



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 almost 7 million motor vehicles registered in New York State in 2002.
- There were 113,084 miles of highway in New York State in 2002.
- There were 19,484 bridges in New York State in April 2003, of which 7,076 were deficient, and 194 were closed.
- The New York State Thruway raised almost \$147 million in revenue in 2002.
- Almost 2.6 billion passengers traveled 677 million miles by public transit in New York in 2003.
- There were 33.4 million passenger enplanements in New York State in 2002.

- | | |
|--|--|
| M-1 Highway Mileage by Functional Systems and Urban and Rural Designation, US by State: 2001 | M-13 Motor Vehicle Apparent Accident Contributing Factors, NYS: 1996-2000 |
| M-2 Motor Vehicle Registrations In Force, NYS: Selected Years 1992-2002 | M-14 Motor Vehicle Convictions by County of Court and Year of Conviction, NYS: 2002 |
| M-3 Motor Vehicle Registrations Issued, NYS: Selected Years 1930-1991 | M-15 Convictions for Motor Vehicle Violations by Year of Conviction, NYS: 1999-2002 |
| M-4 Motor Vehicle Registrations Issued by Type of Vehicle, NYS by County of Residence: 2002 | M-16 Persons Killed or Injured in Motorcycle/Moped and Bicycle Accidents, by Age and Sex, NYS: 1996-2000 |
| M-5 Motor Vehicle Registrations in Force by Type of Vehicle, NYS by County of Residence: 2002 | M-17 Highway Mileage by Jurisdiction, NYS by County: 2002 |
| M-6 Motor Vehicle Driver Licenses, NYS: Selected Years 1930-2002 | M-18 Highway Utilization, NYS: 1978-2002 |
| M-7 Motor Vehicle Driver Licenses, NYS by County of Issuance: 2002 | M-19 Bridges by Owner and Condition, NYS: as of April 2003 |
| M-8 Motor Vehicle Accidents and Accident Rates, NYS: 1979-2000 | M-20 Surface Pavement Condition on the Highway Route System, NYS: 1991 and 1998-2002 |
| M-9 Driver Licenses on File and Drivers in Accidents, by Severity of Accident and by Age and Sex of Driver, NYS: 2000 | M-21 New York State Thruway Traffic (Controlled System): 2002 |
| M-10 Motor Vehicles Involved in Accidents by Vehicle Type and Severity of Accident, NYS: 1994-96 Average, 1997-99 Average and 2000 | M-22 NYS Thruway, Bridges and Barriers — Traffic and Revenue Summary: 2001-2002 |
| M-11 Motor Vehicle Accidents by Severity, NYS by County: 1997-99 Average and 2000 | M-23 NYS Thruway, Traffic and Revenue: One-Day Records: as of December 31, 2002 |
| M-12 Motor Vehicle Accidents by Hour of Occurrence and by Day of Week, NYS: 1996-2000 | M-24 Public Transit Service, NYS: Fiscal Years 1980-81 ó 2002-03 |
| | M-25 Metropolitan Transportation Authority Summary Data, NYS: 1996-2002 |



- M-26 Rail Freight Traffic, NYS: 1978-2001
- M-27 Amtrak Ridership in NYS: 1980-2003
- M-28 Pleasure Craft Activity on the New York State Canal System by Canal Section: 1970-2002
- M-29 Airfields by Type of Facility and Use, NYS: 1974-2002
- M-30 Volume of Air Traffic by Certificated U.S. Flag Air Carriers, NYS: 1999-2002

Figures

- M-1 Motor Vehicle Accident Rates, NYS: 1979-2000
- M-2 Motor Vehicle Accident Rates by Age and Sex of Driver, NYS: 2000
- M-3 Resident Population — Percent Commuting via Public Transportation, NYS: 2000

TABLE M-1

**Highway Mileage by Functional Systems¹
and Urban and Rural Designations
United States by State — 2001(a)**

	Mileage							
	Functional Systems							
	Urban	Rural	Total	Interstate	Other Freeways and Expressways	Arterial	Collector	Local
United States	877,004	3,071,331	3,948,335	46,467	9,126	379,790	793,374	2,719,578
Alabama	20,705	73,734	94,439	906	21	8,815	20,523	64,174
Alaska	1,814	11,816	13,630	1,083	—	1,511	2,736	8,300
Arizona	18,005	37,240	55,245	1,168	143	4,716	8,515	40,703
Arkansas	10,797	87,336	98,133	656	86	6,830	20,114	70,447
California	85,485	83,286	168,771	2,455	1,372	26,862	32,318	105,764
Colorado	14,764	71,089	85,853	954	225	8,209	16,588	59,877
Connecticut	11,836	9,072	20,908	346	197	2,841	3,011	14,513
Delaware	2,004	3,810	5,814	41	14	625	939	4,195
District of Columbia	1,533	—	1,533	15	21	264	152	1,081
Florida	67,889	49,413	117,302	1,472	455	12,169	14,220	88,986
Georgia	28,153	87,380	115,533	1,245	120	13,137	23,279	77,752
Hawaii	2,102	2,175	4,277	55	34	753	820	2,615
Idaho	4,194	42,114	46,308	611	—	3,796	9,840	32,061
Illinois	36,747	101,612	138,359	2,169	88	13,990	21,629	100,483
Indiana	20,175	73,862	94,037	1,169	136	7,959	22,662	62,111
Iowa	9,928	103,511	113,439	782	—	9,553	31,546	71,558
Kansas	10,426	124,300	134,726	874	133	9,191	33,350	91,178
Kentucky	11,807	67,105	78,912	762	90	5,527	17,601	54,932
Louisiana	13,939	46,890	60,829	894	48	5,300	12,543	42,044
Maine	2,630	20,041	22,671	367	18	2,291	5,973	14,022
Maryland	14,506	16,117	30,623	481	234	3,573	5,022	21,313
Massachusetts	23,153	12,257	35,410	566	211	5,620	5,489	23,524
Michigan	30,101	91,688	121,789	1,241	222	12,261	25,722	82,343
Minnesota	16,217	116,062	132,279	912	150	12,770	29,565	88,882
Mississippi	8,104	65,596	73,700	685	41	7,107	15,517	50,350
Missouri	17,614	106,711	124,325	1,180	319	9,403	24,978	88,445
Montana	2,603	66,900	69,503	1,191	—	6,010	16,380	45,922
Nebraska	5,198	87,567	92,765	482	17	7,903	20,787	63,576
Nevada	5,666	32,990	38,656	560	50	2,867	5,222	29,957
New Hampshire	2,996	12,512	15,508	224	40	1,552	2,722	10,970
New Jersey	24,203	11,972	36,175	431	313	5,358	4,554	25,519
New Mexico	5,964	53,920	59,884	1,000	11	4,574	6,936	47,363
New York	41,121	71,839	112,960	1,674	793	13,505	20,559	76,429
North Carolina	23,783	77,412	101,195	1,025	280	8,936	17,792	73,162
North Dakota	1,834	84,756	86,590	572	—	5,872	11,569	68,577
Ohio	33,602	83,666	117,268	1,573	394	10,636	22,112	82,553
Oklahoma	13,367	99,329	112,696	930	144	7,860	25,376	78,386
Oregon	11,164	55,620	66,784	727	55	6,688	17,336	41,978
Pennsylvania	34,526	85,460	119,986	1,758	490	13,160	19,788	84,790
Rhode Island	4,718	1,333	6,051	70	69	845	856	4,211
South Carolina	10,667	55,500	66,167	829	71	6,864	13,378	45,025
South Dakota	2,106	81,454	83,560	678	—	6,299	19,280	57,303
Tennessee	17,852	69,973	87,825	1,073	121	8,740	18,079	59,812
Texas	82,231	218,536	300,767	3,234	1,129	28,343	63,134	204,927
Utah	7,778	34,429	42,207	938	8	3,337	7,824	30,100
Vermont	1,383	12,906	14,289	320	19	1,298	3,123	9,529
Virginia	19,063	51,654	70,717	1,118	224	8,176	14,116	47,083
Washington	18,190	62,794	80,984	764	314	7,293	16,798	55,815
West Virginia	3,119	33,878	36,997	549	9	3,237	8,783	24,419
Wisconsin	16,776	95,888	112,664	745	194	11,693	21,527	78,505
Wyoming	2,466	24,826	27,292	913	3	3,671	10,691	12,014

— 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, 2003*, <http://www.census.gov/prod/2004pubs/03statab/trans.pdf> (last viewed March 2, 2004); United States Federal Highway Administration, *Highway Statistics*, annual.

TABLE M-2
Motor Vehicle Registrations In Force
New York State — 1992-2002
(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
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
2002	11,369	8,843	1,046	240	10	25

NA Not available.

1 Include 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. Because exempt registrations are valid for one year, this number closely corresponds to the number of exempt registrations in force. 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 1930-1991
(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; since many registrations are two-year.

