

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

2002

| TABLE 1(P) Alcohol-Related (A-R) Accidents | |
|---|------------------------|
| Category Totals | Police Reported |
| Total Accidents | 6,436 |
| Fatal Accidents | 321 |
| Non-Fatal Personal Injury Accidents | 5,885 |
| Reportable Property Damage Accidents | 230 |
| Vehicles | 10,399 |
| Drivers Involved | 9,243 |
| <i>Drinking Drivers</i> | 6,146 |
| <i>Non-Drinking Drivers</i> | 3,097 |
| Vehicle Occupants | 13,997 |
| Special A-R Accident Series | |
| A-R Pedestrian/Motor Vehicle Accidents | 413 |
| A-R Bicycle/Motor Vehicle Accidents | 115 |
| A-R Motorcycle Accidents | 158 |
| Fatalities | |
| Persons Killed (1) | 363 |
| Drivers Killed | 209 |
| Passengers Killed | 89 |
| Pedestrians Killed | 61 |
| Bicyclists Killed | 4 |
| Other | 0 |
| Non-Fatal Injuries | |
| Persons Injured (1) | 8,910 |
| Drivers Injured | 5,668 |
| Passengers Injured | 2,712 |
| Pedestrians Injured | 363 |
| Bicyclists Injured | 111 |
| Other | 56 |
| (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 Accident | | |
|--|---------------|----------------|
| | Number | Percent |
| Total | 6,436 | 100.0 |
| Fatal (K) Accidents | 321 | 5.0 |
| Personal Injury Accidents | | |
| Serious (A) | 1,309 | 20.3 |
| Moderate (B) | 1,829 | 28.4 |
| Minor (C) | 2,599 | 40.4 |
| Unknown Severity | 148 | 2.3 |
| Property Damage (O) Accidents | 230 | 3.6 |

General Notes

- * All tables are based on information received only from police reports.
- * The Property Damage Accident 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(P) Day of Week/Time of Day | | | | | | | | | | |
|---|----------------------------|--------------------|----------------|----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|
| Day of Week | Total Accidents | Time of Day | | | | | | | | |
| | | Mid-3am | 3am-6am | 6am-9am | 9am-Noon | Noon-3pm | 3pm-6pm | 6pm-9pm | 9pm-Mid | Unknown |
| Total | 6,436 | 1,310 | 856 | 278 | 163 | 256 | 673 | 1,121 | 1,395 | 384 |
| Sunday | | | | | | | | | | |
| Total | 1,268 | 338 | 265 | 69 | 25 | 36 | 85 | 182 | 181 | 87 |
| Fatal | 66 | 16 | 22 | 3 | 3 | 4 | 6 | 6 | 2 | 4 |
| Personal Injury | 1,169 | 313 | 236 | 66 | 21 | 31 | 78 | 170 | 175 | 79 |
| Property Damage | 33 | 9 | 7 | 0 | 1 | 1 | 1 | 6 | 4 | 4 |
| Monday | | | | | | | | | | |
| Total | 650 | 116 | 52 | 30 | 21 | 31 | 104 | 120 | 137 | 39 |
| Fatal | 41 | 8 | 2 | 2 | 2 | 2 | 6 | 5 | 12 | 2 |
| Personal Injury | 588 | 106 | 47 | 27 | 17 | 27 | 93 | 112 | 122 | 37 |
| Property Damage | 21 | 2 | 3 | 1 | 2 | 2 | 5 | 3 | 3 | 0 |
| Tuesday | | | | | | | | | | |
| Total | 621 | 112 | 60 | 24 | 20 | 26 | 83 | 124 | 151 | 21 |
| Fatal | 36 | 3 | 9 | 3 | 1 | 1 | 6 | 5 | 7 | 1 |
| Personal Injury | 562 | 107 | 49 | 19 | 18 | 23 | 70 | 116 | 142 | 18 |
| Property Damage | 23 | 2 | 2 | 2 | 1 | 2 | 7 | 3 | 2 | 2 |
| Wednesday | | | | | | | | | | |
| Total | 593 | 110 | 45 | 23 | 9 | 17 | 66 | 143 | 148 | 32 |
| Fatal | 34 | 4 | 2 | 1 | 1 | 1 | 2 | 12 | 10 | 1 |
| Personal Injury | 530 | 103 | 43 | 19 | 8 | 15 | 59 | 124 | 130 | 29 |
| Property Damage | 29 | 3 | 0 | 3 | 0 | 1 | 5 | 7 | 8 | 2 |
| Thursday | | | | | | | | | | |
| Total | 731 | 129 | 61 | 26 | 19 | 32 | 85 | 152 | 189 | 38 |
| Fatal | 34 | 8 | 2 | 2 | 2 | 0 | 7 | 5 | 5 | 3 |
| Personal Injury | 665 | 116 | 59 | 21 | 16 | 31 | 75 | 139 | 173 | 35 |
| Property Damage | 32 | 5 | 0 | 3 | 1 | 1 | 3 | 8 | 11 | 0 |
| Friday | | | | | | | | | | |
| Total | 1,033 | 161 | 98 | 30 | 24 | 40 | 112 | 203 | 306 | 59 |
| Fatal | 45 | 4 | 3 | 2 | 3 | 2 | 7 | 9 | 14 | 1 |
| Personal Injury | 947 | 151 | 94 | 27 | 21 | 34 | 101 | 182 | 280 | 57 |
| Property Damage | 41 | 6 | 1 | 1 | 0 | 4 | 4 | 12 | 12 | 1 |
| Saturday | | | | | | | | | | |
| Total | 1,540 | 344 | 275 | 76 | 45 | 74 | 138 | 197 | 283 | 108 |
| Fatal | 65 | 14 | 21 | 2 | 2 | 3 | 4 | 3 | 12 | 4 |
| Personal Injury | 1,424 | 323 | 245 | 72 | 40 | 69 | 128 | 182 | 265 | 100 |
| Property Damage | 51 | 7 | 9 | 2 | 3 | 2 | 6 | 12 | 6 | 4 |

