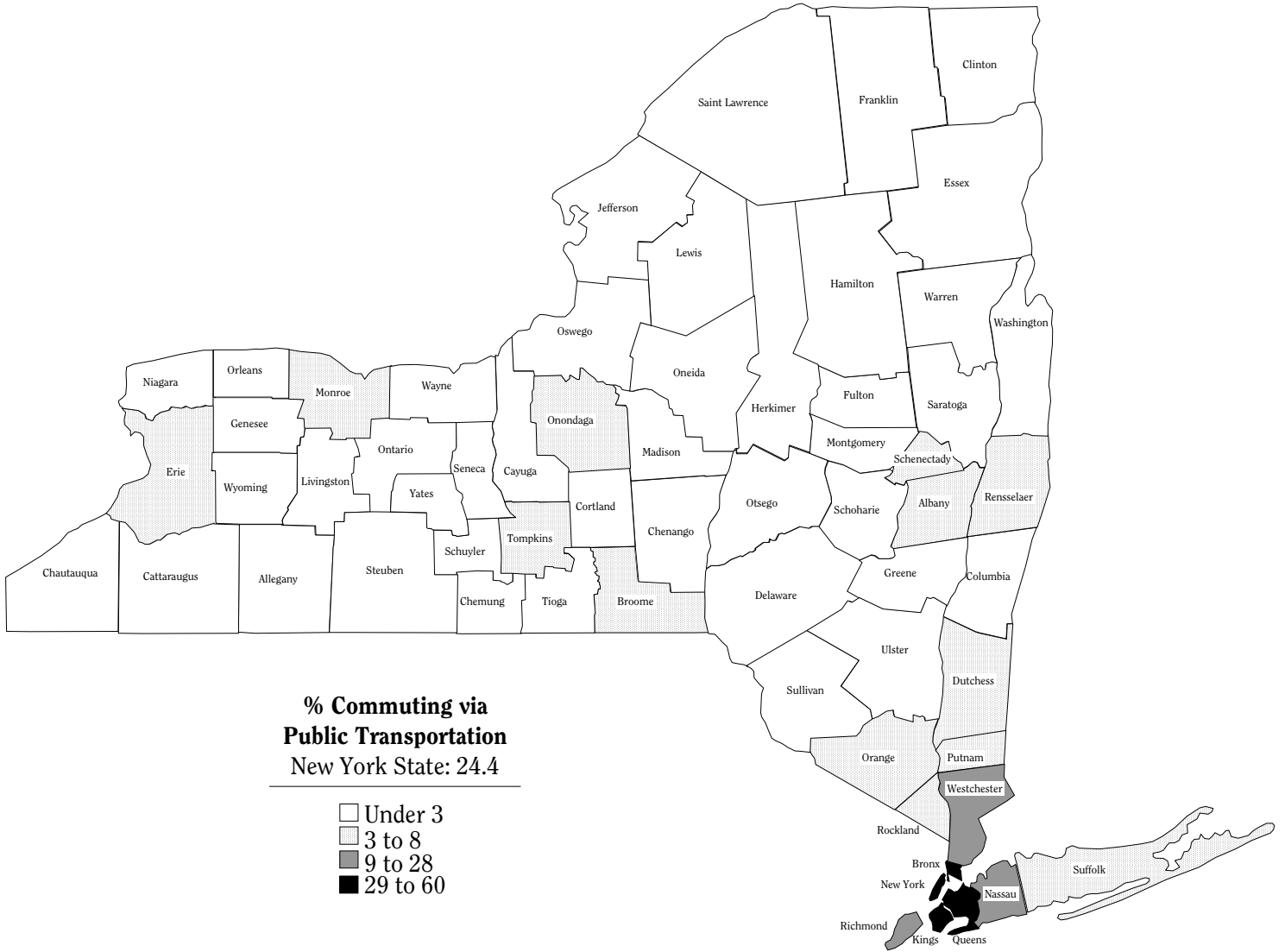
1 Includes all public and private operators in New York State outside of region described in Footnote 2.