1 Include 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 — 2002**

County of Residence	All Paid Registrations ¹	Type of Vehicle			
		Passenger	Commercial	Motorcycle	Moped
All Registrations ^{2,3}	6,949,161	4,942,980	718,422	229,235	9,826
New York State ²	6,820,031	4,892,655	690,409	228,594	9,753
New York City	1,294,616	1,088,160	55,192	25,775	1,436
Bronx	173,368	149,689	6,192	2,677	96
Kings	309,191	257,965	13,332	5,192	271
New York	160,915	132,657	8,606	5,568	569
Queens	497,776	413,120	23,228	8,302	399
Richmond	153,366	134,729	3,834	4,036	101
Rest of State	5,525,415	3,804,495	635,217	202,819	8,317
Albany	135,897	93,125	15,721	4,728	147
Allegany	25,445	12,840	5,748	1,115	62
Broome	100,052	65,438	14,147	3,780	109
Cattaraugus	43,388	23,160	9,302	2,111	61
Cayuga	43,816	23,239	8,383	1,719	108
Chautauqua	71,196	41,012	12,602	3,250	142
Chemung	46,966	28,648	7,058	1,905	108
Chenango	30,574	16,087	6,008	1,574	56
Clinton	46,554	23,087	8,134	2,222	98
Columbia	37,562	23,274	5,583	1,573	51
Cortland	25,025	13,504	5,073	1,164	45
Delaware	32,065	17,385	6,168	1,428	55
Dutchess	149,989	109,876	13,421	6,497	148
Erie	439,376	293,044	51,062	14,037	586
Essex	23,839	11,447	4,813	971	48
Franklin	29,036	13,331	5,742	1,217	52
Fulton	32,259	17,315	5,169	1,502	65
Genesee	35,249	18,772	6,852	1,526	100
Greene	31,092	18,384	4,464	1,625	72
Hamilton	4,630	1,919	980	198	13
Herkimer	35,278	18,888	6,452	1,704	102
Jefferson	58,919	29,257	11,009	2,056	162
Lewis	18,587	6,911	4,328	647	72
Livingston	37,230	19,646	7,295	1,826	65
Madison	39,193	20,875	7,171	1,809	113
Monroe	352,883	248,007	39,043	11,859	424
Montgomery	29,351	16,131	4,969	1,376	56
Nassau	588,203	511,604	21,562	14,243	689
Niagara	113,247	70,334	15,568	4,956	237
Oneida	118,177	71,155	17,494	4,888	250
Onondaga	225,956	148,143	33,216	7,155	279
Ontario	60,792	33,256	10,713	2,702	128
Orange	173,246	123,142	17,882	7,301	132
Orleans	24,453	12,699	4,668	1,099	57
Oswego	72,395	35,953	13,317	2,918	137
Otsego	34,198	19,003	6,421	1,569	90
Putnam	55,914	43,315	3,651	2,614	37
Rensselaer	77,653	49,604	11,232	3,573	91
Rockland	128,004	108,355	5,875	4,009	90
St. Lawrence	66,499	28,422	12,823	2,231	199
Saratoga	116,974	71,471	15,995	4,930	156
Schenectady	76,698	51,920	9,056	3,235	91
Schoharie	20,611	10,839	3,780	1,231	37
Schuyler	12,080	5,952	2,544	644	42
Seneca	19,914	10,072	3,605	864	96
Steuben	57,909	31,399	11,261	2,619	117
Suffolk	742,323	577,059	56,023	24,575	1,078
Sullivan	45,027	27,756	6,308	1,930	73
Tioga	29,468	16,607	5,660	1,211	36
Tompkins	41,343	26,211	6,423	1,790	97
Ulster	99,844	65,904	12,862	5,106	133
Warren	39,405	22,045	6,515	1,647	74
Washington	35,881	18,003	7,395	1,822	49
Wayne	60,096	30,911	10,569	3,341	176
Westchester	393,767	340,237	17,044	11,227	406
Wyoming	25,265	11,627	5,860	1,310	43
Yates	14,622	6,895	3,198	660	77
Out of State	129,130	50,325	28,013	641	73

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 — 2002

County of Residence	All Registrations In Force ¹	Type of Vehicle			
		Passenger	Commercial	Motorcycle	Moped
All Registrations ^{2,3}	10,580,261	8,736,104	1,068,925	229,508	9,802
New York State ²	10,445,409	8,677,915	1,033,323	229,047	9,743
New York City	1,946,207	1,769,774	76,900	24,966	1,577
Bronx	255,087	235,939	8,681	2,462	118
Kings	439,716	399,082	18,268	4,975	324
New York	249,716	223,111	12,647	5,560	618
Queens	749,146	675,833	31,603	7,968	411
Richmond	252,542	235,809	5,701	4,001	106
Rest of State	8,499,202	6,908,141	956,423	204,081	8,166
Albany	213,863	172,903	25,707	4,712	135
Allegany	35,886	23,745	8,840	1,113	62
Broome	153,977	121,354	21,657	3,687	106
Cattaraugus	62,565	42,767	14,516	2,104	63
Cayuga	61,828	42,624	12,911	1,792	107
Chautauqua	103,017	74,990	19,154	3,278	131
Chemung	68,989	52,372	10,917	1,884	87
Chenango	43,094	29,832	8,991	1,568	54
Clinton	63,984	44,763	12,186	2,329	93
Columbia	56,587	43,122	8,411	1,559	51
Cortland	36,185	25,236	7,534	1,243	47
Delaware	45,860	32,349	9,184	1,430	53
Dutchess	235,936	201,202	18,831	6,470	146
Erie	677,129	537,051	77,656	14,236	580
Essex	32,780	22,011	7,413	1,003	47
Franklin	37,808	25,261	8,649	1,244	52
Fulton	44,095	31,861	7,777	1,471	67
Genesee	50,628	34,971	10,593	1,512	95
Greene	46,136	34,281	6,767	1,699	68
Hamilton	5,978	3,656	1,457	202	13
Herkimer	48,977	34,261	9,798	1,827	93
Jefferson	79,381	53,887	17,391	2,062	170
Lewis	22,309	13,253	6,645	660	69
Livingston	52,601	36,181	11,221	1,749	63
Madison	54,941	37,513	11,698	1,853	101
Monroe	548,738	450,873	58,642	11,535	450
Montgomery	41,362	29,583	7,368	1,382	57
Nassau	977,525	909,745	30,602	14,272	671
Niagara	167,825	130,441	23,377	4,993	224
Oneida	172,143	129,458	27,483	5,162	233
Onondaga	342,362	267,252	48,850	7,307	280
Ontario	86,798	61,669	16,416	2,665	120
Orange	271,659	225,578	25,937	7,411	138
Orleans	33,487	23,581	6,629	1,050	60
Oswego	95,726	65,378	20,764	2,942	126
Otsego	49,598	35,301	9,856	1,598	87
Putnam	89,702	78,594	5,209	2,610	36
Rensselaer	118,114	91,236	17,632	3,628	75
Rockland	212,422	194,555	8,237	4,114	89
St. Lawrence	82,890	53,755	19,514	2,299	202
Saratoga	174,539	133,588	25,188	5,084	155
Schenectady	120,183	96,672	14,670	3,220	95
Schoharie	29,373	20,272	5,839	1,246	34
Schuyler	16,518	11,015	3,769	630	41
Seneca	27,972	19,061	5,619	844	102
Steuben	81,586	56,970	16,828	2,658	118
Suffolk	1,177,609	1,028,881	78,435	24,889	1,060
Sullivan	65,518	50,007	9,212	1,923	75
Tioga	43,404	30,986	8,896	1,205	31
Tompkins	63,316	48,644	9,910	1,823	97
Ulster	153,227	121,262	19,254	5,130	127
Warren	56,906	41,186	10,137	1,700	75
Washington	50,773	33,590	11,579	1,810	48
Wayne	82,776	56,589	16,524	3,339	176
Westchester	656,279	606,346	24,571	10,968	415
Wyoming	54,410	21,667	8,805	1,304	42
Yates	19,928	12,960	4,767	653	74
Out of State	134,852	58,189	35,602	461	59
County Unknown	115	73	31	—	—

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 of a particular date.

Some users of our annual report of Registrations Issued have used the data in that report to estimate the 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 1930-2002

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

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 — 2002

County of Issuance	Licenses Issued ¹			Licenses on File ³
	Total	Original ²	Renewal	
New York State	2,024,308	180,405	1,843,903	11,021,561
New York City	463,655	68,045	395,610	3,192,689
Rest of State	1,560,653	112,360	1,448,293	7,789,389
Albany	259,996	4,834	255,162	196,051
Allegany	3,942	367	3,575	32,766
Broome	25,385	2,356	23,029	141,797
Cattaraugus	13,951	1,123	12,828	58,274
Cayuga	10,900	813	10,087	55,104
Chautauqua	19,240	1,700	17,540	95,660
Chemung	9,714	970	8,744	61,996
Chenango	5,568	488	5,080	37,679
Clinton	11,007	1,079	9,928	54,590
Columbia	8,052	766	7,286	47,478
Cortland	7,894	595	7,299	32,410
Delaware	9,661	862	8,799	37,943
Dutchess	36,253	3,648	32,605	202,993
Erie	99,360	7,565	91,795	638,220
Essex	3,767	425	3,342	28,256
Franklin	7,227	684	6,543	33,947
Fulton	7,044	546	6,498	39,922
Genesee	9,221	546	8,675	44,092
Greene	6,329	548	5,781	37,062
Hamilton	913	96	817	4,860
Herkimer	7,452	532	6,920	45,637
Jefferson	11,526	1,964	9,562	69,664
Lewis	4,640	301	4,339	19,535
Livingston	9,857	675	9,182	44,801
Madison	11,723	891	10,832	49,634
Monroe	86,154	7,373	78,781	506,097
Montgomery	5,875	371	5,504	35,787
Nassau	125,821	7,904	117,917	979,873
Niagara	34,299	2,223	32,076	156,921
Oneida	57,515	1,817	55,698	160,384
Onondaga	46,616	4,010	42,606	316,011
Ontario	12,845	1,170	11,675	75,173
Orange	40,969	4,871	36,098	235,932
Orleans	6,693	406	6,287	29,483
Oswego	18,983	1,342	17,641	85,743
Otsego	8,341	783	7,558	43,852
Putnam	17,589	1,560	16,029	75,230
Rensselaer	20,155	1,809	18,346	107,584
Rockland	30,185	3,195	26,990	204,622
St. Lawrence	14,514	1,115	13,399	74,174
Saratoga	31,335	3,400	27,935	155,959
Schenectady	16,537	1,366	15,171	111,989
Schoharie	6,036	445	5,591	23,523
Schuyler	3,320	343	2,977	13,843
Seneca	5,249	515	4,734	24,144
Steuben	12,977	1,239	11,738	71,983
Suffolk	185,904	12,931	172,973	1,057,556
Sullivan	9,219	936	8,283	55,185
Tioga	5,973	643	5,330	37,661
Tompkins	12,169	2,197	9,972	60,479
Ulster	17,395	1,705	15,690	130,991
Warren	8,982	941	8,041	49,936
Washington	10,002	841	9,161	43,238
Wayne	7,676	567	7,109	68,683
Westchester	93,361	9,540	83,821	640,441
Wyoming	4,126	198	3,928	29,654
Yates	3,216	230	2,986	16,887
County Unknown ⁴	—	—	—	39,483

— Represents zero.