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| TABLE 4(P) Police Investigating Agency | | | | | |
|---|------------------------|----------------|-----------------------------------|------------------------|------------------------|
| | Total Accidents | | Severity Class of Accident | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total | 6,436 | 100.0 | 321 | 5,885 | 230 |
| State Police | 1,506 | 23.4 | 90 | 1,352 | 64 |
| County Police | 1,902 | 29.6 | 129 | 1,706 | 67 |
| New York City Police (NYPD) | 985 | 15.3 | 24 | 933 | 28 |
| Municipal Police (non-NYC) | 2,042 | 31.7 | 78 | 1,893 | 71 |
| Other | 1 | <0.1 | 0 | 1 | 0 |
| Unknown | 0 | 0.0 | 0 | 0 | 0 |

| TABLE 5(P) Jurisdictional Road System | | | | | |
|--|------------------------|----------------|-----------------------------------|------------------------|------------------------|
| | Total Accidents | | Severity Class of Accident | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total | 6,436 | 100.0 | 321 | 5,885 | 230 |
| State Routes | 1,814 | 28.2 | 119 | 1,623 | 72 |
| County Routes | 648 | 10.1 | 44 | 589 | 15 |
| Town Routes | 1,491 | 23.2 | 69 | 1,368 | 54 |
| Municipal Streets | 1,894 | 29.4 | 54 | 1,775 | 65 |
| Parkways | 235 | 3.7 | 18 | 210 | 7 |
| Thruway | 82 | 1.3 | 6 | 74 | 2 |
| Other Interstates | 232 | 3.6 | 10 | 211 | 11 |
| Unknown | 40 | 0.6 | 1 | 35 | 4 |

| TABLE 6(P) Manner of Collision | | | | | |
|---------------------------------------|------------------------|----------------|-----------------------------------|------------------------|------------------------|
| | Total Accidents | | Severity Class of Accident | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total | 6,436 | 100.0 | 321 | 5,885 | 230 |
| Single Vehicle Accidents | 3,323 | 51.6 | 219 | 3,041 | 63 |
| Two Vehicle Accidents | 2,506 | 38.9 | 84 | 2,281 | 141 |
| 3 or More Vehicle Accidents | 607 | 9.4 | 18 | 563 | 26 |

