

New York State Department of Motor Vehicles
Summary of Bicycle/Motor Vehicle Crashes

2013

| TABLE 1 Bicycle/Motor Vehicle Crashes | | |
|--|--------------------|------------------------|
| Category Totals | All Crashes | Police Reported |
| Total Crashes | 6,328 | 6,097 |
| Fatal Crashes | 40 | 40 |
| Non-Fatal Personal Injury Crashes | 6,230 | 6,016 |
| Reportable Property Damage Crashes | 58 | 41 |
| Vehicles | 6,469 | 6,235 |
| Drivers Involved | 6,234 | 6,009 |
| Vehicle Occupants | 8,218 | 7,960 |
| Special Bicycle Crash Series | | |
| Bicycle/Pedestrian/Motor Vehicle Crashes | 8 | 8 |
| Bicycle/Motorcycle Crashes | 36 | 36 |
| Fatalities | | |
| Persons Killed (1) | 40 | 40 |
| Drivers Killed | 0 | 0 |
| Passengers Killed | 0 | 0 |
| Pedestrians Killed | 0 | 0 |
| Bicyclists Killed | 40 | 40 |
| Other | 0 | 0 |
| Non-Fatal Injuries | | |
| Persons Injured (1) | 6,272 | 6,054 |
| Drivers Injured | 87 | 86 |
| Passengers Injured | 36 | 35 |
| Pedestrians Injured | 9 | 9 |
| Bicyclists Injured | 6,140 | 5,924 |
| Other | 0 | 0 |
| (1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position. | | |

| TABLE 2(P) Severity of Crash | | |
|-------------------------------------|---------------|----------------|
| | Number | Percent |
| Total | 6,097 | 100.0 |
| Fatal (K) Crashes | 40 | 0.7 |
| Personal Injury Crashes | | |
| Serious (A) | 623 | 10.2 |
| Moderate (B) | 1,845 | 30.3 |
| Minor (C) | 3,282 | 53.8 |
| Unknown Severity | 266 | 4.4 |
| Property Damage (O) Crashes | 41 | 0.7 |

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 3 Day of Week/Time of Day | | | | | | | | | | |
|--|----------------------|--------------------|----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|
| Day of Week | Total Crashes | Time of Day | | | | | | | | |
| | | Mid-3am | 3am-6am | 6am-9am | 9am-Noon | Noon-3pm | 3pm-6pm | 6pm-9pm | 9pm-Mid | Unknown |
| Total | 6,328 | 215 | 113 | 458 | 781 | 1,106 | 1,500 | 1,419 | 697 | 39 |
| Sunday | | | | | | | | | | |
| Total | 735 | 57 | 31 | 25 | 81 | 150 | 158 | 161 | 68 | 4 |
| Fatal | 5 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Personal Injury | 723 | 56 | 29 | 25 | 81 | 148 | 154 | 159 | 68 | 3 |
| Property Damage | 7 | 0 | 0 | 0 | 0 | 2 | 4 | 0 | 0 | 1 |
| Monday | | | | | | | | | | |
| Total | 879 | 25 | 14 | 57 | 114 | 152 | 222 | 199 | 91 | 5 |
| Fatal | 8 | 0 | 0 | 0 | 1 | 3 | 1 | 2 | 1 | 0 |
| Personal Injury | 862 | 25 | 14 | 57 | 113 | 148 | 216 | 196 | 89 | 4 |
| Property Damage | 9 | 0 | 0 | 0 | 0 | 1 | 5 | 1 | 1 | 1 |
| Tuesday | | | | | | | | | | |
| Total | 965 | 18 | 10 | 91 | 118 | 167 | 245 | 227 | 81 | 8 |
| Fatal | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 2 | 0 |
| Personal Injury | 946 | 18 | 10 | 86 | 117 | 165 | 241 | 225 | 78 | 6 |
| Property Damage | 14 | 0 | 0 | 5 | 0 | 1 | 4 | 1 | 1 | 2 |
| Wednesday | | | | | | | | | | |
| Total | 1,004 | 20 | 10 | 93 | 120 | 144 | 254 | 247 | 112 | 4 |
| Fatal | 7 | 0 | 0 | 3 | 0 | 0 | 1 | 2 | 1 | 0 |
| Personal Injury | 989 | 20 | 10 | 90 | 119 | 142 | 250 | 243 | 111 | 4 |
| Property Damage | 8 | 0 | 0 | 0 | 1 | 2 | 3 | 2 | 0 | 0 |
| Thursday | | | | | | | | | | |
| Total | 937 | 16 | 12 | 72 | 105 | 160 | 223 | 221 | 122 | 6 |
| Fatal | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 |
| Personal Injury | 925 | 16 | 12 | 72 | 105 | 158 | 218 | 217 | 121 | 6 |
| Property Damage | 7 | 0 | 0 | 0 | 0 | 2 | 4 | 1 | 0 | 0 |
| Friday | | | | | | | | | | |
| Total | 1,014 | 37 | 18 | 80 | 136 | 182 | 238 | 192 | 124 | 7 |
| Fatal | 6 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 0 | 0 |
| Personal Injury | 1,000 | 37 | 17 | 80 | 135 | 182 | 233 | 189 | 121 | 6 |
| Property Damage | 8 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 1 |
| Saturday | | | | | | | | | | |
| Total | 794 | 42 | 18 | 40 | 107 | 151 | 160 | 172 | 99 | 5 |
| Fatal | 4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 1 | 0 |
| Personal Injury | 785 | 42 | 17 | 40 | 107 | 148 | 159 | 172 | 95 | 5 |
| Property Damage | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 |