1 Includes all classes of licenses.

2 A first-time license in New York State.

3 County of Residence.

4 Not included in Rest of State total.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-8

Motor Vehicle Accidents and Accident Rates New York State — 1979-2000

Year	Accidents			Persons Killed	Persons Injured	Estimated Population ²	Motor Vehicles Registered	Estimated Million Vehicle Miles of Travel ³
	Total	Fatal and Injury	Property Damage ¹					
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
1997 ^a	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

--- 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 ^a	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

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 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.

2 Based on U.S. Bureau of the Census data. For 1976-1979, estimates were prepared by the New York State Department of Commerce, State

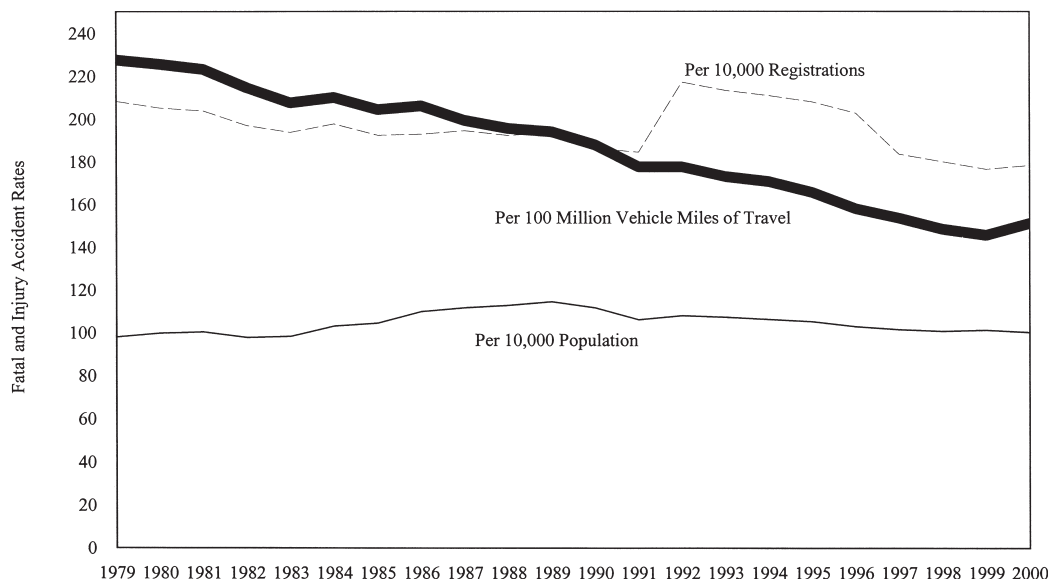
Data Center; 1981-1984 based on interpolation of 1980 Census data; and for 1985, State Data Center estimates. 1986, 1987 and 1988 population figures are based on interpolation of 1985 and 1990 estimates by the State Data Center; 1991 and 1992 population figures are estimates based on the 1990 United 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.

3 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; <http://www.nysdmv.com/Statistics/acc91-2k.htm> (last viewed February 24, 2004).

FIGURE M-1

**Motor Vehicle Accident Rates¹
New York State — 1979-2000**



1 For accidents involving death and/or injury. Excludes accidents involving property damage only.

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 — 2000**

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
All Drivers	10,871,308	100.0%	675,949	100.0%	622	2,000	342,710	331,239
Male	5,706,562	52.5	411,996	61.0	722	1,504	211,975	198,517
Under 18	78,353	0.7	13,503	2.0	1,723	51	6,149	7,303
18-20	237,214	2.2	34,553	5.1	1,457	151	17,229	17,173
21-24	355,561	3.3	40,872	6.0	1,150	164	21,635	19,073
25-29	504,164	4.6	46,929	6.9	931	173	25,309	21,447
30-39	1,267,809	11.7	97,883	14.5	772	326	52,783	44,774
40-49	1,227,279	11.3	79,109	11.7	645	289	41,064	37,756
50-59	907,211	8.3	48,918	7.2	539	158	23,984	24,776
60-64	303,182	2.8	14,319	2.1	472	41	7,005	7,273
65-69	252,906	2.3	10,229	1.5	404	32	4,775	5,422
70-74	227,110	2.1	8,469	1.3	373	36	3,935	4,498
75-79	175,848	1.6	6,326	0.9	360	30	2,863	3,433
80 and over	169,925	1.6	5,724	0.8	337	50	2,687	2,987
Age Unknown	—	—	5,162	0.8	X	3	2,557	2,602
Female	5,164,746	47.5	227,235	33.6	440	452	116,024	110,759
Under 18	63,800	0.6	8,989	1.3	1,409	18	4,331	4,640
18-20	196,839	1.8	20,320	3.0	1,032	41	10,257	10,022
21-24	303,945	2.8	22,582	3.3	743	31	11,761	10,790
25-29	444,437	4.1	24,782	3.7	558	39	13,461	11,282
30-39	1,135,336	10.4	52,999	7.8	467	83	28,163	24,753
40-49	1,111,887	10.2	44,631	6.6	401	85	22,619	21,927
50-59	850,136	7.8	26,695	3.9	314	66	13,243	13,386
60-64	275,610	2.5	7,043	1.0	256	18	3,404	3,621
65-69	229,737	2.1	5,377	0.8	234	9	2,480	2,888
70-74	215,104	2.0	5,102	0.8	237	20	2,325	2,757
75-79	173,057	1.6	4,161	0.6	240	15	1,894	2,252
80 and over	164,858	1.5	3,604	0.5	219	26	1,636	1,942
Age Unknown	—	—	950	0.1	X	1	450	499
Sex not specified	—	—	36,718	5.4	X	44	14,711	21,963

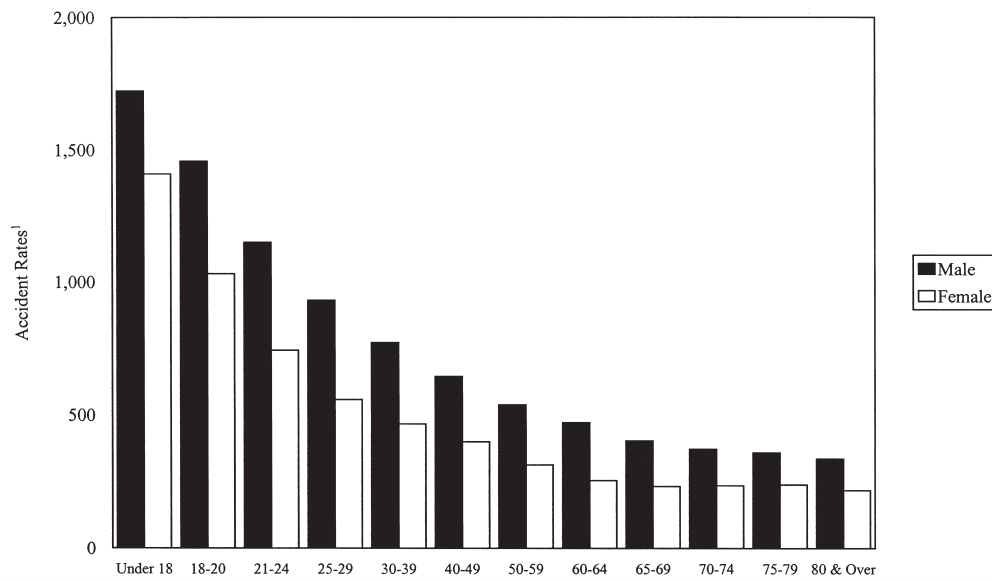
— Represents zero.

X Not applicable.

1 Per 10,000 licensed drivers.

SOURCE: New York State Department of Motor Vehicles.

FIGURE M-2
Motor Vehicle Accident Rates¹
by Age and Sex of Driver
New York State — 2000



¹ Per 10,000 licensed drivers.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-10
Motor Vehicles Involved in Accidents
by Vehicle Type and Severity of Accident
New York State
1994-96 Average, 1997-99 Average and 2000

Vehicle Type	Total			Fatal		
	1994-96 Average	1997-99 Average	2000	1994-96 Average	1997-99 Average	2000
All Vehicles	470,663	565,494	714,839	2,331	2,226	2,118
Passenger Cars	370,894	445,405	557,287	1,626	1,556	1,456
Motorcycle	3,743	3,878	4,308	97	117	126
Moped	138	103	142	1	—	1
For Hire ¹	23,316	25,628	31,275	84	75	74
School Bus	880	1,242	1,899	10	12	6
Emergency Vehicle	2,315	2,566	3,181	14	12	18
Truck/Tractor Trailer	48,785	62,561	75,240	436	395	385
Towing Vehicles	518	719	914	5	3	5
All Others	20,072	23,378	40,592	60	56	47
Unspecified	3	14	1	—	—	—

Vehicle Type	Personal Injury			Property Damage		
	1994-96 Average	1997-99 Average	2000	1994-96 Average	1997-99 Average	2000
All Vehicles	348,275	338,362	353,778	120,057	224,905	358,943
Passenger Cars	275,028	268,876	281,054	94,241	174,973	274,777
Motorcycle	3,546	3,507	3,694	100	254	488
Moped	136	96	127	1	7	14
For Hire ¹	20,417	20,044	20,769	2,815	5,509	10,432
School Bus	645	721	921	226	509	972
Emergency Vehicle	2,078	1,871	1,840	223	683	1,323
Truck/Tractor Trailer	33,851	31,778	28,980	14,497	30,387	45,875
Towing Vehicles	404	451	453	109	265	456
All Others	12,168	11,010	15,940	7,844	12,312	24,605
Unspecified	1	9	—	2	5	1

NOTE: Because of rounding, totals composed of the three year averages of each vehicle type may differ slightly from the three year total of all vehicles.

