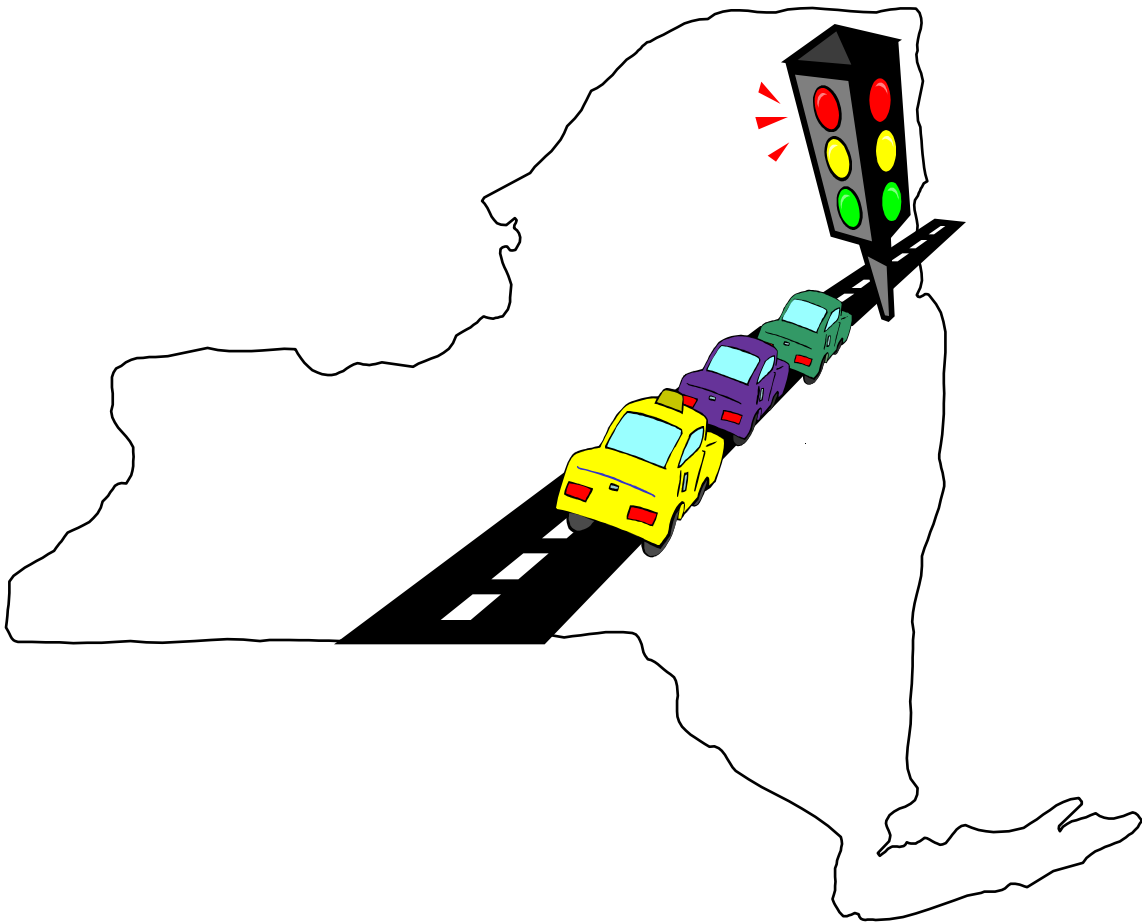


# **NEW YORK STATE TRAFFIC SAFETY DATA**



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## NEW YORK STATE TRAFFIC SAFETY DATA

This document provides various crash and ticket data for New York State. Ticket data are presented for the years 2009-2011. Four summary reports provide detailed crash data for the three years 2009-2011. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. Caution is advised in interpreting the data in cases where the numbers are very small.

For assistance in using the data in this document or to request additional information about New York's highway safety issues or highway safety grant opportunities for state and local governments or non-profit agencies, please contact

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## **SECTION 1**

### **General Crash Summary Report**

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**New York State**

| <b>TABLE 1 Crash Summary Totals</b> |                  |  |                  |  |                  |  |
|-------------------------------------|------------------|--|------------------|--|------------------|--|
| <b>Category Totals</b>              | <b>2009</b>      |  | <b>2010</b>      |  | <b>2011</b>      |  |
|                                     | <b>NYS Total</b> |  | <b>NYS Total</b> |  | <b>NYS Total</b> |  |
| <b>Total Crashes</b>                | <b>314,974</b>   |  | <b>315,377</b>   |  | <b>307,550</b>   |  |
| Fatal Crashes                       | 1,060            |  | 1,119            |  | 1,077            |  |
| Non-Fatal Personal Injury Crashes   | 133,888          |  | 134,151          |  | 128,036          |  |
| Reportable Property Damage Crashes  | 180,026          |  | 180,107          |  | 178,437          |  |
|                                     |                  |  |                  |  |                  |  |
| <b>Manner of Collision</b>          |                  |  |                  |  |                  |  |
| Single Vehicle Crashes              | 101,080          |  | 101,471          |  | 98,836           |  |
| Multiple Vehicle Crashes            | 213,894          |  | 213,906          |  | 208,714          |  |
|                                     |                  |  |                  |  |                  |  |
| <b>Special Crash Series</b>         |                  |  |                  |  |                  |  |
| Pedestrian/Motor Vehicle Crashes    | 15,682           |  | 16,357           |  | 15,928           |  |
| Bicycle/Motor Vehicle Crashes       | 5,620            |  | 6,276            |  | 6,076            |  |
| Motorcycle Crashes                  | 5,150            |  | 5,570            |  | 5,336            |  |
|                                     |                  |  |                  |  |                  |  |
| <b>Fatalities</b>                   |                  |  |                  |  |                  |  |
| <b>Persons Killed (1)</b>           | <b>1,148</b>     |  | <b>1,192</b>     |  | <b>1,153</b>     |  |
| Drivers Killed                      | 603              |  | 646              |  | 597              |  |
| Passengers Killed                   | 209              |  | 198              |  | 203              |  |
| Pedestrians Killed                  | 307              |  | 311              |  | 296              |  |
| Bicyclists Killed                   | 29               |  | 36               |  | 57               |  |
| Other                               | 0                |  | 1                |  | 0                |  |
|                                     |                  |  |                  |  |                  |  |
| <b>Non-Fatal Injuries</b>           |                  |  |                  |  |                  |  |
| <b>Persons Injured (1)</b>          | <b>186,034</b>   |  | <b>187,566</b>   |  | <b>177,445</b>   |  |
| Drivers Injured                     | 112,855          |  | 112,104          |  | 106,335          |  |
| Passengers Injured                  | 51,499           |  | 52,421           |  | 48,677           |  |
| Pedestrians Injured                 | 15,321           |  | 16,090           |  | 15,689           |  |
| Bicyclists Injured                  | 5,405            |  | 6,058            |  | 5,883            |  |
| Other                               | 954              |  | 893              |  | 861              |  |

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- \* Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- \* The Property Damage Crash reporting level is \$1,000 or more.
- \* The term "vehicle" always excludes bicycles.
- \* The term "driver" always excludes bicyclists.
- \* Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes  
New York State**

| <b>TABLE 1.1 Crash and Fatality &amp; Injury Rates</b> |             |             |             |
|--|-------------|-------------|-------------|
|  | <b>2009</b> | <b>2010</b> | <b>2011</b> |
| <b>Crash Rates</b>                                     |             |             |             |
| Crash Rate per 10,000 Population                       | 161.18      | 162.75      | 158.00      |
| Crash Rate per 10,000 Licensed Drivers                 | 278.01      | 279.45      | 274.33      |
| <b>Fatality &amp; Injury Rates</b>                     |             |             |             |
| Fatality & Injury Rate per 10,000 Population           | 95.79       | 97.41       | 91.75       |
| Fatality & Injury Rate per 10,000 Licensed Drivers     | 165.22      | 167.25      | 159.31      |

| <b>TABLE 2 Day of Week/Time of Day: 2011</b> |                          |                    |                 |                 |                |                |
|--|--------------------------|--------------------|-----------------|-----------------|----------------|----------------|
|  | <b>Total<br/>Crashes</b> | <b>Time of Day</b> |                 |                 |                |                |
|  |                          | <b>Mid-6am</b>     | <b>6am-Noon</b> | <b>Noon-6pm</b> | <b>6pm-Mid</b> | <b>Unknown</b> |
| <b>Total</b>                                 | <b>307,550</b>           | <b>25,180</b>      | <b>79,509</b>   | <b>120,886</b>  | <b>70,677</b>  | <b>11,298</b>  |
| Sunday                                       | 33,846                   | 5,568              | 6,626           | 12,220          | 8,076          | 1,356          |
| Monday                                       | 42,399                   | 2,655              | 12,317          | 16,892          | 8,952          | 1,583          |
| Tuesday                                      | 45,778                   | 2,354              | 12,915          | 18,585          | 10,238         | 1,686          |
| Wednesday                                    | 46,571                   | 2,672              | 13,231          | 18,740          | 10,328         | 1,600          |
| Thursday                                     | 45,092                   | 2,761              | 12,308          | 17,809          | 10,570         | 1,644          |
| Friday                                       | 51,808                   | 3,520              | 13,273          | 21,117          | 12,086         | 1,812          |
| Saturday                                     | 42,056                   | 5,650              | 8,839           | 15,523          | 10,427         | 1,617          |

| <b>TABLE 3 Police Investigating Agency</b> |                |              |                |              |                |              |
|--|----------------|--------------|----------------|--------------|----------------|--------------|
|  | <b>2009</b>    |              | <b>2010</b>    |              | <b>2011</b>    |              |
|  | <b>#</b>       | <b>%</b>     | <b>#</b>       | <b>%</b>     | <b>#</b>       | <b>%</b>     |
| <b>Total</b>                               | <b>256,953</b> | <b>100.0</b> | <b>258,988</b> | <b>100.0</b> | <b>257,066</b> | <b>100.0</b> |
| State Police                               | 48,477         | 18.9         | 48,339         | 18.7         | 46,832         | 18.2         |
| County Police                              | 73,286         | 28.5         | 70,868         | 27.4         | 75,297         | 29.3         |
| New York City (NYPD)                       | 52,319         | 20.4         | 56,178         | 21.7         | 52,369         | 20.4         |
| Municipal Police (non-NYC)                 | 82,866         | 32.2         | 83,597         | 32.3         | 82,562         | 32.1         |
| Unknown                                    | 5              | <0.1         | 6              | <0.1         | 6              | <0.1         |

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**New York State**

| <b>TABLE 4 Jurisdictional Road System</b> |                                |  |             |  |             |  |
|---|--------------------------------|--|-------------|--|-------------|--|
|   | <b>2009</b>                    |  | <b>2010</b> |  | <b>2011</b> |  |
|   |                                |  |             |  |             |  |
| <b>Total</b>                              | No roadway data are available. |  |             |  |             |  |
| State Routes                              |                                |  |             |  |             |  |
| County Routes                             |                                |  |             |  |             |  |
| Town Routes                               |                                |  |             |  |             |  |
| Municipal Routes                          |                                |  |             |  |             |  |
| Parkways                                  |                                |  |             |  |             |  |
| Thruway                                   |                                |  |             |  |             |  |
| Other Interstates                         |                                |  |             |  |             |  |
| Unknown                                   |                                |  |             |  |             |  |

| <b>TABLE 5 Driver Gender and Age</b> |                |              |                |              |                |              |
|--------------------------------------|----------------|--------------|----------------|--------------|----------------|--------------|
|                                      | <b>2009</b>    |              | <b>2010</b>    |              | <b>2011</b>    |              |
|                                      | <b>#</b>       | <b>%</b>     | <b>#</b>       | <b>%</b>     | <b>#</b>       | <b>%</b>     |
| <b>Total Drivers</b>                 | <b>519,761</b> | <b>100.0</b> | <b>518,750</b> | <b>100.0</b> | <b>505,648</b> | <b>100.0</b> |
| Male                                 | 292,537        | 56.3         | 291,605        | 56.2         | 284,845        | 56.3         |
| Female                               | 196,424        | 37.8         | 196,261        | 37.8         | 191,109        | 37.8         |
| Unknown                              | 30,800         | 5.9          | 30,884         | 6.0          | 29,694         | 5.9          |
| <hr/>                                |                |              |                |              |                |              |
| Under Age 16                         | 78             | <0.1         | 55             | <0.1         | 37             | <0.1         |
| Ages 16-20                           | 54,578         | 10.5         | 50,788         | 9.8          | 46,426         | 9.2          |
| Ages 21-29                           | 102,064        | 19.6         | 101,684        | 19.6         | 99,803         | 19.7         |
| Ages 30-39                           | 86,870         | 16.7         | 86,037         | 16.6         | 83,617         | 16.5         |
| Ages 40-49                           | 95,770         | 18.4         | 94,989         | 18.3         | 92,049         | 18.2         |
| Ages 50-59                           | 75,830         | 14.6         | 77,867         | 15.0         | 77,832         | 15.4         |
| Ages 60-69                           | 41,731         | 8.0          | 43,479         | 8.4          | 44,083         | 8.7          |
| Ages 70 and Over                     | 30,309         | 5.8          | 31,227         | 6.0          | 30,588         | 6.0          |
| Unknown Age                          | 32,531         | 6.3          | 32,624         | 6.3          | 31,213         | 6.2          |

**New York State Department of Motor Vehicles**  
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**TABLE 6(P) Select Crash Contributing Factors**

|                                | 2009           |      | 2010           |      | 2011           |      |
|--------------------------------|----------------|------|----------------|------|----------------|------|
|                                | #              | %    | #              | %    | #              | %    |
| <b>Total Crashes</b>           | <b>256,953</b> |      | <b>258,988</b> |      | <b>257,066</b> |      |
| Alcohol Involvement*           | 8,439          | 3.3  | 8,108          | 3.1  | 7,934          | 3.1  |
| Backing Unsafely               | 8,968          | 3.5  | 9,608          | 3.7  | 9,593          | 3.7  |
| Driver Inattention/Distraction | 47,713         | 18.6 | 49,833         | 19.2 | 49,917         | 19.4 |
| Driver Inexperience            | 5,917          | 2.3  | 5,879          | 2.3  | 5,664          | 2.2  |
| Failure to Keep Right          | 5,281          | 2.1  | 5,124          | 2.0  | 5,188          | 2.0  |
| Failure to Yield R.O.W.        | 37,036         | 14.4 | 38,085         | 14.7 | 39,417         | 15.3 |
| Following Too Closely          | 38,582         | 15.0 | 40,666         | 15.7 | 42,700         | 16.6 |
| Passing/Lane Violations        | 19,836         | 7.7  | 21,480         | 8.3  | 22,919         | 8.9  |
| Traffic Control Disregarded    | 10,390         | 4.0  | 10,276         | 4.0  | 10,244         | 4.0  |
| Turning Improperly             | 9,242          | 3.6  | 9,035          | 3.5  | 9,740          | 3.8  |
| Unsafe Speed*                  | 28,263         | 11.0 | 27,555         | 10.6 | 27,547         | 10.7 |

\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the state. For data on the total number of alcohol-related crashes in the state, see separate report titled, "Summary of Alcohol-Related Crashes." For data on the total number of speed-related crashes in the state, see separate report titled, "Summary of Speed-Related Crashes."

Note: Many crashes have multiple factors reported.

**TABLE 7 Persons Killed or Injured by Age Group: 2010-2011**

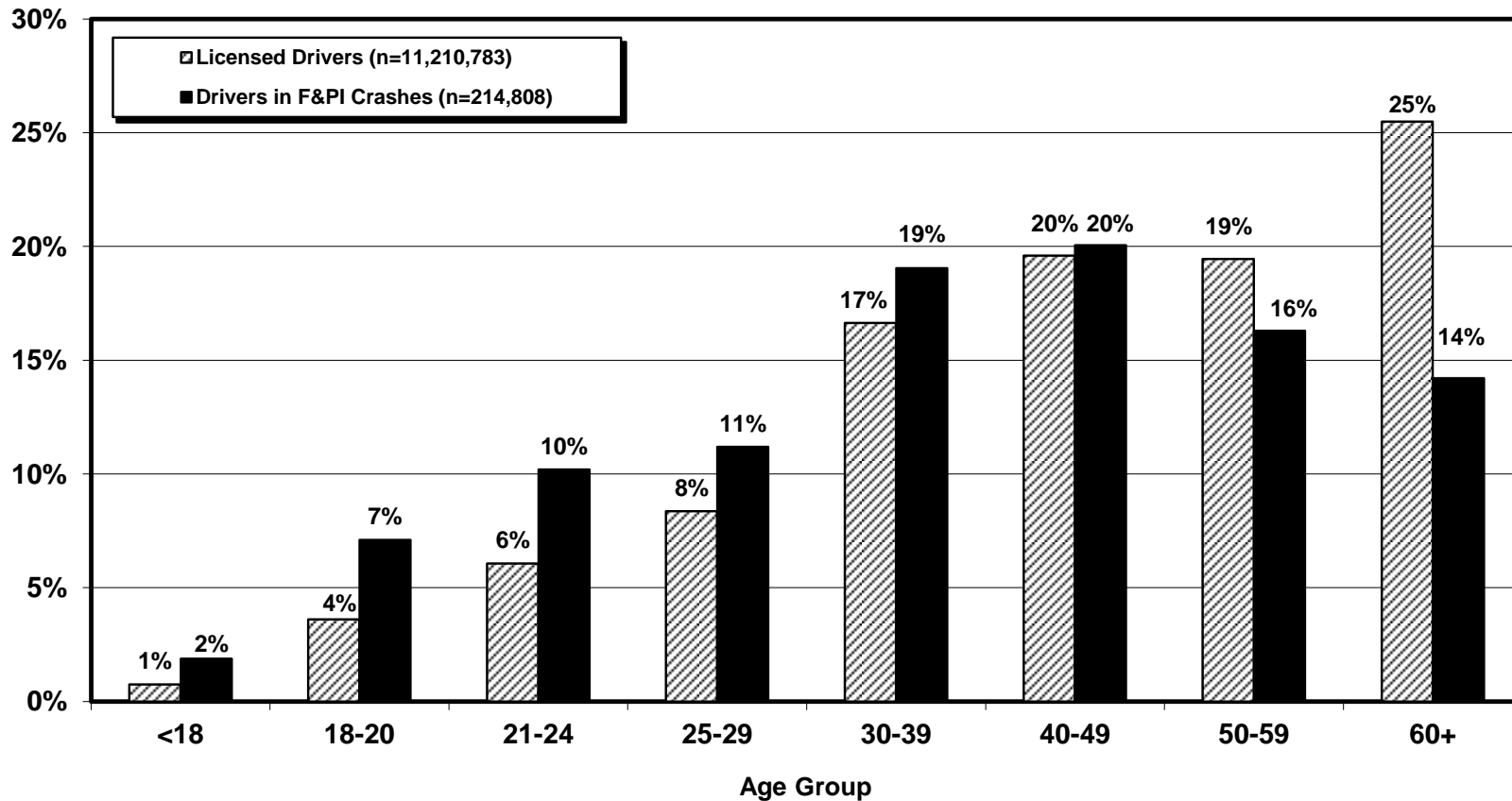
| Age Group        | 2010           |              |               | 2011           |              |               |
|------------------|----------------|--------------|---------------|----------------|--------------|---------------|
|                  | Total #        | %            | # of Ped/Bike | Total #        | %            | # of Ped/Bike |
| <b>Total</b>     | <b>188,758</b> | <b>100.0</b> | <b>22,495</b> | <b>178,598</b> | <b>100.0</b> | <b>21,925</b> |
| Under Age 4      | 2,091          | 1.1          | 241           | 1,882          | 1.1          | 240           |
| Ages 4-6         | 2,212          | 1.2          | 394           | 2,083          | 1.2          | 346           |
| Ages 7-15        | 9,345          | 5.0          | 2,901         | 8,750          | 4.9          | 2,538         |
| Ages 16-17       | 5,792          | 3.1          | 989           | 5,070          | 2.8          | 886           |
| Ages 18-20       | 14,846         | 7.9          | 1,499         | 13,204         | 7.4          | 1,472         |
| Ages 21-29       | 39,534         | 20.9         | 3,946         | 37,359         | 20.9         | 3,990         |
| Ages 30-39       | 30,758         | 16.3         | 2,765         | 29,083         | 16.3         | 2,836         |
| Ages 40-49       | 30,788         | 16.3         | 2,862         | 28,944         | 16.2         | 2,681         |
| Ages 50-59       | 24,479         | 13.0         | 2,403         | 24,007         | 13.4         | 2,344         |
| Ages 60-69       | 13,075         | 6.9          | 1,424         | 13,077         | 7.3          | 1,436         |
| Ages 70 and Over | 9,986          | 5.3          | 1,193         | 9,450          | 5.3          | 1,139         |
| Unknown Age      | 5,852          | 3.1          | 1,878         | 5,689          | 3.2          | 2,017         |

**TABLE 8(P) Reported Safety Equipment Use**

|                                | 2009                |              | 2010                |              | 2011                |              |
|--------------------------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|                                | # Killed or Injured | %            | # Killed or Injured | %            | # Killed or Injured | %            |
| <b>Motor Vehicle Occupants</b> | <b>144,468</b>      | <b>100.0</b> | <b>144,820</b>      | <b>100.0</b> | <b>137,844</b>      | <b>100.0</b> |
| No Restraint Used              | 9,434               | 6.5          | 9,538               | 6.6          | 9,172               | 6.7          |
| Restraint Used                 | 125,767             | 87.1         | 125,978             | 87.0         | 119,842             | 86.9         |
| Unknown                        | 9,267               | 6.4          | 9,304               | 6.4          | 8,830               | 6.4          |
| <b>Motorcyclists</b>           | <b>4,502</b>        | <b>100.0</b> | <b>4,932</b>        | <b>100.0</b> | <b>4,731</b>        | <b>100.0</b> |
| No Helmet Used                 | 497                 | 11.0         | 535                 | 10.8         | 510                 | 10.8         |
| Helmet Used                    | 3,593               | 79.8         | 3,959               | 80.3         | 3,816               | 80.7         |
| Unknown                        | 412                 | 9.2          | 438                 | 8.9          | 405                 | 8.6          |
| <b>Bicyclists</b>              | <b>5,269</b>        | <b>100.0</b> | <b>5,845</b>        | <b>100.0</b> | <b>5,681</b>        | <b>100.0</b> |
| No Helmet Used                 | 2,489               | 47.2         | 2,438               | 41.7         | 2,379               | 41.9         |
| Helmet Used                    | 658                 | 12.5         | 843                 | 14.4         | 926                 | 16.3         |
| Unknown                        | 2,122               | 40.3         | 2,564               | 43.9         | 2,376               | 41.8         |



**FIGURE 1**  
**New York State 2011**  
**Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes**  
**by Age Group**



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes. Approximately 4% of the drivers in fatal and personal injury crashes were excluded due to unknown age.