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| TABLE 4(P) Police Investigating Agency | | | | | |
|---|----------------------|----------------|--------------------------------|------------------------|------------------------|
| | Total Crashes | | Severity Class of Crash | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total | 6,097 | 100.0 | 40 | 6,016 | 41 |
| State Police | 122 | 2.0 | 4 | 116 | 2 |
| County Police | 702 | 11.5 | 12 | 687 | 3 |
| New York City Police (NYPD) | 3,739 | 61.3 | 9 | 3,726 | 4 |
| Municipal Police (non-NYC) | 1,534 | 25.2 | 15 | 1,487 | 32 |
| Unknown | 0 | 0.0 | 0 | 0 | 0 |

| TABLE 5 Jurisdictional Road System | | | | | |
|---|---|----------------|--------------------------------|------------------------|------------------------|
| | Total Crashes | | Severity Class of Crash | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total | | | | | |
| State Routes | Data for this table are not available at this time. | | | | |
| County Routes | | | | | |
| Town Routes | | | | | |
| Municipal Streets | | | | | |
| Parkways | | | | | |
| Thruway | | | | | |
| Other Interstates | | | | | |
| Unknown | | | | | |

| TABLE 6 Manner of Collision | | | | | |
|------------------------------------|----------------------|----------------|--------------------------------|------------------------|------------------------|
| | Total Crashes | | Severity Class of Crash | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total | 6,328 | 100.0 | 40 | 6,230 | 58 |
| Single Vehicle Crashes | 6,204 | 98.0 | 37 | 6,111 | 56 |
| Two Vehicle Crashes | 115 | 1.8 | 2 | 111 | 2 |
| 3 or More Vehicle Crashes | 9 | 0.1 | 1 | 8 | 0 |