¹ Includes buses, taxis, livery, rental, and other for hire vehicles but excludes school buses.

SOURCE: New York State Department of Motor Vehicles.

— Represents zero.

TABLE M-11

Motor Vehicle Accidents by Severity
New York State by County — 1997-99 Average and 2000

County of Occurrence	Total ¹		Fatal		Personal Injury		Property Damage ²	
	1997-99 Average	2000	1997-99 Average	2000	1997-99 Average	2000	1997-99 Average	2000
New York State	309,039	392,246	1,448	1,358	182,353	188,771	125,238	202,117
New York City	101,572	125,550	384	348	79,796	83,273	21,392	41,929
Bronx	14,779	19,953	60	49	11,312	13,194	3,407	6,710
Kings	31,544	38,152	121	105	26,264	27,191	5,159	10,856
New York	19,954	24,609	69	70	15,211	14,624	4,675	9,915
Queens	29,887	36,578	118	100	22,961	24,459	6,808	12,019
Richmond	5,408	6,258	17	24	4,048	3,805	1,343	2,429
Rest of State	207,467	266,696	1,063	1,010	102,557	105,498	103,847	160,188
Albany	6,327	8,501	18	23	3,052	3,138	3,257	5,340
Allegany	725	890	8	4	325	297	392	589
Broome	3,622	4,970	19	19	1,667	1,854	1,936	3,097
Cattaraugus	1,115	1,606	12	13	630	648	472	945
Cayuga	1,255	1,717	11	10	634	680	610	1,027
Chautauqua	2,475	3,444	18	18	1,090	1,091	1,367	2,335
Chemung	1,264	1,652	10	6	679	690	575	956
Chenango	933	1,250	8	9	400	413	525	828
Clinton	1,241	1,940	11	15	607	603	623	1,322
Columbia	1,266	1,492	12	11	559	485	695	996
Cortland	1,083	1,326	8	3	420	384	655	939
Delaware	919	1,226	8	14	400	420	511	792
Dutchess	5,708	7,041	29	29	2,764	2,755	2,915	4,257
Erie	13,655	16,917	76	63	7,870	8,324	5,710	8,530
Essex	712	1,033	5	9	339	324	369	700
Franklin	799	1,150	5	9	377	353	417	788
Fulton	946	1,376	4	2	463	476	480	898
Genesee	1,522	1,895	13	11	594	626	915	1,258
Greene	879	1,168	11	7	398	392	470	769
Hamilton	143	206	1	2	52	62	90	142
Herkimer	906	1,302	6	10	435	463	465	829
Jefferson	1,803	2,370	10	13	827	756	966	1,601
Lewis	466	656	5	6	174	183	287	467
Livingston	1,279	1,683	6	8	445	454	828	1,221
Madison	1,190	1,689	11	9	519	552	660	1,128
Monroe	14,681	18,852	42	48	6,149	6,598	8,490	12,206
Montgomery	999	1,336	4	6	443	372	552	958
Nassau	31,637	37,716	112	94	16,814	17,304	14,711	20,318
Niagara	3,355	4,100	19	13	1,845	1,894	1,491	2,193
Oneida	4,601	6,335	23	18	2,196	2,202	2,382	4,115
Onondaga	9,750	13,010	37	20	4,495	4,431	5,219	8,559
Ontario	2,618	3,554	14	14	820	857	1,784	2,683
Orange	6,866	9,604	38	30	3,400	3,662	3,429	5,912
Orleans	654	848	8	2	278	262	368	584
Oswego	2,385	3,360	22	24	1,026	1,083	1,337	2,253
Otsego	1,263	1,572	9	9	516	504	737	1,059
Putnam	1,950	2,649	13	10	966	959	971	1,680
Rensselaer	2,400	3,106	13	15	1,230	1,249	1,158	1,842
Rockland	5,474	7,262	25	18	2,926	3,160	2,524	4,084
St. Lawrence	1,997	2,867	18	21	709	742	1,270	2,104
Saratoga	2,678	3,314	18	16	1,439	1,421	1,222	1,877
Schenectady	2,544	3,108	6	13	1,175	1,221	1,362	1,874
Schoharie	507	731	6	2	226	249	275	480
Schuyler	269	524	2	1	129	147	138	376
Seneca	681	1,023	5	6	257	272	420	745
Steuben	1,476	2,318	15	13	705	801	757	1,504
Suffolk	28,104	34,854	154	151	14,750	15,233	13,199	19,470
Sullivan	1,448	2,018	13	11	748	712	687	1,295
Tioga	858	1,116	3	4	341	347	514	765
Tompkins	1,688	2,561	7	6	681	740	999	1,815
Ulster	3,425	4,583	17	21	1,772	1,800	1,636	2,762
Warren	1,614	2,080	7	7	695	678	911	1,395
Washington	970	1,274	8	11	458	430	504	833
Wayne	1,469	1,941	13	11	670	647	786	1,283
Westchester	15,954	19,153	52	56	8,544	8,672	7,358	10,425
Wyoming	725	1,179	10	11	314	310	401	858
Yates	191	248	4	5	119	116	68	127

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.

1 Based on submitted reports for reportable accidents. A reportable accident is one which involved injury or death, or damage or more than \$600 to the property of any one person. Effective August 1, 1991, the property damage threshold was raised to \$1,000.

2 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.

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 — 1996-2000**

Time Period	All Accidents ¹					Fatal Accidents ¹				
	1996	1997	1998	1999	2000	1996	1997	1998	1999	2000
Total	250,521	263,604	306,646	356,981	392,245	1,451	1,488	1,395	1,460	1,358
Hour of Occurrence										
A.M.										
12:00 - 12:59	3,691	4,153	4,918	5,815	6,733	39	48	30	48	40
1:00 - 1:59	4,884	4,953	5,371	6,005	6,367	64	48	52	37	43
2:00 - 2:59	4,680	4,785	4,988	5,408	5,701	51	62	47	64	49
3:00 - 3:59	4,226	4,135	4,246	4,370	4,652	44	52	44	44	55
4:00 - 4:59	3,697	3,716	4,205	4,358	4,731	55	62	41	34	40
5:00 - 5:59	3,938	4,151	4,542	5,149	5,557	39	37	32	47	38
6:00 - 6:59	6,107	6,403	7,244	8,621	9,354	48	67	41	47	47
7:00 - 7:59	10,980	11,515	12,906	15,032	16,220	42	42	44	63	50
8:00 - 8:59	14,180	14,777	16,213	19,151	20,703	38	51	50	57	37
9:00 - 9:59	11,988	12,192	13,037	15,626	16,956	49	51	48	41	41
10:00 - 10:59	11,728	11,701	13,298	15,192	16,607	37	77	51	56	57
11:00 - 11:59	13,438	13,482	15,715	17,583	19,125	60	78	69	66	49
P.M.										
12:00 - 12:59	15,023	14,838	17,688	20,359	21,400	61	74	80	77	62
1:00 - 1:59	13,028	13,622	16,095	19,300	21,418	63	58	47	51	64
2:00 - 2:59	14,718	15,790	19,085	22,678	25,209	72	74	65	68	72
3:00 - 3:59	16,511	17,351	21,068	25,531	27,519	77	73	89	92	68
4:00 - 4:59	17,314	18,540	21,526	26,274	28,646	79	61	79	78	91
5:00 - 5:59	17,644	19,387	23,077	27,546	29,997	83	85	81	90	63
6:00 - 6:59	14,194	15,205	18,340	21,940	24,012	107	77	82	74	85
7:00 - 7:59	10,847	11,538	13,991	17,039	18,920	73	70	77	67	71
8:00 - 8:59	8,728	9,476	11,149	13,709	15,723	74	70	63	77	58
9:00 - 9:59	7,622	8,133	10,005	12,158	14,199	67	54	57	63	63
10:00 - 10:59	6,524	7,187	8,677	10,346	12,107	52	60	50	57	48
11:00 - 11:59	5,995	6,321	7,684	9,128	10,512	71	48	70	53	52
Not Stated	8,836	10,253	11,578	8,663	9,877	6	9	6	9	15
Day of Week										
Sunday	27,761	29,806	33,881	40,209	44,928	195	231	215	207	197
Monday	34,761	37,504	41,412	52,538	53,624	182	210	169	189	192
Tuesday	37,930	36,945	45,634	52,314	56,041	213	176	203	184	174
Wednesday	35,921	38,514	44,485	50,882	56,214	168	204	183	208	176
Thursday	35,905	38,857	47,444	52,631	58,473	203	207	204	206	192
Friday	42,588	44,591	51,134	60,627	66,617	211	233	201	207	212
Saturday	35,655	37,387	42,656	47,780	56,348	279	227	220	259	215

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. (Prior to August 1, 1991, the reporting level was \$600.)

SOURCE: New York State Department of Motor Vehicles.