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| TABLE 7(P) Accident Contributing Factors | | | | | |
|---|-----------------|--------------|----------------------------|-----------------|-----------------|
| | Total Accidents | | Severity Class of Accident | | |
| | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total Accidents | 6,436 | 100.0 | 321 | 5,885 | 230 |
| Accidents With No Factor Reported | 62 | 1.0 | 25 | 35 | 2 |
| Accidents With One or More Factors Reported | 6,374 | 99.0 | 296 | 5,850 | 228 |
| Accidents With Human Factors | 6,366 | 98.9 | 292 | 5,846 | 228 |
| Aggressive Driving/Road Rage* | 62 | 1.0 | 2 | 58 | 2 |
| Alcohol Involvement | 6,048 | 94.0 | 219 | 5,618 | 211 |
| Backing Unsafely | 50 | 0.8 | 0 | 46 | 4 |
| Cell Phone (hand held)* | 11 | 0.2 | 0 | 10 | 1 |
| Cell Phone (hands free)* | 0 | 0.0 | 0 | 0 | 0 |
| Driver Inattention/Distracted | 439 | 6.8 | 17 | 411 | 11 |
| Driver Inexperience | 48 | 0.7 | 0 | 47 | 1 |
| Drugs (Illegal) | 154 | 2.4 | 4 | 143 | 7 |
| Failure to Keep Right | 329 | 5.1 | 16 | 302 | 11 |
| Failure to Yield R.O.W. | 394 | 6.1 | 8 | 373 | 13 |
| Fatigued/Drowsy | 41 | 0.6 | 0 | 36 | 5 |
| Fell Asleep | 154 | 2.4 | 5 | 143 | 6 |
| Following Too Closely | 378 | 5.9 | 3 | 353 | 22 |
| Illness | 6 | 0.1 | 0 | 6 | 0 |
| Lost Consciousness | 23 | 0.4 | 0 | 21 | 2 |
| Other Electronic Device* | 1 | <0.1 | 0 | 1 | 0 |
| Outside Car Distraction* | 5 | 0.1 | 1 | 4 | 0 |
| Passenger Distraction* | 33 | 0.5 | 1 | 29 | 3 |
| Passing or Lane Usage Improper | 360 | 5.6 | 25 | 316 | 19 |
| Pedestrian/Bicyclist/Other Ped Error/Confusion | 144 | 2.2 | 25 | 119 | 0 |
| Physical Disability | 5 | 0.1 | 0 | 5 | 0 |
| Prescription Medication | 50 | 0.8 | 1 | 42 | 7 |
| Reaction to Other Uninvolved Vehicle* | 33 | 0.5 | 0 | 31 | 2 |
| Traffic Control Disregarded | 283 | 4.4 | 14 | 262 | 7 |
| Turning Improperly | 103 | 1.6 | 3 | 94 | 6 |
| Unsafe Lane Changing | 151 | 2.3 | 9 | 136 | 6 |
| Unsafe Speed | 1,536 | 23.9 | 129 | 1,382 | 25 |
| Other Human | 86 | 1.3 | 10 | 73 | 3 |
| Accidents With Vehicular Factors | 113 | 1.8 | 11 | 98 | 4 |
| Accelerator Defective | 1 | <0.1 | 0 | 1 | 0 |
| Brakes Defective | 16 | 0.2 | 1 | 15 | 0 |
| Driverless/Runaway Vehicle | 6 | 0.1 | 1 | 5 | 0 |
| Headlights Defective | 6 | 0.1 | 2 | 4 | 0 |
| Other Lighting Defects | 2 | <0.1 | 0 | 2 | 0 |
| Oversized Vehicle | 0 | 0.0 | 0 | 0 | 0 |
| Steering Failure | 4 | 0.1 | 1 | 3 | 0 |
| Tire Failure/Inadequate | 12 | 0.2 | 3 | 9 | 0 |
| Tow Hitch Defective | 0 | 0.0 | 0 | 0 | 0 |
| Windshield Inadequate | 0 | 0.0 | 0 | 0 | 0 |
| Other Vehicular | 70 | 1.1 | 4 | 62 | 4 |
| Accidents With Environmental Factors | 245 | 3.8 | 17 | 219 | 9 |
| Animal's Action | 92 | 1.4 | 1 | 91 | 0 |
| Glare | 7 | 0.1 | 1 | 6 | 0 |
| Lane Marking Improper/Inadequate | 0 | 0.0 | 0 | 0 | 0 |
| Obstruction/Debris | 8 | 0.1 | 0 | 8 | 0 |
| Pavement Defective | 2 | <0.1 | 0 | 2 | 0 |
| Pavement Slippery | 107 | 1.7 | 9 | 91 | 7 |
| Shoulders Defective/Improper | 1 | <0.1 | 0 | 1 | 0 |
| Traffic Control Device Improper/Non-Working | 1 | <0.1 | 0 | 0 | 1 |
| View Obstructed/Limited | 21 | 0.3 | 5 | 15 | 1 |
| Other Environmental | 8 | 0.1 | 1 | 7 | 0 |

* New Category as of July 2001.

Note: Many accidents have multiple factors reported.