**New York State Department of Motor Vehicles**  
**Motor Vehicle Crashes**  
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**TABLE 9 Crash Data by County: 2011**

|                | Total Crashes |            | Severity of Crash |            |                 |            |                 |            | Persons          |            |                |            |
|----------------|---------------|------------|-------------------|------------|-----------------|------------|-----------------|------------|------------------|------------|----------------|------------|
|                |               |            | Fatal             |            | Personal Injury |            | Property Damage |            | Total Fatalities |            | Total Injuries |            |
|                | #             | % of State | #                 | % of State | #               | % of State | #               | % of State | #                | % of State | #              | % of State |
| <b>Upstate</b> |               |            |                   |            |                 |            |                 |            |                  |            |                |            |
| Albany         | 7,889         | 2.6        | 19                | 1.8        | 2,468           | 1.9        | 5,402           | 3.0        | 21               | 1.8        | 3,229          | 1.8        |
| Allegany       | 876           | 0.3        | 2                 | 0.2        | 241             | 0.2        | 633             | 0.4        | 2                | 0.2        | 296            | 0.2        |
| Broome         | 4,196         | 1.4        | 17                | 1.6        | 1,264           | 1.0        | 2,915           | 1.6        | 19               | 1.6        | 1,634          | 0.9        |
| Cattaraugus    | 1,621         | 0.5        | 12                | 1.1        | 414             | 0.3        | 1,195           | 0.7        | 12               | 1.0        | 578            | 0.3        |
| Cayuga         | 1,626         | 0.5        | 6                 | 0.6        | 482             | 0.4        | 1,138           | 0.6        | 6                | 0.5        | 665            | 0.4        |
| Chautauqua     | 2,651         | 0.9        | 14                | 1.3        | 772             | 0.6        | 1,865           | 1.0        | 14               | 1.2        | 1,048          | 0.6        |
| Chemung        | 1,659         | 0.5        | 14                | 1.3        | 466             | 0.4        | 1,179           | 0.7        | 16               | 1.4        | 614            | 0.3        |
| Chenango       | 1,094         | 0.4        | 6                 | 0.6        | 286             | 0.2        | 802             | 0.4        | 7                | 0.6        | 365            | 0.2        |
| Clinton        | 1,732         | 0.6        | 6                 | 0.6        | 421             | 0.3        | 1,305           | 0.7        | 9                | 0.8        | 588            | 0.3        |
| Columbia       | 1,325         | 0.4        | 2                 | 0.2        | 359             | 0.3        | 964             | 0.5        | 2                | 0.2        | 446            | 0.3        |
| Cortland       | 1,138         | 0.4        | 1                 | 0.1        | 280             | 0.2        | 857             | 0.5        | 1                | 0.1        | 372            | 0.2        |
| Delaware       | 1,083         | 0.4        | 6                 | 0.6        | 254             | 0.2        | 823             | 0.5        | 8                | 0.7        | 314            | 0.2        |
| Dutchess       | 5,985         | 1.9        | 27                | 2.5        | 1,936           | 1.5        | 4,022           | 2.3        | 28               | 2.4        | 2,553          | 1.4        |
| Erie           | 16,928        | 5.5        | 44                | 4.1        | 6,781           | 5.3        | 10,103          | 5.7        | 48               | 4.2        | 9,282          | 5.2        |
| Essex          | 1,023         | 0.3        | 6                 | 0.6        | 230             | 0.2        | 787             | 0.4        | 9                | 0.8        | 322            | 0.2        |
| Franklin       | 1,107         | 0.4        | 6                 | 0.6        | 295             | 0.2        | 806             | 0.5        | 6                | 0.5        | 392            | 0.2        |
| Fulton         | 898           | 0.3        | 9                 | 0.8        | 319             | 0.2        | 570             | 0.3        | 9                | 0.8        | 412            | 0.2        |
| Genesee        | 1,860         | 0.6        | 8                 | 0.7        | 402             | 0.3        | 1,450           | 0.8        | 8                | 0.7        | 603            | 0.3        |
| Greene         | 1,216         | 0.4        | 6                 | 0.6        | 308             | 0.2        | 902             | 0.5        | 6                | 0.5        | 428            | 0.2        |
| Hamilton       | 205           | 0.1        | 1                 | 0.1        | 45              | <0.1       | 159             | 0.1        | 1                | 0.1        | 59             | <0.1       |
| Herkimer       | 1,138         | 0.4        | 6                 | 0.6        | 323             | 0.3        | 809             | 0.5        | 6                | 0.5        | 427            | 0.2        |
| Jefferson      | 2,162         | 0.7        | 13                | 1.2        | 672             | 0.5        | 1,477           | 0.8        | 13               | 1.1        | 962            | 0.5        |
| Lewis          | 495           | 0.2        | 2                 | 0.2        | 115             | 0.1        | 378             | 0.2        | 2                | 0.2        | 160            | 0.1        |
| Livingston     | 1,506         | 0.5        | 7                 | 0.6        | 329             | 0.3        | 1,170           | 0.7        | 8                | 0.7        | 438            | 0.2        |
| Madison        | 1,452         | 0.5        | 6                 | 0.6        | 342             | 0.3        | 1,104           | 0.6        | 6                | 0.5        | 465            | 0.3        |
| Monroe         | 14,626        | 4.8        | 42                | 3.9        | 4,841           | 3.8        | 9,743           | 5.5        | 45               | 3.9        | 6,539          | 3.7        |
| Montgomery     | 1,093         | 0.4        | 10                | 0.9        | 275             | 0.2        | 808             | 0.5        | 10               | 0.9        | 347            | 0.2        |
| Nassau         | 33,927        | 11.0       | 87                | 8.1        | 12,941          | 10.1       | 20,899          | 11.7       | 90               | 7.8        | 18,160         | 10.2       |
| Niagara        | 3,624         | 1.2        | 16                | 1.5        | 1,255           | 1.0        | 2,353           | 1.3        | 16               | 1.4        | 1,731          | 1.0        |
| Oneida         | 4,437         | 1.4        | 12                | 1.1        | 1,355           | 1.1        | 3,070           | 1.7        | 13               | 1.1        | 1,780          | 1.0        |
| Onondaga       | 9,953         | 3.2        | 26                | 2.4        | 3,156           | 2.5        | 6,771           | 3.8        | 26               | 2.3        | 4,103          | 2.3        |
| Ontario        | 2,524         | 0.8        | 13                | 1.2        | 695             | 0.5        | 1,816           | 1.0        | 13               | 1.1        | 978            | 0.6        |
| Orange         | 9,898         | 3.2        | 32                | 3.0        | 2,857           | 2.2        | 7,009           | 3.9        | 35               | 3.0        | 3,912          | 2.2        |
| Orleans        | 718           | 0.2        | 5                 | 0.5        | 191             | 0.1        | 522             | 0.3        | 5                | 0.4        | 268            | 0.2        |
| Oswego         | 2,013         | 0.7        | 10                | 0.9        | 651             | 0.5        | 1,352           | 0.8        | 12               | 1.0        | 893            | 0.5        |
| Otsego         | 1,399         | 0.5        | 2                 | 0.2        | 347             | 0.3        | 1,050           | 0.6        | 2                | 0.2        | 409            | 0.2        |
| Putnam         | 2,338         | 0.8        | 10                | 0.9        | 645             | 0.5        | 1,683           | 0.9        | 11               | 1.0        | 851            | 0.5        |
| Rensselaer     | 2,702         | 0.9        | 7                 | 0.6        | 859             | 0.7        | 1,836           | 1.0        | 8                | 0.7        | 1,135          | 0.6        |
| Rockland       | 6,437         | 2.1        | 17                | 1.6        | 2,263           | 1.8        | 4,157           | 2.3        | 17               | 1.5        | 3,087          | 1.7        |
| St. Lawrence   | 2,318         | 0.8        | 9                 | 0.8        | 528             | 0.4        | 1,781           | 1.0        | 9                | 0.8        | 714            | 0.4        |
| Saratoga       | 4,520         | 1.5        | 17                | 1.6        | 1,213           | 0.9        | 3,290           | 1.8        | 17               | 1.5        | 1,612          | 0.9        |
| Schenectady    | 3,319         | 1.1        | 9                 | 0.8        | 981             | 0.8        | 2,329           | 1.3        | 9                | 0.8        | 1,262          | 0.7        |
| Schoharie      | 638           | 0.2        | 0                 | 0.0        | 164             | 0.1        | 474             | 0.3        | 0                | 0.0        | 229            | 0.1        |
| Schuyler       | 452           | 0.1        | 2                 | 0.2        | 110             | 0.1        | 340             | 0.2        | 2                | 0.2        | 140            | 0.1        |
| Seneca         | 812           | 0.3        | 6                 | 0.6        | 237             | 0.2        | 569             | 0.3        | 6                | 0.5        | 383            | 0.2        |
| Steuben        | 2,005         | 0.7        | 10                | 0.9        | 491             | 0.4        | 1,504           | 0.8        | 11               | 1.0        | 667            | 0.4        |
| Suffolk        | 30,477        | 9.9        | 139               | 12.9       | 12,468          | 9.7        | 17,870          | 10.0       | 144              | 12.5       | 17,989         | 10.1       |
| Sullivan       | 1,760         | 0.6        | 11                | 1.0        | 516             | 0.4        | 1,233           | 0.7        | 13               | 1.1        | 708            | 0.4        |
| Tioga          | 868           | 0.3        | 8                 | 0.7        | 220             | 0.2        | 640             | 0.4        | 9                | 0.8        | 303            | 0.2        |
| Tompkins       | 2,344         | 0.8        | 6                 | 0.6        | 500             | 0.4        | 1,838           | 1.0        | 7                | 0.6        | 660            | 0.4        |

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**NEW YORK STATE**

**TABLE 9 Crash Data by County: 2011**

|                            | Total Crashes  |              | Severity of Crash |              |                 |              |                 |              | Persons          |              |                |              |
|----------------------------|----------------|--------------|-------------------|--------------|-----------------|--------------|-----------------|--------------|------------------|--------------|----------------|--------------|
|                            |                |              | Fatal             |              | Personal Injury |              | Property Damage |              | Total Fatalities |              | Total Injuries |              |
|                            | #              | % of State   | #                 | % of State   | #               | % of State   | #               | % of State   | #                | % of State   | #              | % of State   |
| <b>Upstate (Cont'd)</b>    |                |              |                   |              |                 |              |                 |              |                  |              |                |              |
| Ulster                     | 4,443          | 1.4          | 14                | 1.3          | 1,343           | 1.0          | 3,086           | 1.7          | 14               | 1.2          | 1,778          | 1.0          |
| Warren                     | 1,747          | 0.6          | 6                 | 0.6          | 508             | 0.4          | 1,233           | 0.7          | 7                | 0.6          | 689            | 0.4          |
| Washington                 | 1,032          | 0.3          | 9                 | 0.8          | 324             | 0.3          | 699             | 0.4          | 11               | 1.0          | 431            | 0.2          |
| Wayne                      | 1,617          | 0.5          | 9                 | 0.8          | 434             | 0.3          | 1,174           | 0.7          | 9                | 0.8          | 628            | 0.4          |
| Westchester                | 15,250         | 5.0          | 31                | 2.9          | 5,754           | 4.5          | 9,465           | 5.3          | 34               | 2.9          | 7,782          | 4.4          |
| Wyoming                    | 1,060          | 0.3          | 5                 | 0.5          | 204             | 0.2          | 851             | 0.5          | 7                | 0.6          | 301            | 0.2          |
| Yates                      | 465            | 0.2          | 1                 | 0.1          | 116             | 0.1          | 348             | 0.2          | 6                | 0.5          | 154            | 0.1          |
| <b>Total Upstate</b>       | <b>233,681</b> | <b>76.0</b>  | <b>827</b>        | <b>76.8</b>  | <b>78,246</b>   | <b>61.1</b>  | <b>154,608</b>  | <b>86.6</b>  | <b>885</b>       | <b>76.8</b>  | <b>107,275</b> | <b>60.5</b>  |
| <b>New York City</b>       |                |              |                   |              |                 |              |                 |              |                  |              |                |              |
| Bronx                      | 10,305         | 3.4          | 48                | 4.5          | 7,248           | 5.7          | 3,009           | 1.7          | 65               | 5.6          | 10,746         | 6.1          |
| Kings                      | 21,990         | 7.2          | 78                | 7.2          | 16,095          | 12.6         | 5,817           | 3.3          | 79               | 6.9          | 23,058         | 13.0         |
| New York                   | 14,176         | 4.6          | 45                | 4.2          | 9,298           | 7.3          | 4,833           | 2.7          | 45               | 3.9          | 12,045         | 6.8          |
| Queens                     | 21,530         | 7.0          | 67                | 6.2          | 13,991          | 10.9         | 7,472           | 4.2          | 67               | 5.8          | 19,800         | 11.2         |
| Richmond                   | 5,059          | 1.6          | 12                | 1.1          | 3,002           | 2.3          | 2,045           | 1.1          | 12               | 1.0          | 4,306          | 2.4          |
| <b>Total New York City</b> | <b>73,060</b>  | <b>23.8</b>  | <b>250</b>        | <b>23.2</b>  | <b>49,634</b>   | <b>38.8</b>  | <b>23,176</b>   | <b>13.0</b>  | <b>268</b>       | <b>23.2</b>  | <b>69,955</b>  | <b>39.4</b>  |
| Unknown County             | 809            | 0.3          | 0                 | 0.0          | 156             | 0.1          | 653             | 0.4          | 0                | 0.0          | 215            | 0.1          |
| <b>TOTAL STATE</b>         | <b>307,550</b> | <b>100.0</b> | <b>1,077</b>      | <b>100.0</b> | <b>128,036</b>  | <b>100.0</b> | <b>178,437</b>  | <b>100.0</b> | <b>1,153</b>     | <b>100.0</b> | <b>177,445</b> | <b>100.0</b> |

