



Section M

Transportation

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and Contributing Factors

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TABLE M-1

**Highway Mileage by Functional Systems¹
and Urban and Rural Designations
United States by State — 2000(a)**

| | Mileage | | | | | | | |
|----------------------|--------------------|-----------|-----------|------------|--------------------------------------|----------|-----------|-----------|
| | Functional Systems | | | | | | | |
| | Urban | Rural | Total | Interstate | Other Freeways and Expressways | Arterial | Collector | Local |
| United States | 852,241 | 3,083,988 | 3,936,229 | 46,427 | 9,140 | 379,586 | 793,136 | 2,707,940 |
| Alabama | 20,672 | 73,639 | 94,311 | 906 | 21 | 8,783 | 20,426 | 64,175 |
| Alaska | 1,809 | 11,014 | 12,823 | 1,083 | — | 1,504 | 2,736 | 7,500 |
| Arizona | 18,206 | 36,989 | 55,195 | 1,168 | 126 | 4,756 | 8,527 | 40,618 |
| Arkansas | 10,626 | 86,974 | 97,600 | 656 | 86 | 6,828 | 20,131 | 69,899 |
| California | 84,648 | 83,428 | 168,076 | 2,453 | 1,343 | 27,044 | 31,920 | 105,316 |
| Colorado | 14,463 | 70,946 | 85,409 | 951 | 224 | 8,179 | 16,606 | 59,449 |
| Connecticut | 11,804 | 9,041 | 20,845 | 346 | 197 | 2,842 | 3,007 | 14,453 |
| Delaware | 1,984 | 3,795 | 5,779 | 41 | 13 | 625 | 939 | 4,161 |
| District of Columbia | 1,425 | — | 1,425 | 13 | 19 | 264 | 153 | 976 |
| Florida | 49,227 | 67,422 | 116,649 | 1,471 | 464 | 12,123 | 14,372 | 88,219 |
| Georgia | 27,606 | 87,121 | 114,727 | 1,244 | 165 | 13,133 | 23,285 | 76,900 |
| Hawaii | 2,104 | 2,177 | 4,281 | 55 | 34 | 755 | 829 | 2,608 |
| Idaho | 4,082 | 42,374 | 46,456 | 611 | — | 3,787 | 9,843 | 32,215 |
| Illinois | 36,347 | 102,025 | 138,372 | 2,165 | 84 | 13,944 | 21,572 | 100,607 |
| Indiana | 19,944 | 73,664 | 93,608 | 1,169 | 137 | 7,944 | 22,639 | 61,719 |
| Iowa | 9,864 | 103,513 | 113,377 | 782 | — | 9,538 | 31,528 | 71,529 |
| Kansas | 10,207 | 124,375 | 134,582 | 872 | 135 | 9,184 | 33,357 | 91,034 |
| Kentucky | 11,826 | 67,441 | 79,267 | 762 | 90 | 5,492 | 17,636 | 55,287 |
| Louisiana | 13,941 | 46,959 | 60,900 | 894 | 48 | 5,298 | 12,543 | 42,117 |
| Maine | 2,634 | 20,036 | 22,670 | 367 | 18 | 2,291 | 5,974 | 14,020 |
| Maryland | 14,429 | 16,065 | 30,494 | 481 | 234 | 3,559 | 5,024 | 21,196 |
| Massachusetts | 23,101 | 12,210 | 35,311 | 566 | 199 | 5,633 | 5,486 | 23,427 |
| Michigan | 30,007 | 91,972 | 121,979 | 1,241 | 224 | 12,267 | 25,710 | 82,537 |
| Minnesota | 16,018 | 116,232 | 132,250 | 912 | 150 | 12,658 | 29,458 | 89,072 |
| Mississippi | 8,055 | 65,443 | 73,498 | 685 | 41 | 7,105 | 15,531 | 50,136 |
| Missouri | 16,370 | 106,669 | 123,039 | 1,178 | 320 | 9,386 | 24,978 | 87,177 |
| Montana | 2,491 | 67,076 | 69,567 | 1,191 | — | 6,014 | 16,344 | 46,018 |
| Nebraska | 5,186 | 87,605 | 92,791 | 482 | 17 | 7,884 | 20,796 | 63,612 |
| Nevada | 5,533 | 32,321 | 37,854 | 560 | 43 | 2,864 | 5,222 | 29,165 |
| New Hampshire | 2,938 | 12,273 | 15,211 | 224 | 40 | 1,545 | 2,706 | 10,696 |
| New Jersey | 24,184 | 11,838 | 36,022 | 420 | 311 | 5,348 | 4,573 | 25,370 |
| New Mexico | 6,110 | 53,817 | 59,927 | 1,000 | 3 | 4,549 | 6,953 | 47,422 |
| New York | 40,993 | 71,790 | 112,783 | 1,667 | 792 | 13,467 | 20,560 | 76,297 |
| North Carolina | 23,628 | 76,185 | 99,813 | 1,024 | 279 | 8,957 | 17,759 | 71,794 |
| North Dakota | 1,834 | 84,775 | 86,609 | 572 | — | 5,872 | 11,541 | 68,624 |
| Ohio | 33,545 | 83,419 | 116,964 | 1,572 | 392 | 10,628 | 22,105 | 82,267 |
| Oklahoma | 13,361 | 99,273 | 112,634 | 930 | 138 | 7,853 | 25,381 | 78,332 |
| Oregon | 11,064 | 55,838 | 66,902 | 727 | 55 | 6,724 | 17,449 | 41,947 |
| Pennsylvania | 34,250 | 85,392 | 119,642 | 1,757 | 486 | 13,162 | 19,784 | 84,453 |
| Rhode Island | 4,719 | 1,333 | 6,052 | 70 | 69 | 845 | 857 | 4,211 |
| South Carolina | 10,621 | 54,300 | 64,921 | 829 | 71 | 6,818 | 13,388 | 43,815 |
| South Dakota | 2,017 | 81,454 | 83,471 | 678 | — | 6,294 | 19,280 | 57,219 |
| Tennessee | 17,740 | 69,679 | 87,419 | 1,073 | 121 | 8,710 | 18,062 | 59,453 |
| Texas | 82,394 | 218,641 | 301,035 | 3,234 | 1,200 | 28,444 | 63,311 | 204,846 |
| Utah | 7,521 | 34,331 | 41,852 | 938 | 8 | 3,334 | 7,820 | 29,752 |
| Vermont | 1,379 | 12,894 | 14,273 | 320 | 19 | 1,297 | 3,121 | 9,516 |
| Virginia | 18,938 | 51,455 | 70,393 | 1,118 | 218 | 8,156 | 14,118 | 46,783 |
| Washington | 18,197 | 62,012 | 80,209 | 764 | 314 | 7,300 | 16,796 | 55,035 |
| West Virginia | 3,251 | 34,026 | 37,277 | 549 | 9 | 3,237 | 8,777 | 24,705 |
| Wisconsin | 16,650 | 95,709 | 112,359 | 743 | 180 | 11,693 | 21,536 | 78,207 |
| Wyoming | 2,298 | 25,028 | 27,326 | 913 | 3 | 3,669 | 10,687 | 12,054 |

— 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, 2002*; United States Federal Highway Administration, *Highway Statistics*, annual.

TABLE M-2
Motor Vehicle Registrations Issued¹
New York State
Selected Years 1930-2001
(thousands)

| Year | All Registrations ² | Type of Registration | | | | |
|-------|--------------------------------|----------------------|-------------------------|------------|--------------------|-----------------------|
| | | Passenger | Commercial ³ | Motorcycle | Moped ⁴ | Exempt ^{5,6} |
| 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 |
| 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 |

— 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 Beginning in 1992, figures represent Vehicle Registrations in Force are based on a new report showing the numbers of vehicles with a registration on record in New York State as of a particular date. Some users of our annual reports of Registrations Issued have used the data in those reports to estimate the numbers of registrations in force. 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.

The above reference to registrations in Force does not apply to Exempt Vehicles. The number 22 represents the number of Exempt registrations Issued in 1993.

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

3 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.

4 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.

5 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.