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| TABLE 7(P) Crash Contributing Factors | | | | | |
|--|---------------|--------------|-------------------------|-----------------|-----------------|
| | Total Crashes | | Severity Class of Crash | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total Crashes | 6,097 | 100.0 | 40 | 6,016 | 41 |
| Crashes With No Factor Reported | 1,099 | 18.0 | 3 | 1,095 | 1 |
| Crashes With One or More Factors Reported | 4,998 | 82.0 | 37 | 4,921 | 40 |
| Crashes With Human Factors | 4,788 | 78.5 | 36 | 4,714 | 38 |
| Aggressive Driving/Road Rage | 33 | 0.5 | 0 | 33 | 0 |
| Alcohol Involvement | 120 | 2.0 | 6 | 114 | 0 |
| Backing Unsafely | 46 | 0.8 | 0 | 46 | 0 |
| Cell Phone (hand held) | 11 | 0.2 | 0 | 11 | 0 |
| Cell Phone (hands free) | 3 | <0.1 | 0 | 3 | 0 |
| Driver Inattention/Distraction | 1,390 | 22.8 | 8 | 1,378 | 4 |
| Driver Inexperience | 107 | 1.8 | 0 | 106 | 1 |
| Drugs (Illegal) | 4 | 0.1 | 1 | 3 | 0 |
| Eating or Drinking* | 2 | <0.1 | 0 | 2 | 0 |
| Failure to Keep Right | 57 | 0.9 | 2 | 53 | 2 |
| Failure to Yield R.O.W. | 1,476 | 24.2 | 12 | 1,450 | 14 |
| Fatigued/Drowsy | 3 | <0.1 | 0 | 3 | 0 |
| Fell Asleep | 4 | 0.1 | 0 | 4 | 0 |
| Following too Closely | 152 | 2.5 | 0 | 152 | 0 |
| Illness | 5 | 0.1 | 0 | 5 | 0 |
| Listening/Using Headphones* | 15 | 0.2 | 1 | 14 | 0 |
| Lost Consciousness | 4 | 0.1 | 0 | 4 | 0 |
| Other Electronic Device | 7 | 0.1 | 0 | 7 | 0 |
| Outside Car Distraction | 22 | 0.4 | 0 | 22 | 0 |
| Passenger Distraction | 60 | 1.0 | 0 | 60 | 0 |
| Passing or Lane Usage Improper | 376 | 6.2 | 3 | 366 | 7 |
| Passing too Closely* | 91 | 1.5 | 0 | 91 | 0 |
| Pedestrian/Bicyclist/Other Ped Error/Confusion | 1,661 | 27.2 | 15 | 1,629 | 17 |
| Physical Disability | 4 | 0.1 | 0 | 4 | 0 |
| Prescription Medication | 2 | <0.1 | 0 | 2 | 0 |
| Reaction to Other Uninvolved Vehicle | 63 | 1.0 | 0 | 63 | 0 |
| Texting* | 1 | <0.1 | 0 | 1 | 0 |
| Traffic Control Disregarded | 501 | 8.2 | 5 | 491 | 5 |
| Turning Improperly | 222 | 3.6 | 1 | 221 | 0 |
| Unsafe Lane Changing | 91 | 1.5 | 1 | 89 | 1 |
| Unsafe Speed | 159 | 2.6 | 0 | 158 | 1 |
| Using On Board Navigation Device* | 0 | 0.0 | 0 | 0 | 0 |
| Other Human | 2 | <0.1 | 0 | 2 | 0 |
| Crashes With Vehicular Factors | 239 | 3.9 | 4 | 231 | 4 |
| Accelerator Defective | 0 | 0.0 | 0 | 0 | 0 |
| Brakes Defective | 55 | 0.9 | 0 | 51 | 4 |
| Driverless/Runaway Vehicle | 0 | 0.0 | 0 | 0 | 0 |
| Headlights Defective | 7 | 0.1 | 0 | 7 | 0 |
| Other Lighting Defects | 16 | 0.3 | 2 | 14 | 0 |
| Oversized Vehicle | 12 | 0.2 | 0 | 12 | 0 |
| Steering Failure | 1 | <0.1 | 0 | 1 | 0 |
| Tinted Windows* | 1 | <0.1 | 0 | 1 | 0 |
| Tire Failure/Inadequate | 1 | <0.1 | 0 | 1 | 0 |
| Tow Hitch Defective | 0 | 0.0 | 0 | 0 | 0 |
| Windshield Inadequate | 0 | 0.0 | 0 | 0 | 0 |
| Other Vehicular | 147 | 2.4 | 2 | 145 | 0 |
| Crashes With Environmental Factors | 313 | 5.1 | 5 | 305 | 3 |
| Animal's Action | 2 | <0.1 | 0 | 2 | 0 |
| Glare | 69 | 1.1 | 2 | 67 | 0 |
| Lane Marking Improper/Inadequate | 4 | 0.1 | 0 | 4 | 0 |
| Obstruction/Debris | 22 | 0.4 | 0 | 21 | 1 |
| Pavement Defective | 7 | 0.1 | 0 | 7 | 0 |
| Pavement Slippery | 36 | 0.6 | 0 | 36 | 0 |
| Shoulders Defective/Improper | 6 | 0.1 | 0 | 6 | 0 |
| Traffic Control Device Improper/Non-Working | 1 | <0.1 | 0 | 1 | 0 |
| View Obstructed/Limited | 177 | 2.9 | 3 | 172 | 2 |
| Other Environmental | 0 | 0.0 | 0 | 0 | 0 |

* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

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| TABLE 8 Driver Age and Gender | | | | | |
|--------------------------------------|----------------------|----------------|-------------------------------------|------------------------|------------------------|
| | Total Drivers | | Drivers by Severity of Crash | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total Drivers | 6,234 | 100.0 | 44 | 6,131 | 59 |
| Male | 3,722 | 59.7 | 28 | 3,659 | 35 |
| Under 16 | 1 | <0.1 | 0 | 1 | 0 |
| 16 - 17 | 26 | 0.4 | 0 | 25 | 1 |
| 18 - 20 | 125 | 2.0 | 0 | 124 | 1 |
| 21 - 24 | 229 | 3.7 | 3 | 225 | 1 |
| 25 - 29 | 354 | 5.7 | 5 | 346 | 3 |
| 30 - 34 | 377 | 6.0 | 1 | 368 | 8 |
| 35 - 39 | 327 | 5.2 | 3 | 323 | 1 |
| 40 - 44 | 352 | 5.6 | 2 | 348 | 2 |
| 45 - 49 | 441 | 7.1 | 6 | 431 | 4 |
| 50 - 54 | 372 | 6.0 | 2 | 368 | 2 |
| 55 - 59 | 389 | 6.2 | 3 | 380 | 6 |
| 60 - 64 | 299 | 4.8 | 1 | 297 | 1 |
| 65 - 69 | 182 | 2.9 | 2 | 179 | 1 |
| 70 - 74 | 110 | 1.8 | 0 | 108 | 2 |
| 75 - 79 | 69 | 1.1 | 0 | 67 | 2 |
| 80 and Over | 56 | 0.9 | 0 | 56 | 0 |
| Unknown Age | 13 | 0.2 | 0 | 13 | 0 |
| Female | 1,575 | 25.3 | 16 | 1,536 | 23 |
| Under 16 | 0 | 0.0 | 0 | 0 | 0 |
| 16 - 17 | 22 | 0.4 | 1 | 21 | 0 |
| 18 - 20 | 51 | 0.8 | 0 | 50 | 1 |
| 21 - 24 | 127 | 2.0 | 0 | 126 | 1 |
| 25 - 29 | 154 | 2.5 | 0 | 153 | 1 |
| 30 - 34 | 160 | 2.6 | 0 | 158 | 2 |
| 35 - 39 | 147 | 2.4 | 3 | 143 | 1 |
| 40 - 44 | 152 | 2.4 | 3 | 149 | 0 |
| 45 - 49 | 165 | 2.6 | 1 | 161 | 3 |
| 50 - 54 | 162 | 2.6 | 2 | 154 | 6 |
| 55 - 59 | 142 | 2.3 | 2 | 138 | 2 |
| 60 - 64 | 90 | 1.4 | 1 | 88 | 1 |
| 65 - 69 | 82 | 1.3 | 0 | 80 | 2 |
| 70 - 74 | 41 | 0.7 | 3 | 36 | 2 |
| 75 - 79 | 38 | 0.6 | 0 | 37 | 1 |
| 80 and Over | 39 | 0.6 | 0 | 39 | 0 |
| Unknown Age | 3 | <0.1 | 0 | 3 | 0 |
| Unknown Gender | 937 | 15.0 | 0 | 936 | 1 |

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| Age Group | Total Bicyclists | | Bicyclists | |
|--------------|------------------|--------------|------------|--------------|
| | Number | Percent | Killed | Injured |
| Total | 6,180 | 100.0 | 40 | 6,140 |
| Under 5 | 10 | 0.2 | 0 | 10 |
| 5 - 9 | 146 | 2.4 | 1 | 145 |
| 10 - 13 | 335 | 5.4 | 4 | 331 |
| 14 - 17 | 572 | 9.3 | 3 | 569 |
| 18 - 20 | 521 | 8.4 | 4 | 517 |
| 21 - 24 | 749 | 12.1 | 2 | 747 |
| 25 - 29 | 747 | 12.1 | 1 | 746 |
| 30 - 34 | 545 | 8.8 | 1 | 544 |
| 35 - 39 | 390 | 6.3 | 1 | 389 |
| 40 - 44 | 327 | 5.3 | 0 | 327 |
| 45 - 49 | 364 | 5.9 | 5 | 359 |
| 50 - 54 | 355 | 5.7 | 3 | 352 |
| 55 - 59 | 272 | 4.4 | 3 | 269 |
| 60 - 64 | 169 | 2.7 | 4 | 165 |
| 65 - 69 | 80 | 1.3 | 3 | 77 |
| 70 - 74 | 41 | 0.7 | 3 | 38 |
| 75 - 79 | 20 | 0.3 | 0 | 20 |
| 80 and Over | 22 | 0.4 | 1 | 21 |
| Unknown Age | 515 | 8.3 | 1 | 514 |

| | Total Bicyclists | | Bicyclists by Severity of Injury | | | | | |
|-------------------|------------------|--------------|----------------------------------|-------------|--------------|--------------|------------|---------------|
| | Number | Percent | Killed (K) | Serious (A) | Moderate (B) | Minor (C) | Unk Injury | Uninjured (O) |
| Bicyclists | 6,170 | 100.0 | 40 | 620 | 1,842 | 3,310 | 152 | 206 |
| No Helmet Used | 2,623 | 42.5 | 30 | 309 | 826 | 1,366 | 30 | 62 |
| Helmet Used | 1,110 | 18.0 | 3 | 112 | 378 | 560 | 33 | 24 |
| Unknown | 2,437 | 39.5 | 7 | 199 | 638 | 1,384 | 89 | 120 |