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**New York State**

| <b>TABLE 10 Select Crash Series Data by County: 2009-2011</b> |                      |             |             |                   |             |             |                   |             |             |                |             |             |                         |             |             |                       |             |             |
|---|----------------------|-------------|-------------|-------------------|-------------|-------------|-------------------|-------------|-------------|----------------|-------------|-------------|-------------------------|-------------|-------------|-----------------------|-------------|-------------|
|   | <b>Total Crashes</b> |             |             | <b>Motorcycle</b> |             |             | <b>Pedestrian</b> |             |             | <b>Bicycle</b> |             |             | <b>Alcohol-Related*</b> |             |             | <b>Speed-Related*</b> |             |             |
|   | <b>2009</b>          | <b>2010</b> | <b>2011</b> | <b>2009</b>       | <b>2010</b> | <b>2011</b> | <b>2009</b>       | <b>2010</b> | <b>2011</b> | <b>2009</b>    | <b>2010</b> | <b>2011</b> | <b>2009</b>             | <b>2010</b> | <b>2011</b> | <b>2009</b>           | <b>2010</b> | <b>2011</b> |
| <b>UPSTATE</b>  |                      |             |             |                   |             |             |                   |             |             |                |             |             |                         |             |             |                       |             |             |
| Albany  | 8,140                | 7,965       | 7,889       | 131               | 127         | 123         | 199               | 213         | 216         | 78             | 92          | 89          | 258                     | 241         | 228         | 828                   | 753         | 761         |
| Allegany  | 929                  | 926         | 876         | 29                | 23          | 16          | 15                | 10          | 12          | 4              | 4           | 4           | 52                      | 59          | 55          | 218                   | 189         | 173         |
| Broome  | 4,058                | 3,842       | 4,196       | 65                | 67          | 89          | 89                | 107         | 101         | 46             | 54          | 42          | 164                     | 170         | 152         | 427                   | 340         | 420         |
| Cattaraugus   | 1,713                | 1,596       | 1,621       | 46                | 56          | 52          | 24                | 27          | 13          | 15             | 15          | 9           | 86                      | 73          | 84          | 237                   | 182         | 214         |
| Cayuga  | 1,720                | 1,815       | 1,626       | 31                | 42          | 34          | 20                | 28          | 35          | 12             | 13          | 7           | 89                      | 70          | 67          | 202                   | 250         | 184         |
| Chautauqua  | 2,766                | 2,672       | 2,651       | 47                | 63          | 69          | 45                | 41          | 58          | 26             | 27          | 30          | 127                     | 109         | 110         | 257                   | 222         | 270         |
| Chemung   | 1,592                | 1,573       | 1,659       | 28                | 30          | 30          | 26                | 30          | 31          | 26             | 26          | 24          | 77                      | 68          | 62          | 165                   | 162         | 218         |
| Chenango  | 1,080                | 1,232       | 1,094       | 27                | 27          | 16          | 15                | 14          | 13          | 7              | 8           | 6           | 44                      | 51          | 44          | 203                   | 235         | 223         |
| Clinton   | 1,667                | 1,718       | 1,732       | 35                | 39          | 32          | 32                | 19          | 22          | 14             | 18          | 16          | 50                      | 67          | 55          | 258                   | 262         | 321         |
| Columbia  | 1,398                | 1,431       | 1,325       | 26                | 34          | 26          | 19                | 13          | 12          | 7              | 2           | 9           | 36                      | 47          | 49          | 177                   | 202         | 166         |
| Cortland  | 1,267                | 1,235       | 1,138       | 10                | 19          | 16          | 12                | 14          | 16          | 9              | 15          | 14          | 34                      | 41          | 42          | 270                   | 233         | 218         |
| Delaware  | 1,072                | 1,156       | 1,083       | 23                | 33          | 21          | 13                | 11          | 11          | 1              | 2           | 3           | 46                      | 42          | 43          | 262                   | 262         | 274         |
| Dutchess  | 6,641                | 6,482       | 5,985       | 119               | 119         | 99          | 86                | 111         | 92          | 35             | 48          | 38          | 213                     | 181         | 213         | 962                   | 944         | 773         |
| Erie  | 16,727               | 17,389      | 16,928      | 280               | 259         | 279         | 550               | 528         | 531         | 331            | 350         | 309         | 609                     | 561         | 604         | 1,165                 | 1,237       | 1,315       |
| Essex   | 990                  | 999         | 1,023       | 37                | 38          | 38          | 12                | 7           | 9           | 7              | 6           | 5           | 40                      | 54          | 46          | 207                   | 228         | 260         |
| Franklin  | 1,139                | 1,133       | 1,107       | 20                | 17          | 28          | 12                | 22          | 17          | 5              | 4           | 5           | 36                      | 54          | 51          | 226                   | 219         | 197         |
| Fulton  | 1,072                | 1,000       | 898         | 33                | 30          | 25          | 21                | 15          | 24          | 9              | 11          | 9           | 64                      | 50          | 53          | 122                   | 111         | 134         |
| Genesee   | 2,069                | 2,126       | 1,860       | 36                | 32          | 21          | 16                | 23          | 13          | 24             | 14          | 14          | 72                      | 81          | 60          | 276                   | 304         | 247         |
| Greene  | 1,255                | 1,277       | 1,216       | 26                | 41          | 32          | 15                | 15          | 8           | 6              | 7           | 9           | 65                      | 56          | 54          | 236                   | 246         | 193         |
| Hamilton  | 195                  | 169         | 205         | 6                 | 8           | 11          | 1                 | 1           | 1           | 0              | 0           | 0           | 6                       | 8           | 11          | 35                    | 36          | 52          |
| Herkimer  | 1,165                | 1,177       | 1,138       | 24                | 27          | 26          | 21                | 15          | 10          | 5              | 8           | 6           | 52                      | 33          | 45          | 245                   | 217         | 249         |
| Jefferson   | 2,372                | 2,221       | 2,162       | 64                | 67          | 51          | 45                | 24          | 28          | 18             | 15          | 18          | 100                     | 101         | 94          | 447                   | 355         | 352         |
| Lewis   | 564                  | 517         | 495         | 14                | 13          | 11          | 5                 | 2           | 4           | 0              | 2           | 0           | 20                      | 20          | 15          | 115                   | 100         | 110         |
| Livingston  | 1,495                | 1,599       | 1,506       | 30                | 20          | 28          | 6                 | 11          | 10          | 5              | 11          | 6           | 50                      | 48          | 45          | 110                   | 116         | 106         |
| Madison   | 1,490                | 1,536       | 1,452       | 38                | 45          | 33          | 9                 | 16          | 13          | 12             | 11          | 8           | 65                      | 49          | 43          | 263                   | 284         | 272         |
| Monroe  | 15,288               | 15,435      | 14,626      | 212               | 198         | 245         | 340               | 339         | 323         | 261            | 242         | 261         | 464                     | 463         | 509         | 1,383                 | 1,663       | 1,545       |
| Montgomery  | 1,170                | 1,147       | 1,093       | 12                | 25          | 22          | 19                | 7           | 19          | 6              | 5           | 8           | 40                      | 62          | 54          | 198                   | 183         | 161         |
| Nassau  | 32,506               | 33,486      | 33,927      | 329               | 315         | 325         | 970               | 1,005       | 967         | 456            | 411         | 408         | 624                     | 661         | 611         | 2,245                 | 1,994       | 2,037       |
| Niagara   | 3,629                | 3,928       | 3,624       | 88                | 90          | 84          | 88                | 92          | 78          | 60             | 55          | 51          | 161                     | 184         | 148         | 296                   | 364         | 300         |
| Oneida  | 4,780                | 4,523       | 4,437       | 82                | 87          | 90          | 86                | 83          | 90          | 42             | 43          | 46          | 182                     | 157         | 151         | 770                   | 679         | 716         |
| Onondaga  | 10,097               | 10,275      | 9,953       | 143               | 173         | 157         | 196               | 227         | 237         | 143            | 132         | 112         | 319                     | 305         | 295         | 1,205                 | 1,329       | 1,220       |
| Ontario   | 2,435                | 2,580       | 2,524       | 46                | 54          | 48          | 29                | 34          | 32          | 21             | 19          | 16          | 78                      | 80          | 75          | 285                   | 373         | 307         |
| Orange  | 10,472               | 9,951       | 9,898       | 173               | 190         | 174         | 139               | 146         | 176         | 48             | 58          | 49          | 280                     | 243         | 250         | 1,081                 | 1,032       | 1,019       |
| Orleans   | 779                  | 940         | 718         | 18                | 19          | 11          | 8                 | 12          | 6           | 9              | 10          | 5           | 44                      | 52          | 23          | 106                   | 122         | 94          |
| Oswego  | 2,034                | 2,072       | 2,013       | 41                | 62          | 49          | 27                | 44          | 39          | 15             | 12          | 15          | 100                     | 90          | 90          | 266                   | 249         | 250         |
| Otsego  | 1,476                | 1,540       | 1,399       | 24                | 34          | 26          | 9                 | 8           | 11          | 7              | 8           | 4           | 66                      | 66          | 52          | 347                   | 365         | 287         |
| Putnam  | 2,483                | 2,408       | 2,338       | 42                | 45          | 55          | 20                | 20          | 16          | 8              | 7           | 7           | 83                      | 86          | 82          | 555                   | 500         | 464         |
| Rensselaer  | 2,753                | 2,846       | 2,702       | 77                | 73          | 73          | 48                | 66          | 57          | 23             | 27          | 27          | 103                     | 129         | 104         | 249                   | 329         | 246         |
| Rockland  | 6,275                | 6,410       | 6,437       | 68                | 101         | 85          | 158               | 156         | 140         | 56             | 65          | 40          | 145                     | 157         | 161         | 609                   | 573         | 611         |
| St. Lawrence  | 2,470                | 2,440       | 2,318       | 46                | 49          | 49          | 32                | 22          | 28          | 11             | 14          | 12          | 105                     | 95          | 79          | 324                   | 357         | 382         |

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**New York State**

**TABLE 10 Select Crash Series Data by County: 2009-2011**

|                        | Total Crashes  |                |                | Motorcycle   |              |              | Pedestrian    |               |               | Bicycle      |              |              | Alcohol-Related* |              |              | Speed-Related* |               |               |
|------------------------|----------------|----------------|----------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|------------------|--------------|--------------|----------------|---------------|---------------|
|                        | 2009           | 2010           | 2011           | 2009         | 2010         | 2011         | 2009          | 2010          | 2011          | 2009         | 2010         | 2011         | 2009             | 2010         | 2011         | 2009           | 2010          | 2011          |
| <b>UPSTATE (Con't)</b> |                |                |                |              |              |              |               |               |               |              |              |              |                  |              |              |                |               |               |
| Saratoga               | 4,592          | 4,594          | 4,520          | 124          | 118          | 118          | 48            | 47            | 40            | 41           | 29           | 30           | 211              | 184          | 190          | 590            | 584           | 579           |
| Schenectady            | 3,456          | 3,351          | 3,319          | 60           | 58           | 58           | 77            | 71            | 85            | 60           | 52           | 54           | 133              | 103          | 138          | 283            | 332           | 296           |
| Schoharie              | 688            | 726            | 638            | 15           | 22           | 13           | 5             | 13            | 5             | 2            | 3            | 3            | 27               | 28           | 12           | 133            | 159           | 122           |
| Schuyler               | 531            | 524            | 452            | 13           | 8            | 12           | 3             | 1             | 3             | 1            | 1            | 5            | 19               | 20           | 16           | 57             | 58            | 40            |
| Seneca                 | 773            | 828            | 812            | 12           | 12           | 13           | 9             | 13            | 11            | 1            | 5            | 3            | 23               | 24           | 26           | 102            | 139           | 114           |
| Steuben                | 2,106          | 2,003          | 2,005          | 41           | 34           | 56           | 17            | 29            | 23            | 17           | 11           | 11           | 106              | 89           | 82           | 458            | 444           | 403           |
| Suffolk                | 30,944         | 27,428         | 30,477         | 405          | 427          | 424          | 591           | 556           | 671           | 459          | 383          | 418          | 962              | 802          | 902          | 2,628          | 1,938         | 2,340         |
| Sullivan               | 1,886          | 1,902          | 1,760          | 38           | 49           | 36           | 22            | 17            | 28            | 6            | 10           | 6            | 74               | 71           | 52           | 431            | 432           | 384           |
| Tioga                  | 890            | 851            | 868            | 17           | 17           | 20           | 8             | 8             | 9             | 3            | 4            | 3            | 57               | 50           | 39           | 94             | 114           | 129           |
| Tompkins               | 2,411          | 2,488          | 2,344          | 38           | 44           | 33           | 26            | 33            | 32            | 22           | 21           | 12           | 77               | 93           | 65           | 213            | 209           | 194           |
| Ulster                 | 4,639          | 4,696          | 4,443          | 98           | 102          | 77           | 68            | 60            | 66            | 29           | 31           | 31           | 165              | 179          | 172          | 551            | 476           | 454           |
| Warren                 | 1,691          | 1,709          | 1,747          | 64           | 50           | 55           | 20            | 22            | 25            | 22           | 31           | 16           | 67               | 69           | 66           | 189            | 181           | 171           |
| Washington             | 1,110          | 1,094          | 1,032          | 40           | 32           | 33           | 15            | 12            | 10            | 8            | 14           | 7            | 57               | 55           | 55           | 157            | 167           | 143           |
| Wayne                  | 1,798          | 1,781          | 1,617          | 32           | 24           | 44           | 17            | 14            | 17            | 12           | 13           | 5            | 83               | 68           | 75           | 298            | 255           | 259           |
| Westchester            | 15,630         | 15,273         | 15,250         | 192          | 203          | 191          | 520           | 573           | 569           | 124          | 116          | 106          | 410              | 375          | 389          | 1,848          | 1,538         | 1,480         |
| Wyoming                | 1,147          | 1,076          | 1,060          | 21           | 23           | 23           | 4             | 7             | 10            | 4            | 1            | 7            | 34               | 52           | 31           | 104            | 113           | 111           |
| Yates                  | 481            | 518            | 465            | 11           | 6            | 11           | 5             | 2             | 3             | 2            | 4            | 3            | 18               | 13           | 12           | 58             | 64            | 58            |
| <b>Total Upstate</b>   | <b>237,996</b> | <b>235,609</b> | <b>233,681</b> | <b>3,847</b> | <b>4,020</b> | <b>3,916</b> | <b>4,932</b>  | <b>5,056</b>  | <b>5,126</b>  | <b>2,681</b> | <b>2,600</b> | <b>2,461</b> | <b>7,772</b>     | <b>7,439</b> | <b>7,331</b> | <b>26,026</b>  | <b>25,004</b> | <b>24,618</b> |
| <b>NEW YORK CITY</b>   |                |                |                |              |              |              |               |               |               |              |              |              |                  |              |              |                |               |               |
| Bronx                  | 12,367         | 12,599         | 10,305         | 167          | 250          | 168          | 1,766         | 1,873         | 1,458         | 291          | 349          | 253          | 174              | 195          | 147          | 516            | 487           | 464           |
| Kings                  | 23,146         | 24,079         | 21,990         | 360          | 446          | 430          | 3,593         | 3,836         | 3,597         | 1,116        | 1,478        | 1,459        | 340              | 366          | 333          | 949            | 1,057         | 1,060         |
| New York               | 12,790         | 13,502         | 14,176         | 354          | 387          | 394          | 2,628         | 2,743         | 2,990         | 891          | 1,089        | 1,181        | 174              | 187          | 203          | 412            | 459           | 594           |
| Queens                 | 22,648         | 23,306         | 21,530         | 333          | 382          | 361          | 2,420         | 2,453         | 2,347         | 590          | 697          | 654          | 329              | 333          | 340          | 762            | 957           | 1,143         |
| Richmond               | 4,588          | 4,857          | 5,059          | 75           | 66           | 62           | 308           | 361           | 402           | 45           | 54           | 66           | 72               | 85           | 105          | 182            | 183           | 248           |
| <b>Total NYC</b>       | <b>75,539</b>  | <b>78,343</b>  | <b>73,060</b>  | <b>1,289</b> | <b>1,531</b> | <b>1,415</b> | <b>10,715</b> | <b>11,266</b> | <b>10,794</b> | <b>2,933</b> | <b>3,667</b> | <b>3,613</b> | <b>1,089</b>     | <b>1,166</b> | <b>1,128</b> | <b>2,821</b>   | <b>3,143</b>  | <b>3,509</b>  |
| Unknown County         | 1,439          | 1,425          | 809            | 14           | 19           | 5            | 35            | 35            | 8             | 6            | 9            | 2            | 12               | 8            | 2            | 30             | 21            | 20            |
| <b>TOTAL STATE</b>     | <b>314,974</b> | <b>315,377</b> | <b>307,550</b> | <b>5,150</b> | <b>5,570</b> | <b>5,336</b> | <b>15,682</b> | <b>16,357</b> | <b>15,928</b> | <b>5,620</b> | <b>6,276</b> | <b>6,076</b> | <b>8,873</b>     | <b>8,613</b> | <b>8,461</b> | <b>28,877</b>  | <b>28,168</b> | <b>28,147</b> |

\* Police-reported crashes

## **SECTION 2**

### **Alcohol-Related Crash Summary Report**

**New York State Department of Motor Vehicles  
Alcohol-Related Motor Vehicle Crashes**

**New York State**

| <b>TABLE 1(P) Alcohol-Related (A-R) Crashes</b> |                  |  |                  |  |                  |  |
|---|------------------|--|------------------|--|------------------|--|
| <b>Category Totals</b>                          | <b>2009</b>      |  | <b>2010</b>      |  | <b>2011</b>      |  |
|   | <b>NYS Total</b> |  | <b>NYS Total</b> |  | <b>NYS Total</b> |  |
| <b>Total Crashes</b>                            | <b>8,873</b>     |  | <b>8,613</b>     |  | <b>8,461</b>     |  |
| Fatal Crashes                                   | 329              |  | 327              |  | 330              |  |
| Non-Fatal Personal Injury Crashes               | 4,676            |  | 4,445            |  | 4,298            |  |
| Reportable Property Damage Crashes              | 3,868            |  | 3,841            |  | 3,833            |  |
|   |                  |  |                  |  |                  |  |
| <b>Manner of Collision</b>                      |                  |  |                  |  |                  |  |
| Single Vehicle Crashes                          | 4,843            |  | 4,798            |  | 4,646            |  |
| Multiple Vehicle Crashes                        | 4,030            |  | 3,815            |  | 3,815            |  |
|   |                  |  |                  |  |                  |  |
| <b>Special A-R Crash Series</b>                 |                  |  |                  |  |                  |  |
| A-R Pedestrian/Motor Vehicle Crashes            | 432              |  | 408              |  | 460              |  |
| A-R Bicycle/Motor Vehicle Crashes               | 118              |  | 100              |  | 105              |  |
| A-R Motorcycle Crashes                          | 191              |  | 227              |  | 204              |  |
|   |                  |  |                  |  |                  |  |
| <b>Fatalities</b>                               |                  |  |                  |  |                  |  |
| <b>Persons Killed (1)</b>                       | <b>361</b>       |  | <b>354</b>       |  | <b>362</b>       |  |
| Drivers Killed                                  | 198              |  | 206              |  | 185              |  |
| <i>Drinking Drivers</i>                         | 175              |  | 191              |  | 170              |  |
| <i>Non-Drinking Drivers</i>                     | 23               |  | 15               |  | 15               |  |
| Passengers Killed                               | 64               |  | 64               |  | 73               |  |
| Pedestrians Killed                              | 91               |  | 79               |  | 91               |  |
| Bicyclists Killed                               | 8                |  | 5                |  | 13               |  |
| Other   | 0                |  | 0                |  | 0                |  |
|   |                  |  |                  |  |                  |  |
| <b>Non-Fatal Injuries</b>                       |                  |  |                  |  |                  |  |
| <b>Persons Injured (1)</b>                      | <b>6,810</b>     |  | <b>6,337</b>     |  | <b>6,121</b>     |  |
| Drivers Injured                                 | 4,321            |  | 4,031            |  | 3,874            |  |
| Passengers Injured                              | 1,959            |  | 1,815            |  | 1,726            |  |
| Pedestrians Injured                             | 369              |  | 344              |  | 382              |  |
| Bicyclists Injured                              | 107              |  | 95               |  | 91               |  |
| Other   | 54               |  | 52               |  | 48               |  |

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- \* All tables are based on information received from police reports.
- \* The Property Damage Crash reporting level is \$1,000 or more.
- \* The term "vehicle" always excludes bicycles.
- \* The term "driver" always excludes bicyclists.
- \* Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles  
Alcohol-Related Motor Vehicle Crashes**

**New York State**

| <b>TABLE 2(P) Day of Week/Time of Day: 2011</b> |               |              |            |              |              |           |
|---|---------------|--------------|------------|--------------|--------------|-----------|
|   | Total Crashes | Time of Day  |            |              |              |           |
|   |               | Mid-6am      | 6am-Noon   | Noon-6pm     | 6pm-Mid      | Unknown   |
| <b>Total</b>                                    | <b>8,461</b>  | <b>3,648</b> | <b>599</b> | <b>1,066</b> | <b>3,123</b> | <b>25</b> |
| Sunday  | 1,817         | 1,026        | 165        | 164          | 459          | 3         |
| Monday  | 767           | 260          | 63         | 133          | 307          | 4         |
| Tuesday   | 711           | 210          | 48         | 128          | 321          | 4         |
| Wednesday                                       | 818           | 250          | 53         | 147          | 366          | 2         |
| Thursday  | 930           | 311          | 53         | 133          | 429          | 4         |
| Friday  | 1,327         | 485          | 64         | 170          | 607          | 1         |
| Saturday  | 2,091         | 1,106        | 153        | 191          | 634          | 7         |

| <b>TABLE 3(P) Driver Gender and Age</b> |               |              |               |              |               |              |
|---|---------------|--------------|---------------|--------------|---------------|--------------|
|   | 2009          |              | 2010          |              | 2011          |              |
|   | #             | %            | #             | %            | #             | %            |
| <b>Total Drivers</b>                    | <b>11,991</b> | <b>100.0</b> | <b>11,532</b> | <b>100.0</b> | <b>11,357</b> | <b>100.0</b> |
| Male                                    | 8,583         | 71.6         | 8,196         | 71.1         | 8,083         | 71.2         |
| <i>Drinking Drivers</i>                 | 6,405         | 53.4         | 6,181         | 53.6         | 5,985         | 52.7         |
| <i>Non-Drinking Drivers</i>             | 2,178         | 18.2         | 1,997         | 17.3         | 2,098         | 18.5         |
| Female                                  | 3,104         | 25.9         | 3,021         | 26.2         | 2,979         | 26.2         |
| <i>Drinking Drivers</i>                 | 2,008         | 16.7         | 1,971         | 17.1         | 1,957         | 17.2         |
| <i>Non-Drinking Drivers</i>             | 1,096         | 9.1          | 1,041         | 9.0          | 1,022         | 9.0          |
| Unknown                                 | 304           | 2.5          | 315           | 2.7          | 295           | 2.6          |
| <i>Drinking Drivers</i>                 | 59            | 0.5          | 59            | 0.5          | 72            | 0.6          |
| <i>Non-Drinking Drivers</i>             | 245           | 2.0          | 253           | 2.2          | 223           | 2.0          |
| <b>Drinking Drivers</b>                 | <b>8,472</b>  | <b>100.0</b> | <b>8,211</b>  | <b>100.0</b> | <b>8,014</b>  | <b>100.0</b> |
| Under Age 16                            | 5             | <0.1         | 0             | 0.0          | 0             | 0.0          |
| Ages 16-20                              | 843           | 10.0         | 760           | 9.3          | 680           | 8.5          |
| Ages 21-29                              | 2,947         | 34.8         | 2,904         | 35.4         | 2,830         | 35.3         |
| Ages 30-39                              | 1,732         | 20.4         | 1,627         | 19.8         | 1,633         | 20.4         |
| Ages 40-49                              | 1,604         | 18.9         | 1,519         | 18.5         | 1,440         | 18.0         |
| Ages 50-59                              | 887           | 10.5         | 912           | 11.1         | 949           | 11.8         |
| Age 60 and Over                         | 385           | 4.5          | 427           | 5.2          | 405           | 5.1          |
| Unknown Age                             | 69            | 0.8          | 62            | 0.8          | 77            | 1.0          |
| <b>Non-Drinking Drivers</b>             | <b>3,519</b>  | <b>100.0</b> | <b>3,321</b>  | <b>100.0</b> | <b>3,343</b>  | <b>100.0</b> |
| Under Age 16                            | 0             | 0.0          | 0             | 0.0          | 0             | 0.0          |
| Ages 16-20                              | 313           | 8.9          | 253           | 7.6          | 232           | 6.9          |
| Ages 21-29                              | 693           | 19.7         | 702           | 21.1         | 682           | 20.4         |
| Ages 30-39                              | 685           | 19.5         | 618           | 18.6         | 649           | 19.4         |
| Ages 40-49                              | 731           | 20.8         | 667           | 20.1         | 659           | 19.7         |
| Ages 50-59                              | 536           | 15.2         | 464           | 14.0         | 528           | 15.8         |
| Age 60 and Over                         | 297           | 8.4          | 350           | 10.5         | 364           | 10.9         |
| Unknown Age                             | 264           | 7.5          | 267           | 8.0          | 229           | 6.9          |