6 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-3

**Motor Vehicle Registrations Issued by Type of Vehicle
New York State by County of Residence — 2001**

| County of Residence | All Paid Registrations ¹ | Type of Vehicle | | | |
|----------------------------------|-------------------------------------|-----------------|------------|------------|-------|
| | | Passenger | Commercial | Motorcycle | Moped |
| All Registrations ^{2,3} | 7,017,659 | 5,020,848 | 783,038 | 212,367 | 9,504 |
| New York State ² | 6,886,356 | 4,971,612 | 755,029 | 211,712 | 9,431 |
| New York City | 1,288,038 | 1,099,325 | 54,908 | 23,499 | 1,226 |
| Bronx | 169,768 | 149,663 | 6,187 | 2,394 | 97 |
| Kings | 309,945 | 263,702 | 13,281 | 4,775 | 233 |
| New York | 156,641 | 131,100 | 8,797 | 5,122 | 449 |
| Queens | 499,841 | 420,228 | 23,032 | 7,634 | 344 |
| Richmond | 151,843 | 134,632 | 3,611 | 3,574 | 103 |
| Rest of State | 5,598,318 | 3,872,287 | 700,121 | 188,213 | 8,205 |
| Albany | 140,058 | 96,211 | 17,105 | 4,382 | 160 |
| Allegany | 25,646 | 13,178 | 5,982 | 1,054 | 61 |
| Broome | 102,924 | 68,425 | 15,279 | 3,554 | 111 |
| Cattaraugus | 43,619 | 23,598 | 9,753 | 2,015 | 66 |
| Cayuga | 44,008 | 23,636 | 8,890 | 1,587 | 110 |
| Chautauqua | 71,825 | 41,864 | 13,328 | 3,142 | 146 |
| Chemung | 46,770 | 28,459 | 7,683 | 1,785 | 111 |
| Chenango | 31,082 | 16,730 | 6,528 | 1,472 | 60 |
| Clinton | 46,325 | 23,348 | 8,919 | 2,056 | 98 |
| Columbia | 37,911 | 22,851 | 6,770 | 1,486 | 52 |
| Cortland | 25,305 | 14,086 | 5,167 | 1,062 | 47 |
| Delaware | 32,289 | 17,647 | 6,809 | 1,331 | 58 |
| Dutchess | 149,331 | 107,499 | 17,008 | 6,022 | 140 |
| Erie | 451,804 | 304,560 | 56,280 | 13,112 | 602 |
| Essex | 24,455 | 11,940 | 5,290 | 917 | 50 |
| Franklin | 28,654 | 13,439 | 6,065 | 1,114 | 54 |
| Fulton | 32,709 | 17,607 | 5,771 | 1,412 | 80 |
| Genesee | 36,022 | 19,335 | 7,701 | 1,414 | 108 |
| Greene | 31,365 | 18,398 | 5,195 | 1,495 | 73 |
| Hamilton | 4,871 | 2,117 | 1,046 | 188 | 10 |
| Herkimer | 35,651 | 19,334 | 6,888 | 1,564 | 109 |
| Jefferson | 60,305 | 30,335 | 11,838 | 1,880 | 161 |
| Lewis | 18,820 | 7,313 | 4,717 | 608 | 76 |
| Livingston | 37,620 | 19,983 | 7,796 | 1,726 | 79 |
| Madison | 39,604 | 21,239 | 7,633 | 1,719 | 131 |
| Monroe | 364,144 | 257,856 | 43,012 | 11,434 | 339 |
| Montgomery | 29,465 | 16,233 | 5,426 | 1,352 | 62 |
| Nassau | 599,273 | 524,738 | 23,332 | 13,082 | 667 |
| Niagara | 116,579 | 72,753 | 17,835 | 4,612 | 212 |
| Oneida | 120,266 | 73,404 | 18,482 | 4,444 | 273 |
| Onondaga | 230,777 | 153,124 | 35,177 | 6,537 | 299 |
| Ontario | 62,262 | 34,442 | 11,405 | 2,621 | 141 |
| Orange | 170,638 | 120,134 | 21,446 | 6,555 | 119 |
| Orleans | 25,246 | 13,253 | 5,216 | 1,067 | 72 |
| Oswego | 72,605 | 36,812 | 14,219 | 2,699 | 147 |
| Otsego | 35,054 | 19,441 | 7,201 | 1,513 | 77 |
| Putnam | 56,675 | 43,829 | 4,532 | 2,460 | 30 |
| Rensselaer | 78,267 | 50,191 | 12,543 | 3,221 | 89 |
| Rockland | 129,411 | 110,106 | 6,926 | 3,668 | 85 |
| St. Lawrence | 67,543 | 29,960 | 13,454 | 2,070 | 202 |
| Saratoga | 117,164 | 71,809 | 17,353 | 4,503 | 155 |
| Schenectady | 79,056 | 53,675 | 10,229 | 3,040 | 86 |
| Schoharie | 20,743 | 10,876 | 4,340 | 1,155 | 41 |
| Schuyler | 12,117 | 5,942 | 2,748 | 565 | 41 |
| Seneca | 20,541 | 10,720 | 3,842 | 796 | 100 |
| Steuben | 57,739 | 31,466 | 11,742 | 2,377 | 126 |
| Suffolk | 741,295 | 574,073 | 64,984 | 22,134 | 963 |
| Sullivan | 45,059 | 27,659 | 7,293 | 1,781 | 67 |
| Tioga | 29,971 | 17,188 | 5,773 | 1,147 | 46 |
| Tompkins | 41,822 | 26,633 | 6,931 | 1,636 | 84 |
| Ulster | 100,369 | 65,590 | 15,109 | 4,702 | 140 |
| Warren | 39,601 | 22,196 | 7,076 | 1,493 | 76 |
| Washington | 36,034 | 18,212 | 7,927 | 1,663 | 48 |
| Wayne | 61,286 | 31,745 | 11,603 | 3,262 | 174 |
| Westchester | 397,974 | 345,920 | 18,055 | 10,575 | 372 |
| Wyoming | 25,644 | 12,030 | 6,187 | 1,292 | 43 |
| Yates | 14,725 | 7,145 | 3,282 | 660 | 76 |
| Out of State | 131,303 | 49,236 | 28,009 | 655 | 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-4

Motor Vehicle Registrations in Force by Type of Vehicle New York State by County of Residence — 2001