TABLE M-13
Motor Vehicle Apparent Accident Contributing Factors
New York State
1996-2000

	1996		1997		1998		1999		2000	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Apparent Contributing Factors Reported ¹	481,429	100.0%	507,260	100.0%	595,000	100.0%	689,101	100.0%	747,216	100.0%
Human	209,673	43.6	222,969	44.0	265,169	38.5	312,481	41.8	344,232	46.1
Alcohol Involvement	7,377	1.5	7,715	1.5	8,678	1.3	9,114	1.2	10,090	1.4
Backing Unsafely	3,409	0.7	4,122	0.8	6,368	0.9	8,488	1.1	9,773	1.3
Driver Inattention	33,011	6.9	35,852	7.1	43,961	6.4	56,500	7.6	66,293	8.9
Driver Inexperience	3,681	0.8	4,168	0.8	4,979	0.7	6,228	0.8	6,589	0.9
Drugs (Illegal)	277	0.1	257	0.1	362	0.1	421	0.1	405	0.1
Failed to Yield Right-of-Way	35,372	7.3	37,988	7.5	45,317	6.6	50,033	6.7	53,999	7.2
Fell Asleep	2,478	0.5	2,426	0.5	3,138	0.5	3,427	0.5	3,438	0.5
Following Too Closely	25,845	5.4	28,412	5.6	36,143	5.2	42,995	5.8	46,721	6.3
Illness	506	0.1	592	0.1	645	0.1	708	0.1	752	0.1
Lost Consciousness	651	0.1	710	0.1	817	0.1	792	0.1	817	0.1
Passenger Distraction	805	0.2	904	0.2	1,096	0.2	1,283	0.2	1,289	0.2
Passing/Lane Usage Improper	8,115	1.7	9,067	1.8	11,197	1.6	13,719	1.8	15,150	2.0
Pedestrian Error/Confusion	4,558	0.9	4,411	0.9	4,650	0.7	4,355	0.6	4,408	0.6
Bicyclist Error/Confusion	2,821	0.6	2,820	0.6	2,754	0.4	2,570	0.3	2,567	0.3
Physical Disability	224	—	233	—	269	—	265	—	272	—
Prescription Medication	184	—	200	—	266	—	244	—	271	—
Traffic Control Disregarded	12,289	2.6	12,577	2.5	13,527	2.0	15,149	2.0	16,137	2.2
Turning Improperly	7,412	1.5	8,078	1.6	9,891	1.4	11,727	1.6	12,688	1.7
Unsafe Speed	21,176	4.4	21,825	4.3	23,811	3.5	28,408	3.8	33,065	4.4
Unsafe Lane Changing	6,272	1.3	6,804	1.3	8,485	1.2	11,262	1.5	12,790	1.7
Other Human Factors	33,210	6.9	33,810	6.7	38,815	5.6	44,793	6.0	46,718	6.3
Vehicular	11,712	2.4	11,490	2.3	12,805	1.9	14,826	2.0	15,328	2.1
Accelerator Defective	337	0.1	341	0.1	379	0.1	409	0.1	390	0.1
Brakes Defective	1,943	0.4	2,087	0.4	2,398	0.3	2,495	0.3	2,566	0.3
Headlight Defective	88	—	70	—	78	—	62	—	91	—
Other Lighting Defects	217	—	200	—	208	—	260	—	203	—
Oversize Vehicle	295	0.1	281	0.1	435	0.1	711	0.1	786	0.1
Steering Failure	535	0.1	466	0.1	619	0.1	672	0.1	669	0.1
Tire Failure/Inadequate	959	0.2	1,016	0.2	1,222	0.2	1,441	0.2	1,586	0.2
Tow Hitch Defective	81	—	64	—	99	—	103	—	128	—
Windshield Inadequate	52	—	47	—	58	—	58	—	57	—
Other Vehicular Factors	7,205	1.5	6,918	1.4	7,309	1.1	8,615	1.2	8,852	1.2
Environmental	51,706	10.7	51,230	10.1	58,808	8.5	74,181	9.9	85,281	11.4
Actions of Animals	4,706	1.0	9,128	1.8	16,689	2.4	21,840	2.9	24,330	3.3
Glare	2,031	0.4	2,552	0.5	2,757	0.4	3,475	0.5	3,655	0.5
Lane Marking Improper/Inadequate	173	—	185	—	175	—	244	—	254	—
Obstruction/Debris	1,520	0.3	1,399	0.3	1,767	0.3	2,268	0.3	2,387	0.3
Pavement Defective	651	0.1	518	0.1	479	0.1	603	0.1	648	0.1
Pavement Slippery	33,106	6.9	28,318	5.6	26,360	3.8	33,370	4.5	41,494	5.6
Shoulders Defective/Improper	135	—	109	—	140	—	150	—	129	—
Traffic Control Device Improper/ Non-working	830	—	680	0.1	697	0.1	713	0.1	744	0.1
View Obstructed/Limited	5,735	1.2	5,716	1.1	6,656	1.0	7,834	1.0	7,592	1.0
Other Environmental Factors	2,819	0.6	2,625	0.5	3,088	0.4	3,684	0.5	4,048	0.5
Unspecified	52,365	10.9	64,568	12.7	61,405	8.9	55,915	7.5	53,027	7.1
None	155,973	32.4	157,003	31.0	196,813	28.6	231,698	31.0	249,348	33.4

NOTE: Percentages may not add to totals and/or subtotals due to rounding.

SOURCE: New York State Department of Motor Vehicles.

— Represents zero.

1 Details do not add to totals because there may have been No Apparent Contributing Factors reported, or there may have been one or more reported per accident.

TABLE M-14
Motor Vehicle Convictions
by County of Court and Year of Conviction
New York State — 2002

County of Court	All Convictions	Speeding	Disobeyed Traffic Device	Improper Turn	Failed to Yield	Failed to Keep Right	Passing/Lane Change
New York State	1,891,143	420,525	397,652	33,597	17,415	10,491	26,851
New York City	715,665	89,767	164,311	28,342	2,685	534	10,771
Bronx	100,697	20,103	19,075	6,167	480	135	1,331
Kings	179,875	20,051	41,191	5,893	670	116	2,159
New York	190,767	7,836	53,975	10,627	549	75	1,633
Queens	184,977	27,167	38,953	5,282	824	150	3,685
Richmond	59,349	14,610	11,117	373	162	58	1,963
Rest of State	1,175,478	330,758	233,341	5,255	14,730	9,957	16,080
Albany	35,828	8,253	9,778	58	239	180	265
Allegany	5,820	1,957	1,540	8	49	87	45
Broome	26,070	7,006	7,564	89	425	160	278
Cattaraugus	11,615	4,860	1,556	19	157	173	80
Cayuga	7,940	2,476	1,653	16	84	98	60
Chautauqua	23,394	10,061	5,037	39	211	192	133
Chemung	12,825	4,771	2,665	107	297	86	144
Chenango	5,706	2,038	1,102	31	74	84	19
Clinton	13,116	5,378	1,716	32	184	149	106
Columbia	13,639	6,010	3,194	9	56	118	46
Cortland	9,638	4,006	1,232	11	89	119	84
Delaware	6,754	2,604	1,579	5	29	89	23
Dutchess	36,010	11,739	7,961	124	226	286	277
Erie	60,761	14,387	13,869	177	746	536	660
Essex	12,330	5,970	1,626	14	46	135	35
Franklin	5,779	1,443	1,290	15	55	91	33
Fulton	4,658	692	599	22	106	53	32
Genesee	11,465	4,321	4,285	8	97	61	78
Greene	10,360	4,696	1,832	15	44	81	48
Hamilton	1,571	587	453	1	2	28	6
Herkimer	8,282	3,652	796	4	68	68	41
Jefferson	14,713	5,696	2,168	16	159	258	92
Lewis	2,226	658	237	3	20	63	5
Livingston	12,487	5,515	3,213	11	95	92	44
Madison	7,416	2,470	1,302	11	105	69	29
Monroe	78,092	13,395	23,822	186	523	297	973
Montgomery	8,628	4,483	625	9	46	62	55
Nassau	119,525	14,163	22,644	1,724	5,485	655	4,376
Niagara	13,670	3,531	1,539	40	162	102	88
Oneida	26,866	6,664	2,317	370	303	296	143
Onondaga	28,666	6,934	4,124	91	275	155	263
Ontario	17,463	6,926	4,660	19	245	155	93
Orange	45,427	14,298	9,428	116	336	403	420
Orleans	3,221	862	911	5	31	24	6
Oswego	11,227	3,381	1,617	16	210	160	40
Otsego	8,089	3,317	1,724	9	90	115	32
Putnam	10,375	3,637	1,858	7	53	100	72
Rensselaer	15,329	4,640	2,558	20	85	109	97
Rockland	21,489	5,139	4,676	82	161	242	254
St. Lawrence	11,068	3,652	657	14	135	184	37
Saratoga	20,950	6,243	4,934	35	311	196	188
Schenectady	12,813	3,696	2,545	21	114	92	64
Schoharie	4,507	1,855	688	4	30	53	42
Schuyler	1,937	641	531	4	21	44	13
Seneca	7,830	3,387	1,618	7	60	45	41
Steuben	20,503	9,102	4,534	41	192	266	120
Suffolk	138,531	29,430	17,539	784	640	925	3,982
Sullivan	11,094	5,027	1,285	11	44	108	62
Tioga	7,118	4,107	490	10	64	75	38
Tompkins	10,843	4,362	1,914	48	201	143	110
Ulster	21,617	6,757	3,697	22	143	258	161
Warren	9,288	3,314	2,126	10	185	63	62
Washington	7,615	2,455	1,463	18	76	167	32
Wayne	12,195	4,301	2,514	23	201	159	82
Westchester	100,239	27,728	22,697	661	550	852	1,419
Wyoming	6,309	1,447	2,297	2	59	59	40
Yates	2,551	638	1,062	1	36	37	12

