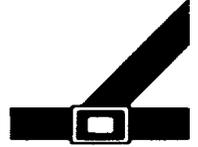


# 2002 Virginia Traffic Crash Facts

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# **2002 Virginia Traffic Crash Facts**

Virginia Department of Motor Vehicles  
Richmond, Virginia  
August 2003

# Commissioner's Message

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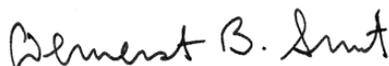
Dear Reader,

The Virginia Department of Motor Vehicles is pleased to present the 2002 edition of **Virginia Traffic Crash Facts**. This document is the result of the cooperative efforts of the Virginia Department of Motor Vehicles, the Virginia Department of State Police and the Virginia Department of Transportation. It provides a comprehensive view of traffic crashes occurring in Virginia.

I would like to take this opportunity to thank our fellow highway safety advocates for their endeavors. We at DMV pledge our continued commitment to safe highways for all citizens through innovative, effective and efficient public service.

I hope you will find this publication to be a comprehensive and useful tool in problem identification, education and community activities. Any comments you may have about the information or format are welcome.

Sincerely,



Demerst B. Smit  
Commissioner

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# Glossary

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**Alcohol-related crash:** Crash where either a driver, bicyclist or pedestrian is listed on the police report as drinking before the crash.

**Alcohol-related fatality:** Person who dies within 30 days as a result of a traffic crash involving alcohol.

**Crash rate:** Number of crashes per 100 million vehicle miles, unless otherwise stated.

**Death rate per vehicle miles traveled:** Number of fatalities per 100 million vehicle miles.

**Death rate per drivers:** Number of fatalities per 1,000 Virginia licensed drivers.

**Fatal crash:** Crash which results in one or more fatalities.

**Fatality:** Person who dies within 30 days as a result of a traffic crash.

**Percentage:** Based on “known” totals within categories or actions. Does not include “unknown” or “not stated” data.

**Personal injury crash:** Crash which results in no fatalities but one or more persons are injured.

**Property damage crash:** Crash which results in no fatalities or injuries, but there is property damage of at least \$1,000.

**Reportable traffic crash:** Crash on a public highway which involves death, injury or property damage in excess of \$1,000.

**Vehicle miles traveled (VMT):** Total number of miles traveled on Virginia highways.

NOTE: Percentage on tables within documents are rounded and may not equal 100 percent.

# 2002 Quick Facts About Virginia

## General Facts

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- 913 persons were killed, a 2.35 percent decrease from 2001
- 78,896 persons were injured, a 1.61 percent decrease from 2001
- 147,737 traffic crashes were reported, a 2.18 percent increase from 2001
- There were 5,182,497 licensed drivers, a 1.61 percent increase from 2001
- There were 75,263,159,505 estimated vehicle miles traveled, a 13.46 percent decrease from 2001\*
- There were 6,659,560 registered vehicles, a 2.60 percent increase from 2001

## Alcohol-Related Facts

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- 375 persons were killed in alcohol-related crashes, a 4.75 percent increase from 2001\*\*
- 8,465 persons were injured in alcohol-related crashes, a 3.09 percent increase from 2001
- 45 teenagers, aged 15-19, were killed in alcohol-related crashes, 4.93 percent of the total (913) traffic fatalities
- 1,095 teenagers, aged 15-19, were injured in alcohol-related crashes, 1.39 percent of the total (78,896) traffic injuries
- 27,338 persons were tested with blood alcohol content (BAC) of .08 percent or greater a 4.00 percent decrease from 2001
- The average BAC of tested drinking drivers was .1382 \*\*\*
- Of those convicted of DUI, 83.42 percent were male and 16.15 percent were female
- 27,322 persons were convicted of DUI, 2.57 percent decrease from 2001

NOTE: \* Mileage from 1993-2001 was calculated using gasoline consumption; starting in 2002 annual vehicle miles of travel will be based on vehicle count using a program developed by the Virginia Department of Transportation's Traffic Monitoring System.

\*\*Medical examiner data used in addition to police reports to determine alcohol-related status.

\*\*\*This includes an average of both breath and blood tests.