| County of Residence | All Registrations In Force ¹ | Type of Vehicle | | | |
|----------------------------------|---|-----------------|------------|------------|-------|
| | | Passenger | Commercial | Motorcycle | Moped |
| All Registrations ^{2,3} | 10,706,563 | 8,803,170 | 1,129,769 | 217,546 | 9,604 |
| New York State ² | 10,565,798 | 8,742,210 | 1,091,086 | 217,081 | 9,540 |
| New York City | 2,024,942 | 1,842,477 | 81,042 | 24,164 | 1,359 |
| Bronx | 269,577 | 249,785 | 9,340 | 2,395 | 80 |
| Kings | 470,290 | 426,786 | 19,163 | 4,831 | 253 |
| New York | 257,531 | 229,715 | 13,655 | 5,374 | 557 |
| Queens | 774,887 | 700,531 | 33,017 | 7,745 | 372 |
| Richmond | 252,657 | 235,660 | 5,867 | 3,819 | 97 |
| Rest of State | 8,540,856 | 6,899,733 | 1,010,044 | 192,917 | 8,181 |
| Albany | 216,133 | 172,093 | 27,730 | 4,465 | 145 |
| Allegany | 36,212 | 23,369 | 9,420 | 1,078 | 57 |
| Broome | 155,770 | 121,484 | 22,761 | 3,604 | 109 |
| Cattaraugus | 63,273 | 42,303 | 15,493 | 2,019 | 58 |
| Cayuga | 62,272 | 42,286 | 13,540 | 1,652 | 110 |
| Chautauqua | 104,345 | 74,776 | 20,375 | 3,136 | 144 |
| Chemung | 70,308 | 52,577 | 11,695 | 1,813 | 100 |
| Chenango | 43,330 | 29,438 | 9,503 | 1,473 | 56 |
| Clinton | 63,602 | 43,563 | 12,941 | 2,174 | 95 |
| Columbia | 56,494 | 42,325 | 8,882 | 1,469 | 54 |
| Cortland | 36,370 | 24,946 | 7,984 | 1,139 | 44 |
| Delaware | 46,154 | 31,904 | 9,836 | 1,358 | 52 |
| Dutchess | 235,485 | 199,191 | 20,178 | 6,125 | 145 |
| Erie | 686,497 | 539,001 | 82,897 | 13,372 | 583 |
| Essex | 32,830 | 21,544 | 7,881 | 925 | 50 |
| Franklin | 37,665 | 24,620 | 9,154 | 1,141 | 53 |
| Fulton | 44,605 | 31,491 | 8,348 | 1,400 | 65 |
| Genesee | 51,018 | 34,800 | 11,113 | 1,461 | 101 |
| Greene | 45,953 | 33,774 | 7,106 | 1,556 | 73 |
| Hamilton | 6,014 | 3,603 | 1,523 | 184 | 12 |
| Herkimer | 49,366 | 34,089 | 10,290 | 1,657 | 99 |
| Jefferson | 80,250 | 53,669 | 18,179 | 1,976 | 166 |
| Lewis | 22,258 | 12,908 | 6,939 | 596 | 69 |
| Livingston | 53,008 | 35,760 | 11,796 | 1,726 | 69 |
| Madison | 55,150 | 37,214 | 12,106 | 1,722 | 115 |
| Monroe | 555,568 | 453,283 | 62,395 | 11,223 | 415 |
| Montgomery | 41,704 | 29,296 | 7,746 | 1,313 | 59 |
| Nassau | 989,230 | 919,400 | 31,536 | 13,546 | 667 |
| Niagara | 169,933 | 130,292 | 25,234 | 4,788 | 239 |
| Oneida | 173,373 | 129,305 | 28,685 | 4,699 | 250 |
| Onondaga | 346,360 | 267,756 | 51,186 | 6,797 | 268 |
| Ontario | 87,387 | 60,924 | 17,271 | 2,566 | 127 |
| Orange | 269,250 | 221,397 | 27,563 | 6,832 | 130 |
| Orleans | 33,841 | 23,392 | 7,041 | 1,034 | 57 |
| Oswego | 96,776 | 64,620 | 21,967 | 2,780 | 135 |
| Otsego | 49,773 | 34,720 | 10,409 | 1,502 | 89 |
| Putnam | 89,377 | 78,049 | 5,429 | 2,477 | 34 |
| Rensselaer | 118,321 | 90,248 | 18,671 | 3,420 | 85 |
| Rockland | 214,462 | 196,050 | 8,693 | 3,873 | 90 |
| St. Lawrence | 83,617 | 52,907 | 20,671 | 2,163 | 197 |
| Saratoga | 173,062 | 130,912 | 26,357 | 4,636 | 146 |
| Schenectady | 120,370 | 96,024 | 15,412 | 3,063 | 91 |
| Schoharie | 29,246 | 19,863 | 6,066 | 1,171 | 35 |
| Schuyler | 16,699 | 10,900 | 3,990 | 605 | 41 |
| Seneca | 28,224 | 18,887 | 5,891 | 817 | 94 |
| Steuben | 82,926 | 56,902 | 17,836 | 2,539 | 116 |
| Suffolk | 1,180,170 | 1,027,031 | 82,077 | 23,169 | 1,033 |
| Sullivan | 65,147 | 49,079 | 9,760 | 1,813 | 74 |
| Tioga | 43,854 | 30,799 | 9,341 | 1,168 | 35 |
| Tompkins | 63,465 | 48,245 | 10,378 | 1,730 | 100 |
| Ulster | 153,252 | 120,053 | 20,470 | 4,758 | 132 |
| Warren | 56,653 | 40,287 | 10,695 | 1,555 | 76 |
| Washington | 50,754 | 32,918 | 12,115 | 1,712 | 52 |
| Wayne | 83,376 | 56,073 | 17,257 | 3,282 | 173 |
| Westchester | 665,287 | 613,310 | 25,968 | 10,736 | 394 |
| Wyoming | 34,996 | 21,343 | 9,285 | 1,276 | 44 |
| Yates | 20,041 | 12,740 | 4,979 | 653 | 79 |
| Out of State | 140,612 | 60,861 | 38,644 | 465 | 64 |
| County Unknown | 153 | 99 | 39 | — | — |

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-5
Motor Vehicle Driver Licenses
New York State
Selected Years 1930-2001

| 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 |

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-6
Motor Vehicle Driver Licenses
New York State by County of Issuance — 2001

| County Issuance | Licenses Issued ¹ | | | Licenses on File ³ |
|-----------------------------|------------------------------|-----------------------|-----------|-------------------------------------|
| | Total | Original ² | Renewal | |
| New York State | 1,763,656 | 200,348 | 1,563,308 | 11,014,805 |
| New York City | 385,834 | 78,052 | 307,782 | 3,214,055 |
| Rest of State | 1,377,822 | 122,296 | 1,255,526 | 7,761,344 |
| Albany | 263,927 | 5,542 | 258,385 | 193,761 |
| Allegany | 3,329 | 380 | 2,949 | 32,763 |
| Broome | 21,117 | 2,625 | 18,492 | 142,360 |
| Cattaraugus | 11,257 | 1,162 | 10,095 | 58,651 |
| Cayuga | 8,666 | 809 | 7,857 | 55,053 |
| Chautauqua | 16,198 | 1,799 | 14,399 | 96,474 |
| Chemung | 8,598 | 1,154 | 7,444 | 62,738 |
| Chenango | 4,617 | 478 | 4,139 | 37,661 |
| Clinton | 9,148 | 1,025 | 8,123 | 53,882 |
| Columbia | 6,570 | 791 | 5,779 | 46,805 |
| Cortland | 6,426 | 676 | 5,750 | 32,368 |
| Delaware | 7,620 | 783 | 6,837 | 37,368 |
| Dutchess | 30,154 | 3,942 | 26,212 | 199,171 |
| Erie | 80,506 | 7,516 | 72,990 | 640,863 |
| Essex | 2,966 | 435 | 2,531 | 27,946 |
| Franklin | 5,478 | 614 | 4,864 | 33,645 |
| Fulton | 5,422 | 480 | 4,942 | 39,698 |
| Genesee | 7,361 | 594 | 6,767 | 44,178 |
| Greene | 4,940 | 522 | 4,418 | 36,334 |
| Hamilton | 615 | 88 | 527 | 4,880 |
| Herkimer | 6,038 | 478 | 5,560 | 45,747 |
| Jefferson | 9,582 | 1,975 | 7,607 | 69,238 |
| Lewis | 3,606 | 261 | 3,345 | 19,484 |
| Livingston | 7,718 | 699 | 7,019 | 44,787 |
| Madison | 9,607 | 922 | 8,685 | 49,452 |
| Monroe | 72,513 | 8,189 | 64,324 | 506,567 |
| Montgomery | 4,667 | 399 | 4,268 | 35,831 |
| Nassau | 100,394 | 9,107 | 91,287 | 984,913 |
| Niagara | 27,910 | 2,209 | 25,701 | 157,393 |
| Oneida | 100,054 | 1,807 | 98,247 | 160,946 |
| Onondaga | 39,360 | 4,321 | 35,039 | 315,615 |
| Ontario | 10,384 | 1,127 | 9,257 | 74,169 |
| Orange | 33,277 | 5,021 | 28,256 | 229,155 |
| Orleans | 5,305 | 395 | 4,910 | 29,681 |
| Oswego | 15,502 | 1,381 | 14,121 | 85,701 |
| Otsego | 6,810 | 774 | 6,036 | 43,457 |
| Putnam | 14,198 | 1,918 | 12,280 | 74,470 |
| Rensselaer | 15,819 | 1,699 | 14,120 | 106,366 |
| Rockland | 25,562 | 3,938 | 21,624 | 205,530 |
| St. Lawrence | 11,817 | 1,158 | 10,659 | 74,512 |
| Saratoga | 24,979 | 3,329 | 21,650 | 152,011 |
| Schenectady | 13,823 | 1,642 | 12,181 | 111,385 |
| Schoharie | 4,673 | 392 | 4,281 | 23,217 |
| Schuyler | 2,451 | 277 | 2,174 | 13,852 |
| Seneca | 4,233 | 453 | 3,780 | 24,014 |
| Steuben | 11,343 | 1,777 | 9,566 | 72,363 |
| Suffolk | 149,337 | 15,119 | 134,218 | 1,047,551 |
| Sullivan | 7,366 | 935 | 6,431 | 53,979 |
| Tioga | 4,891 | 736 | 4,155 | 37,749 |
| Tompkins | 10,098 | 2,361 | 7,737 | 59,624 |
| Ulster | 13,843 | 1,801 | 12,042 | 128,890 |
| Warren | 7,053 | 830 | 6,223 | 48,984 |
| Washington | 8,103 | 881 | 7,222 | 42,671 |
| Wayne | 6,316 | 582 | 5,734 | 68,792 |
| Westchester | 78,532 | 11,507 | 67,025 | 639,903 |
| Wyoming | 3,191 | 229 | 2,962 | 29,820 |
| Yates | 2,552 | 252 | 2,300 | 16,926 |
| County Unknown ⁴ | — | — | — | 39,406 |

— 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-7

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 |
| 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 |

--- 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 |
| 1997a | 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.