2 Includes all public and private operators of bus, subway, commuter rail, or ferry services in New York City and the counties of Nassau, Suffolk, Westchester, Putnam, Dutchess, Rockland, and Orange.

SOURCE: New York State Department of Transportation, Passenger Transport Division, State Transit Operating Assistance Payment Database 2006.

FIGURE M-3

**Resident Population — Percent Commuting Via Public Transportation
New York State — 2000**



SOURCE: U.S. Census Bureau, Census 2000; materials compiled by Empire State Development, State Data Center and <http://205.232.252.81/Downloads/PerPublicTransit.pdf> (last viewed December 26, 2007).

TABLE M-25

**Metropolitan Transportation Authority Summary Data
New York State — 2000-06**

	2000(r)	2001(r)	2002	2003	2004(r)	2005	2006
Metropolitan Transportation Authority Network Totals							
Average Weekday Paid Rides	7,459,452a	7,639,644a	7,711,972a	7,501,955	7,627,285	7,785,178	8,272,117
Number of Rail Route Miles ¹	950	950	950	950	950	950	948
Annual Paid Rides	2,270,720,782a	2,338,469,790a	2,367,262,501a	2,298,398,680	2,356,175,601	2,379,870,002	2,540,039,060
MTA New York City Transit							
Subways							
Average Weekday Paid Rides	4,522,215	4,579,226	4,590,571	4,512,503	4,612,006	4,737,093	4,865,769
Route Miles ¹	233	233	233	233	233	233	233
Annual Paid Rides	1,381,078,913	1,405,300,386	1,413,177,943	1,384,068,220	1,426,040,136	1,449,109,242	1,498,915,984
Buses²							
Average Weekday Paid Rides	2,267,078	2,382,741	2,452,669	2,338,751	2,361,299	2,374,777	2,380,124
Route Miles ³	1,671	1,671	2,017	2,017	2,017	2,017	2,043
Annual Paid Rides	698,898,863	739,489,869	762,096,318	727,607,228	740,586,160	736,493,445	741,419,747
MTA Bridges and Tunnels							
Average Weekday Tolls	837,637	825,729	842,150	840,706	848,348	848,154	854,443
Number of Bridges	7	7	7	7	7	7	7
Number of Tunnels	2	2	2	2	2	2	2
Annual Paid Tolls	296,692,531	293,219,838	299,808,748	297,465,352	302,995,482	300,385,193	302,058,593
MTA Long Island Bus⁴							
Average Weekday Rides ⁵	101,762	104,409	104,604	102,401	102,080	105,329	109,302
Route Miles ⁵	970	975	995	950	950	950	954
Annual Paid Rides ⁵	30,056,646	31,031,863	31,323,743	30,433,281	30,594,795	31,507,473	32,577,477
MTA Long Island Rail Road							
Average Weekday Paid Rides	304,227	306,236	299,254	287,930	278,389	282,410	289,586
Route Miles ¹	319	319	319	319	319	319	319
Annual Paid Rides	84,730,852	85,602,984	83,918,140	80,924,069	79,253,521	80,130,571	82,036,736
MTA Metro-North Railroad⁶							
Average Weekday Paid Rides	249,173	252,631	251,863	248,011	248,513	257,842	265,949
Route Miles in New York State ¹	384	384	384	384	384	384	382
Annual Paid Rides	71,842,688	73,081,052	73,151,680	71,967,650	72,374,775	74,507,341	76,850,478
MTA Staten Island Railway							
Average Weekday Paid Rides ⁷	14,997	14,401	13,011	12,359	12,117	12,647	13,781
Route Miles ¹	14	14	14	14	14	14	14
Annual Paid Rides ⁷	4,112,820	3,963,636	3,594,677	3,398,232	3,343,322	3,458,853	3,782,591
MTA Bus							
Average Weekday Paid Rides ⁸	X	X	X	X	X	X	330,739
Route Miles ¹	X	X	X	X	X	X	882
Annual Paid Rides	X	X	X	X	X	X	99,254,478

r Revised.