# What Happened on Virginia Roads

## In 2002:

| Months        | Total          |               |            |                         |               | Alcohol-Related |            |              |
|---------------|----------------|---------------|------------|-------------------------|---------------|-----------------|------------|--------------|
|               | Crashes        | Fatal Crashes | Fatalities | Personal Injury Crashes | Injuries      | Crashes         | Fatalities | Injuries     |
| January       | 12,034         | 72            | 80         | 4,125                   | 5,851         | 877             | 28         | 600          |
| February      | 10,040         | 68            | 79         | 3,794                   | 5,429         | 898             | 36         | 711          |
| March         | 11,857         | 70            | 77         | 4,368                   | 6,419         | 1,014           | 38         | 716          |
| April         | 11,782         | 69            | 71         | 4,677                   | 6,743         | 893             | 27         | 670          |
| May           | 12,664         | 72            | 75         | 4,917                   | 7,133         | 1,010           | 33         | 723          |
| June          | 12,208         | 70            | 78         | 4,763                   | 6,982         | 950             | 31         | 714          |
| July          | 11,939         | 59            | 67         | 4,688                   | 6,887         | 962             | 33         | 715          |
| August        | 12,401         | 78            | 87         | 4,718                   | 6,982         | 1,007           | 35         | 769          |
| September     | 12,228         | 71            | 74         | 4,677                   | 6,694         | 1,039           | 26         | 732          |
| October       | 13,935         | 86            | 93         | 4,886                   | 6,973         | 1,109           | 37         | 791          |
| November      | 13,748         | 52            | 56         | 4,578                   | 6,512         | 1,069           | 28         | 697          |
| December      | 12,901         | 65            | 76         | 4,369                   | 6,291         | 960             | 23         | 627          |
| <b>Totals</b> | <b>147,737</b> | <b>832</b>    | <b>913</b> | <b>54,560</b>           | <b>78,896</b> | <b>11,788</b>   | <b>375</b> | <b>8,465</b> |

## Looking Back

- Fatalities have decreased 2.35 percent over the past year
- Injuries have decreased 1.61 percent over the past year
- Crashes have increased 2.18 percent over the past year
- Virginia's death rate has increased 12.04\* percent over the past year

## On The Average

- 1 crash every 3.56 minutes
- 1 driver out of every 19.38 licensed drivers was involved in a crash
- 2.50 lives lost per day because of traffic crashes
- 216.15 persons injured per day because of traffic crashes

## Speeding

|                      | All Crashes    | Alcohol-Related Crashes | Alcohol-Related Crashes Percent |
|----------------------|----------------|-------------------------|---------------------------------|
| <b>Speed</b>         |                |                         |                                 |
| Speed Limit Exceeded | 17,011         | 3,394                   | 2.6                             |
| Safe Speed Exceeded  | 21,373         | 1,412                   | 1.1                             |
| No Violation         | 90,737         | 4,766                   | 3.7                             |
| <b>Total</b>         | <b>129,121</b> | <b>9,572</b>            | <b>7.4</b>                      |
| <b>Not Stated</b>    | <b>18,616</b>  | <b>2,216</b>            |                                 |
| <b>Grand Total</b>   | <b>147,737</b> | <b>11,788</b>           |                                 |

### Speed of Drivers

- 4,651 drivers speeding 56-60 MPH at time of crash
- 4,738 drivers speeding 61-65 MPH at time of crash
- 1,538 drivers speeding 66-70 MPH at time of crash
- 1,166 drivers speeding over 70 MPH at time of crash

\*Death rate determined by vehicular mileage. Mileage from 1993-2001 was calculated using gasoline consumption; starting in 2002 motor vehicle miles of travel will be based on vehicle count using a program developed by the Virginia Department of Transportation's Traffic Monitoring System.

## Cumulative Mileage Death Rates

|                                                | 2002   | 2001   | Percent Change |
|------------------------------------------------|--------|--------|----------------|
| Motor Vehicle Traffic Deaths                   | 913    | 935    | -2.35          |
| Motor Vehicle Mileage Traveled (Millions)*     | 75,268 | 86,969 | -13.45         |
| Death Rate Per 100,000,000 Vehicle Miles*      | 1.21   | 1.08   | 12.04          |
| Fatal Crash Rate Per 100,000,000 vehicle miles | 1.11   | 0.98   | 13.27          |

## Crash Vehicles

|                      | Number         | Percent      |
|----------------------|----------------|--------------|
| <b>Type of Crash</b> |                |              |
| Single Vehicle       | 44,833         | 30.3         |
| Two Vehicles         | 89,325         | 60.5         |
| Three Vehicles       | 11,135         | 7.5          |
| Four Vehicles        | 1,933          | 1.3          |
| Five or More         | 511            | 0.3          |
| <b>Total Crashes</b> | <b>147,737</b> | <b>100.0</b> |