TABLE M-8

**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.

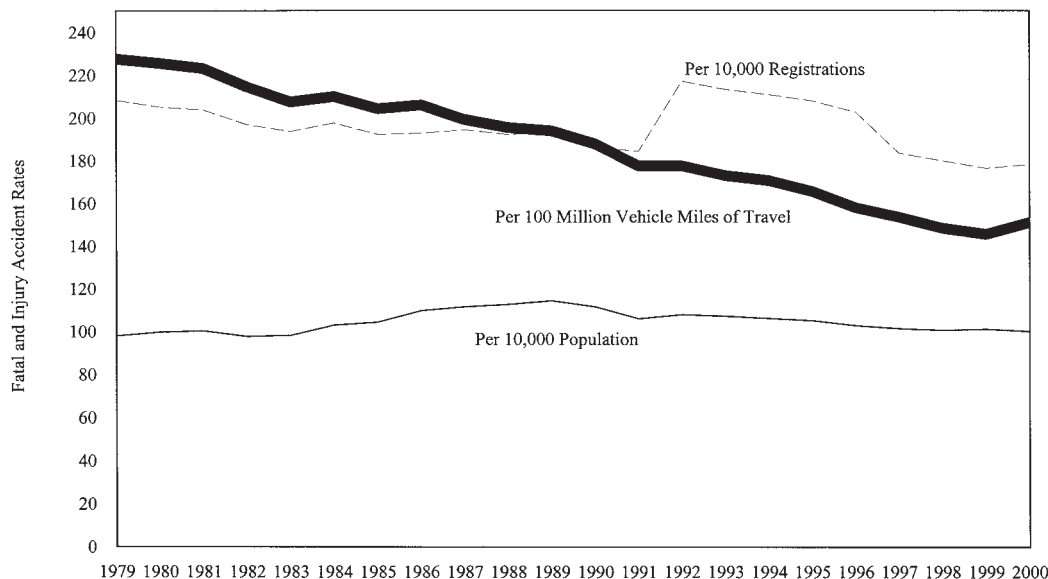
X Not applicable.

1 Per 10,000 licensed drivers.

SOURCE: New York State Department of Motor Vehicles.

FIGURE M-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

**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.

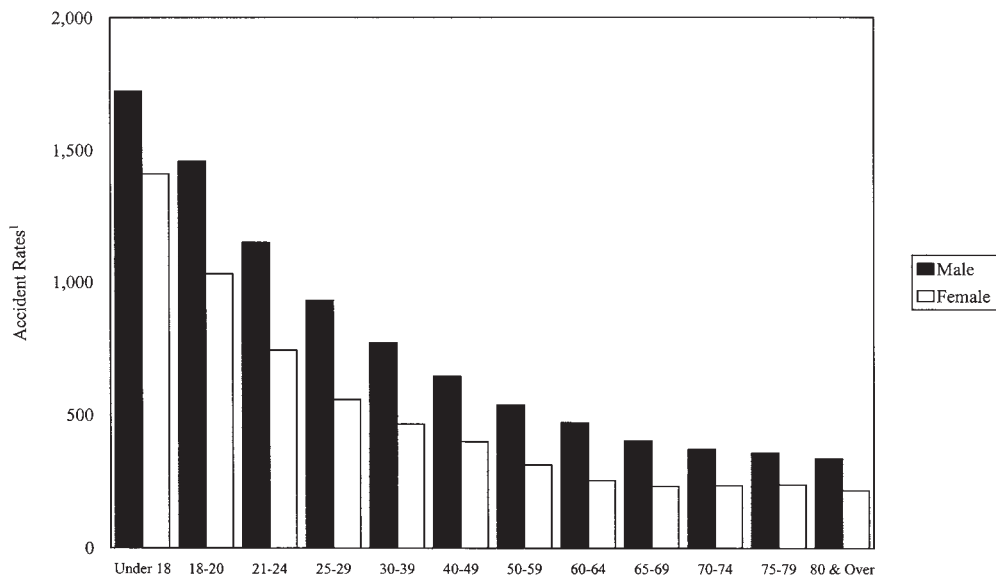
¹ Includes buses, taxis, livery, rental, and other for hire vehicles but excludes school buses.

SOURCE: New York State Department of Motor Vehicles.

— Represents zero.

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 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-11

**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-12
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-13
Motor Vehicle Convictions
by County of Court and Year of Conviction
New York State — 2001

| County of Court | All Convictions | Speeding | Disobeyed Traffic Device | Improper Turn | Failed to Yield | Failed to Keep Right | Passing/Lane Change |
|-----------------|-----------------|----------|--------------------------|---------------|-----------------|----------------------|---------------------|
| New York State | 1,736,084 | 427,568 | 378,076 | 32,087 | 17,283 | 10,779 | 26,191 |
| New York City | 633,643 | 99,126 | 154,821 | 27,574 | 3,627 | 634 | 11,921 |
| Bronx | 95,111 | 21,396 | 17,471 | 6,414 | 534 | 140 | 1,756 |
| Kings | 164,332 | 23,802 | 38,608 | 6,854 | 816 | 200 | 2,456 |
| New York | 160,884 | 8,194 | 47,567 | 9,222 | 677 | 92 | 1,874 |
| Queens | 166,658 | 32,448 | 41,300 | 4,728 | 1,422 | 156 | 3,985 |
| Richmond | 46,658 | 13,286 | 9,875 | 356 | 178 | 46 | 1,850 |
| Rest of State | 1,102,441 | 328,442 | 223,255 | 4,513 | 13,656 | 10,145 | 14,270 |
| Albany | 33,680 | 8,885 | 8,948 | 69 | 249 | 225 | 246 |
| Allegany | 5,538 | 1,767 | 1,550 | 5 | 52 | 72 | 38 |
| Broome | 24,979 | 7,339 | 7,264 | 73 | 413 | 153 | 244 |
| Cattaraugus | 10,478 | 4,324 | 1,516 | 9 | 158 | 162 | 82 |
| Cayuga | 8,081 | 2,719 | 1,904 | 15 | 102 | 131 | 58 |
| Chautauqua | 19,810 | 8,699 | 4,339 | 37 | 208 | 200 | 125 |
| Chemung | 11,047 | 3,993 | 2,110 | 108 | 289 | 99 | 132 |
| Chenango | 5,421 | 2,074 | 1,209 | 34 | 64 | 103 | 13 |
| Clinton | 10,124 | 3,957 | 1,313 | 21 | 181 | 138 | 79 |
| Columbia | 13,782 | 6,141 | 3,173 | 4 | 53 | 104 | 36 |
| Cortland | 8,784 | 3,748 | 1,058 | 12 | 99 | 77 | 50 |
| Delaware | 6,263 | 2,207 | 1,458 | 2 | 38 | 85 | 24 |
| Dutchess | 31,328 | 10,464 | 7,177 | 69 | 205 | 254 | 225 |
| Erie | 62,139 | 14,572 | 15,128 | 159 | 673 | 541 | 727 |
| Essex | 10,419 | 5,755 | 1,273 | 15 | 22 | 108 | 39 |
| Franklin | 4,704 | 1,219 | 1,141 | 10 | 46 | 85 | 34 |
| Fulton | 4,232 | 582 | 420 | 19 | 76 | 66 | 21 |
| Genesee | 11,578 | 4,643 | 4,118 | 16 | 100 | 61 | 71 |
| Greene | 11,193 | 5,611 | 1,728 | 17 | 46 | 90 | 64 |
| Hamilton | 1,632 | 614 | 480 | 2 | 3 | 23 | 7 |
| Herkimer | 9,092 | 4,467 | 969 | 5 | 51 | 68 | 51 |
| Jefferson | 14,019 | 5,511 | 2,085 | 23 | 148 | 139 | 80 |
| Lewis | 2,294 | 643 | 205 | 4 | 12 | 65 | 10 |
| Livingston | 12,036 | 5,671 | 3,134 | 6 | 77 | 108 | 30 |
| Madison | 7,549 | 2,561 | 1,299 | 6 | 86 | 71 | 34 |
| Monroe | 73,347 | 12,686 | 21,863 | 167 | 532 | 328 | 942 |
| Montgomery | 7,471 | 4,038 | 671 | 7 | 52 | 60 | 49 |
| Nassau | 111,042 | 15,180 | 22,243 | 1,260 | 4,623 | 1,071 | 2,855 |
| Niagara | 13,371 | 3,640 | 1,496 | 34 | 156 | 110 | 92 |
| Oneida | 22,223 | 6,299 | 1,833 | 230 | 284 | 236 | 132 |
| Onondaga | 29,558 | 7,119 | 4,438 | 78 | 336 | 199 | 292 |
| Ontario | 16,637 | 6,776 | 4,608 | 25 | 212 | 150 | 82 |
| Orange | 46,062 | 15,204 | 9,442 | 94 | 296 | 422 | 395 |
| Orleans | 2,909 | 779 | 750 | 3 | 32 | 32 | 5 |
| Oswego | 10,445 | 3,057 | 1,610 | 26 | 234 | 149 | 64 |
| Otsego | 7,155 | 2,615 | 1,533 | 9 | 74 | 116 | 32 |
| Putnam | 8,714 | 3,505 | 1,591 | 9 | 38 | 109 | 70 |
| Rensselaer | 13,294 | 4,299 | 2,689 | 24 | 118 | 99 | 77 |
| Rockland | 20,673 | 5,434 | 4,267 | 77 | 157 | 218 | 285 |
| St. Lawrence | 9,559 | 3,156 | 803 | 17 | 114 | 156 | 39 |
| Saratoga | 19,672 | 6,265 | 4,728 | 38 | 323 | 193 | 146 |
| Schenectady | 11,233 | 3,464 | 2,402 | 15 | 128 | 92 | 82 |
| Schoharie | 4,643 | 1,924 | 682 | 4 | 29 | 66 | 26 |
| Schuyler | 1,827 | 663 | 533 | 3 | 12 | 32 | 8 |
| Seneca | 7,395 | 3,493 | 1,576 | 4 | 45 | 49 | 43 |
| Steuben | 19,261 | 8,607 | 4,277 | 39 | 162 | 227 | 116 |
| Suffolk | 126,817 | 31,759 | 17,427 | 854 | 638 | 860 | 4,093 |
| Sullivan | 11,117 | 5,271 | 1,635 | 12 | 31 | 96 | 47 |
| Tioga | 6,857 | 4,076 | 403 | 5 | 67 | 72 | 29 |
| Tompkins | 10,356 | 3,775 | 2,103 | 59 | 212 | 160 | 149 |
| Ulster | 21,767 | 6,726 | 3,716 | 24 | 133 | 246 | 147 |
| Warren | 8,400 | 3,343 | 1,825 | 9 | 164 | 95 | 51 |
| Washington | 6,868 | 2,048 | 1,191 | 8 | 105 | 165 | 30 |
| Wayne | 11,339 | 4,077 | 2,343 | 24 | 224 | 164 | 50 |
| Westchester | 94,415 | 28,986 | 20,887 | 605 | 577 | 843 | 1,264 |
| Wyoming | 5,580 | 1,310 | 2,009 | 6 | 64 | 69 | 39 |
| Yates | 2,232 | 702 | 682 | 4 | 33 | 33 | 19 |