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| TABLE 8(P) Driver Age and Gender | | | | | | | | | |
|---|----------------------|----------------|-----------------------------|----------------|---|----------------|--------------|------------------------|------------------------|
| | Total Drivers | | Non-Drinking Drivers | | Drinking Drivers by Severity of Accident | | | | |
| | Number | Percent | Number | Percent | Number | Percent | Fatal | Personal Injury | Property Damage |
| Total Drivers | 9,243 | 100.0 | 3,097 | 100.0 | 6,146 | 100.0 | 286 | 5,634 | 226 |
| Male | 7,002 | 75.8 | 2,006 | 64.8 | 4,996 | 81.3 | 247 | 4,578 | 171 |
| Under 16 | 4 | <0.1 | 1 | <0.1 | 3 | <0.1 | 1 | 2 | 0 |
| 16 - 17 | 134 | 1.4 | 42 | 1.4 | 92 | 1.5 | 4 | 87 | 1 |
| 18 - 20 | 591 | 6.4 | 146 | 4.7 | 445 | 7.2 | 26 | 395 | 24 |
| 21 - 24 | 1,078 | 11.7 | 200 | 6.5 | 878 | 14.3 | 51 | 803 | 24 |
| 25 - 29 | 926 | 10.0 | 234 | 7.6 | 692 | 11.3 | 32 | 646 | 14 |
| 30 - 34 | 888 | 9.6 | 247 | 8.0 | 641 | 10.4 | 31 | 589 | 21 |
| 35 - 39 | 877 | 9.5 | 262 | 8.5 | 615 | 10.0 | 32 | 565 | 18 |
| 40 - 44 | 848 | 9.2 | 259 | 8.4 | 589 | 9.6 | 30 | 540 | 19 |
| 45 - 49 | 566 | 6.1 | 171 | 5.5 | 395 | 6.4 | 16 | 367 | 12 |
| 50 - 54 | 427 | 4.6 | 139 | 4.5 | 288 | 4.7 | 7 | 267 | 14 |
| 55 - 59 | 285 | 3.1 | 120 | 3.9 | 165 | 2.7 | 3 | 151 | 11 |
| 60 - 64 | 160 | 1.7 | 70 | 2.3 | 90 | 1.5 | 5 | 78 | 7 |
| 65 - 69 | 88 | 1.0 | 36 | 1.2 | 52 | 0.8 | 5 | 45 | 2 |
| 70 - 74 | 36 | 0.4 | 19 | 0.6 | 17 | 0.3 | 0 | 15 | 2 |
| 75 - 79 | 46 | 0.5 | 25 | 0.8 | 21 | 0.3 | 3 | 18 | 0 |
| 80 and Over | 32 | 0.3 | 21 | 0.7 | 11 | 0.2 | 1 | 8 | 2 |
| Unknown Age | 16 | 0.2 | 14 | 0.5 | 2 | <0.1 | 0 | 2 | 0 |
| Female | 2,240 | 24.2 | 1,090 | 35.2 | 1,150 | 18.7 | 39 | 1,056 | 55 |
| Under 16 | 1 | <0.1 | 1 | <0.1 | 0 | 0.0 | 0 | 0 | 0 |
| 16 - 17 | 67 | 0.7 | 43 | 1.4 | 24 | 0.4 | 2 | 21 | 1 |
| 18 - 20 | 203 | 2.2 | 112 | 3.6 | 91 | 1.5 | 1 | 86 | 4 |
| 21 - 24 | 299 | 3.2 | 129 | 4.2 | 170 | 2.8 | 10 | 151 | 9 |
| 25 - 29 | 258 | 2.8 | 126 | 4.1 | 132 | 2.1 | 2 | 123 | 7 |
| 30 - 34 | 255 | 2.8 | 117 | 3.8 | 138 | 2.2 | 4 | 132 | 2 |
| 35 - 39 | 305 | 3.3 | 143 | 4.6 | 162 | 2.6 | 2 | 150 | 10 |
| 40 - 44 | 326 | 3.5 | 132 | 4.3 | 194 | 3.2 | 7 | 179 | 8 |
| 45 - 49 | 217 | 2.3 | 97 | 3.1 | 120 | 2.0 | 4 | 110 | 6 |
| 50 - 54 | 106 | 1.1 | 53 | 1.7 | 53 | 0.9 | 3 | 46 | 4 |
| 55 - 59 | 85 | 0.9 | 50 | 1.6 | 35 | 0.6 | 2 | 31 | 2 |
| 60 - 64 | 46 | 0.5 | 31 | 1.0 | 15 | 0.2 | 1 | 13 | 1 |
| 65 - 69 | 27 | 0.3 | 24 | 0.8 | 3 | <0.1 | 0 | 2 | 1 |
| 70 - 74 | 20 | 0.2 | 15 | 0.5 | 5 | 0.1 | 0 | 5 | 0 |
| 75 - 79 | 10 | 0.1 | 8 | 0.3 | 2 | <0.1 | 0 | 2 | 0 |
| 80 and Over | 11 | 0.1 | 6 | 0.2 | 5 | 0.1 | 1 | 4 | 0 |
| Unknown Age | 4 | <0.1 | 3 | 0.1 | 1 | <0.1 | 0 | 1 | 0 |
| Unknown Gender | 1 | <0.1 | 1 | <0.1 | 0 | 0.0 | 0 | 0 | 0 |