## Important Circumstances of Crashes

## Occupation of Driver

|                                                        | Percent Total Crashes | Percent Fatal Crashes | All Crashes    | Fatal Crashes | Personal Injury Crashes | Property Damage Crashes |
|--------------------------------------------------------|-----------------------|-----------------------|----------------|---------------|-------------------------|-------------------------|
| <b>Driver Information, All Types of Crashes</b>        |                       |                       |                |               |                         |                         |
| Driver Violated Traffic Law                            | 89.6                  | 54.3                  |                |               |                         |                         |
| Driver Violated Speed Law                              | 10.6                  | 20.9                  |                |               |                         |                         |
| Driver Drinking                                        | 7.8                   | 14.7                  |                |               |                         |                         |
| Driver Physical Impairment                             | 4.0                   | 6.7                   |                |               |                         |                         |
| <b>Pedestrian Information, Pedestrian Crashes Only</b> |                       |                       |                |               |                         |                         |
| Pedestrian Violated Law                                | 95.0                  | 94.3                  |                |               |                         |                         |
| Pedestrian Drinking                                    | 12.9                  | 30.7                  |                |               |                         |                         |
| Pedestrian Physical Impairment                         | 6.4                   | 13.6                  |                |               |                         |                         |
| <b>All Crashes</b>                                     |                       |                       |                |               |                         |                         |
| Crashes Involving Defective Vehicles                   | 2.8                   | 4.8                   |                |               |                         |                         |
| Students                                               |                       |                       | 29,071         | 113           | 10,518                  | 18,440                  |
| Professional and Business                              |                       |                       | 56,539         | 160           | 20,750                  | 35,629                  |
| Craftsmen and Foremen                                  |                       |                       | 36,607         | 138           | 13,876                  | 22,593                  |
| Farmers and Farm Laborers                              |                       |                       | 591            | 6             | 226                     | 359                     |
| Sales and Clerical Salesperson                         |                       |                       | 16,605         | 49            | 6,428                   | 10,128                  |
| Other Commercial                                       |                       |                       | 27             |               | 8                       | 19                      |
| All Other Workers                                      |                       |                       | 14,974         | 122           | 5,388                   | 9,464                   |
| All Others                                             |                       |                       | 49,774         | 272           | 19,558                  | 29,944                  |
| Air Force                                              |                       |                       | 28,484         | 180           | 11,854                  | 16,450                  |
| Navy                                                   |                       |                       | 465            | 2             | 170                     | 293                     |
| Army                                                   |                       |                       | 4,594          | 19            | 1,553                   | 3,022                   |
| Marines                                                |                       |                       | 837            | 6             | 312                     | 519                     |
| Not Stated                                             |                       |                       | 498            | 4             | 152                     | 342                     |
| <b>Total Drivers</b>                                   |                       |                       | <b>267,377</b> | <b>1,242</b>  | <b>101,357</b>          | <b>164,778</b>          |