(Continued on the following page)

TABLE M-13 (continued)
Motor Vehicle Convictions
by County of Court and Year of Conviction
New York State — 2001

| County of Court | DWI ¹ | DWAI ² | Unlicensed Operator | Driving While License Is Suspended or Revoked | Safety Restraints | All Other |
|-----------------|------------------|-------------------|---------------------|---|-------------------|-----------|
| New York State | 20,990 | 25,722 | 146,205 | 7,315 | 375,651 | 268,217 |
| New York City | 1,793 | 2,128 | 64,366 | 762 | 150,780 | 116,111 |
| Bronx | 294 | 202 | 13,431 | 105 | 18,290 | 15,078 |
| Kings | 558 | 517 | 18,463 | 336 | 43,973 | 27,749 |
| New York | 242 | 430 | 12,362 | 144 | 39,165 | 40,915 |
| Queens | 516 | 761 | 15,809 | 120 | 42,075 | 23,338 |
| Richmond | 183 | 218 | 4,301 | 57 | 7,277 | 9,031 |
| Rest of State | 19,197 | 23,594 | 81,839 | 6,553 | 224,871 | 152,106 |
| Albany | 476 | 939 | 2,878 | 169 | 7,632 | 2,964 |
| Allegany | 99 | 165 | 145 | 23 | 1,141 | 481 |
| Broome | 551 | 227 | 1,403 | 209 | 4,458 | 2,645 |
| Cattaraugus | 261 | 198 | 371 | 49 | 2,392 | 956 |
| Cayuga | 226 | 154 | 339 | 56 | 1,593 | 784 |
| Chautauqua | 485 | 413 | 937 | 93 | 2,587 | 1,687 |
| Chemung | 290 | 213 | 627 | 60 | 1,561 | 1,565 |
| Chenango | 73 | 127 | 199 | 16 | 1,057 | 452 |
| Clinton | 293 | 226 | 495 | 67 | 2,062 | 1,292 |
| Columbia | 203 | 84 | 337 | 40 | 2,754 | 853 |
| Cortland | 82 | 210 | 431 | 39 | 2,093 | 885 |
| Delaware | 106 | 193 | 235 | 23 | 1,398 | 494 |
| Dutchess | 608 | 664 | 2,009 | 101 | 7,462 | 2,090 |
| Erie | 1,501 | 1,452 | 4,296 | 551 | 10,623 | 11,916 |
| Essex | 95 | 149 | 147 | 40 | 2,050 | 726 |
| Franklin | 76 | 180 | 160 | 27 | 1,277 | 449 |
| Fulton | 146 | 281 | 446 | 27 | 1,485 | 663 |
| Genesee | 226 | 182 | 279 | 39 | 1,257 | 586 |
| Greene | 101 | 254 | 532 | 33 | 2,057 | 660 |
| Hamilton | 14 | 28 | 55 | 1 | 274 | 131 |
| Herkimer | 130 | 210 | 300 | 38 | 1,694 | 1,109 |
| Jefferson | 207 | 478 | 598 | 32 | 2,094 | 2,624 |
| Lewis | 21 | 82 | 95 | 11 | 511 | 635 |
| Livingston | 288 | 93 | 470 | 60 | 1,279 | 820 |
| Madison | 111 | 170 | 400 | 39 | 1,648 | 1,124 |
| Monroe | 1,901 | 1,051 | 11,201 | 390 | 11,720 | 10,566 |
| Montgomery | 89 | 155 | 291 | 35 | 1,309 | 715 |
| Nassau | 943 | 2,171 | 6,174 | 760 | 32,731 | 21,031 |
| Niagara | 356 | 472 | 794 | 91 | 3,321 | 2,809 |
| Oneida | 359 | 542 | 1,352 | 98 | 5,432 | 5,426 |
| Onondaga | 630 | 1,105 | 1,533 | 241 | 9,479 | 4,108 |
| Ontario | 496 | 100 | 734 | 99 | 2,016 | 1,339 |
| Orange | 792 | 1,010 | 4,229 | 177 | 10,110 | 3,891 |
| Orleans | 70 | 68 | 229 | 13 | 671 | 257 |
| Oswego | 214 | 414 | 732 | 69 | 2,207 | 1,669 |
| Otsego | 121 | 202 | 248 | 27 | 1,662 | 516 |
| Putnam | 154 | 187 | 540 | 14 | 2,024 | 473 |
| Rensselaer | 263 | 474 | 889 | 75 | 3,344 | 943 |
| Rockland | 328 | 305 | 1,610 | 74 | 5,392 | 2,526 |
| St. Lawrence | 259 | 522 | 616 | 46 | 2,723 | 1,108 |
| Saratoga | 349 | 696 | 470 | 114 | 3,769 | 2,581 |
| Schenectady | 132 | 276 | 721 | 58 | 2,709 | 1,154 |
| Schoharie | 67 | 139 | 179 | 15 | 1,222 | 290 |
| Schuyler | 73 | 40 | 57 | 9 | 260 | 137 |
| Seneca | 97 | 81 | 198 | 25 | 1,202 | 582 |
| Steuben | 339 | 281 | 607 | 72 | 3,017 | 1,517 |
| Suffolk | 1,868 | 2,490 | 18,274 | 1,275 | 14,979 | 32,300 |
| Sullivan | 223 | 226 | 697 | 88 | 1,878 | 913 |
| Tioga | 147 | 123 | 237 | 44 | 1,086 | 568 |
| Tompkins | 213 | 160 | 487 | 28 | 2,006 | 1,004 |
| Ulster | 415 | 454 | 1,882 | 124 | 5,546 | 2,354 |
| Warren | 188 | 331 | 237 | 32 | 1,258 | 867 |
| Washington | 176 | 253 | 227 | 50 | 1,650 | 965 |
| Wayne | 399 | 121 | 616 | 111 | 1,908 | 1,302 |
| Westchester | 660 | 1,642 | 7,313 | 417 | 22,217 | 9,004 |
| Wyoming | 131 | 108 | 213 | 33 | 1,240 | 358 |
| Yates | 76 | 23 | 68 | 6 | 344 | 242 |

— Represents zero.

1 Driving While Intoxicated.

2 Driving While Ability Impaired.

SOURCE: New York State Department of Motor Vehicles.