**New York State Department of Motor Vehicles**  
**Alcohol-Related Motor Vehicle Crashes**  
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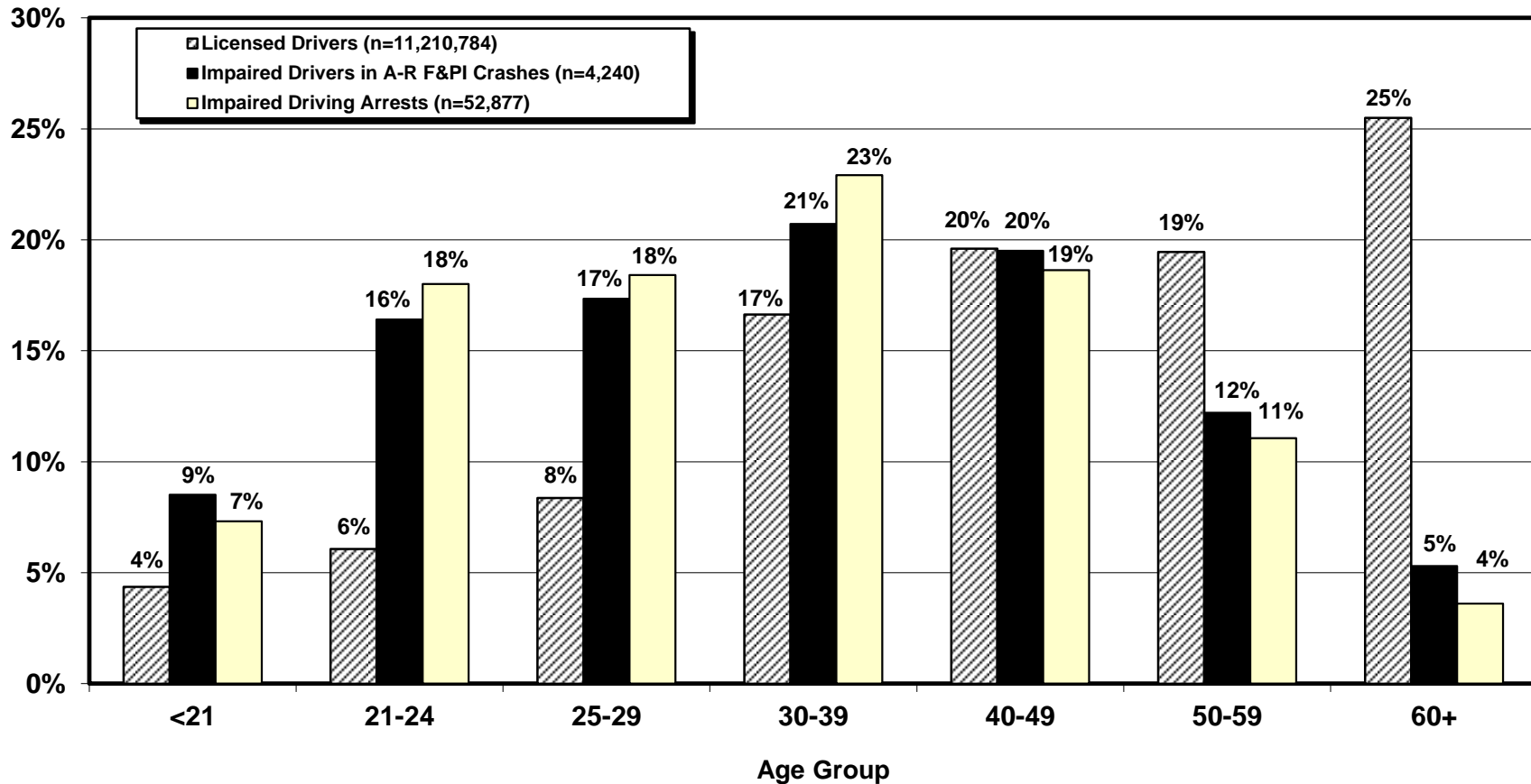
|                               | 2009         |      | 2010         |      | 2011         |      |
|-------------------------------|--------------|------|--------------|------|--------------|------|
|                               | #            | %    | #            | %    | #            | %    |
| <b>Total Crashes</b>          | <b>8,873</b> |      | <b>8,613</b> |      | <b>8,461</b> |      |
| Driver Inattention/Distracted | 645          | 7.3  | 627          | 7.3  | 648          | 7.7  |
| Failure to Keep Right         | 629          | 7.1  | 600          | 7.0  | 560          | 6.6  |
| Failure to Yield R.O.W.       | 412          | 4.6  | 357          | 4.1  | 362          | 4.3  |
| Fell Asleep                   | 184          | 2.1  | 190          | 2.2  | 210          | 2.5  |
| Following Too Closely         | 465          | 5.2  | 467          | 5.4  | 460          | 5.4  |
| Passing/Lane Violations       | 886          | 10.0 | 923          | 10.7 | 1,018        | 12.0 |
| Traffic Control Disregarded   | 318          | 3.6  | 331          | 3.8  | 329          | 3.9  |
| Unsafe Speed                  | 2,076        | 23.4 | 1,969        | 22.9 | 1,825        | 21.6 |

Note: Many crashes have multiple factors reported.

| Age Group        | 2010         |              |               | 2011         |              |               |
|------------------|--------------|--------------|---------------|--------------|--------------|---------------|
|                  | Total #      | %            | # of Ped/Bike | Total #      | %            | # of Ped/Bike |
| <b>Total</b>     | <b>6,691</b> | <b>100.0</b> | <b>523</b>    | <b>6,483</b> | <b>100.0</b> | <b>577</b>    |
| Under Age 4      | 38           | 0.6          | 2             | 34           | 0.5          | 1             |
| Ages 4-6         | 50           | 0.7          | 0             | 43           | 0.7          | 2             |
| Ages 7-15        | 162          | 2.4          | 17            | 132          | 2.0          | 13            |
| Ages 16-17       | 175          | 2.6          | 11            | 122          | 1.9          | 7             |
| Ages 18-20       | 646          | 9.7          | 30            | 592          | 9.1          | 33            |
| Ages 21-29       | 2,154        | 32.2         | 153           | 2,024        | 31.2         | 162           |
| Ages 30-39       | 1,131        | 16.9         | 77            | 1,197        | 18.5         | 91            |
| Ages 40-49       | 1,106        | 16.5         | 94            | 1,093        | 16.9         | 108           |
| Ages 50-59       | 679          | 10.1         | 56            | 720          | 11.1         | 94            |
| Ages 60-69       | 319          | 4.8          | 27            | 289          | 4.5          | 34            |
| Ages 70 and Over | 99           | 1.5          | 13            | 104          | 1.6          | 8             |
| Unknown Age      | 132          | 2.0          | 43            | 133          | 2.1          | 24            |

|                                | 2009                |              | 2010                |              | 2011                |              |
|--------------------------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|                                | # Killed or Injured | %            | # Killed or Injured | %            | # Killed or Injured | %            |
| <b>Motor Vehicle Occupants</b> | <b>6,350</b>        | <b>100.0</b> | <b>5,885</b>        | <b>100.0</b> | <b>5,650</b>        | <b>100.0</b> |
| No Restraint Used              | 1,094               | 17.2         | 1,069               | 18.2         | 995                 | 17.6         |
| Restraint Used                 | 4,731               | 74.5         | 4,309               | 73.2         | 4,155               | 73.5         |
| Unknown                        | 525                 | 8.3          | 507                 | 8.6          | 500                 | 8.8          |
| <b>Motorcyclists</b>           | <b>192</b>          | <b>100.0</b> | <b>231</b>          | <b>100.0</b> | <b>208</b>          | <b>100.0</b> |
| No Helmet Used                 | 33                  | 17.2         | 34                  | 14.7         | 28                  | 13.5         |
| Helmet Used                    | 152                 | 79.2         | 185                 | 80.1         | 168                 | 80.8         |
| Unknown                        | 7                   | 3.6          | 12                  | 5.2          | 12                  | 5.8          |
| <b>Bicyclists</b>              | <b>115</b>          | <b>100.0</b> | <b>100</b>          | <b>100.0</b> | <b>104</b>          | <b>100.0</b> |
| No Helmet Used                 | 68                  | 59.1         | 50                  | 50.0         | 51                  | 49.0         |
| Helmet Used                    | 7                   | 6.1          | 7                   | 7.0          | 8                   | 7.7          |
| Unknown                        | 40                  | 34.8         | 43                  | 43.0         | 45                  | 43.3         |

**FIGURE 1**  
**New York State 2011**  
**Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group**



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury crashes. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

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| <b>TABLE 7(P) Alcohol-Related Crash Data by County: 2011</b> |                       |          |                              |          |                            |          |                            |          |                             |          |                           |      |
|--|-----------------------|----------|------------------------------|----------|----------------------------|----------|----------------------------|----------|-----------------------------|----------|---------------------------|------|
| <b>Total A-R<br/>Police-Reported<br/>Crashes</b>             |                       |          | <b>Severity of A-R Crash</b> |          |                            |          |                            |          | <b>Persons</b>              |          |                           |      |
|  |                       |          | <b>Fatal</b>                 |          | <b>Personal<br/>Injury</b> |          | <b>Property<br/>Damage</b> |          | <b>Total<br/>Fatalities</b> |          | <b>Total<br/>Injuries</b> |      |
| <b>#</b>   | <b>% of<br/>State</b> | <b>#</b> | <b>% of<br/>State</b>        | <b>#</b> | <b>% of<br/>State</b>      | <b>#</b> | <b>% of<br/>State</b>      | <b>#</b> | <b>% of<br/>State</b>       | <b>#</b> | <b>% of<br/>State</b>     |      |
| <b>Upstate</b>   |                       |          |                              |          |                            |          |                            |          |                             |          |                           |      |
| Albany   | 228                   | 2.7      | 6                            | 1.8      | 87                         | 2.0      | 135                        | 3.5      | 6                           | 1.7      | 112                       | 1.8  |
| Allegany   | 55                    | 0.7      | 0                            | 0.0      | 24                         | 0.6      | 31                         | 0.8      | 0                           | 0.0      | 27                        | 0.4  |
| Broome   | 152                   | 1.8      | 4                            | 1.2      | 66                         | 1.5      | 82                         | 2.1      | 6                           | 1.7      | 81                        | 1.3  |
| Cattaraugus  | 84                    | 1.0      | 4                            | 1.2      | 31                         | 0.7      | 49                         | 1.3      | 4                           | 1.1      | 45                        | 0.7  |
| Cayuga   | 67                    | 0.8      | 1                            | 0.3      | 28                         | 0.7      | 38                         | 1.0      | 1                           | 0.3      | 36                        | 0.6  |
| Chautauqua   | 110                   | 1.3      | 6                            | 1.8      | 48                         | 1.1      | 56                         | 1.5      | 6                           | 1.7      | 58                        | 0.9  |
| Chemung  | 62                    | 0.7      | 3                            | 0.9      | 19                         | 0.4      | 40                         | 1.0      | 3                           | 0.8      | 23                        | 0.4  |
| Chenango   | 44                    | 0.5      | 0                            | 0.0      | 26                         | 0.6      | 18                         | 0.5      | 0                           | 0.0      | 33                        | 0.5  |
| Clinton  | 55                    | 0.7      | 0                            | 0.0      | 22                         | 0.5      | 33                         | 0.9      | 0                           | 0.0      | 24                        | 0.4  |
| Columbia   | 49                    | 0.6      | 1                            | 0.3      | 25                         | 0.6      | 23                         | 0.6      | 1                           | 0.3      | 26                        | 0.4  |
| Cortland   | 42                    | 0.5      | 1                            | 0.3      | 16                         | 0.4      | 25                         | 0.7      | 1                           | 0.3      | 21                        | 0.3  |
| Delaware   | 43                    | 0.5      | 2                            | 0.6      | 14                         | 0.3      | 27                         | 0.7      | 3                           | 0.8      | 16                        | 0.3  |
| Dutchess   | 213                   | 2.5      | 8                            | 2.4      | 111                        | 2.6      | 94                         | 2.5      | 9                           | 2.5      | 153                       | 2.5  |
| Erie   | 604                   | 7.1      | 24                           | 7.3      | 276                        | 6.4      | 304                        | 7.9      | 27                          | 7.5      | 408                       | 6.7  |
| Essex  | 46                    | 0.5      | 1                            | 0.3      | 24                         | 0.6      | 21                         | 0.5      | 2                           | 0.6      | 26                        | 0.4  |
| Franklin   | 51                    | 0.6      | 0                            | 0.0      | 28                         | 0.7      | 23                         | 0.6      | 0                           | 0.0      | 38                        | 0.6  |
| Fulton   | 53                    | 0.6      | 2                            | 0.6      | 34                         | 0.8      | 17                         | 0.4      | 2                           | 0.6      | 40                        | 0.7  |
| Genesee  | 60                    | 0.7      | 1                            | 0.3      | 23                         | 0.5      | 36                         | 0.9      | 1                           | 0.3      | 31                        | 0.5  |
| Greene   | 54                    | 0.6      | 1                            | 0.3      | 20                         | 0.5      | 33                         | 0.9      | 1                           | 0.3      | 33                        | 0.5  |
| Hamilton   | 11                    | 0.1      | 1                            | 0.3      | 6                          | 0.1      | 4                          | 0.1      | 1                           | 0.3      | 8                         | 0.1  |
| Herkimer   | 45                    | 0.5      | 1                            | 0.3      | 23                         | 0.5      | 21                         | 0.5      | 1                           | 0.3      | 24                        | 0.4  |
| Jefferson  | 94                    | 1.1      | 6                            | 1.8      | 37                         | 0.9      | 51                         | 1.3      | 6                           | 1.7      | 54                        | 0.9  |
| Lewis  | 15                    | 0.2      | 2                            | 0.6      | 7                          | 0.2      | 6                          | 0.2      | 2                           | 0.6      | 9                         | 0.1  |
| Livingston   | 45                    | 0.5      | 2                            | 0.6      | 23                         | 0.5      | 20                         | 0.5      | 3                           | 0.8      | 32                        | 0.5  |
| Madison  | 43                    | 0.5      | 0                            | 0.0      | 21                         | 0.5      | 22                         | 0.6      | 0                           | 0.0      | 26                        | 0.4  |
| Monroe   | 509                   | 6.0      | 16                           | 4.8      | 249                        | 5.8      | 244                        | 6.4      | 17                          | 4.7      | 361                       | 5.9  |
| Montgomery   | 54                    | 0.6      | 0                            | 0.0      | 26                         | 0.6      | 28                         | 0.7      | 0                           | 0.0      | 32                        | 0.5  |
| Nassau   | 611                   | 7.2      | 35                           | 10.6     | 311                        | 7.2      | 265                        | 6.9      | 38                          | 10.5     | 470                       | 7.7  |
| Niagara  | 148                   | 1.7      | 4                            | 1.2      | 81                         | 1.9      | 63                         | 1.6      | 4                           | 1.1      | 103                       | 1.7  |
| Oneida   | 151                   | 1.8      | 6                            | 1.8      | 69                         | 1.6      | 76                         | 2.0      | 6                           | 1.7      | 93                        | 1.5  |
| Onondaga   | 295                   | 3.5      | 9                            | 2.7      | 134                        | 3.1      | 152                        | 4.0      | 9                           | 2.5      | 165                       | 2.7  |
| Ontario  | 75                    | 0.9      | 1                            | 0.3      | 43                         | 1.0      | 31                         | 0.8      | 1                           | 0.3      | 52                        | 0.8  |
| Orange   | 250                   | 3.0      | 10                           | 3.0      | 115                        | 2.7      | 125                        | 3.3      | 11                          | 3.0      | 157                       | 2.6  |
| Orleans  | 23                    | 0.3      | 1                            | 0.3      | 9                          | 0.2      | 13                         | 0.3      | 1                           | 0.3      | 12                        | 0.2  |
| Oswego   | 90                    | 1.1      | 2                            | 0.6      | 38                         | 0.9      | 50                         | 1.3      | 3                           | 0.8      | 49                        | 0.8  |
| Otsego   | 52                    | 0.6      | 1                            | 0.3      | 29                         | 0.7      | 22                         | 0.6      | 1                           | 0.3      | 36                        | 0.6  |
| Putnam   | 82                    | 1.0      | 3                            | 0.9      | 32                         | 0.7      | 47                         | 1.2      | 4                           | 1.1      | 40                        | 0.7  |
| Rensselaer   | 104                   | 1.2      | 2                            | 0.6      | 55                         | 1.3      | 47                         | 1.2      | 3                           | 0.8      | 70                        | 1.1  |
| Rockland   | 161                   | 1.9      | 1                            | 0.3      | 85                         | 2.0      | 75                         | 2.0      | 1                           | 0.3      | 145                       | 2.4  |
| St. Lawrence   | 79                    | 0.9      | 4                            | 1.2      | 30                         | 0.7      | 45                         | 1.2      | 4                           | 1.1      | 45                        | 0.7  |
| Saratoga   | 190                   | 2.2      | 3                            | 0.9      | 90                         | 2.1      | 97                         | 2.5      | 3                           | 0.8      | 111                       | 1.8  |
| Schenectady  | 138                   | 1.6      | 1                            | 0.3      | 52                         | 1.2      | 85                         | 2.2      | 1                           | 0.3      | 59                        | 1.0  |
| Schoharie  | 12                    | 0.1      | 0                            | 0.0      | 7                          | 0.2      | 5                          | 0.1      | 0                           | 0.0      | 8                         | 0.1  |
| Schuyler   | 16                    | 0.2      | 0                            | 0.0      | 5                          | 0.1      | 11                         | 0.3      | 0                           | 0.0      | 5                         | 0.1  |
| Seneca   | 26                    | 0.3      | 3                            | 0.9      | 10                         | 0.2      | 13                         | 0.3      | 3                           | 0.8      | 11                        | 0.2  |
| Steuben  | 82                    | 1.0      | 3                            | 0.9      | 38                         | 0.9      | 41                         | 1.1      | 3                           | 0.8      | 48                        | 0.8  |
| Suffolk  | 902                   | 10.7     | 58                           | 17.6     | 449                        | 10.4     | 395                        | 10.3     | 61                          | 16.9     | 676                       | 11.0 |
| Sullivan   | 52                    | 0.6      | 3                            | 0.9      | 17                         | 0.4      | 32                         | 0.8      | 3                           | 0.8      | 23                        | 0.4  |
| Tioga  | 39                    | 0.5      | 4                            | 1.2      | 17                         | 0.4      | 18                         | 0.5      | 5                           | 1.4      | 22                        | 0.4  |
| Tompkins   | 65                    | 0.8      | 2                            | 0.6      | 27                         | 0.6      | 36                         | 0.9      | 3                           | 0.8      | 31                        | 0.5  |