(Continued on the following page)

TABLE M-14 (continued)
Motor Vehicle Convictions
by County of Court and Year of Conviction
New York State — 2002

County of Court	DWI ¹	DWAI ²	Unlicensed Operator	Driving While License Is Suspended or Revoked	Safety Restraints	All Other
New York State	20,898	26,780	144,352	6,673	459,762	326,147
New York City	2,129	2,114	56,351	624	220,029	138,008
Bronx	365	234	11,445	91	24,655	16,616
Kings	592	447	14,806	280	61,634	32,036
New York	254	442	11,541	117	58,622	45,096
Queens	728	741	15,112	98	60,429	31,808
Richmond	190	250	3,447	38	14,689	12,452
Rest of State	18,769	24,666	88,001	6,049	239,733	188,139
Albany	449	1,010	2,831	168	8,235	4,362
Allegany	131	150	171	19	1,168	495
Broome	459	197	1,479	216	5,127	3,070
Cattaraugus	267	193	349	62	2,651	1,248
Cayuga	183	132	355	58	1,979	846
Chautauqua	451	455	1,007	118	3,520	2,170
Chemung	275	153	604	77	1,853	1,793
Chenango	74	191	293	13	1,230	557
Clinton	296	306	623	69	2,583	1,674
Columbia	179	90	338	41	2,540	1,018
Cortland	85	262	497	32	2,155	1,066
Delaware	91	179	251	27	1,397	480
Dutchess	536	688	2,408	98	8,903	2,764
Erie	1,664	1,526	3,936	499	9,858	12,903
Essex	83	197	231	38	3,059	896
Franklin	140	131	191	23	1,759	608
Fulton	106	291	401	27	1,706	623
Genesee	222	147	285	36	1,323	602
Greene	131	185	483	60	2,064	721
Hamilton	11	31	56	6	275	115
Herkimer	155	210	397	39	1,662	1,190
Jefferson	184	451	680	30	1,926	3,053
Lewis	38	90	106	12	415	579
Livingston	218	104	537	41	1,611	1,006
Madison	106	204	478	39	1,651	952
Monroe	1,608	996	11,726	315	11,644	12,607
Montgomery	103	200	301	45	1,766	933
Nassau	1,121	2,594	6,431	665	31,929	27,738
Niagara	371	435	732	71	3,474	3,125
Oneida	337	611	1,628	79	7,260	6,858
Onondaga	524	984	1,587	224	8,867	4,638
Ontario	403	61	852	85	2,398	1,566
Orange	762	997	4,352	158	9,688	4,469
Orleans	74	98	249	10	656	295
Oswego	212	414	779	62	2,329	2,007
Otsego	114	239	299	23	1,485	642
Putnam	125	159	624	16	2,934	790
Rensselaer	255	462	902	57	4,751	1,393
Rockland	348	341	1,623	77	5,419	3,127
St. Lawrence	318	483	676	62	3,287	1,563
Saratoga	327	679	498	87	4,324	3,128
Schenectady	144	346	853	58	3,590	1,290
Schoharie	71	146	213	6	1,065	334
Schuyler	74	54	77	11	296	171
Seneca	126	68	275	24	1,404	775
Steuben	321	277	625	58	3,107	1,860
Suffolk	1,868	2,844	20,511	1,100	17,150	41,758
Sullivan	227	197	830	89	2,238	976
Tioga	163	111	239	50	1,089	682
Tompkins	184	131	450	31	2,049	1,220
Ulster	447	534	1,871	133	5,063	2,531
Warren	201	413	256	36	1,714	908
Washington	143	257	274	32	1,713	985
Wayne	409	124	750	110	1,942	1,580
Westchester	670	1,690	8,202	398	22,660	12,712
Wyoming	129	131	236	24	1,474	411
Yates	56	17	93	5	318	276

— Represents zero.

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 — 1999-2002**

	Year of Conviction			
	1999	2000	2001	2002
All Convictions	1,857,015	1,918,362	1,736,084	1,891,143
Speeding	478,499	484,683	427,568	420,525
Disobeyed Traffic Device	392,536	384,335	378,076	397,652
Improper Turn	38,632	37,263	32,087	33,597
Failed to Yield	16,268	18,537	17,283	17,415
Failed to Keep Right	11,005	11,023	10,779	10,491
Passing/Lane Change	25,902	26,458	26,191	26,851
Driving While Intoxicated (DWI)	21,202	21,037	20,990	20,898
Driving While Ability Impaired (DWAI)	27,373	27,295	25,722	26,780
Unlicensed Operator	155,209	148,226	146,205	144,352
Driving While License Is Suspended/Revoked	9,347	8,308	7,315	6,673
Safety Restraints	410,791	482,268	375,651	459,762
All Other	270,251	268,929	268,217	326,147

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 — 1996-2000**

	1996		1997		1998		1999		2000	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Motorcycle/Moped Accidents ¹	105	4,110	118	4,166	119	4,241	115	4,466	121	4,405
Males	98	3,421	112	3,517	110	3,543	109	3,733	116	3,704
Females	7	687	6	645	9	694	6	732	5	699
Age										
0 - 4	1	18	—	18	—	18	—	17	—	13
5 - 14	—	129	4	101	1	106	—	85	2	91
15 - 24	39	1,136	38	1,081	31	1,022	32	1,113	31	1,028
25 - 44	50	2,109	51	2,193	72	2,218	63	2,308	67	2,308
45 - 64	14	550	20	596	14	679	18	729	19	739
65+	1	90	4	84	1	91	2	105	2	79
Unknown	—	78	1	90	—	107	—	109	—	147
Bicycle Accidents ^{1,2}	44	9,431	51	9,510	53	8,935	46	8,079	38	7,289
Males	41	7,956	46	8,025	47	7,467	43	6,877	35	6,151
Females	3	1,471	5	1,482	6	1,466	3	1,197	3	1,136
Age										
0 - 4	—	64	—	53	1	54	—	51	—	31
5 - 14	6	2,505	12	2,508	12	2,339	12	2,066	7	2,051
15 - 24	11	2,939	7	2,826	9	2,525	10	2,292	8	2,003
25 - 44	15	2,871	14	3,034	16	2,828	12	2,411	8	2,129
45 - 64	9	638	7	706	11	776	7	801	10	735
65+	1	140	5	146	3	160	4	153	5	118
Unknown	2	274	6	237	1	253	1	305	—	222

NOTE: Detail does not include persons for whom sex was unspecified. Therefore detail does not add to total.

2 Includes only bicycle accidents involving motor vehicles.

SOURCE: New York State Department of Motor Vehicles.

— Represents zero.

1 Includes persons for whom sex was not specified.

TABLE M-17

Highway Mileage by Jurisdiction New York State by County — 2002

County	Total Mileage	State ¹	County	Town	City	Village	Other ²
New York State	113,084	15,040	20,392	57,705	12,159	6,327	1,461
New York	6,074	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	741	22	—	—	712	—	8
Rest of the State	107,010	14,899	20,392	57,705	6,351	6,327	1,336
Albany	2,031	292	290	988	341	78	42
Allegany	1,900	229	344	1,251	—	72	4
Broome	1,976	297	340	1,053	157	116	14
Cattaraugus	2,145	327	405	1,200	97	73	43
Cayuga	1,642	277	520	701	93	38	14
Chautauqua	2,475	351	545	1,208	185	138	47
Chemung	1,141	123	245	574	123	72	4
Chenango	1,749	262	309	1,111	24	39	3
Clinton	1,538	279	362	797	60	25	16
Columbia	1,523	265	267	915	31	26	19
Cortland	1,028	199	248	512	44	24	1
Delaware	2,217	342	270	1,517	—	85	4
Dutchess	2,403	371	393	1,417	118	63	41
Erie	4,538	495	1,179	1,709	748	263	144
Essex	1,359	329	357	631	—	31	10
Franklin	1,416	266	266	792	—	62	31
Fulton	853	143	144	439	101	23	2
Genesee	1,038	192	258	462	49	32	46
Greene	1,200	193	261	662	—	55	28
Hamilton	461	179	94	176	—	11	—
Herkimer	1,529	241	578	565	24	96	26
Jefferson	2,145	408	549	997	95	95	1
Lewis	1,325	154	249	890	—	32	—
Livingston	1,362	267	242	763	—	79	10
Madison	1,462	170	438	725	48	62	18
Monroe	3,431	479	652	1,568	535	116	82
Montgomery	1,032	178	394	295	76	51	39
Nassau	4,137	218	499	2,142	114	1,152	11
Niagara	1,623	244	283	598	424	33	42
Oneida	2,849	421	593	1,276	397	114	48
Onondaga	3,054	412	796	1,230	393	177	47
Ontario	1,535	225	239	912	76	53	30
Orange	2,512	399	315	1,347	163	221	68
Orleans	809	158	197	388	—	53	14
Oswego	1,946	287	503	969	139	45	4
Otsego	2,101	290	477	1,245	41	43	4
Putnam	826	134	118	562	—	12	—
Rensselaer	1,766	265	334	928	183	46	9
Rockland	1,175	98	168	547	—	283	79
St. Lawrence	3,139	516	575	1,844	49	135	19
Saratoga	2,073	268	363	1,196	159	85	2
Schenectady	923	149	220	334	177	27	16
Schoharie	1,175	188	321	629	—	33	3
Schuyler	713	104	122	449	—	38	1
Seneca	743	157	157	355	—	51	22
Steuben	3,149	364	677	1,906	99	101	1
Suffolk	7,434	506	432	5,749	—	643	104
Sullivan	2,051	202	387	1,387	4	67	5
Tioga	1,120	155	145	766	—	54	—
Tompkins	1,243	163	307	625	69	69	9
Ulster	2,297	283	425	1,388	111	40	50
Warren	1,246	220	247	703	62	7	7
Washington	1,589	232	286	983	—	85	3
Wayne	1,551	174	406	838	—	131	3
Westchester	3,385	452	175	1,383	742	587	46
Wyoming	1,123	206	241	622	—	53	2
Yates	808	107	181	487	—	32	—

NOTE: Totals for rows and columns may not agree 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 Data Services, 2003.