TABLE M-14

**Convictions for Motor Vehicle Violations by Year of Conviction
New York State — 1998-2001**

| | Year of Conviction | | | |
|--|--------------------|-----------|-----------|-----------|
| | 1998 | 1999 | 2000 | 2001 |
| All Convictions | 1,742,970 | 1,857,015 | 1,918,362 | 1,736,084 |
| Speeding | 475,773 | 478,499 | 484,683 | 427,568 |
| Disobeyed Traffic Device | 417,152 | 392,536 | 384,335 | 378,076 |
| Improper Turn | 25,502 | 38,632 | 37,263 | 32,087 |
| Failed to Yield | 18,619 | 16,268 | 18,537 | 17,283 |
| Failed to Keep Right | 11,634 | 11,005 | 11,023 | 10,779 |
| Passing/Lane Change | 23,526 | 25,902 | 26,458 | 26,191 |
| Driving While Intoxicated (DWI) | 22,126 | 21,202 | 21,037 | 20,990 |
| Driving While Ability Impaired (DWAI) | 28,911 | 27,373 | 27,295 | 25,722 |
| Unlicensed Operator | 159,841 | 155,209 | 148,226 | 146,205 |
| Driving While License Is Suspended/Revoked | 10,788 | 9,347 | 8,308 | 7,315 |
| Safety Restraints | 253,581 | 410,791 | 482,268 | 375,651 |
| All Other | 295,517 | 270,251 | 268,929 | 268,217 |

SOURCE: New York State Department of Motor Vehicles.

TABLE M-15

**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-16

Highway Mileage by Jurisdiction New York State by County — 2001

| County | Total Mileage | State ¹ | County | Town | City | Village | Other ² |
|----------------|------------------|--------------------|--------|--------|--------|---------|--------------------|
| New York State | 112,967 | 15,029 | 20,393 | 57,619 | 12,149 | 6,316 | 1,461 |
| New York City | 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 State | 106,894 | 14,888 | 20,393 | 57,619 | 6,341 | 6,316 | 1,336 |
| Albany | 2,026 | 292 | 289 | 985 | 341 | 78 | 42 |
| Allegany | 1,901 | 229 | 344 | 1,252 | — | 72 | 4 |
| Broome | 1,975 | 297 | 340 | 1,052 | 157 | 116 | 14 |
| Cattaraugus | 2,145 | 327 | 405 | 1,201 | 97 | 73 | 43 |
| Cayuga | 1,642 | 276 | 521 | 701 | 93 | 38 | 14 |
| Chautauqua | 2,474 | 351 | 545 | 1,207 | 185 | 138 | 47 |
| Chemung | 1,137 | 124 | 242 | 572 | 123 | 72 | 4 |
| Chenango | 1,748 | 262 | 309 | 1,111 | 24 | 39 | 3 |
| Clinton | 1,532 | 279 | 362 | 798 | 53 | 25 | 16 |
| Columbia | 1,523 | 265 | 267 | 916 | 31 | 26 | 19 |
| Cortland | 1,028 | 199 | 248 | 512 | 44 | 24 | 1 |
| Delaware | 2,218 | 342 | 270 | 1,517 | — | 85 | 4 |
| Dutchess | 2,402 | 371 | 393 | 1,417 | 118 | 63 | 41 |
| Erie | 4,532 | 495 | 1,179 | 1,704 | 748 | 263 | 144 |
| Essex | 1,356 | 329 | 357 | 628 | — | 31 | 10 |
| Franklin | 1,417 | 266 | 266 | 792 | — | 62 | 31 |
| Fulton | 853 | 143 | 144 | 439 | 101 | 23 | 2 |
| Genesee | 1,038 | 192 | 258 | 462 | 49 | 32 | 46 |
| Greene | 1,198 | 193 | 261 | 660 | — | 55 | 28 |
| Hamilton | 461 | 179 | 95 | 176 | — | 11 | — |
| Herkimer | 1,530 | 241 | 578 | 566 | 24 | 95 | 26 |
| Jefferson | 2,150 | 408 | 555 | 997 | 95 | 95 | 1 |
| Lewis | 1,331 | 154 | 249 | 895 | — | 32 | — |
| Livingston | 1,363 | 267 | 241 | 766 | — | 78 | 10 |
| Madison | 1,460 | 170 | 438 | 723 | 48 | 61 | 18 |
| Monroe | 3,409 | 479 | 651 | 1,548 | 535 | 115 | 82 |
| Montgomery | 1,032 | 178 | 394 | 295 | 76 | 51 | 39 |
| Nassau | 4,130 | 214 | 499 | 2,139 | 114 | 1,152 | 11 |
| Niagara | 1,623 | 244 | 283 | 599 | 424 | 33 | 42 |
| Oneida | 2,849 | 421 | 593 | 1,277 | 396 | 114 | 48 |
| Onondaga | 3,048 | 412 | 796 | 1,224 | 393 | 176 | 47 |
| Ontario | 1,534 | 225 | 239 | 911 | 76 | 53 | 30 |
| Orange | 2,506 | 398 | 315 | 1,343 | 163 | 220 | 68 |
| Orleans | 809 | 158 | 197 | 388 | — | 53 | 14 |
| Oswego | 1,946 | 287 | 503 | 969 | 138 | 45 | 4 |
| Otsego | 2,102 | 290 | 477 | 1,246 | 41 | 43 | 4 |
| Putnam | 823 | 134 | 117 | 560 | — | 12 | — |
| Rensselaer | 1,765 | 265 | 337 | 924 | 183 | 46 | 9 |
| Rockland | 1,172 | 98 | 168 | 547 | — | 280 | 79 |
| Saratoga | 2,068 | 268 | 363 | 1,191 | 159 | 85 | 2 |
| Schenectady | 919 | 149 | 221 | 330 | 177 | 27 | 16 |
| Schoharie | 1,174 | 188 | 321 | 629 | — | 32 | 3 |
| Schuyler | 712 | 104 | 122 | 449 | — | 38 | 1 |
| Seneca | 742 | 157 | 157 | 354 | — | 51 | 22 |
| St Lawrence | 3,139 | 516 | 575 | 1,844 | 49 | 135 | 19 |
| Steuben | 3,146 | 364 | 678 | 1,904 | 99 | 101 | 1 |
| Suffolk | 7,405 | 498 | 432 | 5,730 | — | 641 | 104 |
| Sullivan | 2,051 | 202 | 387 | 1,387 | 4 | 67 | 5 |
| Tioga | 1,124 | 155 | 145 | 771 | — | 54 | — |
| Tompkins | 1,243 | 163 | 307 | 625 | 69 | 69 | 9 |
| Ulster | 2,292 | 283 | 423 | 1,385 | 111 | 40 | 50 |
| Warren | 1,244 | 220 | 247 | 702 | 62 | 7 | 7 |
| Washington | 1,588 | 232 | 286 | 983 | — | 85 | 3 |
| Wayne | 1,550 | 174 | 406 | 837 | — | 131 | 3 |
| Westchester | 3,379 | 452 | 176 | 1,377 | 741 | 587 | 46 |
| Wyoming | 1,122 | 206 | 241 | 621 | — | 53 | 2 |
| Yates | 807 | 107 | 181 | 486 | — | 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, 2002.

TABLE M-17
Highway Utilization
New York State — 1978-2001

| 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 |

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, Planning Data Analysis Group, 2002.

TABLE M-18
Bridges by Owner and Condition
New York State — as of April 2002

| Owner | All Bridges in Inventory | Condition | |
|--------------------------------|-----------------------------|------------------------|---------------------|
| | | Deficient ¹ | Closed ² |
| Grand Total | 19,492 | 7,250 | 140 |
| State | 7,804 | 2,179 | 26 |
| Non-State | 11,688 | 5,071 | 114 |
| County | 6,133 | 2,303 | 54 |
| Town | 1,338 | 568 | 25 |
| Village | 171 | 82 | 2 |
| City | | | |
| New York City | 718 | 443 | 6 |
| Other Cities | 522 | 256 | 5 |
| Railroads | 1,267 | 735 | 9 |
| Authorities, Commissions, etc. | 1,539 | 684 | 13 |

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, 2002.