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**NEW YORK STATE**

**TABLE 7(P) Alcohol-Related Crash Data by County: 2011**

| Total A-R<br>Police-Reported<br>Crashes |               | Severity of A-R Crash |               |                    |               |                    |               | Persons             |               |                   |               |              |
|---|---------------|-----------------------|---------------|--------------------|---------------|--------------------|---------------|---------------------|---------------|-------------------|---------------|--------------|
|   |               | Fatal                 |               | Personal<br>Injury |               | Property<br>Damage |               | Total<br>Fatalities |               | Total<br>Injuries |               |              |
| #                                       | % of<br>State | #                     | % of<br>State | #                  | % of<br>State | #                  | % of<br>State | #                   | % of<br>State | #                 | % of<br>State |              |
| <b>Upstate (Cont'd)</b>                 |               |                       |               |                    |               |                    |               |                     |               |                   |               |              |
| Ulster                                  | 172           | 2.0                   | 3             | 0.9                | 85            | 2.0                | 84            | 2.2                 | 3             | 0.8               | 117           | 1.9          |
| Warren                                  | 66            | 0.8                   | 1             | 0.3                | 31            | 0.7                | 34            | 0.9                 | 1             | 0.3               | 47            | 0.8          |
| Washington                              | 55            | 0.7                   | 3             | 0.9                | 29            | 0.7                | 23            | 0.6                 | 3             | 0.8               | 36            | 0.6          |
| Wayne                                   | 75            | 0.9                   | 0             | 0.0                | 36            | 0.8                | 39            | 1.0                 | 0             | 0.0               | 48            | 0.8          |
| Westchester                             | 389           | 4.6                   | 11            | 3.3                | 189           | 4.4                | 189           | 4.9                 | 14            | 3.9               | 280           | 4.6          |
| Wyoming                                 | 31            | 0.4                   | 0             | 0.0                | 21            | 0.5                | 10            | 0.3                 | 0             | 0.0               | 35            | 0.6          |
| Yates                                   | 12            | 0.1                   | 1             | 0.3                | 7             | 0.2                | 4             | 0.1                 | 6             | 1.7               | 15            | 0.2          |
| <b>Total Upstate</b>                    | <b>7,331</b>  | <b>86.6</b>           | <b>268</b>    | <b>81.2</b>        | <b>3,455</b>  | <b>80.4</b>        | <b>3,608</b>  | <b>94.1</b>         | <b>298</b>    | <b>82.3</b>       | <b>4,786</b>  | <b>78.2</b>  |
| <b>New York City</b>                    |               |                       |               |                    |               |                    |               |                     |               |                   |               |              |
| Bronx                                   | 147           | 1.7                   | 13            | 3.9                | 112           | 2.6                | 22            | 0.6                 | 14            | 3.9               | 195           | 3.2          |
| Kings                                   | 333           | 3.9                   | 20            | 6.1                | 258           | 6.0                | 55            | 1.4                 | 21            | 5.8               | 395           | 6.5          |
| New York                                | 203           | 2.4                   | 9             | 2.7                | 149           | 3.5                | 45            | 1.2                 | 9             | 2.5               | 214           | 3.5          |
| Queens                                  | 340           | 4.0                   | 16            | 4.8                | 245           | 5.7                | 79            | 2.1                 | 16            | 4.4               | 409           | 6.7          |
| Richmond                                | 105           | 1.2                   | 4             | 1.2                | 78            | 1.8                | 23            | 0.6                 | 4             | 1.1               | 120           | 2.0          |
| <b>Total New York City</b>              | <b>1,128</b>  | <b>13.3</b>           | <b>62</b>     | <b>18.8</b>        | <b>842</b>    | <b>19.6</b>        | <b>224</b>    | <b>5.8</b>          | <b>64</b>     | <b>17.7</b>       | <b>1,333</b>  | <b>21.8</b>  |
| Unknown County                          | 2             | <0.1                  | 0             | 0.0                | 1             | <0.1               | 1             | <0.1                | 0             | 0.0               | 2             | <0.1         |
| <b>TOTAL STATE</b>                      | <b>8,461</b>  | <b>100.0</b>          | <b>330</b>    | <b>100.0</b>       | <b>4,298</b>  | <b>100.0</b>       | <b>3,833</b>  | <b>100.0</b>        | <b>362</b>    | <b>100.0</b>      | <b>6,121</b>  | <b>100.0</b> |

## **SECTION 3**

### **Speed-Related Crash Summary Report**

**New York State Department of Motor Vehicles  
Speed-Related Motor Vehicle Crashes**

**New York State**

| <b>TABLE 1(P) Speed-Related (S-R) Crashes</b> |                  |  |                  |  |                  |  |
|---|------------------|--|------------------|--|------------------|--|
| <b>Category Totals</b>                        | <b>2009</b>      |  | <b>2010</b>      |  | <b>2011</b>      |  |
|   | <b>NYS Total</b> |  | <b>NYS Total</b> |  | <b>NYS Total</b> |  |
| <b>Total Crashes</b>                          | <b>28,877</b>    |  | <b>28,168</b>    |  | <b>28,147</b>    |  |
| Fatal Crashes                                 | 314              |  | 289              |  | 284              |  |
| Non-Fatal Personal Injury Crashes             | 13,202           |  | 12,846           |  | 12,838           |  |
| Reportable Property Damage Crashes            | 15,361           |  | 15,033           |  | 15,025           |  |
|   |                  |  |                  |  |                  |  |
| <b>Manner of Collision</b>                    |                  |  |                  |  |                  |  |
| Single Vehicle Crashes                        | 17,351           |  | 16,991           |  | 16,379           |  |
| Multiple Vehicle Crashes                      | 11,526           |  | 11,177           |  | 11,768           |  |
|   |                  |  |                  |  |                  |  |
| <b>Special S-R Crash Series</b>               |                  |  |                  |  |                  |  |
| S-R Pedestrian/Motor Vehicle Crashes          | 382              |  | 411              |  | 488              |  |
| S-R Bicycle/Motor Vehicle Crashes             | 121              |  | 130              |  | 133              |  |
| S-R Motorcycle Crashes                        | 755              |  | 846              |  | 808              |  |
|   |                  |  |                  |  |                  |  |
| <b>Fatalities</b>                             |                  |  |                  |  |                  |  |
| <b>Persons Killed (1)</b>                     | <b>357</b>       |  | <b>319</b>       |  | <b>319</b>       |  |
| Drivers Killed                                | 237              |  | 231              |  | 211              |  |
| <i>Speeding Drivers</i>                       | 211              |  | 220              |  | 195              |  |
| <i>Non-Speeding Drivers</i>                   | 26               |  | 11               |  | 16               |  |
| Passengers Killed                             | 87               |  | 70               |  | 91               |  |
| Pedestrians Killed                            | 31               |  | 16               |  | 17               |  |
| Bicyclists Killed                             | 2                |  | 2                |  | 0                |  |
| Other   | 0                |  | 0                |  | 0                |  |
|   |                  |  |                  |  |                  |  |
| <b>Non-Fatal Injuries</b>                     |                  |  |                  |  |                  |  |
| <b>Persons Injured (1)</b>                    | <b>19,326</b>    |  | <b>18,910</b>    |  | <b>18,843</b>    |  |
| Drivers Injured                               | 12,890           |  | 12,556           |  | 12,382           |  |
| Passengers Injured                            | 5,853            |  | 5,723            |  | 5,730            |  |
| Pedestrians Injured                           | 386              |  | 422              |  | 514              |  |
| Bicyclists Injured                            | 121              |  | 128              |  | 130              |  |
| Other   | 76               |  | 81               |  | 87               |  |

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

General Notes

- \* All tables are based on information received from police reports.
- \* The Property Damage Crash reporting level is \$1,000 or more.
- \* The term "vehicle" always excludes bicycles.
- \* The term "driver" always excludes bicyclists.
- \* Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles  
Speed-Related Motor Vehicle Crashes**

**New York State**

|              | Total Crashes | Time of Day  |              |              |              |           |
|--------------|---------------|--------------|--------------|--------------|--------------|-----------|
|              |               | Mid-6am      | 6am-Noon     | Noon-6pm     | 6pm-Mid      | Unknown   |
| <b>Total</b> | <b>28,147</b> | <b>4,495</b> | <b>7,955</b> | <b>8,986</b> | <b>6,668</b> | <b>43</b> |
| Sunday       | 3,862         | 1,032        | 921          | 1,031        | 871          | 7         |
| Monday       | 3,237         | 437          | 1,081        | 961          | 752          | 6         |
| Tuesday      | 3,776         | 390          | 1,207        | 1,269        | 906          | 4         |
| Wednesday    | 4,452         | 441          | 1,363        | 1,602        | 1,040        | 6         |
| Thursday     | 3,315         | 488          | 946          | 1,012        | 862          | 7         |
| Friday       | 4,765         | 660          | 1,375        | 1,570        | 1,156        | 4         |
| Saturday     | 4,740         | 1,047        | 1,062        | 1,541        | 1,081        | 9         |

|                             | 2009          |              | 2010          |              | 2011          |              |
|-----------------------------|---------------|--------------|---------------|--------------|---------------|--------------|
|                             | #             | %            | #             | %            | #             | %            |
| <b>Total Drivers</b>        | <b>40,730</b> | <b>100.0</b> | <b>39,730</b> | <b>100.0</b> | <b>40,225</b> | <b>100.0</b> |
| Male                        | 25,709        | 63.1         | 25,004        | 62.9         | 25,391        | 63.1         |
| <i>Speeding Drivers</i>     | 18,531        | 45.5         | 17,961        | 45.2         | 18,028        | 44.8         |
| <i>Non-Speeding Drivers</i> | 7,178         | 17.6         | 7,043         | 17.7         | 7,363         | 18.3         |
| Female                      | 13,920        | 34.2         | 13,582        | 34.2         | 13,542        | 33.7         |
| <i>Speeding Drivers</i>     | 9,338         | 22.9         | 9,182         | 23.1         | 8,904         | 22.1         |
| <i>Non-Speeding Drivers</i> | 4,582         | 11.2         | 4,400         | 11.1         | 4,638         | 11.5         |
| Unknown                     | 1,101         | 2.7          | 1,144         | 2.9          | 1,292         | 3.2          |
| <i>Speeding Drivers</i>     | 764           | 1.9          | 804           | 2.0          | 937           | 2.3          |
| <i>Non-Speeding Drivers</i> | 337           | 0.8          | 340           | 0.9          | 355           | 0.9          |
| <b>Speeding Drivers</b>     | <b>28,633</b> | <b>100.0</b> | <b>27,947</b> | <b>100.0</b> | <b>27,869</b> | <b>100.0</b> |
| Under Age 16                | 22            | 0.1          | 9             | <0.1         | 5             | <0.1         |
| Ages 16-20                  | 6,516         | 22.8         | 6,126         | 21.9         | 5,482         | 19.7         |
| Ages 21-29                  | 8,599         | 30.0         | 8,422         | 30.1         | 8,631         | 31.0         |
| Ages 30-39                  | 4,474         | 15.6         | 4,389         | 15.7         | 4,495         | 16.1         |
| Ages 40-49                  | 3,926         | 13.7         | 3,713         | 13.3         | 3,756         | 13.5         |
| Ages 50-59                  | 2,511         | 8.8          | 2,622         | 9.4          | 2,647         | 9.5          |
| Age 60 and Over             | 1,800         | 6.3          | 1,837         | 6.6          | 1,897         | 6.8          |
| Unknown Age                 | 785           | 2.7          | 829           | 3.0          | 956           | 3.4          |
| <b>Non-Speeding Drivers</b> | <b>12,097</b> | <b>100.0</b> | <b>11,783</b> | <b>100.0</b> | <b>12,356</b> | <b>100.0</b> |
| Under Age 16                | 0             | 0.0          | 2             | <0.1         | 1             | <0.1         |
| Ages 16-20                  | 810           | 6.7          | 714           | 6.1          | 794           | 6.4          |
| Ages 21-29                  | 2,184         | 18.1         | 2,097         | 17.8         | 2,172         | 17.6         |
| Ages 30-39                  | 2,260         | 18.7         | 2,257         | 19.2         | 2,364         | 19.1         |
| Ages 40-49                  | 2,737         | 22.6         | 2,653         | 22.5         | 2,803         | 22.7         |
| Ages 50-59                  | 2,165         | 17.9         | 2,135         | 18.1         | 2,263         | 18.3         |
| Age 60 and Over             | 1,566         | 12.9         | 1,556         | 13.2         | 1,581         | 12.8         |
| Unknown Age                 | 375           | 3.1          | 369           | 3.1          | 378           | 3.1          |

**New York State Department of Motor Vehicles**  
**Speed-Related Motor Vehicle Crashes**  
**New York State**

|                               | 2009          |     | 2010          |     | 2011          |     |
|-------------------------------|---------------|-----|---------------|-----|---------------|-----|
|                               | #             | %   | #             | %   | #             | %   |
| <b>Total Crashes</b>          | <b>28,877</b> |     | <b>28,168</b> |     | <b>28,147</b> |     |
| Alcohol Involvement           | 2,219         | 7.7 | 2,114         | 7.5 | 1,985         | 7.1 |
| Driver Inattention/Distracted | 1,610         | 5.6 | 1,661         | 5.9 | 1,756         | 6.2 |
| Driver Inexperience           | 878           | 3.0 | 773           | 2.7 | 749           | 2.7 |
| Failure to Keep Right         | 923           | 3.2 | 901           | 3.2 | 877           | 3.1 |
| Failure to Yield R.O.W.       | 937           | 3.2 | 919           | 3.3 | 976           | 3.5 |
| Following Too Closely         | 2,343         | 8.1 | 2,397         | 8.5 | 2,586         | 9.2 |
| Passing/Lane Violations       | 1,705         | 5.9 | 1,836         | 6.5 | 1,807         | 6.4 |
| Traffic Control Disregarded   | 693           | 2.4 | 733           | 2.6 | 720           | 2.6 |

Note: Many crashes have multiple factors reported.

| Age Group        | 2010          |              |               | 2011          |              |               |
|------------------|---------------|--------------|---------------|---------------|--------------|---------------|
|                  | Total #       | %            | # of Ped/Bike | Total #       | %            | # of Ped/Bike |
| <b>Total</b>     | <b>19,229</b> | <b>100.0</b> | <b>568</b>    | <b>19,162</b> | <b>100.0</b> | <b>661</b>    |
| Under Age 4      | 170           | 0.9          | 4             | 170           | 0.9          | 6             |
| Ages 4-6         | 174           | 0.9          | 11            | 190           | 1.0          | 10            |
| Ages 7-15        | 718           | 3.7          | 67            | 730           | 3.8          | 69            |
| Ages 16-17       | 1,149         | 6.0          | 34            | 993           | 5.2          | 33            |
| Ages 18-20       | 2,586         | 13.4         | 43            | 2,340         | 12.2         | 51            |
| Ages 21-29       | 4,948         | 25.7         | 120           | 5,078         | 26.5         | 140           |
| Ages 30-39       | 2,983         | 15.5         | 78            | 3,021         | 15.8         | 102           |
| Ages 40-49       | 2,621         | 13.6         | 71            | 2,719         | 14.2         | 88            |
| Ages 50-59       | 1,978         | 10.3         | 51            | 1,981         | 10.3         | 65            |
| Ages 60-69       | 996           | 5.2          | 34            | 1,011         | 5.3          | 26            |
| Ages 70 and Over | 571           | 3.0          | 14            | 575           | 3.0          | 29            |
| Unknown Age      | 335           | 1.7          | 41            | 354           | 1.8          | 42            |

|                                | 2009                |              | 2010                |              | 2011                |              |
|--------------------------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|
|                                | # Killed or Injured | %            | # Killed or Injured | %            | # Killed or Injured | %            |
| <b>Motor Vehicle Occupants</b> | <b>18,317</b>       | <b>100.0</b> | <b>17,726</b>       | <b>100.0</b> | <b>17,607</b>       | <b>100.0</b> |
| No Restraint Used              | 1,888               | 10.3         | 1,805               | 10.2         | 1,858               | 10.6         |
| Restraint Used                 | 15,546              | 84.9         | 15,133              | 85.4         | 14,784              | 84.0         |
| Unknown                        | 883                 | 4.8          | 788                 | 4.4          | 965                 | 5.5          |
| <b>Motorcyclists</b>           | <b>750</b>          | <b>100.0</b> | <b>854</b>          | <b>100.0</b> | <b>807</b>          | <b>100.0</b> |
| No Helmet Used                 | 89                  | 11.9         | 91                  | 10.7         | 76                  | 9.4          |
| Helmet Used                    | 616                 | 82.1         | 714                 | 83.6         | 681                 | 84.4         |
| Unknown                        | 45                  | 6.0          | 49                  | 5.7          | 50                  | 6.2          |
| <b>Bicyclists</b>              | <b>123</b>          | <b>100.0</b> | <b>130</b>          | <b>100.0</b> | <b>130</b>          | <b>100.0</b> |
| No Helmet Used                 | 61                  | 49.6         | 46                  | 35.4         | 56                  | 43.1         |
| Helmet Used                    | 12                  | 9.8          | 29                  | 22.3         | 21                  | 16.2         |
| Unknown                        | 50                  | 40.7         | 55                  | 42.3         | 53                  | 40.8         |