TABLE M-18
Highway Utilization
New York State — 1978-2002

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

r Revised.

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

SOURCE: New York State Department of Transportation, Planning Data Analysis Group, 2003.

TABLE M-19
Bridges by Owner and Condition
New York State — as of April 2003

Owner	All Bridges in Inventory	Condition	
		Deficient ¹	Closed ²
Grand Total	19,484	7,076	194
State	7,803	2,141	59
Non-State	11,681	4,935	135
County	6,130	2,217	54
Town	1,336	551	22
Village	170	77	4
City			
New York City	722	424	28
Other Cities	522	252	9
Railroads	1,252	729	8
Authorities, Commissions, etc.	1,549	685	10

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, 2003.

TABLE M-20
Surface Pavement Condition on the Highway Route System
New York State — 1991 and 1998-2002

	Level	Lane-Miles of Pavement ¹					
		1991	1998	1999	2000	2001	2002
Excellent	10	1,038	1,041	951	846	508	1,108
	9	2,854	4,422	4,075	3,834	3,030	2,940
Good-to-Fair	8	5,828	5,013	6,127	5,755	6,188	4,952
	7	10,092	12,740	13,706	15,640	15,747	16,178
	6	12,676	10,318	9,233	8,720	9,711	9,889
Poor	5	4,066	3,293	2,810	2,424	2,220	1,990
	4	221	151	163	143	101	86
	3	23	—	1	2	—	—
	2	—	—	—	—	—	—
	1	—	—	—	—	—	—
Total Lane-Miles		36,798	36,979	37,066	37,364	37,505	37,143
Average Condition ²		6.81	6.99	7.05	7.05	6.98	7.00

— Represents zero.

1 Number of lanes times length of section.

2 Computed mean of each distribution.

SOURCE: New York State Department of Transportation, Highway Data Services, 2002.

TABLE M-21
New York State Thruway Traffic (Controlled System)
2002

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	8,082,595	7,818,430	5,935,230	250,536	1,604,911	27,753
16	Harriman	45	976,712	1,039,057	918,800	47,031	59,039	14,187
17	Newburgh	60	5,764,756	5,893,620	4,329,905	352,076	1,158,897	52,742
18	New Paltz	76	2,458,497	2,510,189	2,143,956	186,455	160,674	19,104
19	Kingston	91	3,024,079	3,103,042	2,565,008	254,881	252,539	30,614
20	Saugerties	101	1,538,480	1,448,875	1,151,122	157,697	119,583	20,473
21	Catskill	114	1,552,404	1,570,000	1,200,801	190,375	153,325	25,499
21B	Coxsackie	124	1,196,256	1,166,723	729,507	292,120	131,358	13,738
22	Selkirk	135	724,862	718,753	486,580	101,443	105,568	25,162
23	Southern Boulevard	142	4,745,909	4,818,950	3,511,990	699,423	477,601	129,936
24	Washington Avenue	148	13,331,503	13,830,193	11,172,835	891,701	1,668,520	97,137
25	Schenectady	154	6,660,359	6,430,475	5,420,269	657,113	297,897	55,196
25A	Schenectady I-88	159	3,754,745	3,593,228	2,785,592	49,847	732,650	25,139
26	Rotterdam	162	1,157,748	1,156,115	852,461	155,022	133,592	15,040
27	Amsterdam	174	1,669,971	1,677,358	1,154,440	287,229	214,575	21,114
28	Fultonville	182	982,140	979,781	456,397	64,268	446,656	12,460
29	Canajoharie	194	479,130	468,129	336,164	57,402	65,960	8,603
29A	Little Falls	211	236,428	240,318	169,120	22,022	44,179	4,997
30	Herkimer	220	721,690	744,307	573,360	56,764	101,341	12,842
31	Utica	233	1,988,033	1,987,844	1,480,992	130,764	351,461	24,627
32	Westmoreland	243	1,119,957	1,136,778	857,122	154,060	111,541	14,055
33	Verona	253	2,453,642	2,437,747	1,891,726	248,817	280,134	17,070
34	Canastota	262	1,551,390	1,490,725	1,033,367	315,051	121,389	20,918
34A	Collamer	277	3,017,297	2,941,880	2,191,415	347,701	371,296	31,468
35	Thompson	279	2,170,936	2,237,496	1,534,594	342,430	322,713	37,759
36	Mattydale	283	3,119,487	3,098,152	2,324,367	189,128	560,851	23,806
37	Electronics Parkway	284	1,040,667	1,104,961	840,096	176,967	68,246	19,652
38	Liverpool	286	1,162,408	1,079,582	840,868	141,690	89,063	7,961
39	State Fair	290	2,933,323	2,939,458	2,090,872	240,135	589,327	19,124
40	Weedsport	304	1,295,203	1,268,371	853,318	196,481	202,581	15,991
41	Waterloo	320	1,161,691	1,146,454	867,866	84,327	184,831	9,430
42	Geneva	327	1,695,695	1,724,534	1,305,310	146,570	260,251	12,403
43	Manchester	340	1,487,383	1,444,419	1,082,614	199,169	153,224	9,412
44	Canandaigua	347	2,814,891	2,622,181	2,200,291	217,365	186,644	17,881
45	Victor	351	4,960,123	5,170,861	4,402,612	389,378	354,268	24,603
46	Henrietta	362	3,587,929	3,722,135	2,728,164	313,310	660,826	19,835
47	LeRoy	379	2,612,140	2,536,665	1,955,257	143,997	421,567	15,844
48	Batavia	390	1,589,856	1,573,112	1,117,428	146,102	282,744	26,838
48A	Pembroke	402	2,104,783	2,024,668	1,200,440	123,232	689,329	11,667
49	Depew	417	3,204,650	3,317,864	2,817,996	105,512	377,679	16,677
50	Williamsville	420	9,107,863	9,167,378	6,515,296	290,983	2,313,115	47,984
55	Lackawanna	429	8,485,268	8,427,223	6,216,105	316,939	1,850,789	43,390
56	Blasdell	432	2,357,191	2,302,322	1,979,306	101,475	207,127	14,414
57	Hamburg	436	2,063,298	2,106,564	1,716,362	130,224	245,341	14,637
57A	Angola	445	872,671	841,362	678,502	93,661	60,261	8,938
58	Silver Creek	456	961,010	1,005,721	760,195	106,912	124,506	14,108
59	Dunkirk	468	1,682,037	1,679,795	1,296,209	103,512	256,943	23,131
60	Westfield	485	308,169	304,576	244,046	10,979	42,626	6,925
61	State Line	496	3,925,936	3,988,017	2,184,681	17,804	1,772,625	12,907
	Subtotal		135,893,191	136,036,388	103,100,954	10,298,080	21,442,163	1,195,191
					--- Berkshire Spur ---			
B 1	Post Road	B 7	3,003,326	2,912,335	2,255,273	74,498	557,496	25,068
B 2	Taconic Parkway	B 15	872,590	811,533	757,575	28,676	11,754	13,528
B 3	Canaan	B 18	4,394,903	4,403,754	3,140,055	42,809	1,205,088	15,802
	Subtotal		8,270,819	8,127,622	6,152,903	145,983	1,774,338	54,398
	GRAND TOTAL		144,164,010	144,164,010	109,253,857	10,444,063	23,216,501	1,249,589

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.

TABLE M-22
New York State Thruway
Bridges and Barriers — Traffic and Revenue Summary
2001-2002

	Traffic		Revenue	
	2001	2002	2001	2002
Total Thruway Bridges and Barriers	122,153,571	124,810,581	\$ 145,195,643	\$ 146,623,071
Non-Revenue Traffic	520,689	514,986	—	—
Toll Traffic	121,632,882	124,295,595	145,195,643	146,623,071
Passenger Vehicles	108,402,888	110,844,307	105,750,000	106,616,149
Commercial Vehicles	13,229,994	13,451,288	39,445,643	40,006,922
Grand Island Bridges	21,023,332	21,713,782	9,102,729	9,399,646
Passenger Vehicles	19,005,251	19,660,047	6,327,853	6,599,882
Commercial Vehicles	2,018,081	2,053,735	2,774,876	2,799,764
Tappan Zee Bridge ¹	24,609,607	25,065,751	73,656,264	73,865,351
Passenger Vehicles	23,067,930	23,454,948	57,208,551	56,871,127
Commercial Vehicles	1,541,677	1,610,803	16,447,713	16,994,224
Yonkers Barrier	19,710,999	19,855,361	11,616,169	11,734,751
Passenger Vehicles	17,516,889	17,587,316	8,769,393	8,793,968
Commercial Vehicles	2,194,110	2,268,045	2,846,776	2,940,783
New Rochelle Barrier ¹	21,017,397	21,363,001	25,968,894	26,132,612
Passenger Vehicles	18,101,751	18,527,849	18,101,746	18,527,845
Commercial Vehicles	2,915,646	2,835,152	7,867,148	7,604,767
Spring Valley Barrier ¹	1,382,749	1,426,867	4,509,375	4,597,814
Passenger Vehicles	—	—	—	—
Commercial Vehicles	1,382,749	1,426,867	4,509,375	4,597,814
Harriman Barrier	17,678,546	18,485,516	10,136,406	10,542,639
Passenger Vehicles	16,388,729	17,142,341	8,215,493	8,572,145
Commercial Vehicles	1,289,817	1,343,175	1,920,913	1,970,494
Buffalo City Line ¹	7,708,950	7,709,510	5,313,062	5,309,690
Passenger Vehicles	6,442,684	6,433,954	3,228,501	3,225,263
Commercial Vehicles	1,266,266	1,275,556	2,084,561	2,084,427
Black Rock Barrier ¹	8,401,302	8,675,807	4,892,744	5,040,548
Passenger Vehicles	7,779,654	8,037,852	3,898,463	4,025,919
Commercial Vehicles	621,648	637,955	994,281	1,014,629

— Represents zero.