TABLE M-19
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-20
New York State Thruway Traffic (Controlled System)
2001

| 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 | 7,687,301 | 7,411,228 | 5,617,652 | 253,209 | 1,512,781 | 27,586 | |
| 16 | Harriman | 45 | 899,154 | 960,154 | 842,282 | 49,517 | 54,026 | 14,329 | |
| 17 | Newburgh | 60 | 5,415,212 | 5,568,477 | 4,060,465 | 363,390 | 1,087,967 | 56,655 | |
| 18 | New Paltz | 76 | 2,329,055 | 2,383,990 | 2,007,444 | 201,233 | 156,870 | 18,443 | |
| 19 | Kingston | 91 | 2,862,328 | 2,938,190 | 2,405,315 | 263,716 | 242,960 | 26,199 | |
| 20 | Saugerties | 101 | 1,462,354 | 1,374,324 | 1,082,432 | 163,896 | 110,795 | 17,201 | |
| 21 | Catskill | 114 | 1,480,469 | 1,508,492 | 1,141,638 | 194,651 | 147,667 | 24,536 | |
| 21B | Coxsackie | 124 | 1,096,492 | 1,060,456 | 640,909 | 276,956 | 127,804 | 14,787 | |
| 22 | Selkirk | 135 | 716,832 | 711,951 | 468,662 | 107,218 | 106,270 | 29,801 | |
| 23 | Southern Boulevard | 142 | 4,562,333 | 4,625,288 | 3,332,991 | 688,034 | 474,866 | 129,397 | |
| 24 | Washington Avenue | 148 | 12,880,198 | 13,354,665 | 10,683,445 | 913,743 | 1,661,105 | 96,372 | |
| 25 | Schenectady | 154 | 6,377,115 | 6,183,638 | 5,166,843 | 675,949 | 286,437 | 54,409 | |
| 25A | Schenectady I-88 | 159 | 3,642,432 | 3,503,910 | 2,710,559 | 54,822 | 714,001 | 24,528 | |
| 26 | Rotterdam | 162 | 1,103,901 | 1,088,830 | 805,746 | 151,593 | 117,674 | 13,817 | |
| 27 | Amsterdam | 174 | 1,582,790 | 1,582,124 | 1,098,647 | 295,168 | 168,865 | 19,444 | |
| 28 | Fultonville | 182 | 1,016,942 | 1,025,329 | 459,042 | 66,675 | 482,879 | 16,733 | |
| 29 | Canajoharie | 194 | 456,034 | 444,857 | 311,027 | 56,513 | 61,803 | 15,514 | |
| 29A | Little Falls | 211 | 224,463 | 232,149 | 158,910 | 21,586 | 44,251 | 7,402 | |
| 30 | Herkimer | 220 | 681,653 | 700,283 | 537,167 | 56,793 | 94,014 | 12,309 | |
| 31 | Utica | 233 | 1,926,716 | 1,926,861 | 1,421,336 | 141,290 | 340,690 | 23,545 | |
| 32 | Westmoreland | 243 | 1,101,882 | 1,112,124 | 828,842 | 169,221 | 103,584 | 10,477 | |
| 33 | Verona | 253 | 2,362,337 | 2,343,206 | 1,796,737 | 255,462 | 274,619 | 16,388 | |
| 34 | Canastota | 262 | 1,531,782 | 1,458,165 | 996,375 | 328,682 | 115,489 | 17,619 | |
| 34A | Collamer | 277 | 2,944,615 | 2,892,758 | 2,133,421 | 370,426 | 363,700 | 25,211 | |
| 35 | Thompson | 279 | 2,201,025 | 2,230,100 | 1,523,628 | 360,353 | 316,887 | 29,232 | |
| 36 | Mattydale | 283 | 3,080,224 | 3,089,006 | 2,288,452 | 211,461 | 564,837 | 24,256 | |
| 37 | Electronics Parkway | 284 | 1,024,250 | 1,081,206 | 818,755 | 180,268 | 63,654 | 18,529 | |
| 38 | Liverpool | 286 | 1,152,846 | 1,070,730 | 821,587 | 150,037 | 90,271 | 8,835 | |
| 39 | State Fair | 290 | 2,778,717 | 2,797,337 | 1,988,262 | 248,009 | 540,676 | 20,390 | |
| 40 | Weedsport | 304 | 1,254,545 | 1,228,157 | 819,372 | 200,928 | 192,140 | 15,717 | |
| 41 | Waterloo | 320 | 1,116,467 | 1,107,275 | 834,670 | 89,228 | 173,056 | 10,321 | |
| 42 | Geneva | 327 | 1,671,280 | 1,701,720 | 1,276,913 | 153,923 | 257,037 | 13,847 | |
| 43 | Manchester | 340 | 1,477,636 | 1,439,200 | 1,069,560 | 205,994 | 154,185 | 9,461 | |
| 44 | Canandaigua | 347 | 2,740,744 | 2,626,084 | 2,201,640 | 225,563 | 182,644 | 16,237 | |
| 45 | Victor | 351 | 4,897,684 | 5,038,810 | 4,259,771 | 411,311 | 345,641 | 22,087 | |
| 46 | Henrietta | 362 | 3,539,768 | 3,657,791 | 2,657,971 | 330,042 | 650,780 | 18,998 | |
| 47 | LeRoy | 379 | 2,514,607 | 2,431,339 | 1,863,753 | 143,920 | 405,431 | 18,235 | |
| 48 | Batavia | 390 | 1,514,027 | 1,509,609 | 1,069,590 | 152,015 | 264,518 | 23,486 | |
| 48A | Pembroke | 402 | 2,021,471 | 1,956,892 | 1,124,428 | 121,331 | 700,440 | 10,693 | |
| 49 | Depew | 417 | 3,184,741 | 3,250,620 | 2,739,415 | 112,638 | 381,658 | 16,909 | |
| 50 | Williamsville | 420 | 8,757,006 | 8,849,916 | 6,272,170 | 301,201 | 2,230,049 | 46,496 | |
| 55 | Lackawanna | 429 | 8,251,635 | 8,216,880 | 6,015,651 | 339,931 | 1,821,172 | 40,126 | |
| 56 | Blasdell | 432 | 2,273,773 | 2,215,554 | 1,906,232 | 105,235 | 190,669 | 13,418 | |
| 57 | Hamburg | 436 | 2,010,267 | 2,065,025 | 1,667,309 | 136,399 | 245,234 | 16,083 | |
| 57A | Angola | 445 | 873,707 | 844,115 | 675,578 | 102,662 | 57,986 | 7,889 | |
| 58 | Silver Creek | 456 | 907,466 | 950,942 | 714,858 | 112,483 | 109,174 | 14,427 | |
| 59 | Dunkirk | 468 | 1,639,151 | 1,636,638 | 1,259,013 | 104,340 | 252,860 | 20,425 | |
| 60 | Westfield | 485 | 278,496 | 289,846 | 233,195 | 11,349 | 38,906 | 6,396 | |
| 61 | State Line | 496 | 3,761,245 | 3,776,740 | 2,057,080 | 17,207 | 1,690,967 | 11,486 | |
| | Subtotal | | 131,267,168 | 131,452,981 | 98,866,740 | 10,647,571 | 20,771,989 | 1,166,681 | |
| | | | | | --- Berkshire Spur --- | | | | |
| B 1 | Post Road | B 7 | 2,980,958 | 2,854,355 | 2,179,977 | 76,223 | 570,485 | 27,670 | |
| B 2 | Taconic Parkway | B 15 | 841,813 | 779,752 | 723,298 | 30,776 | 11,854 | 13,824 | |
| B 3 | Canaan | B 18 | 4,222,317 | 4,225,168 | 2,972,742 | 44,310 | 1,193,045 | 15,071 | |
| | Subtotal | | 8,045,088 | 7,859,275 | 5,876,017 | 151,309 | 1,775,384 | 56,565 | |
| | GRAND TOTAL | | 139,312,256 | 139,312,256 | 104,742,757 | 10,798,880 | 22,547,373 | 1,223,246 | |