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| Age Group | Total Persons | | Persons Killed | Persons Injured |
|--------------|---------------|--------------|----------------|-----------------|
| | Number | Percent | | |
| Total | 9,273 | 100.0 | 363 | 8,910 |
| Under 5 | 73 | 0.8 | 1 | 72 |
| 5 - 9 | 111 | 1.2 | 2 | 109 |
| 10 - 13 | 108 | 1.2 | 1 | 107 |
| 14 - 17 | 473 | 5.1 | 15 | 458 |
| 18 - 20 | 984 | 10.6 | 32 | 952 |
| 21 - 24 | 1,494 | 16.1 | 63 | 1,431 |
| 25 - 29 | 1,155 | 12.5 | 35 | 1,120 |
| 30 - 34 | 1,024 | 11.0 | 39 | 985 |
| 35 - 39 | 977 | 10.5 | 38 | 939 |
| 40 - 44 | 960 | 10.4 | 37 | 923 |
| 45 - 49 | 610 | 6.6 | 31 | 579 |
| 50 - 54 | 430 | 4.6 | 14 | 416 |
| 55 - 59 | 278 | 3.0 | 13 | 265 |
| 60 - 64 | 146 | 1.6 | 8 | 138 |
| 65 - 69 | 101 | 1.1 | 11 | 90 |
| 70 - 74 | 59 | 0.6 | 4 | 55 |
| 75 - 79 | 53 | 0.6 | 6 | 47 |
| 80 and Over | 46 | 0.5 | 6 | 40 |
| Unknown Age | 191 | 2.1 | 7 | 184 |

| | Total | | Injury Severity of Vehicle Occupant | | | | | |
|--------------------------------|---------------|--------------|-------------------------------------|--------------|--------------|--------------|------------|---------------|
| | Number | Percent | Killed (K) | Serious (A) | Moderate (B) | Minor (C) | Unk Injury | Uninjured (O) |
| Motor Vehicle Occupants | 13,817 | 100.0 | 271 | 1,432 | 2,164 | 4,504 | 135 | 5,311 |
| No Restraint Used | 2,191 | 15.9 | 116 | 517 | 469 | 560 | 18 | 511 |
| Air Bag Deployed | 281 | 2.0 | 31 | 68 | 72 | 65 | 1 | 44 |
| with Child Restraint | 2 | <0.1 | 0 | 0 | 1 | 0 | 0 | 1 |
| with Harness | 81 | 0.6 | 1 | 11 | 21 | 25 | 1 | 22 |
| with Lap Belt | 49 | 0.4 | 0 | 1 | 17 | 18 | 2 | 11 |
| with Lap Belt & Harness | 856 | 6.2 | 21 | 114 | 231 | 310 | 6 | 174 |
| Child Restraint Only | 157 | 1.1 | 0 | 6 | 11 | 27 | 0 | 113 |
| Harness | 272 | 2.0 | 6 | 24 | 28 | 101 | 5 | 108 |
| Lap Belt | 619 | 4.5 | 4 | 40 | 53 | 222 | 8 | 292 |
| Lap Belt & Harness | 7,605 | 55.0 | 40 | 499 | 1,033 | 2,758 | 77 | 3,198 |
| Other | 3 | <0.1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Unknown | 1,701 | 12.3 | 52 | 151 | 228 | 418 | 17 | 835 |
| Motorcyclists | 180 | 100.0 | 27 | 74 | 46 | 25 | 0 | 8 |
| No Helmet Used | 28 | 15.6 | 6 | 14 | 6 | 2 | 0 | 0 |
| Helmet Used | 139 | 77.2 | 20 | 56 | 35 | 22 | 0 | 6 |
| Unknown | 13 | 7.2 | 1 | 4 | 5 | 1 | 0 | 2 |
| Bicyclists | 116 | 100.0 | 4 | 25 | 34 | 50 | 2 | 1 |
| No Helmet Used | 51 | 44.0 | 4 | 13 | 14 | 19 | 0 | 1 |
| Helmet Used | 3 | 2.6 | 0 | 0 | 2 | 1 | 0 | 0 |
| Unknown | 62 | 53.4 | 0 | 12 | 18 | 30 | 2 | 0 |