**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**NEW YORK STATE**

**TABLE 7(P) Speed-Related Crash Data by County: 2011**

|                | Total S-R               |            | Severity of S-R Crash |            |                 |            |                 |            | Persons          |            |                |            |
|----------------|-------------------------|------------|-----------------------|------------|-----------------|------------|-----------------|------------|------------------|------------|----------------|------------|
|                | Police-Reported Crashes |            | Fatal                 |            | Personal Injury |            | Property Damage |            | Total Fatalities |            | Total Injuries |            |
|                | #                       | % of State | #                     | % of State | #               | % of State | #               | % of State | #                | % of State | #              | % of State |
| <b>Upstate</b> |                         |            |                       |            |                 |            |                 |            |                  |            |                |            |
| Albany         | 761                     | 2.7        | 6                     | 2.1        | 260             | 2.0        | 495             | 3.3        | 6                | 1.9        | 338            | 1.8        |
| Allegany       | 173                     | 0.6        | 1                     | 0.4        | 69              | 0.5        | 103             | 0.7        | 1                | 0.3        | 86             | 0.5        |
| Broome         | 420                     | 1.5        | 3                     | 1.1        | 131             | 1.0        | 286             | 1.9        | 3                | 0.9        | 189            | 1.0        |
| Cattaraugus    | 214                     | 0.8        | 7                     | 2.5        | 92              | 0.7        | 115             | 0.8        | 7                | 2.2        | 130            | 0.7        |
| Cayuga         | 184                     | 0.7        | 1                     | 0.4        | 73              | 0.6        | 110             | 0.7        | 1                | 0.3        | 101            | 0.5        |
| Chautauqua     | 270                     | 1.0        | 1                     | 0.4        | 113             | 0.9        | 156             | 1.0        | 1                | 0.3        | 162            | 0.9        |
| Chemung        | 218                     | 0.8        | 1                     | 0.4        | 67              | 0.5        | 150             | 1.0        | 1                | 0.3        | 86             | 0.5        |
| Chenango       | 223                     | 0.8        | 0                     | 0.0        | 97              | 0.8        | 126             | 0.8        | 0                | 0.0        | 116            | 0.6        |
| Clinton        | 321                     | 1.1        | 0                     | 0.0        | 112             | 0.9        | 209             | 1.4        | 0                | 0.0        | 155            | 0.8        |
| Columbia       | 166                     | 0.6        | 2                     | 0.7        | 75              | 0.6        | 89              | 0.6        | 2                | 0.6        | 93             | 0.5        |
| Cortland       | 218                     | 0.8        | 0                     | 0.0        | 72              | 0.6        | 146             | 1.0        | 0                | 0.0        | 96             | 0.5        |
| Delaware       | 274                     | 1.0        | 1                     | 0.4        | 93              | 0.7        | 180             | 1.2        | 2                | 0.6        | 110            | 0.6        |
| Dutchess       | 773                     | 2.7        | 9                     | 3.2        | 311             | 2.4        | 453             | 3.0        | 10               | 3.1        | 412            | 2.2        |
| Erie           | 1,315                   | 4.7        | 12                    | 4.2        | 618             | 4.8        | 685             | 4.6        | 14               | 4.4        | 888            | 4.7        |
| Essex          | 260                     | 0.9        | 1                     | 0.4        | 69              | 0.5        | 190             | 1.3        | 2                | 0.6        | 96             | 0.5        |
| Franklin       | 197                     | 0.7        | 1                     | 0.4        | 75              | 0.6        | 121             | 0.8        | 1                | 0.3        | 102            | 0.5        |
| Fulton         | 134                     | 0.5        | 2                     | 0.7        | 65              | 0.5        | 67              | 0.4        | 2                | 0.6        | 83             | 0.4        |
| Genesee        | 247                     | 0.9        | 4                     | 1.4        | 84              | 0.7        | 159             | 1.1        | 4                | 1.3        | 114            | 0.6        |
| Greene         | 193                     | 0.7        | 1                     | 0.4        | 75              | 0.6        | 117             | 0.8        | 1                | 0.3        | 106            | 0.6        |
| Hamilton       | 52                      | 0.2        | 0                     | 0.0        | 22              | 0.2        | 30              | 0.2        | 0                | 0.0        | 30             | 0.2        |
| Herkimer       | 249                     | 0.9        | 2                     | 0.7        | 108             | 0.8        | 139             | 0.9        | 2                | 0.6        | 133            | 0.7        |
| Jefferson      | 352                     | 1.3        | 5                     | 1.8        | 163             | 1.3        | 184             | 1.2        | 5                | 1.6        | 232            | 1.2        |
| Lewis          | 110                     | 0.4        | 2                     | 0.7        | 39              | 0.3        | 69              | 0.5        | 2                | 0.6        | 55             | 0.3        |
| Livingston     | 106                     | 0.4        | 0                     | 0.0        | 45              | 0.4        | 61              | 0.4        | 0                | 0.0        | 60             | 0.3        |
| Madison        | 272                     | 1.0        | 2                     | 0.7        | 96              | 0.7        | 174             | 1.2        | 2                | 0.6        | 120            | 0.6        |
| Monroe         | 1,545                   | 5.5        | 19                    | 6.7        | 584             | 4.5        | 942             | 6.3        | 20               | 6.3        | 817            | 4.3        |
| Montgomery     | 161                     | 0.6        | 3                     | 1.1        | 59              | 0.5        | 99              | 0.7        | 3                | 0.9        | 73             | 0.4        |
| Nassau         | 2,037                   | 7.2        | 25                    | 8.8        | 975             | 7.6        | 1,037           | 6.9        | 25               | 7.8        | 1,490          | 7.9        |
| Niagara        | 300                     | 1.1        | 3                     | 1.1        | 130             | 1.0        | 167             | 1.1        | 3                | 0.9        | 183            | 1.0        |
| Oneida         | 716                     | 2.5        | 4                     | 1.4        | 262             | 2.0        | 450             | 3.0        | 4                | 1.3        | 344            | 1.8        |
| Onondaga       | 1,220                   | 4.3        | 7                     | 2.5        | 435             | 3.4        | 778             | 5.2        | 7                | 2.2        | 564            | 3.0        |
| Ontario        | 307                     | 1.1        | 1                     | 0.4        | 127             | 1.0        | 179             | 1.2        | 1                | 0.3        | 171            | 0.9        |
| Orange         | 1,019                   | 3.6        | 10                    | 3.5        | 394             | 3.1        | 615             | 4.1        | 11               | 3.4        | 554            | 2.9        |
| Orleans        | 94                      | 0.3        | 3                     | 1.1        | 38              | 0.3        | 53              | 0.4        | 3                | 0.9        | 57             | 0.3        |
| Oswego         | 250                     | 0.9        | 2                     | 0.7        | 114             | 0.9        | 134             | 0.9        | 2                | 0.6        | 160            | 0.8        |
| Otsego         | 287                     | 1.0        | 0                     | 0.0        | 123             | 1.0        | 164             | 1.1        | 0                | 0.0        | 149            | 0.8        |
| Putnam         | 464                     | 1.6        | 5                     | 1.8        | 174             | 1.4        | 285             | 1.9        | 6                | 1.9        | 232            | 1.2        |
| Rensselaer     | 246                     | 0.9        | 4                     | 1.4        | 113             | 0.9        | 129             | 0.9        | 5                | 1.6        | 142            | 0.8        |
| Rockland       | 611                     | 2.2        | 4                     | 1.4        | 252             | 2.0        | 355             | 2.4        | 4                | 1.3        | 362            | 1.9        |
| St. Lawrence   | 382                     | 1.4        | 4                     | 1.4        | 139             | 1.1        | 239             | 1.6        | 4                | 1.3        | 187            | 1.0        |
| Saratoga       | 579                     | 2.1        | 4                     | 1.4        | 191             | 1.5        | 384             | 2.6        | 4                | 1.3        | 234            | 1.2        |
| Schenectady    | 296                     | 1.1        | 3                     | 1.1        | 92              | 0.7        | 201             | 1.3        | 3                | 0.9        | 120            | 0.6        |
| Schoharie      | 122                     | 0.4        | 0                     | 0.0        | 52              | 0.4        | 70              | 0.5        | 0                | 0.0        | 75             | 0.4        |
| Schuyler       | 40                      | 0.1        | 0                     | 0.0        | 14              | 0.1        | 26              | 0.2        | 0                | 0.0        | 17             | 0.1        |
| Seneca         | 114                     | 0.4        | 1                     | 0.4        | 53              | 0.4        | 60              | 0.4        | 1                | 0.3        | 69             | 0.4        |
| Steuben        | 403                     | 1.4        | 5                     | 1.8        | 154             | 1.2        | 244             | 1.6        | 5                | 1.6        | 197            | 1.0        |
| Suffolk        | 2,340                   | 8.3        | 31                    | 10.9       | 1,176           | 9.2        | 1,133           | 7.5        | 32               | 10.0       | 1,798          | 9.5        |
| Sullivan       | 384                     | 1.4        | 5                     | 1.8        | 150             | 1.2        | 229             | 1.5        | 5                | 1.6        | 223            | 1.2        |
| Tioga          | 129                     | 0.5        | 2                     | 0.7        | 45              | 0.4        | 82              | 0.5        | 2                | 0.6        | 57             | 0.3        |
| Tompkins       | 194                     | 0.7        | 3                     | 1.1        | 73              | 0.6        | 118             | 0.8        | 4                | 1.3        | 97             | 0.5        |

**New York State Department of Motor Vehicles  
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| <b>TABLE 7(P) Speed-Related Crash Data by County: 2011</b> |                       |              |                              |              |                            |              |                            |              |                             |              |                           |              |
|--|-----------------------|--------------|------------------------------|--------------|----------------------------|--------------|----------------------------|--------------|-----------------------------|--------------|---------------------------|--------------|
| <b>Total S-R<br/>Police-Reported<br/>Crashes</b>           |                       |              | <b>Severity of S-R Crash</b> |              |                            |              |                            |              | <b>Persons</b>              |              |                           |              |
|  |                       |              | <b>Fatal</b>                 |              | <b>Personal<br/>Injury</b> |              | <b>Property<br/>Damage</b> |              | <b>Total<br/>Fatalities</b> |              | <b>Total<br/>Injuries</b> |              |
| <b>#</b>   | <b>% of<br/>State</b> | <b>#</b>     | <b>% of<br/>State</b>        | <b>#</b>     | <b>% of<br/>State</b>      | <b>#</b>     | <b>% of<br/>State</b>      | <b>#</b>     | <b>% of<br/>State</b>       | <b>#</b>     | <b>% of<br/>State</b>     |              |
| <b>Upstate (Cont'd)</b>                                    |                       |              |                              |              |                            |              |                            |              |                             |              |                           |              |
| Ulster   | 454                   | 1.6          | 5                            | 1.8          | 196                        | 1.5          | 253                        | 1.7          | 5                           | 1.6          | 257                       | 1.4          |
| Warren   | 171                   | 0.6          | 2                            | 0.7          | 59                         | 0.5          | 110                        | 0.7          | 2                           | 0.6          | 81                        | 0.4          |
| Washington   | 143                   | 0.5          | 2                            | 0.7          | 78                         | 0.6          | 63                         | 0.4          | 3                           | 0.9          | 109                       | 0.6          |
| Wayne  | 259                   | 0.9          | 0                            | 0.0          | 101                        | 0.8          | 158                        | 1.1          | 0                           | 0.0          | 148                       | 0.8          |
| Westchester  | 1,480                 | 5.3          | 7                            | 2.5          | 673                        | 5.2          | 800                        | 5.3          | 10                          | 3.1          | 970                       | 5.1          |
| Wyoming  | 111                   | 0.4          | 0                            | 0.0          | 43                         | 0.3          | 68                         | 0.5          | 0                           | 0.0          | 62                        | 0.3          |
| Yates  | 58                    | 0.2          | 1                            | 0.4          | 29                         | 0.2          | 28                         | 0.2          | 6                           | 1.9          | 44                        | 0.2          |
| <b>Total Upstate</b>                                       | <b>24,618</b>         | <b>87.5</b>  | <b>229</b>                   | <b>80.6</b>  | <b>10,122</b>              | <b>78.8</b>  | <b>14,267</b>              | <b>95.0</b>  | <b>249</b>                  | <b>78.1</b>  | <b>14,136</b>             | <b>75.0</b>  |
| <b>New York City</b>                                       |                       |              |                              |              |                            |              |                            |              |                             |              |                           |              |
| Bronx  | 464                   | 1.6          | 15                           | 5.3          | 359                        | 2.8          | 90                         | 0.6          | 30                          | 9.4          | 679                       | 3.6          |
| Kings  | 1,060                 | 3.8          | 12                           | 4.2          | 832                        | 6.5          | 216                        | 1.4          | 12                          | 3.8          | 1,449                     | 7.7          |
| New York   | 594                   | 2.1          | 4                            | 1.4          | 467                        | 3.6          | 123                        | 0.8          | 4                           | 1.3          | 777                       | 4.1          |
| Queens   | 1,143                 | 4.1          | 20                           | 7.0          | 862                        | 6.7          | 261                        | 1.7          | 20                          | 6.3          | 1,468                     | 7.8          |
| Richmond   | 248                   | 0.9          | 4                            | 1.4          | 191                        | 1.5          | 53                         | 0.4          | 4                           | 1.3          | 324                       | 1.7          |
| <b>Total New York City</b>                                 | <b>3,509</b>          | <b>12.5</b>  | <b>55</b>                    | <b>19.4</b>  | <b>2,711</b>               | <b>21.1</b>  | <b>743</b>                 | <b>4.9</b>   | <b>70</b>                   | <b>21.9</b>  | <b>4,697</b>              | <b>24.9</b>  |
| Unknown County   | 20                    | 0.1          | 0                            | 0.0          | 5                          | <0.1         | 15                         | 0.1          | 0                           | 0.0          | 10                        | 0.1          |
| <b>TOTAL STATE</b>   | <b>28,147</b>         | <b>100.0</b> | <b>284</b>                   | <b>100.0</b> | <b>12,838</b>              | <b>100.0</b> | <b>15,025</b>              | <b>100.0</b> | <b>319</b>                  | <b>100.0</b> | <b>18,843</b>             | <b>100.0</b> |

## **SECTION 4**

### **Motorcycle Crash Summary Report**

**New York State Department of Motor Vehicles  
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| <b>TABLE 1 Crash Summary Totals</b>   |                  |  |                  |  |                  |  |
|---|------------------|--|------------------|--|------------------|--|
| <b>Category Totals</b>  | <b>2009</b>      |  | <b>2010</b>      |  | <b>2011</b>      |  |
|   | <b>NYS Total</b> |  | <b>NYS Total</b> |  | <b>NYS Total</b> |  |
| <b>Total Motorcycle Crashes</b>   | <b>5,150</b>     |  | <b>5,570</b>     |  | <b>5,336</b>     |  |
| Fatal Crashes   | 152              |  | 180              |  | 168              |  |
| Non-Fatal Personal Injury Crashes   | 4,347            |  | 4,757            |  | 4,550            |  |
| Reportable Property Damage Crashes  | 651              |  | 633              |  | 618              |  |
|   |                  |  |                  |  |                  |  |
| <b>Manner of Collision</b>  |                  |  |                  |  |                  |  |
| Single Motorcycle Crashes   | 2,270            |  | 2,426            |  | 2,408            |  |
| Multiple Vehicle Crashes  | 2,880            |  | 3,144            |  | 2,928            |  |
|   |                  |  |                  |  |                  |  |
| <b>Special Motorcycle Crash Series</b>  |                  |  |                  |  |                  |  |
| Motorcycle/Pedestrian Crashes   | 63               |  | 79               |  | 64               |  |
| Motorcycle/Bicycle Crashes  | 28               |  | 28               |  | 27               |  |
|   |                  |  |                  |  |                  |  |
| <b>Fatalities</b>   |                  |  |                  |  |                  |  |
| <b>Persons Killed (1)</b>   | <b>155</b>       |  | <b>185</b>       |  | <b>171</b>       |  |
| Drivers Killed  | 146              |  | 173              |  | 162              |  |
| <i>Motorcycle Operators</i>   | 146              |  | 172              |  | 162              |  |
| <i>Non-Motorcycle Drivers</i>   | 0                |  | 1                |  | 0                |  |
| Passengers Killed   | 5                |  | 11               |  | 6                |  |
| <i>Motorcycle Passengers</i>  | 5                |  | 11               |  | 6                |  |
| <i>Passengers in Other Vehicles</i>   | 0                |  | 0                |  | 0                |  |
| Pedestrians Killed  | 3                |  | 1                |  | 3                |  |
| Bicyclists Killed   | 1                |  | 0                |  | 0                |  |
| Other   | 0                |  | 0                |  | 0                |  |
|   |                  |  |                  |  |                  |  |
| <b>Non-Fatal Injuries</b>   |                  |  |                  |  |                  |  |
| <b>Persons Injured (1)</b>  | <b>5,042</b>     |  | <b>5,468</b>     |  | <b>5,180</b>     |  |
| Drivers Injured   | 4,444            |  | 4,819            |  | 4,604            |  |
| Passengers Injured  | 505              |  | 520              |  | 485              |  |
| Pedestrians Injured   | 61               |  | 85               |  | 59               |  |
| Bicyclists Injured  | 24               |  | 27               |  | 22               |  |
| Other   | 8                |  | 17               |  | 10               |  |
|   |                  |  |                  |  |                  |  |
| <b>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</b> |                  |  |                  |  |                  |  |

General Notes

- \* Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- \* The Property Damage Crash reporting level is \$1,000 or more.
- \* The term "vehicle" always excludes bicycles.
- \* The term "driver" always excludes bicyclists.
- \* Percentages may not total 100.0 due to rounding.

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**TABLE 2 Day of Week/Time of Day: 2011**

|              | Total Crashes | Time of Day |            |              |              |            |
|--------------|---------------|-------------|------------|--------------|--------------|------------|
|              |               | Mid-6am     | 6am-Noon   | Noon-6pm     | 6pm-Mid      | Unknown    |
| <b>Total</b> | <b>5,336</b>  | <b>361</b>  | <b>922</b> | <b>2,398</b> | <b>1,536</b> | <b>119</b> |
| Sunday       | 894           | 80          | 158        | 437          | 198          | 21         |
| Monday       | 627           | 37          | 122        | 268          | 187          | 13         |
| Tuesday      | 679           | 32          | 123        | 284          | 224          | 16         |
| Wednesday    | 694           | 46          | 146        | 284          | 204          | 14         |
| Thursday     | 645           | 34          | 117        | 291          | 185          | 18         |
| Friday       | 785           | 52          | 122        | 352          | 240          | 19         |
| Saturday     | 1,012         | 80          | 134        | 482          | 298          | 18         |

**TABLE 3 Motorcycle Operator Gender and Age**

|                           | 2009         |              | 2010         |              | 2011         |              |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                           | #            | %            | #            | %            | #            | %            |
| <b>Total MC Operators</b> | <b>5,089</b> | <b>100.0</b> | <b>5,518</b> | <b>100.0</b> | <b>5,302</b> | <b>100.0</b> |
| Male                      | 4,706        | 92.5         | 5,112        | 92.6         | 4,922        | 92.8         |
| Female                    | 346          | 6.8          | 370          | 6.7          | 343          | 6.5          |
| Unknown                   | 37           | 0.7          | 36           | 0.7          | 37           | 0.7          |
| Under Age 16              | 6            | 0.1          | 5            | 0.1          | 4            | 0.1          |
| Ages 16-20                | 311          | 6.1          | 327          | 5.9          | 303          | 5.7          |
| Ages 21-29                | 1,360        | 26.7         | 1,453        | 26.3         | 1,364        | 25.7         |
| Ages 30-39                | 1,036        | 20.4         | 1,115        | 20.2         | 1,090        | 20.6         |
| Ages 40-49                | 1,184        | 23.3         | 1,239        | 22.5         | 1,130        | 21.3         |
| Ages 50-59                | 816          | 16.0         | 922          | 16.7         | 947          | 17.9         |
| Ages 60 and Over          | 333          | 6.5          | 410          | 7.4          | 423          | 8.0          |
| Unknown Age               | 43           | 0.8          | 47           | 0.9          | 41           | 0.8          |

**TABLE 4(P) Select Crash Contributing Factors**

|                                | 2009         |      | 2010         |      | 2011         |      |
|--------------------------------|--------------|------|--------------|------|--------------|------|
|                                | #            | %    | #            | %    | #            | %    |
| <b>Total MC Crashes</b>        | <b>4,647</b> |      | <b>5,047</b> |      | <b>4,855</b> |      |
| Alcohol Involvement            | 158          | 3.4  | 176          | 3.5  | 169          | 3.5  |
| Driver Inattention/Distraction | 670          | 14.4 | 681          | 13.5 | 707          | 14.6 |
| Driver Inexperience            | 383          | 8.2  | 421          | 8.3  | 388          | 8.0  |
| Failure to Keep Right          | 94           | 2.0  | 110          | 2.2  | 105          | 2.2  |
| Failure to Yield R.O.W.        | 749          | 16.1 | 841          | 16.7 | 811          | 16.7 |
| Following Too Closely          | 415          | 8.9  | 439          | 8.7  | 455          | 9.4  |
| Passing/Lane Violations        | 473          | 10.2 | 567          | 11.2 | 557          | 11.5 |
| Traffic Control Disregarded    | 114          | 2.5  | 126          | 2.5  | 122          | 2.5  |
| Turning Improperly             | 244          | 5.3  | 244          | 4.8  | 285          | 5.9  |
| Unsafe Speed                   | 744          | 16.0 | 828          | 16.4 | 799          | 16.5 |

Note: Many crashes have multiple factors reported.