X Not applicable.

a Does not include MTA Bridges and Tunnels vehicle counts.

b Denotes vehicles passing through bridge and tunnel tollgates.

1 Non-directional route miles; i.e., the distance from terminal to terminal. Several train lines may share the same route.

2 Includes Manhattan and Bronx Surface Transit Operating Authority, an MTA New York City Transit subsidiary.

3 Non-directional route miles; i.e., the distance from terminal to terminal. Several bus lines may share the same route.

4 Ridership statistics reflect paratransit operations.

5 Beginning in 1997, Long Island Bus ridership includes paid rides, transfers, and employees.

6 Includes operations on the Harlem, Hudson, and New Haven lines in New York State and Connecticut as well as the New York State portions of the Port Jervis and Pascack Valley lines.

7 Staten Island Railway eliminated on-board fare collection in 1997, resulting in a loss in paid ridership.

8 MTA Bus took over the operations of seven private bus companies that operated under franchises provided by the City of New York. It completed the consolidation of operations in February 2006.

SOURCE: State of New York, Metropolitan Transportation Authority.

TABLE M-26
Rail Freight Traffic
New York State — 1978-2005
(thousands)

Year	Carloads ¹	Tonnage ¹
1978	714	44,499
1979	813	52,264
1980	812	42,910 ^a
1981	788	NA
1982	719	NA
1983	639	NA
1984	708	NA
1985	718	47,618
1986	671	44,924
1987	557	36,650
1988	619	41,473
1989	578	38,601
1990	560	38,640
1991	601	41,469
1992	537	NA
1993	530	NA
1994	514	NA
1995	471	NA
1996	597	39,320
1997	606	40,310
1998 ^r	618	39,626
1999	582	36,985
2000	560	35,332
2001	530	34,989
2002	524	33,960
2003	555	35,701
2004	624	39,611
2005	571	35,775

NA Not available.

r Revised.

a Enhanced by A.L.K.K. Associates for I.C.C.; may not be comparable with previous historical data.

1 Includes all carloads originating or terminating in New York State.

SOURCE: Association of American Railroads, material compiled by New York State Department of Transportation, Freight and Economic Development Division, 2007, www.aar.org.

TABLE M-27
Amtrak Ridership in New York State
1980-2006
(thousands)

Year	Total ¹	Adirondack	Empire	New York Penn
1980	1,115,000	80,000	1,035,000	NA
1981	1,207,000	77,000	1,130,000	NA
1982	1,159,000	76,000	1,083,000	NA
1983	1,250,000	76,000	1,174,000	NA
1984	1,267,692	65,261	1,202,431	NA
1985	1,310,338	66,358	1,243,980	NA
1986	1,341,939	62,959	1,278,980	NA
1987	1,442,130	87,576	1,354,554	NA
1988	1,500,712	98,192	1,402,520	NA
1989	1,401,726	86,221	1,315,505	NA
1990	1,497,068	63,668	1,433,400	NA
1991 ^r	1,434,839	73,307	1,361,532	NA
1992	1,465,694	83,831	1,381,863	NA
1993	1,380,304	74,074	1,306,230	NA
1994	1,072,000	89,001	982,999	NA
1995	1,046,000	95,929	950,071	NA
1996	1,073,863	94,933	978,930	NA
1997	1,155,869	98,706	1,057,163	NA
1998	1,248,827	82,679	1,166,148	7,502,912
1999	1,359,162	96,477	1,262,685	7,668,435
2000	1,421,244	100,707	1,320,537	8,178,308
2001	1,365,183	99,783	1,265,400	8,589,534
2002 ^r	1,248,149	91,080	1,157,069	8,564,592
2003 ^r	1,274,749	87,263	1,187,486	8,506,017
2004 ^r	1,295,590	90,599	1,204,991	8,724,232
2005 ^r	1,411,793	86,744	1,325,049	8,497,212
2006	1,459,221	94,021	1,365,200	7,434,279

NOTE: Adirondack includes trips between New York City and Montreal with at least one endpoint between Albany and Montreal.

NA Not available.

^r Empire and Total amounts were revised.