## Crashes by Hour and Day

| Fatal Crashes            | Monday     | Tuesday    | Wednesday  | Thursday  | Friday     | Saturday   | Sunday     | Total Crashes |
|--------------------------|------------|------------|------------|-----------|------------|------------|------------|---------------|
| Midnight to 12:59 A.M.   | 3          | 4          | 7          | 5         | 4          | 11         | 7          | 41            |
| 1:00 A.M. to 1:59 A.M.   | 5          | 4          | 3          | 5         | 5          | 9          | 15         | 46            |
| 2:00 A.M. to 2:59 A.M.   | 3          | 4          | 2          | 2         | 3          | 10         | 14         | 38            |
| 3:00 A.M. to 3:59 A.M.   | 3          |            | 4          | 4         | 2          | 8          | 12         | 33            |
| 4:00 A.M. to 4:59 A.M.   | 2          | 1          |            | 2         | 2          | 8          | 1          | 16            |
| 5:00 A.M. to 5:59 A.M.   | 5          | 2          |            | 2         | 4          | 5          | 4          | 22            |
| 6:00 A.M. to 6:59 A.M.   | 6          | 6          | 6          | 6         | 2          | 3          | 4          | 33            |
| 7:00 A.M. to 7:59 A.M.   | 7          | 2          | 5          | 3         | 5          | 4          | 2          | 28            |
| 8:00 A.M. to 8:59 A.M.   | 5          | 2          | 4          | 3         | 2          | 3          | 4          | 23            |
| 9:00 A.M. to 9:59 A.M.   | 7          | 3          |            | 3         | 4          | 1          |            | 18            |
| 10:00 A.M. to 10:59 A.M. | 5          | 6          | 2          | 1         | 3          | 7          | 5          | 29            |
| 11:00 A.M. to 11:59 A.M. | 5          | 2          | 4          | 5         | 5          | 6          | 2          | 29            |
| Noon to 12:59 P.M.       | 10         | 6          | 5          | 2         | 3          | 11         | 5          | 42            |
| 1:00 P.M. to 1:59 P.M.   | 3          | 5          | 8          | 2         | 5          | 2          | 5          | 30            |
| 2:00 P.M. to 2:59 P.M.   | 8          | 8          | 4          | 8         | 5          | 6          | 3          | 42            |
| 3:00 P.M. to 3:59 P.M.   | 5          | 6          | 4          | 2         | 5          | 4          | 6          | 32            |
| 4:00 P.M. to 4:59 P.M.   | 7          | 5          | 8          | 7         | 8          | 5          | 6          | 46            |
| 5:00 P.M. to 5:59 P.M.   | 9          | 8          | 10         | 1         | 11         | 4          | 5          | 48            |
| 6:00 P.M. to 6:59 P.M.   | 6          | 7          | 7          | 2         | 2          | 7          | 8          | 39            |
| 7:00 P.M. to 7:59 P.M.   | 3          | 5          | 3          | 5         | 4          | 4          | 4          | 28            |
| 8:00 P.M. to 8:59 P.M.   | 5          | 6          | 7          | 6         | 10         | 14         | 4          | 52            |
| 9:00 P.M. to 9:59 P.M.   | 11         | 5          | 11         | 3         | 13         | 3          | 1          | 47            |
| 10:00 P.M. to 10:59 P.M. | 4          | 6          | 4          | 3         | 5          | 7          | 3          | 32            |
| 11:00 P.M. to 11:59 P.M. | 1          | 3          | 2          | 5         | 11         | 11         | 4          | 37            |
| Not Stated               |            |            | 1          |           |            |            |            | 1             |
| <b>Total Crashes</b>     | <b>128</b> | <b>106</b> | <b>111</b> | <b>87</b> | <b>123</b> | <b>153</b> | <b>124</b> | <b>832</b>    |