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-21
New York State Thruway
Bridges and Barriers — Traffic and Revenue Summary
2000-2001

| | Traffic | | Revenue | |
|------------------------------------|-------------|-------------|----------------|----------------|
| | 2001 | 2000 | 2001 | 2000 |
| Total Thruway Bridges and Barriers | 122,153,571 | 121,008,363 | \$ 145,195,643 | \$ 143,637,100 |
| Non-Revenue Traffic | 520,689 | 480,736 | — | — |
| Toll Traffic | 121,632,882 | 120,527,627 | 145,195,643 | 143,637,100 |
| Passenger Vehicles | 108,402,888 | 107,216,213 | 105,750,000 | 103,753,722 |
| Commercial Vehicles | 13,229,994 | 13,311,414 | 39,445,643 | 39,883,378 |
| Grand Island Bridges | 21,023,332 | 20,714,588 | 9,102,729 | 8,970,728 |
| Passenger Vehicles | 19,005,251 | 18,696,187 | 6,327,853 | 6,176,008 |
| Commercial Vehicles | 2,018,081 | 2,018,401 | 2,774,876 | 2,794,720 |
| Tappan Zee Bridge ¹ | 24,609,607 | 24,432,386 | 73,656,264 | 72,234,002 |
| Passenger Vehicles | 23,067,930 | 22,931,951 | 57,208,551 | 55,868,808 |
| Commercial Vehicles | 1,541,677 | 1,500,435 | 16,447,713 | 16,365,194 |
| Yonkers Barrier | 19,710,999 | 19,662,782 | 11,616,169 | 11,655,666 |
| Passenger Vehicles | 17,516,889 | 17,409,547 | 8,769,393 | 8,705,604 |
| Commercial Vehicles | 2,194,110 | 2,253,235 | 2,846,776 | 2,950,062 |
| New Rochelle Barrier ¹ | 21,017,397 | 20,804,011 | 25,968,894 | 25,983,778 |
| Passenger Vehicles | 18,101,751 | 17,809,979 | 18,101,746 | 17,809,980 |
| Commercial Vehicles | 2,915,646 | 2,994,032 | 7,867,148 | 8,173,798 |
| Spring Valley Barrier ¹ | 1,382,749 | 1,308,053 | 4,509,375 | 4,451,917 |
| Passenger Vehicles | — | — | — | — |
| Commercial Vehicles | 1,382,749 | 1,308,053 | 4,509,375 | 4,451,917 |
| Harriman Barrier | 17,678,546 | 17,345,672 | 10,136,406 | 9,938,875 |
| Passenger Vehicles | 16,388,729 | 16,069,949 | 8,215,493 | 8,036,326 |
| Commercial Vehicles | 1,289,817 | 1,275,723 | 1,920,913 | 1,902,549 |
| Buffalo City Line ¹ | 7,708,950 | 8,146,301 | 5,313,062 | 5,648,274 |
| Passenger Vehicles | 6,442,684 | 6,807,691 | 3,228,501 | 3,408,499 |
| Commercial Vehicles | 1,266,266 | 1,338,610 | 2,084,561 | 2,239,775 |
| Black Rock Barrier ¹ | 8,401,302 | 8,113,834 | 4,892,744 | 4,753,860 |
| Passenger Vehicles | 7,779,654 | 7,490,909 | 3,898,463 | 3,748,497 |
| Commercial Vehicles | 621,648 | 622,925 | 994,281 | 1,005,363 |

— Represents zero.

SOURCE: New York State Thruway Authority.

1 One-way trips.

TABLE M-22
New York State Thruway
Traffic and Revenue — One-Day Records
as of December 31, 2001

| Location | Traffic | | Revenue | |
|-----------------------|---------|--------------------|--------------|-------------------|
| | Trips | Date | Amount | Date |
| Entire Thruway System | 970,183 | August 24, 2001 | \$ 1,599,708 | June 30, 2000 |
| Controlled System | 536,421 | August 24, 2001 | 1,116,631 | September 1, 2000 |
| Grand Island Bridges | 82,859a | August 3, 2001 | 37,020 | August 3, 2001 |
| 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 | 64,250 | August 4, 2001 | 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-23
Public Transit Service
New York State
Fiscal Years 1980-81 — 2001-02
(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 |

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-24

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 | 1,405,304,701 | 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 | 2,452,669 | 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-25
Rail Freight Traffic
New York State — 1978-2000
(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 |

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, 2001.

TABLE M-26
AMTRAK Ridership in New York State
1980-2001
(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 | 1,404,236 | 99,783 | 1,304,453 |

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.
1994-2001: 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.

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

TABLE M-27

**Pleasure Craft Activity on the New York State Canal System
by Canal Section — 1970-2001**

| 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 |

r Revised.

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-28
Airfields by Type of Facility and Use
New York State — 1974-2001

| 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-29
Volume of Air Traffic by Certificated U.S. Flag Air Carriers¹
New York State
1998-2001

| City | Airport ² | Passenger Enplanements ³ | | | |
|--------------------|---------------------------------|-------------------------------------|------------|-------------------|------------|
| | | 1998 | 1999 | 2000 | 2001 |
| All Services | | 33,195,458 | 34,836,666 | 36,974,012 | 33,652,200 |
| Albany | Albany County | 1,089,109 | 1,140,518 | 1,407,092 | 1,463,632 |
| Binghamton | Broome County | 141,330 | 136,305 | 128,827 | 114,907 |
| Buffalo | Greater Buffalo International | 1,640,878 | 1,827,466 | 2,140,002 | 2,204,087 |
| Elmira | Elmira/Corning Regional | 104,550 | 108,124 | 112,866 | 104,717 |
| Ithaca | Tompkins County | 100,451 | 101,945 | 99,861 | 88,299 |
| Jamestown | Chautauqua County | 23,726 | 20,827 | 18,298 | 14,004 |
| Massena | Massena International | 4,171 | 4,110 | 3,715 | 3,019 |
| Monticello | Sullivan County International | 27 | NA | NA | 4 |
| New York City Area | | | | | |
| New York City | J.F.K. International | 15,031,100 | 15,375,183 | 16,155,437 | 14,553,815 |
| New York City | La Guardia | 11,404,082 | 11,968,030 | 12,697,208 | 11,352,248 |
| Islip | Long Island Mac Arthur | 438,118 | 982,379 | 1,120,686 | 1,009,919 |
| White Plains | Westchester County | 478,285 | 508,011 | 507,145 | 456,296 |
| East Hampton | East Hampton | 6 | NA | NA | 789 |
| Farmingdale | Republic | 841 | NA | NA | 1,923 |
| Newburgh | Stewart International | 362,932 | 307,685 | 274,126 | 197,872 |
| Ogdensburg | Ogdensburg International | 2,492 | 2,659 | 1,590 | 2,242 |
| Plattsburgh | Clinton County | 14,000 | 12,138 | 9,126 | 4,310 |
| Poughkeepsie | Dutchess County | 5,522 | 5,905 | 7,058 | 3,338 |
| Rochester | Greater Rochester International | 1,266,294 | 1,227,154 | 1,218,403 | 1,132,597 |
| Saranac Lake | Adirondack | 5,554 | 5,272 | 4,342 | 2,613 |
| Syracuse | Syracuse-Hancock International | 1,063,497 | 1,088,456 | 1,060,746 | 936,450 |
| Utica | Oneida County | 14,248 | 10,901 | 4,774 | 2,670 |
| Watertown | Watertown International | 4,245 | 3,598 | 2,710 | 2,449 |
| | | | | Cargo/Mail (Tons) | |
| City | Airport ² | 1998 | 1999 | 2000 | 2001 |
| All Services | | 1,976,985 | NA | NA | NA |
| Total Domestic | | 702,419 | NA | NA | NA |
| Albany | Albany County | 3,914 | NA | NA | NA |
| Binghamton | Broome County | 138 | NA | NA | NA |
| Buffalo | Greater Buffalo International | 58,065 | NA | NA | NA |
| Elmira | Elmira/Corning Regional | 129 | NA | NA | NA |
| Ithaca | Tompkins County | 43 | NA | NA | NA |
| Jamestown | Chautauqua County | 11 | NA | NA | NA |
| Massena | Massena International | — | NA | NA | NA |
| Monticello | Sullivan County International | — | NA | NA | NA |
| New York City Area | | | | | |
| New York City | J.F.K. International | 489,849 | NA | NA | NA |
| New York City | La Guardia | 72,350 | NA | NA | NA |
| Islip | Long Island-MacArthur | 1,305 | NA | NA | NA |
| White Plains | Westchester County | — | NA | NA | NA |
| Newburgh | Stewart International | 51,466 | NA | NA | NA |
| Ogdensburg | Ogdensburg International | — | NA | NA | NA |
| Plattsburgh | Clinton County | — | NA | NA | NA |
| Poughkeepsie | Dutchess County | — | NA | NA | NA |
| Rochester | Greater Rochester International | 2,581 | NA | NA | NA |
| Saranac Lake | Adirondack | — | NA | NA | NA |
| Syracuse | Syracuse-Hancock International | 22,568 | NA | NA | NA |
| Utica | Oneida County | — | NA | NA | NA |
| Watertown | Watertown International | — | NA | NA | NA |
| Total Overseas | | 1,274,566 | NA | NA | NA |
| New York City | J.F.K. International | 1,271,081 | NA | NA | NA |
| New York City | La Guardia | 3,485 | NA | NA | NA |

NOTE: In areas where a (—) appears, there is no regularly scheduled passenger service. However, carrier service or charter flights may originate or land at that site.

NA Not available.

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, 2002.