¹ 1980-1993: Data are based on calendar year; includes Lakeshore Ltd.
1994-2000: Data are based on Federal Fiscal Year; do not include Lakeshore Ltd. (Lakeshore Ltd. is no longer part of Northeast Corridor); Amtrak estimates the Lakeshore Ltd. contributes roughly 25,000 passengers per year to total ridership in New York State. Ridership includes boardings and alightings.

2001-2004: Starting with Fiscal Year 2001, data include Lakeshore Ltd. and Mapleleaf where both endpoints are in New York State. 2003: Mapleleaf is combined with Empire.

2005-2006: Includes New York State portion of Lakeshore.

2006: As part of the above ridership total for intercity passengers, Amtrak carried New Jersey Transit multi-ride commuters on its trains to and from Penn Station in New York City. This practice ended on October 31, 2005, when New Jersey Transit took over the remaining Amtrak Clocker trains (New York-Trenton-Philadelphia) and converted them into New York-Trenton only commuter trains.

SOURCE: New York State Department of Transportation, 2006: Freight and Economic Division Amtrak Ridership Reports (calendar year) and Amtrak Monthly Invoices (Federal Fiscal Year).

TABLE M-28

**Pleasure Craft Activity on the New York State Canal System
by Canal Section — 1970-2006**

Year	All Pleasure Craft ¹	Canal Section			
		Erie	Champlain	Oswego	Cayuga and Seneca
1970	103,802	55,744	20,294	13,932	13,832
1971	98,742	52,773	18,204	14,056	13,709
1972	84,249	45,297	18,553	11,285	9,114
1973	97,498	55,325	17,534	13,522	11,117
1974	85,985	47,676	15,014	12,382	10,913
1975	85,603	42,956	18,309	14,051	10,287
1976	90,951	52,402	17,082	12,509	8,958
1977	87,004	49,713	15,714	11,967	9,610
1978	90,839	52,648	14,968	13,158	10,065
1979	76,378	45,251	11,825	11,756	7,546
1980	79,469	47,803	11,892	12,061	7,713
1981	82,421	49,374	13,641	12,262	7,144
1982	83,451	51,531	12,579	12,241	7,100
1983	94,618	57,048	14,761	14,010	8,799
1984	95,430	58,923	14,163	13,808	8,536
1985	110,105	69,052	16,150	16,915	7,988
1986	120,639	74,390	17,680	18,288	10,281
1987	141,879	85,846	22,552	21,780	11,701
1988	152,433	91,170	24,541	21,895	14,827
1989	159,141	93,353	26,756	24,301	14,731
1990	157,532	92,771	26,071	23,753	14,937
1991	147,566	85,661	26,029	22,826	13,050
1992	132,381	77,523	26,316	19,311	9,231
1993	136,619	81,587	25,447	18,353	11,232
1994	115,684	67,795	21,315	18,009	8,565
1995	126,051	74,337	22,417	20,134	9,163
1996 ^r	127,699	80,211	20,449	18,025	9,014
1997 ^r	138,619	88,487	23,175	18,584	8,373
1998 ^r	141,929	89,045	24,342	18,857	9,685
1999	141,965	89,265	23,828	19,501	9,371
2000	129,304	79,737	23,028	17,916	8,623
2001	135,181	85,091	23,266	17,414	9,410
2002	139,420	87,691	24,254	18,812	8,663
2003 ^r	126,523	78,085	21,905	17,833	8,700
2004	122,034	75,758	22,315	16,457	7,504
2005	119,113	74,080	22,360	15,606	7,067
2006 ^a	92,642	55,064	18,833	12,332	6,413

r Revised.

a Catastrophic flooding in June 2006 caused the closure of significant portions of the Canal System and severely limited travel on the System for up to eight weeks.

1 Number of pleasure craft raised or lowered from one level to another.

SOURCE: New York State Thruway Authority/New York State Canal Corporation.