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| <b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b> |              |              |              |              |              |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
|   | <b>2009</b>  |              | <b>2010</b>  |              | <b>2011</b>  |              |
|   | <b>#</b>     | <b>%</b>     | <b>#</b>     | <b>%</b>     | <b>#</b>     | <b>%</b>     |
| <b>Age Group</b>  | <b>4,744</b> | <b>100.0</b> | <b>5,211</b> | <b>100.0</b> | <b>4,975</b> | <b>100.0</b> |
| Under Age 4   | 0            | 0.0          | 1            | <0.1         | 0            | 0.0          |
| Ages 4-6  | 0            | 0.0          | 0            | 0.0          | 1            | <0.1         |
| Ages 7-15   | 34           | 0.7          | 28           | 0.5          | 25           | 0.5          |
| Ages 16-17  | 40           | 0.8          | 38           | 0.7          | 34           | 0.7          |
| Ages 18-20  | 273          | 5.8          | 311          | 6.0          | 268          | 5.4          |
| Ages 21-29  | 1,254        | 26.4         | 1,376        | 26.4         | 1,276        | 25.6         |
| Ages 30-39  | 952          | 20.1         | 1,026        | 19.7         | 1,007        | 20.2         |
| Ages 40-49  | 1,099        | 23.2         | 1,169        | 22.4         | 1,058        | 21.3         |
| Ages 50-59  | 765          | 16.1         | 868          | 16.7         | 897          | 18.0         |
| Ages 60-69  | 254          | 5.4          | 325          | 6.2          | 310          | 6.2          |
| Ages 70 and Over  | 53           | 1.1          | 40           | 0.8          | 75           | 1.5          |
| Unknown Age   | 20           | 0.4          | 29           | 0.6          | 24           | 0.5          |

| <b>TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured</b> |              |              |              |              |              |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|
|   | <b>2009</b>  |              | <b>2010</b>  |              | <b>2011</b>  |              |
|   | <b>#</b>     | <b>%</b>     | <b>#</b>     | <b>%</b>     | <b>#</b>     | <b>%</b>     |
| <b>Motorcyclists</b>  | <b>4,502</b> | <b>100.0</b> | <b>4,932</b> | <b>100.0</b> | <b>4,731</b> | <b>100.0</b> |
| No Helmet Used  | 497          | 11.0         | 535          | 10.8         | 510          | 10.8         |
| Helmet Used   | 3,593        | 79.8         | 3,959        | 80.3         | 3,816        | 80.7         |
| Unknown   | 412          | 9.2          | 438          | 8.9          | 405          | 8.6          |

| <b>TABLE 7 Motorcycle Registrations / License Endorsements</b> |                         |  |                    |  |
|--|-------------------------|--|--------------------|--|
|  | <b>MC Registrations</b> |  | <b>MC Licenses</b> |  |
|  | <b>NYS Total</b>        |  | <b>NYS Total</b>   |  |
| <b>2007</b>  | 306,629                 |  | 618,261            |  |
| <b>2008</b>  | 328,800                 |  | 636,517            |  |
| <b>2009</b>  | 336,359                 |  | 653,544            |  |
| <b>2010</b>  | 340,260                 |  | 665,552            |  |
| <b>2011</b>  | 345,820                 |  | 675,131            |  |

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| <b>TABLE 8 Motorcycle Crash Data by County: 2011</b> |                                |               |                   |               |                    |               |                    |               |                     |               |                   |               |
|--|--------------------------------|---------------|-------------------|---------------|--------------------|---------------|--------------------|---------------|---------------------|---------------|-------------------|---------------|
|  | Total<br>Motorcycle<br>Crashes |               | Severity of Crash |               |                    |               |                    |               | Persons             |               |                   |               |
|  |                                |               | Fatal             |               | Personal<br>Injury |               | Property<br>Damage |               | Total<br>Fatalities |               | Total<br>Injuries |               |
|  | #                              | % of<br>State | #                 | % of<br>State | #                  | % of<br>State | #                  | % of<br>State | #                   | % of<br>State | #                 | % of<br>State |
| <b>Upstate</b>                                       |                                |               |                   |               |                    |               |                    |               |                     |               |                   |               |
| Albany   | 123                            | 2.3           | 5                 | 3.0           | 98                 | 2.2           | 20                 | 3.2           | 5                   | 2.9           | 106               | 2.0           |
| Allegany   | 16                             | 0.3           | 2                 | 1.2           | 13                 | 0.3           | 1                  | 0.2           | 2                   | 1.2           | 14                | 0.3           |
| Broome   | 89                             | 1.7           | 4                 | 2.4           | 69                 | 1.5           | 16                 | 2.6           | 4                   | 2.3           | 80                | 1.5           |
| Cattaraugus  | 52                             | 1.0           | 3                 | 1.8           | 47                 | 1.0           | 2                  | 0.3           | 3                   | 1.8           | 50                | 1.0           |
| Cayuga   | 34                             | 0.6           | 0                 | 0.0           | 34                 | 0.7           | 0                  | 0.0           | 0                   | 0.0           | 38                | 0.7           |
| Chautauqua   | 69                             | 1.3           | 3                 | 1.8           | 61                 | 1.3           | 5                  | 0.8           | 3                   | 1.8           | 70                | 1.4           |
| Chemung  | 30                             | 0.6           | 2                 | 1.2           | 24                 | 0.5           | 4                  | 0.6           | 2                   | 1.2           | 26                | 0.5           |
| Chenango   | 16                             | 0.3           | 1                 | 0.6           | 12                 | 0.3           | 3                  | 0.5           | 1                   | 0.6           | 15                | 0.3           |
| Clinton  | 32                             | 0.6           | 1                 | 0.6           | 26                 | 0.6           | 5                  | 0.8           | 1                   | 0.6           | 30                | 0.6           |
| Columbia   | 26                             | 0.5           | 1                 | 0.6           | 22                 | 0.5           | 3                  | 0.5           | 1                   | 0.6           | 26                | 0.5           |
| Cortland   | 16                             | 0.3           | 1                 | 0.6           | 13                 | 0.3           | 2                  | 0.3           | 1                   | 0.6           | 13                | 0.3           |
| Delaware   | 21                             | 0.4           | 1                 | 0.6           | 17                 | 0.4           | 3                  | 0.5           | 1                   | 0.6           | 18                | 0.3           |
| Dutchess   | 99                             | 1.9           | 4                 | 2.4           | 84                 | 1.8           | 11                 | 1.8           | 4                   | 2.3           | 96                | 1.9           |
| Erie   | 279                            | 5.2           | 8                 | 4.8           | 248                | 5.5           | 23                 | 3.7           | 9                   | 5.3           | 282               | 5.4           |
| Essex  | 38                             | 0.7           | 0                 | 0.0           | 35                 | 0.8           | 3                  | 0.5           | 0                   | 0.0           | 40                | 0.8           |
| Franklin   | 28                             | 0.5           | 1                 | 0.6           | 23                 | 0.5           | 4                  | 0.6           | 1                   | 0.6           | 26                | 0.5           |
| Fulton   | 25                             | 0.5           | 1                 | 0.6           | 20                 | 0.4           | 4                  | 0.6           | 1                   | 0.6           | 23                | 0.4           |
| Genesee  | 21                             | 0.4           | 0                 | 0.0           | 17                 | 0.4           | 4                  | 0.6           | 0                   | 0.0           | 20                | 0.4           |
| Greene   | 32                             | 0.6           | 1                 | 0.6           | 29                 | 0.6           | 2                  | 0.3           | 1                   | 0.6           | 32                | 0.6           |
| Hamilton   | 11                             | 0.2           | 0                 | 0.0           | 9                  | 0.2           | 2                  | 0.3           | 0                   | 0.0           | 10                | 0.2           |
| Herkimer   | 26                             | 0.5           | 1                 | 0.6           | 24                 | 0.5           | 1                  | 0.2           | 1                   | 0.6           | 32                | 0.6           |
| Jefferson  | 51                             | 1.0           | 2                 | 1.2           | 43                 | 0.9           | 6                  | 1.0           | 2                   | 1.2           | 49                | 0.9           |
| Lewis  | 11                             | 0.2           | 0                 | 0.0           | 10                 | 0.2           | 1                  | 0.2           | 0                   | 0.0           | 11                | 0.2           |
| Livingston   | 28                             | 0.5           | 0                 | 0.0           | 26                 | 0.6           | 2                  | 0.3           | 0                   | 0.0           | 31                | 0.6           |
| Madison  | 33                             | 0.6           | 3                 | 1.8           | 28                 | 0.6           | 2                  | 0.3           | 3                   | 1.8           | 30                | 0.6           |
| Monroe   | 245                            | 4.6           | 11                | 6.5           | 207                | 4.5           | 27                 | 4.4           | 11                  | 6.4           | 234               | 4.5           |
| Montgomery   | 22                             | 0.4           | 1                 | 0.6           | 14                 | 0.3           | 7                  | 1.1           | 1                   | 0.6           | 18                | 0.3           |
| Nassau   | 325                            | 6.1           | 12                | 7.1           | 264                | 5.8           | 49                 | 7.9           | 12                  | 7.0           | 303               | 5.8           |
| Niagara  | 84                             | 1.6           | 3                 | 1.8           | 71                 | 1.6           | 10                 | 1.6           | 3                   | 1.8           | 80                | 1.5           |
| Oneida   | 90                             | 1.7           | 4                 | 2.4           | 76                 | 1.7           | 10                 | 1.6           | 4                   | 2.3           | 87                | 1.7           |
| Onondaga   | 157                            | 2.9           | 8                 | 4.8           | 128                | 2.8           | 21                 | 3.4           | 8                   | 4.7           | 150               | 2.9           |
| Ontario  | 48                             | 0.9           | 1                 | 0.6           | 39                 | 0.9           | 8                  | 1.3           | 1                   | 0.6           | 44                | 0.8           |
| Orange   | 174                            | 3.3           | 4                 | 2.4           | 138                | 3.0           | 32                 | 5.2           | 4                   | 2.3           | 162               | 3.1           |
| Orleans  | 11                             | 0.2           | 1                 | 0.6           | 10                 | 0.2           | 0                  | 0.0           | 1                   | 0.6           | 11                | 0.2           |
| Oswego   | 49                             | 0.9           | 1                 | 0.6           | 44                 | 1.0           | 4                  | 0.6           | 1                   | 0.6           | 49                | 0.9           |
| Otsego   | 26                             | 0.5           | 0                 | 0.0           | 21                 | 0.5           | 5                  | 0.8           | 0                   | 0.0           | 21                | 0.4           |
| Putnam   | 55                             | 1.0           | 2                 | 1.2           | 39                 | 0.9           | 14                 | 2.3           | 2                   | 1.2           | 41                | 0.8           |
| Rensselaer   | 73                             | 1.4           | 1                 | 0.6           | 66                 | 1.5           | 6                  | 1.0           | 1                   | 0.6           | 76                | 1.5           |
| Rockland   | 85                             | 1.6           | 3                 | 1.8           | 76                 | 1.7           | 6                  | 1.0           | 3                   | 1.8           | 84                | 1.6           |
| St. Lawrence   | 49                             | 0.9           | 2                 | 1.2           | 43                 | 0.9           | 4                  | 0.6           | 2                   | 1.2           | 49                | 0.9           |
| Saratoga   | 118                            | 2.2           | 1                 | 0.6           | 98                 | 2.2           | 19                 | 3.1           | 1                   | 0.6           | 108               | 2.1           |
| Schenectady  | 58                             | 1.1           | 2                 | 1.2           | 47                 | 1.0           | 9                  | 1.5           | 2                   | 1.2           | 48                | 0.9           |
| Schoharie  | 13                             | 0.2           | 0                 | 0.0           | 10                 | 0.2           | 3                  | 0.5           | 0                   | 0.0           | 11                | 0.2           |
| Schuyler   | 12                             | 0.2           | 0                 | 0.0           | 11                 | 0.2           | 1                  | 0.2           | 0                   | 0.0           | 14                | 0.3           |
| Seneca   | 13                             | 0.2           | 0                 | 0.0           | 13                 | 0.3           | 0                  | 0.0           | 0                   | 0.0           | 15                | 0.3           |
| Steuben  | 56                             | 1.0           | 2                 | 1.2           | 46                 | 1.0           | 8                  | 1.3           | 2                   | 1.2           | 54                | 1.0           |
| Suffolk  | 424                            | 7.9           | 12                | 7.1           | 373                | 8.2           | 39                 | 6.3           | 12                  | 7.0           | 425               | 8.2           |
| Sullivan   | 36                             | 0.7           | 1                 | 0.6           | 30                 | 0.7           | 5                  | 0.8           | 1                   | 0.6           | 35                | 0.7           |
| Tioga  | 20                             | 0.4           | 2                 | 1.2           | 15                 | 0.3           | 3                  | 0.5           | 2                   | 1.2           | 18                | 0.3           |
| Tompkins   | 33                             | 0.6           | 0                 | 0.0           | 25                 | 0.5           | 8                  | 1.3           | 0                   | 0.0           | 27                | 0.5           |

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**NEW YORK STATE**

**TABLE 8 Motorcycle Crash Data by County: 2011**

| Total Motorcycle Crashes   |              | Severity of Crash |            |                 |              |                 |            | Persons          |            |                |              |              |
|----------------------------|--------------|-------------------|------------|-----------------|--------------|-----------------|------------|------------------|------------|----------------|--------------|--------------|
|                            |              | Fatal             |            | Personal Injury |              | Property Damage |            | Total Fatalities |            | Total Injuries |              |              |
| #                          | % of State   | #                 | % of State | #               | % of State   | #               | % of State | #                | % of State | #              | % of State   |              |
| <b>Upstate (Cont'd)</b>    |              |                   |            |                 |              |                 |            |                  |            |                |              |              |
| Ulster                     | 77           | 1.4               | 3          | 1.8             | 67           | 1.5             | 7          | 1.1              | 3          | 1.8            | 75           | 1.4          |
| Warren                     | 55           | 1.0               | 2          | 1.2             | 44           | 1.0             | 9          | 1.5              | 3          | 1.8            | 55           | 1.1          |
| Washington                 | 33           | 0.6               | 3          | 1.8             | 28           | 0.6             | 2          | 0.3              | 4          | 2.3            | 29           | 0.6          |
| Wayne                      | 44           | 0.8               | 4          | 2.4             | 37           | 0.8             | 3          | 0.5              | 4          | 2.3            | 46           | 0.9          |
| Westchester                | 191          | 3.6               | 3          | 1.8             | 163          | 3.6             | 25         | 4.0              | 3          | 1.8            | 180          | 3.5          |
| Wyoming                    | 23           | 0.4               | 0          | 0.0             | 20           | 0.4             | 3          | 0.5              | 0          | 0.0            | 24           | 0.5          |
| Yates                      | 11           | 0.2               | 0          | 0.0             | 10           | 0.2             | 1          | 0.2              | 0          | 0.0            | 12           | 0.2          |
| <b>Total Upstate</b>       | <b>3,916</b> | <b>73.4</b>       | <b>134</b> | <b>79.8</b>     | <b>3,305</b> | <b>72.6</b>     | <b>477</b> | <b>77.2</b>      | <b>137</b> | <b>80.1</b>    | <b>3,753</b> | <b>72.5</b>  |
| <b>New York City</b>       |              |                   |            |                 |              |                 |            |                  |            |                |              |              |
| Bronx                      | 168          | 3.1               | 6          | 3.6             | 152          | 3.3             | 10         | 1.6              | 6          | 3.5            | 173          | 3.3          |
| Kings                      | 430          | 8.1               | 10         | 6.0             | 389          | 8.5             | 31         | 5.0              | 10         | 5.8            | 460          | 8.9          |
| New York                   | 394          | 7.4               | 5          | 3.0             | 333          | 7.3             | 56         | 9.1              | 5          | 2.9            | 371          | 7.2          |
| Queens                     | 361          | 6.8               | 12         | 7.1             | 311          | 6.8             | 38         | 6.1              | 12         | 7.0            | 356          | 6.9          |
| Richmond                   | 62           | 1.2               | 1          | 0.6             | 56           | 1.2             | 5          | 0.8              | 1          | 0.6            | 62           | 1.2          |
| <b>Total New York City</b> | <b>1,415</b> | <b>26.5</b>       | <b>34</b>  | <b>20.2</b>     | <b>1,241</b> | <b>27.3</b>     | <b>140</b> | <b>22.7</b>      | <b>34</b>  | <b>19.9</b>    | <b>1,422</b> | <b>27.5</b>  |
| Unknown County             | 5            | 0.1               | 0          | 0.0             | 4            | 0.1             | 1          | 0.2              | 0          | 0.0            | 5            | 0.1          |
| <b>TOTAL STATE</b>         | <b>5,336</b> | <b>100.0</b>      | <b>168</b> | <b>100.0</b>    | <b>4,550</b> | <b>100.0</b>    | <b>618</b> | <b>100.0</b>     | <b>171</b> | <b>100.0</b>   | <b>5,180</b> | <b>100.0</b> |