## Crashes by Hour and Day

| <b>Personal Injury Crashes</b> | <b>Monday</b> | <b>Tuesday</b> | <b>Wednesday</b> | <b>Thursday</b> | <b>Friday</b> | <b>Saturday</b> | <b>Sunday</b> | <b>Total Crashes</b> |
|--------------------------------|---------------|----------------|------------------|-----------------|---------------|-----------------|---------------|----------------------|
| Midnight to 12:59 A.M.         | 122           | 102            | 109              | 118             | 122           | 252             | 233           | 1,058                |
| 1:00 A.M. to 1:59 A.M.         | 80            | 77             | 68               | 100             | 115           | 234             | 243           | 917                  |
| 2:00 A.M. to 2:59 A.M.         | 74            | 79             | 81               | 103             | 108           | 242             | 260           | 947                  |
| 3:00 A.M. to 3:59 A.M.         | 48            | 48             | 39               | 48              | 69            | 150             | 142           | 544                  |
| 4:00 A.M. to 4:59 A.M.         | 58            | 46             | 38               | 48              | 57            | 132             | 117           | 496                  |
| 5:00 A.M. to 5:59 A.M.         | 97            | 85             | 98               | 79              | 84            | 94              | 108           | 645                  |
| 6:00 A.M. to 6:59 A.M.         | 250           | 218            | 234              | 215             | 226           | 127             | 101           | 1,371                |
| 7:00 A.M. to 7:59 A.M.         | 395           | 421            | 478              | 459             | 385           | 156             | 107           | 2,401                |
| 8:00 A.M. to 8:59 A.M.         | 445           | 420            | 415              | 421             | 426           | 229             | 122           | 2,478                |
| 9:00 A.M. to 9:59 A.M.         | 304           | 310            | 350              | 334             | 335           | 293             | 189           | 2,115                |
| 10:00 A.M. to 10:59 A.M.       | 332           | 332            | 306              | 309             | 355           | 411             | 255           | 2,300                |
| 11:00 A.M. to 11:59 A.M.       | 380           | 346            | 363              | 351             | 456           | 486             | 311           | 2,693                |
| Noon to 12:59 P.M.             | 430           | 446            | 432              | 451             | 581           | 507             | 436           | 3,283                |
| 1:00 P.M. to 1:59 P.M.         | 503           | 424            | 449              | 436             | 563           | 457             | 453           | 3,285                |
| 2:00 P.M. to 2:59 P.M.         | 516           | 534            | 500              | 513             | 662           | 520             | 422           | 3,667                |
| 3:00 P.M. to 3:59 P.M.         | 629           | 607            | 643              | 623             | 792           | 535             | 426           | 4,255                |
| 4:00 P.M. to 4:59 P.M.         | 584           | 707            | 631              | 704             | 838           | 501             | 414           | 4,379                |
| 5:00 P.M. to 5:59 P.M.         | 643           | 705            | 700              | 732             | 784           | 460             | 414           | 4,438                |
| 6:00 P.M. to 6:59 P.M.         | 458           | 551            | 511              | 550             | 633           | 429             | 380           | 3,512                |
| 7:00 P.M. to 7:59 P.M.         | 302           | 374            | 386              | 387             | 421           | 385             | 289           | 2,544                |
| 8:00 P.M. to 8:59 P.M.         | 246           | 272            | 260              | 297             | 353           | 306             | 273           | 2,007                |
| 9:00 P.M. to 9:59 P.M.         | 235           | 266            | 282              | 277             | 356           | 331             | 245           | 1,992                |
| 10:00 P.M. to 10:59 P.M.       | 168           | 204            | 208              | 258             | 342           | 297             | 204           | 1,681                |
| 11:00 P.M. to 11:59 P.M.       | 146           | 139            | 161              | 168             | 300           | 298             | 161           | 1,373                |
| Not Stated                     | 26            | 20             | 27               | 33              | 27            | 24              | 22            | 179                  |
| <b>Total Crashes</b>           | <b>7,471</b>  | <b>7,733</b>   | <b>7,769</b>     | <b>8,014</b>    | <b>9,390</b>  | <b>7,856</b>    | <b>6,327</b>  | <b>54,560</b>        |