TABLE M-29
Airfields by Type of Facility and Use
New York State — 1974-2005

Year	All Airfields	Type				Use	
		Airport	Helicopter	Seaplane Base	Gliderport	Public ¹	Private ²
1974	466	361	79	26	X	223	243
1975	476	370	79	27	X	230	246
1976	478	365	84	29	X	234	244
1977	459	372	65	22	X	232	227
1978	489	379	80	30	X	229	260
1979	481	370	80	31	X	224	257
1980	467	365	75	27	X	212	255
1981	483	369	88	26	X	205	278
1982	507	375	106	26	X	198	309
1983	475	371	77	27	X	212	263
1984	479	348	107	24	X	198	281
1985	479	349	107	23	X	191	288
1986	472	362	103	7	X	194	278
1987	486	349	115	22	X	186	300
1988	505	366	117	22	X	178	327
1989	489	361	107	21	X	171	318
1990	489	361	107	21	X	169	320r
1991	496	364	111	21	X	169	327r
1992	516	377	115	24	X	169	347
1993	445	329	95	21	X	162	283
1994	444	329	94	21	X	162	282
1995r	438	329	87	19	3	162	276
1996r	438	327	91	19	1	166	272
1997r	544	378	140	23	3	166	378
1998r	527	370	133	21	3	163	364
1999r	541	373	146	20	2	163	378
2000r	533	369	143	19	2	162	371
2001r	531	367	143	19	2	162	369
2002	530	366	143	19	2	158	372
2003	542	371	150	19	2	160	382
2004r	522	360	143	17	2	160	362
2005	513	356	140	15	2	157	356

X Not applicable.

r Revised.

1 Airfield available for public use.

2 Privately owned airfields. Not open to the public.

SOURCE: New York State Department of Transportation, Passenger Transport Division, 2006.

TABLE M-30

**Volume of Air Traffic by Certificated U.S. Flag Air Carriers¹
New York State — 2001-05**

City	Airport ²	Passenger Enplanements ³				
		2001	2002	2003	2004	2005
All Services		33,643,476	33,430,162	34,694,602	39,164,323	41,946,337
Albany	Albany County	1,463,632	1,479,128	1,435,748	1,536,263	1,533,301
Binghamton	Broome County	114,907	117,117	130,854	133,894	122,443
Buffalo	Greater Buffalo International	2,204,087	2,067,813	2,029,623	2,206,385	2,436,952
Clinton	Clinton County Airport	4,310	1,905	1,370	1,712	1,747
Elmira	Elmira/Corning Regional	104,717	91,711	91,358	97,122	86,925
Ithaca	Tompkins County	88,299	80,368	68,224	72,383	79,953
Jamestown	Chautauqua County	14,004	10,432	9,026	11,276	7,086
Massena	Massena International	3,019	2,791	1,252	3,083	3,218
New York City Area						
New York City	J.F.K. International	14,553,815	14,819,306	15,856,360	18,586,863	20,260,359
New York City	La Guardia	11,352,248	11,013,396	11,235,020	12,312,561	13,014,314
Islip	Long Island Mac Arthur	1,009,919	963,739	956,684	986,103	1,055,832
White Plains	Westchester County	456,296	453,690	433,328	462,981	462,256
Newburgh	Stewart International	197,872	180,937	196,752	250,006	199,741
Ogdensburg	Ogdensburg International	2,242	1,427	1,251	2,261	2,078
Rochester	Greater Rochester International	1,132,597	1,188,511	1,288,999	1,364,869	1,450,181
Saranac Lake	Adirondack	2,613	2,243	1,825	2,597	2,682
Syracuse	Syracuse-Hancock International	936,450	953,603	954,930	1,130,236	1,222,657
Watertown	Watertown International	2,449	2,045	1,998	3,728	4,612

- 1 Certificated Airlines provide service for public convenience and necessity.
- 2 Excludes airfields having no certificated airline services.
- 3 "Enplanements" are the total number of passengers boarding an aircraft for a one-way trip. Includes all revenue passengers boarding

aircraft in scheduled service certificated by the FAA including originating, stopover, and transfer passengers.

SOURCE: FAA DOT/TSC, ACAIS Database, material compiled by Passenger Transportation Division, New York State Department of Transportation, 2006.