New York State Department of Motor Vehicles

NEW YORK STATE

TABLE 9 Motorcycle Registrations and License Endorsements by County: 2009-2011

|                | Motorcycle Registrations |            |        |            |        |            | Motorcycle License Endorsements |            |        |            |        |            |
|----------------|--------------------------|------------|--------|------------|--------|------------|---------------------------------|------------|--------|------------|--------|------------|
|                | 2009                     |            | 2010   |            | 2011   |            | 2009                            |            | 2010   |            | 2011   |            |
|                | #                        | % of State | #      | % of State | #      | % of State | #                               | % of State | #      | % of State | #      | % of State |
| <b>Upstate</b> |                          |            |        |            |        |            |                                 |            |        |            |        |            |
| Albany         | 7,086                    | 2.1        | 7,332  | 2.2        | 7,448  | 2.2        | 13,935                          | 2.1        | 14,223 | 2.1        | 14,437 | 2.1        |
| Allegany       | 1,910                    | 0.6        | 1,953  | 0.6        | 2,013  | 0.6        | 3,911                           | 0.6        | 3,987  | 0.6        | 4,018  | 0.6        |
| Broome         | 5,871                    | 1.7        | 6,046  | 1.8        | 6,213  | 1.8        | 11,623                          | 1.8        | 11,823 | 1.8        | 11,943 | 1.8        |
| Cattaraugus    | 3,678                    | 1.1        | 3,832  | 1.1        | 3,875  | 1.1        | 6,953                           | 1.1        | 7,031  | 1.1        | 7,039  | 1.0        |
| Cayuga         | 3,063                    | 0.9        | 3,125  | 0.9        | 3,176  | 0.9        | 5,993                           | 0.9        | 6,066  | 0.9        | 6,082  | 0.9        |
| Chautauqua     | 4,828                    | 1.4        | 5,005  | 1.5        | 5,138  | 1.5        | 10,140                          | 1.6        | 10,240 | 1.5        | 10,268 | 1.5        |
| Chemung        | 3,022                    | 0.9        | 3,164  | 0.9        | 3,304  | 1.0        | 5,938                           | 0.9        | 6,089  | 0.9        | 6,184  | 0.9        |
| Chenango       | 2,587                    | 0.8        | 2,634  | 0.8        | 2,661  | 0.8        | 4,747                           | 0.7        | 4,814  | 0.7        | 4,850  | 0.7        |
| Clinton        | 3,672                    | 1.1        | 3,726  | 1.1        | 3,824  | 1.1        | 6,977                           | 1.1        | 7,095  | 1.1        | 7,202  | 1.1        |
| Columbia       | 2,654                    | 0.8        | 2,675  | 0.8        | 2,718  | 0.8        | 4,987                           | 0.8        | 5,040  | 0.8        | 5,055  | 0.7        |
| Cortland       | 2,000                    | 0.6        | 2,028  | 0.6        | 2,021  | 0.6        | 4,153                           | 0.6        | 4,174  | 0.6        | 4,134  | 0.6        |
| Delaware       | 2,105                    | 0.6        | 2,189  | 0.6        | 2,140  | 0.6        | 3,985                           | 0.6        | 3,980  | 0.6        | 3,911  | 0.6        |
| Dutchess       | 8,822                    | 2.6        | 8,611  | 2.5        | 8,551  | 2.5        | 17,191                          | 2.6        | 17,386 | 2.6        | 17,471 | 2.6        |
| Erie           | 21,601                   | 6.4        | 21,745 | 6.4        | 22,183 | 6.4        | 42,661                          | 6.5        | 43,396 | 6.5        | 43,883 | 6.5        |
| Essex          | 1,657                    | 0.5        | 1,670  | 0.5        | 1,724  | 0.5        | 3,211                           | 0.5        | 3,244  | 0.5        | 3,236  | 0.5        |
| Franklin       | 2,028                    | 0.6        | 2,095  | 0.6        | 2,078  | 0.6        | 3,994                           | 0.6        | 4,069  | 0.6        | 4,077  | 0.6        |
| Fulton         | 2,527                    | 0.8        | 2,607  | 0.8        | 2,667  | 0.8        | 5,205                           | 0.8        | 5,247  | 0.8        | 5,241  | 0.8        |
| Genesee        | 2,376                    | 0.7        | 2,405  | 0.7        | 2,497  | 0.7        | 4,894                           | 0.7        | 4,956  | 0.7        | 5,033  | 0.7        |
| Greene         | 2,691                    | 0.8        | 2,745  | 0.8        | 2,769  | 0.8        | 4,427                           | 0.7        | 4,490  | 0.7        | 4,536  | 0.7        |
| Hamilton       | 321                      | 0.1        | 335    | 0.1        | 321    | 0.1        | 631                             | 0.1        | 640    | 0.1        | 657    | 0.1        |
| Herkimer       | 2,968                    | 0.9        | 2,944  | 0.9        | 2,955  | 0.9        | 5,096                           | 0.8        | 5,190  | 0.8        | 5,230  | 0.8        |
| Jefferson      | 3,919                    | 1.2        | 4,154  | 1.2        | 4,285  | 1.2        | 7,794                           | 1.2        | 8,018  | 1.2        | 8,219  | 1.2        |
| Lewis          | 1,286                    | 0.4        | 1,332  | 0.4        | 1,364  | 0.4        | 2,587                           | 0.4        | 2,642  | 0.4        | 2,657  | 0.4        |
| Livingston     | 2,473                    | 0.7        | 2,588  | 0.8        | 2,646  | 0.8        | 5,100                           | 0.8        | 5,202  | 0.8        | 5,212  | 0.8        |
| Madison        | 3,075                    | 0.9        | 3,117  | 0.9        | 3,256  | 0.9        | 5,995                           | 0.9        | 6,018  | 0.9        | 6,068  | 0.9        |
| Monroe         | 15,418                   | 4.6        | 15,733 | 4.6        | 16,390 | 4.7        | 32,645                          | 5.0        | 32,989 | 5.0        | 33,513 | 5.0        |
| Montgomery     | 2,217                    | 0.7        | 2,293  | 0.7        | 2,344  | 0.7        | 4,243                           | 0.6        | 4,292  | 0.6        | 4,338  | 0.6        |
| Nassau         | 18,295                   | 5.4        | 18,279 | 5.4        | 18,310 | 5.3        | 36,687                          | 5.6        | 37,255 | 5.6        | 37,576 | 5.6        |
| Niagara        | 7,720                    | 2.3        | 7,743  | 2.3        | 7,840  | 2.3        | 14,898                          | 2.3        | 15,031 | 2.3        | 15,247 | 2.3        |
| Oneida         | 7,926                    | 2.4        | 7,882  | 2.3        | 7,931  | 2.3        | 14,374                          | 2.2        | 14,442 | 2.2        | 14,536 | 2.2        |
| Onondaga       | 11,352                   | 3.4        | 11,786 | 3.5        | 12,017 | 3.5        | 22,742                          | 3.5        | 23,217 | 3.5        | 23,603 | 3.5        |
| Ontario        | 3,776                    | 1.1        | 3,859  | 1.1        | 3,989  | 1.2        | 8,072                           | 1.2        | 8,187  | 1.2        | 8,239  | 1.2        |
| Orange         | 10,414                   | 3.1        | 10,167 | 3.0        | 10,214 | 3.0        | 19,558                          | 3.0        | 19,826 | 3.0        | 20,149 | 3.0        |
| Orleans        | 1,425                    | 0.4        | 1,465  | 0.4        | 1,522  | 0.4        | 3,468                           | 0.5        | 3,504  | 0.5        | 3,524  | 0.5        |
| Oswego         | 4,980                    | 1.5        | 5,017  | 1.5        | 5,144  | 1.5        | 10,182                          | 1.6        | 10,261 | 1.5        | 10,375 | 1.5        |
| Otsego         | 2,522                    | 0.7        | 2,497  | 0.7        | 2,580  | 0.7        | 4,908                           | 0.8        | 4,915  | 0.7        | 4,943  | 0.7        |
| Putnam         | 3,442                    | 1.0        | 3,405  | 1.0        | 3,392  | 1.0        | 6,011                           | 0.9        | 6,076  | 0.9        | 6,127  | 0.9        |
| Rensselaer     | 5,812                    | 1.7        | 5,857  | 1.7        | 5,985  | 1.7        | 10,959                          | 1.7        | 11,237 | 1.7        | 11,386 | 1.7        |
| Rockland       | 4,926                    | 1.5        | 4,822  | 1.4        | 4,735  | 1.4        | 9,564                           | 1.5        | 9,731  | 1.5        | 9,806  | 1.5        |
| St. Lawrence   | 4,177                    | 1.2        | 4,329  | 1.3        | 4,434  | 1.3        | 8,842                           | 1.4        | 8,958  | 1.3        | 8,991  | 1.3        |
| Saratoga       | 8,679                    | 2.6        | 8,844  | 2.6        | 8,942  | 2.6        | 16,615                          | 2.5        | 16,999 | 2.6        | 17,339 | 2.6        |
| Schenectady    | 4,790                    | 1.4        | 5,008  | 1.5        | 5,111  | 1.5        | 9,460                           | 1.4        | 9,638  | 1.4        | 9,734  | 1.4        |
| Schoharie      | 1,758                    | 0.5        | 1,817  | 0.5        | 1,767  | 0.5        | 3,335                           | 0.5        | 3,365  | 0.5        | 3,340  | 0.5        |
| Schuyler       | 1,023                    | 0.3        | 1,039  | 0.3        | 1,095  | 0.3        | 1,948                           | 0.3        | 1,973  | 0.3        | 1,998  | 0.3        |
| Seneca         | 1,287                    | 0.4        | 1,351  | 0.4        | 1,376  | 0.4        | 2,667                           | 0.4        | 2,723  | 0.4        | 2,760  | 0.4        |
| Steuben        | 4,038                    | 1.2        | 4,229  | 1.2        | 4,441  | 1.3        | 8,246                           | 1.3        | 8,373  | 1.3        | 8,508  | 1.3        |
| Suffolk        | 32,391                   | 9.6        | 31,735 | 9.3        | 31,941 | 9.2        | 55,000                          | 8.4        | 55,673 | 8.4        | 56,263 | 8.3        |
| Sullivan       | 2,894                    | 0.9        | 2,974  | 0.9        | 2,967  | 0.9        | 4,904                           | 0.8        | 4,957  | 0.7        | 5,010  | 0.7        |
| Tioga          | 2,000                    | 0.6        | 2,053  | 0.6        | 2,069  | 0.6        | 4,232                           | 0.6        | 4,302  | 0.6        | 4,311  | 0.6        |
| Tompkins       | 2,797                    | 0.8        | 2,902  | 0.9        | 2,984  | 0.9        | 5,453                           | 0.8        | 5,523  | 0.8        | 5,664  | 0.8        |

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| <b>TABLE 9 Motorcycle Registrations and License Endorsements by County: 2009-2011</b> |                                 |                   |                |                   |                |                   |  |                   |                |                   |                |                   |
|---|---------------------------------|-------------------|----------------|-------------------|----------------|-------------------|--|-------------------|----------------|-------------------|----------------|-------------------|
|   | <b>Motorcycle Registrations</b> |                   |                |                   |                |                   | <b>Motorcycle License Endorsements</b> |                   |                |                   |                |                   |
|   | <b>2009</b>                     |                   | <b>2010</b>    |                   | <b>2011</b>    |                   | <b>2009</b>                            |                   | <b>2010</b>    |                   | <b>2011</b>    |                   |
|   | <b>#</b>                        | <b>% of State</b> | <b>#</b>       | <b>% of State</b> | <b>#</b>       | <b>% of State</b> | <b>#</b>                               | <b>% of State</b> | <b>#</b>       | <b>% of State</b> | <b>#</b>       | <b>% of State</b> |
| <b>Upstate (Con't)</b>  |                                 |                   |                |                   |                |                   |  |                   |                |                   |                |                   |
| Ulster  | 6,974                           | 2.1               | 7,118          | 2.1               | 7,127          | 2.1               | 13,065                                 | 2.0               | 13,211         | 2.0               | 13,284         | 2.0               |
| Warren  | 2,861                           | 0.9               | 2,939          | 0.9               | 2,965          | 0.9               | 5,624                                  | 0.9               | 5,673          | 0.9               | 5,786          | 0.9               |
| Washington  | 3,129                           | 0.9               | 3,214          | 0.9               | 3,291          | 1.0               | 6,090                                  | 0.9               | 6,194          | 0.9               | 6,212          | 0.9               |
| Wayne   | 4,546                           | 1.4               | 4,641          | 1.4               | 4,745          | 1.4               | 8,722                                  | 1.3               | 8,789          | 1.3               | 8,897          | 1.3               |
| Westchester   | 13,419                          | 4.0               | 13,378         | 3.9               | 13,506         | 3.9               | 25,499                                 | 3.9               | 25,972         | 3.9               | 26,282         | 3.9               |
| Wyoming   | 1,856                           | 0.6               | 1,920          | 0.6               | 1,962          | 0.6               | 3,985                                  | 0.6               | 4,045          | 0.6               | 4,069          | 0.6               |
| Yates   | 1,006                           | 0.3               | 1,024          | 0.3               | 1,026          | 0.3               | 2,051                                  | 0.3               | 2,102          | 0.3               | 2,101          | 0.3               |
| <b>Total Upstate</b>  | <b>298,070</b>                  | <b>88.6</b>       | <b>301,377</b> | <b>88.6</b>       | <b>305,969</b> | <b>88.5</b>       | <b>576,177</b>                         | <b>88.2</b>       | <b>584,493</b> | <b>87.8</b>       | <b>590,554</b> | <b>87.5</b>       |
| <b>New York City</b>  |                                 |                   |                |                   |                |                   |  |                   |                |                   |                |                   |
| Bronx   | 3,692                           | 1.1               | 3,735          | 1.1               | 3,771          | 1.1               | 7,865                                  | 1.2               | 8,247          | 1.2               | 8,564          | 1.3               |
| Kings   | 8,502                           | 2.5               | 8,724          | 2.6               | 9,151          | 2.6               | 16,112                                 | 2.5               | 17,220         | 2.6               | 18,384         | 2.7               |
| New York  | 8,035                           | 2.4               | 8,124          | 2.4               | 8,308          | 2.4               | 18,457                                 | 2.8               | 19,234         | 2.9               | 19,768         | 2.9               |
| Queens  | 11,723                          | 3.5               | 11,931         | 3.5               | 12,294         | 3.6               | 22,245                                 | 3.4               | 23,415         | 3.5               | 24,555         | 3.6               |
| Richmond  | 5,552                           | 1.7               | 5,564          | 1.6               | 5,491          | 1.6               | 11,069                                 | 1.7               | 11,331         | 1.7               | 11,529         | 1.7               |
| <b>Total New York City</b>  | <b>37,504</b>                   | <b>11.1</b>       | <b>38,078</b>  | <b>11.2</b>       | <b>39,015</b>  | <b>11.3</b>       | <b>75,748</b>                          | <b>11.6</b>       | <b>79,447</b>  | <b>11.9</b>       | <b>82,800</b>  | <b>12.3</b>       |
| Unknown   | 785                             | 0.2               | 805            | 0.2               | 836            | 0.2               | 1,619                                  | 0.2               | 1,612          | 0.2               | 1,777          | 0.3               |
| <b>TOTAL STATE</b>  | <b>336,359</b>                  | <b>100.0</b>      | <b>340,260</b> | <b>100.0</b>      | <b>345,820</b> | <b>100.0</b>      | <b>653,544</b>                         | <b>100.0</b>      | <b>665,552</b> | <b>100.0</b>      | <b>675,131</b> | <b>100.0</b>      |

Source: NYSDMV driver license and vehicle registration files.

## **SECTION 5**

### **Ticket Data**

## NEW YORK STATE

### Tickets Issued and Conviction Rates for Select Violations

|  | 2009              | 2010              | 2011              |
|--|-------------------|-------------------|-------------------|
| <b>TOTAL TICKETS ISSUED UNDER TSLED &amp; ADMINISTRATIVE ADJUDICATION</b>  | <b>4,080,449</b>  | <b>4,026,542</b>  | <b>3,663,118</b>  |
| <b>SPEED (V&amp;T 1180)</b>  | <b>704,169</b>    | <b>709,885</b>    | <b>635,817</b>    |
| % of total tickets   | 17.3%             | 17.6%             | 17.4%             |
| % convicted on same charge (of adjudicated cases)  | 45.1%             | 44.5%             | 44.1%             |
| <b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>   | <b>409,206</b>    | <b>388,452</b>    | <b>306,586</b>    |
| % of total tickets   | 10.0%             | 9.6%              | 8.4%              |
| % convicted on same charge (of adjudicated cases)  | 82.7%             | 81.1%             | 81.0%             |
| <i>Tickets for Non-Restrained Children (Under Age 16)</i>  | 43,108            | 46,422            | 40,303            |
| <b>TOTAL TICKETS ISSUED UNDER TSLED ONLY</b>   | <b>2,600,264</b>  | <b>2,583,225</b>  | <b>2,376,815</b>  |
| <b>IMPAIRED DRIVING (V&amp;T 1192)</b>   | <b>81,917</b>     | <b>79,562</b>     | <b>73,138</b>     |
| % of total tickets   | 3.2%              | 3.1%              | 3.1%              |
| <b>TOTAL PERSONS ARRESTED FOR IMPAIRED DRIVING</b>   | <b>(N=60,375)</b> | <b>(N=57,247)</b> | <b>(N=52,877)</b> |
| <b>NON-TSLED AGENCIES</b>  | 12,684            | 11,300            | 10,776            |
| <b>TSLED AGENCIES (Suffolk County PD became TSLED in mid-2009)</b>   | 47,691            | 45,947            | 42,101            |
| <b>Cases adjudicated for TSLED agencies only*</b>  | <b>(N=42,258)</b> | <b>(N=40,202)</b> | <b>(N=36,600)</b> |
| Convicted on original 1192 charge  | 46.6%             | 45.4%             | 43.9%             |
| Convicted on other 1192 charge   | 44.8%             | 46.2%             | 47.6%             |
| Convicted on non-1192 charge   | 1.9%              | 1.7%              | 1.8%              |
| Dismissed/Acquitted/Convicted on charge associated with different event  | 6.7%              | 6.7%              | 6.7%              |
| * Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated. |                   |                   |                   |

Sources: NYS DMV TSLED and Administrative Adjudication Systems (speed, safety restraints, and impaired driving data), the NYPD (impaired driving data only) and the Suffolk County STOP-DWI program (impaired driving data only).

## NEW YORK STATE

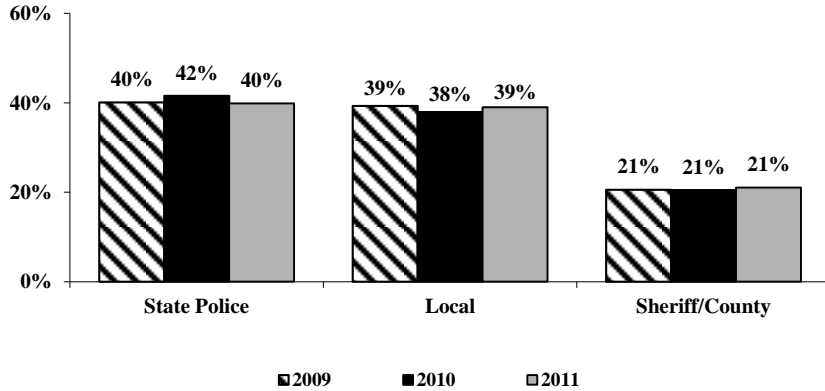
### Probation Data for V&T 1192 and 511 Convictions

|   | 2009   | 2010   | 2011   |
|---|--------|--------|--------|
| <b>Number of Persons Sentenced to Probation</b> | 9,695  | 10,632 | 9,563  |
| <b>Number of Persons on Probation</b>           | 29,233 | 29,511 | 29,677 |

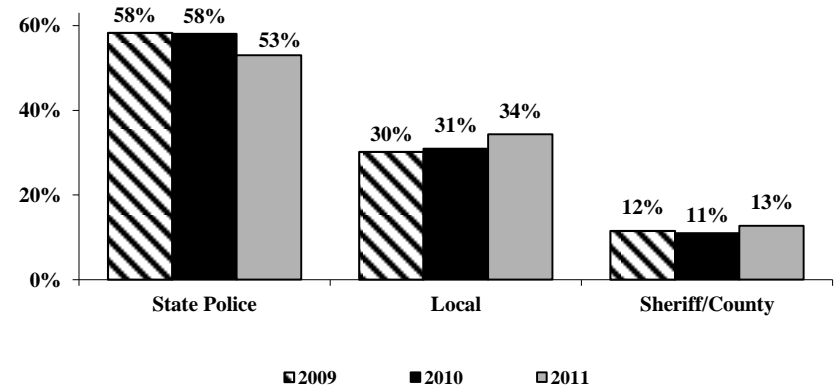
Source: NYS Division of Probation and Correctional Alternatives.

## New York State Tickets Issued by TSLED Agencies By Agency Type

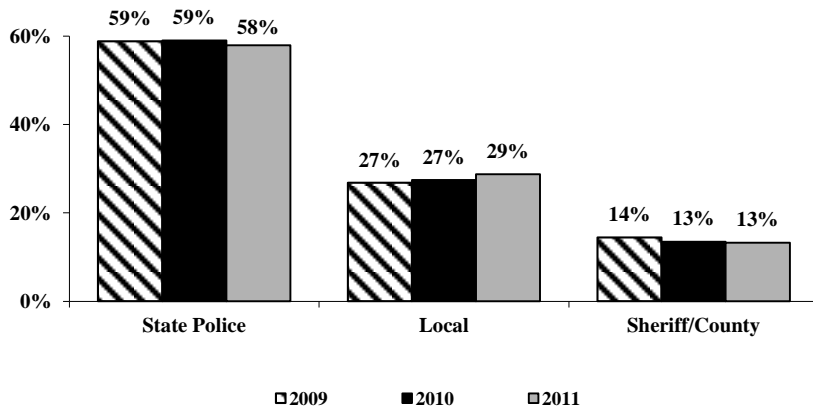
### All Tickets



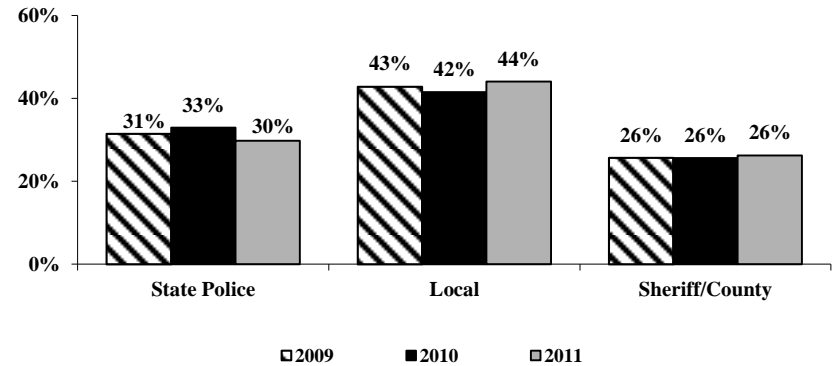
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



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