SOURCE: New York State Thruway Authority.

1 One-way trips.

TABLE M-23
New York State Thruway
Traffic and Revenue — One-Day Records
As of December 31, 2002

Location	Traffic		Revenue	
	Trips	Date	Amount	Date
Entire Thruway System	974,319	August 30, 2002	\$ 1,619,909	August 30, 2002
Controlled System	554,126	August 30, 2002	1,145,379	August 30, 2002
Grand Island Bridge North	36,853a	August 10, 2001	16,818	August 10, 2001
Grand Island Bridge South	46,288a	August 2, 2002	20,546	August 2, 2002
Tappan Zee Bridge	83,289a	November 24, 1999	243,437	June 30, 2000
Yonkers Barrier	72,011	September 17, 1999	41,619	June 30, 2000
New Rochelle Barrier	81,455a	August 24, 2001	96,374	August 24, 2001
Spring Valley Barrier	7,571b	October 17, 2001	25,320	October 17, 2001
Harriman Barrier	67,522	July 21, 2002	36,403	August 25, 2000
Buffalo City Line	31,337a	August 4, 2000	21,023	June 23, 2000
Black Rock Barrier	34,167a	May 29, 1998	19,720	May 29, 1998

a One-way trips.

SOURCE: New York State Thruway Authority.

b One-way commercial trips only.

TABLE M-24
Public Transit Service
New York State
Fiscal Years 1980-81 — 2002-03
(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

NOTE: Detail may not add to totals due to rounding. Detail not available prior to 1979.

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.

TABLE M-25

**Metropolitan Transportation Authority Summary Data
New York State — 1996-2002**

	1996(r)	1997(r)	1998	1999(r)	2000(r)	2001(r)	2002
Metropolitan Transportation Authority							
Network Totals							
Average Weekday Paid Rides	5,501,987a	6,140,968a	6,646,286a	7,044,024a	7,459,452a	7,639,644a	7,711,972a
Number of Rail Route Miles ¹	915	973	968	950	950	950	950
Annual Paid Rides	1,656,917,726a	1,845,995,171a	2,006,241,270a	2,132,812,779a	2,270,720,782a	2,338,469,790a	2,367,262,501a
MTA New York City Transit							
Subways							
Average Weekday Paid Rides	3,676,889	3,759,234	3,974,926	4,226,611	4,522,215	4,579,240	4,590,571
Route Miles ¹	244	244	233	233	233	233	233
Annual Paid Rides	1,109,327,000	1,131,675,966	1,202,734,983	1,283,081,633	1,381,078,913	1,405,300,386r	1,413,177,943
Buses ²							
Average Weekday Paid Rides	1,260,210	1,770,163	2,041,856	2,169,759	2,267,078	2,382,741r	2,452,669
Route Miles ¹	1,638	1,671	1,671	1,671	1,671	1,671	2,017
Annual Paid Rides	386,300,000	540,912,153	625,556,297	666,441,968	698,898,863	739,489,869	762,096,318
MTA Bridges and Tunnels							
Average Weekday Tolls	733,910b	754,821b	791,075b	816,292	837,637	825,729	842,150
Number of Bridges	7	7	7	7	7	7	7
Number of Tunnels	2	2	2	2	2	2	2
Annual Paid Tolls	260,163,281b	266,519,564b	279,463,396b	289,012,534b	296,692,531	293,219,838	299,808,748
MTA Long Island Bus ⁴							
Average Weekday Rides ⁵	63,113	90,097	94,900	99,121	101,762	104,409	104,604
Route Miles ¹	601	684	684	966	970	975	995
Annual Paid Rides ⁵	18,960,631	26,693,322	28,181,057	29,254,077	30,056,646	31,031,863	31,323,743
MTA Long Island Rail Road							
Average Weekday Paid Rides	264,826	283,345	290,486	296,793	304,227	306,236	299,254
Route Miles ¹	319	319	319	319	319	319	319
Annual Paid Rides	74,411,000	78,642,913	79,761,275r	81,556,246	84,730,852	85,602,984	83,918,140
MTA Metro-North Railroad ⁶							
Average Weekday Paid Rides	218,783	222,580	231,065	237,348	249,173	252,631	251,863
Route Miles in New York State ¹	338	338	402	384	384	384	384
Annual Paid Rides	62,932,599	63,854,170	66,409,351	68,532,613	71,842,688	73,081,052	73,151,680
MTA Staten Island Railway							
Average Weekday Paid Rides ⁷	18,166	15,549	13,053	14,392	14,997	14,401	13,011
Route Miles ¹	14	14	14	14	14	14	14
Annual Paid Rides ⁷	4,986,496	4,216,647	3,598,307	3,946,242	4,112,820	3,963,636	3,594,677

r Revised.

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.

SOURCE: State of New York, Metropolitan Transportation Authority.

TABLE M-26
Rail Freight Traffic
New York State — 1978-2001
(thousands)

Year	Carloads ¹	Tonnage ¹
1978	714	44,499
1979	813	52,264
1980	812	42,910a
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
1998r	618	39,626
1999	582	36,985
2000	560	35,332
2001	530	34,989

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, 2003.

TABLE M-27
Amtrak Ridership in New York State
1980-2003
(thousands)

Year	Total ¹	Adirondack	Empire
1980	1,115,000	80,000	1,035,000
1981	1,207,000	77,000	1,130,000
1982	1,159,000	76,000	1,083,000
1983	1,250,000	76,000	1,174,000
1984	1,267,692	65,261	1,202,431
1985	1,310,338	66,358	1,243,980
1986	1,341,939	62,959	1,278,980
1987	1,442,130	87,576	1,354,554
1988	1,500,712	98,192	1,402,520
1989	1,401,726	86,221	1,315,505
1990	1,497,068	63,668	1,433,400
1991r	1,434,839	73,307	1,361,532
1992	1,465,694	83,831	1,381,863
1993	1,380,304	74,074	1,306,230
1994	1,072,000	89,001	982,999
1995	1,046,000	95,929	950,071
1996	1,073,863	94,933	978,930
1997	1,155,869	98,706	1,057,163
1998	1,248,827	82,679	1,166,148
1999	1,359,162	96,477	1,262,685
2000	1,421,244	100,707	1,320,537
2001	1,365,183	99,783	1,265,400
2002	1,475,618	91,060	1,384,558
2003	1,420,060	86,120	1,333,940

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

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

passenger/year to total ridership in New York State. Ridership includes boardings and alightings.

2001-2003: Starting with FY01, data includes Lakeshore Ltd. and Mapleleaf where both endpoints are in NYS.

SOURCE: New York State Department of Transportation, 2003: 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 — 1970-2002**

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

r Revised.

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

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

TABLE M-29
Airfields by Type of Facility and Use
New York State — 1974-2002

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

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, December 2002.

TABLE M-30

Volume of Air Traffic by Certificated U.S. Flag Air Carriers¹
New York State
1999-2002

City	Airport ²	Passenger Enplanements ³			
		1999	2000	2001	2002
All Services		34,836,666	36,974,012	33,652,200	33,430,100
Albany	Albany County	1,140,518	1,407,092	1,463,632	1,479,128
Binghamton	Broome County	136,305	128,827	114,907	117,117
Buffalo	Greater Buffalo International	1,827,466	2,140,002	2,204,087	2,067,813
Elmira	Elmira/Corning Regional	108,124	112,866	104,717	91,711
Ithaca	Tompkins County	101,945	99,861	88,299	80,368
Jamestown	Chautauqua County	20,827	18,298	14,004	10,432
Massena	Massena International	4,110	3,715	3,019	2,791
Monticello	Sullivan County International	NA	NA	4	NA
New York City Area					
New York City	J.F.K. International	15,375,183	16,155,437	14,553,815	14,819,306
New York City	La Guardia	11,968,030	12,697,208	11,352,248	11,013,396
Islip	Long Island Mac Arthur	982,379	1,120,686	1,009,919	963,739
White Plains	Westchester County	508,011	507,145	456,296	453,690
East Hampton	East Hampton	NA	NA	789	NA
Farmingdale	Republic	NA	NA	1,923	NA
Newburgh	Stewart International	307,685	274,126	197,872	180,937
Ogdensburg	Ogdensburg International	2,659	1,590	2,242	1,427
Plattsburgh	Clinton County	12,138	9,126	4,310	1,843
Poughkeepsie	Dutchess County	5,905	7,058	3,338	a
Rochester	Greater Rochester International	1,227,154	1,218,403	1,132,597	1,188,511
Saranac Lake	Adirondack	5,272	4,342	2,613	2,243
Syracuse	Syracuse-Hancock International	1,088,456	1,060,746	936,450	953,603
Utica	Oneida County	10,901	4,774	2,670	976a
Watertown	Watertown International	3,598	2,710	2,449	2,045

NA Not available.

a Dutchess County lost commercial service in August 2001; Oneida County airport ended commercial service in June 2002.

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 Civil Aeronautics Board including originating, stopover and transfer passengers.

SOURCE: N.Y.C. area: *2001 Annual Traffic Report*, Port Authority of New York and New Jersey; Rest of State: FAA DOT/TSC, ACAIS Database, Airport Monthly Reports; material compiled by Passenger Transportation Division, New York State Department of Transportation, 2003.