## Crashes by Hour and Day

| <b>Property Damage Crashes</b> | <b>Monday</b> | <b>Tuesday</b> | <b>Wednesday</b> | <b>Thursday</b> | <b>Friday</b> | <b>Saturday</b> | <b>Sunday</b> | <b>Total Crashes</b> |
|--------------------------------|---------------|----------------|------------------|-----------------|---------------|-----------------|---------------|----------------------|
| Midnight to 12:59 A.M.         | 155           | 163            | 201              | 200             | 220           | 398             | 411           | 1,748                |
| 1:00 A.M. to 1:59 A.M.         | 161           | 146            | 128              | 188             | 199           | 393             | 363           | 1,578                |
| 2:00 A.M. to 2:59 A.M.         | 132           | 123            | 120              | 198             | 184           | 365             | 425           | 1,547                |
| 3:00 A.M. to 3:59 A.M.         | 71            | 96             | 92               | 122             | 125           | 283             | 283           | 1,072                |
| 4:00 A.M. to 4:59 A.M.         | 108           | 85             | 82               | 125             | 107           | 185             | 189           | 881                  |
| 5:00 A.M. to 5:59 A.M.         | 208           | 194            | 202              | 209             | 189           | 172             | 182           | 1,356                |
| 6:00 A.M. to 6:59 A.M.         | 443           | 442            | 489              | 551             | 461           | 235             | 166           | 2,787                |
| 7:00 A.M. to 7:59 A.M.         | 760           | 710            | 868              | 887             | 800           | 250             | 172           | 4,447                |
| 8:00 A.M. to 8:59 A.M.         | 747           | 797            | 885              | 813             | 771           | 363             | 214           | 4,590                |
| 9:00 A.M. to 9:59 A.M.         | 516           | 538            | 577              | 631             | 598           | 490             | 297           | 3,647                |
| 10:00 A.M. to 10:59 A.M.       | 495           | 527            | 552              | 580             | 601           | 658             | 394           | 3,807                |
| 11:00 A.M. to 11:59 A.M.       | 614           | 608            | 643              | 605             | 770           | 813             | 411           | 4,464                |
| Noon to 12:59 P.M.             | 683           | 711            | 799              | 738             | 975           | 844             | 644           | 5,394                |
| 1:00 P.M. to 1:59 P.M.         | 708           | 748            | 781              | 752             | 984           | 821             | 630           | 5,424                |
| 2:00 P.M. to 2:59 P.M.         | 842           | 892            | 866              | 836             | 1,118         | 819             | 598           | 5,971                |
| 3:00 P.M. to 3:59 P.M.         | 983           | 1,122          | 1,054            | 1,090           | 1,455         | 833             | 659           | 7,196                |
| 4:00 P.M. to 4:59 P.M.         | 982           | 1,184          | 1,126            | 1,181           | 1,410         | 754             | 617           | 7,254                |
| 5:00 P.M. to 5:59 P.M.         | 1,122         | 1,308          | 1,262            | 1,289           | 1,429         | 655             | 560           | 7,625                |
| 6:00 P.M. to 6:59 P.M.         | 756           | 937            | 895              | 1,010           | 989           | 660             | 560           | 5,807                |
| 7:00 P.M. to 7:59 P.M.         | 468           | 555            | 542              | 625             | 756           | 547             | 476           | 3,969                |
| 8:00 P.M. to 8:59 P.M.         | 378           | 383            | 473              | 446             | 516           | 491             | 378           | 3,065                |
| 9:00 P.M. to 9:59 P.M.         | 330           | 447            | 429              | 455             | 559           | 505             | 409           | 3,134                |
| 10:00 P.M. to 10:59 P.M.       | 266           | 301            | 345              | 369             | 527           | 455             | 296           | 2,559                |
| 11:00 P.M. to 11:59 P.M.       | 246           | 228            | 311              | 307             | 460           | 484             | 258           | 2,294                |
| Not Stated                     | 92            | 107            | 92               | 82              | 108           | 129             | 119           | 729                  |
| <b>Total Crashes</b>           | <b>12,266</b> | <b>13,352</b>  | <b>13,814</b>    | <b>14,289</b>   | <b>16,311</b> | <b>12,602</b>   | <b>9,711</b>  | <b>92,345</b>        |

## Crashes by Hour and Day

| Total Crashes            | Monday        | Tuesday       | Wednesday     | Thursday      | Friday        | Saturday      | Sunday        | Total Crashes  |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Midnight to 12:59 A.M.   | 280           | 269           | 317           | 323           | 346           | 661           | 651           | 2,847          |
| 1:00 A.M. to 1:59 A.M.   | 246           | 227           | 199           | 293           | 319           | 636           | 621           | 2,541          |
| 2:00 A.M. to 2:59 A.M.   | 209           | 206           | 203           | 303           | 295           | 617           | 699           | 2,532          |
| 3:00 A.M. to 3:59 A.M.   | 122           | 144           | 135           | 174           | 196           | 441           | 437           | 1,649          |
| 4:00 A.M. to 4:59 A.M.   | 168           | 132           | 120           | 175           | 166           | 325           | 307           | 1,393          |
| 5:00 A.M. to 5:59 A.M.   | 310           | 281           | 300           | 290           | 277           | 271           | 294           | 2,023          |
| 6:00 A.M. to 6:59 A.M.   | 699           | 666           | 729           | 772           | 689           | 365           | 271           | 4,191          |
| 7:00 A.M. to 7:59 A.M.   | 1,162         | 1,133         | 1,351         | 1,349         | 1,190         | 410           | 281           | 6,876          |
| 8:00 A.M. to 8:59 A.M.   | 1,197         | 1,219         | 1,304         | 1,237         | 1,199         | 595           | 340           | 7,091          |
| 9:00 A.M. to 9:59 A.M.   | 827           | 851           | 927           | 968           | 937           | 784           | 486           | 5,780          |
| 10:00 A.M. to 10:59 A.M. | 832           | 865           | 860           | 890           | 959           | 1,076         | 654           | 6,136          |
| 11:00 A.M. to 11:59 A.M. | 999           | 956           | 1,010         | 961           | 1,231         | 1,305         | 724           | 7,186          |
| Noon to 12:59 P.M.       | 1,123         | 1,163         | 1,236         | 1,191         | 1,559         | 1,362         | 1,085         | 8,719          |
| 1:00 P.M. to 1:59 P.M.   | 1,214         | 1,177         | 1,238         | 1,190         | 1,552         | 1,280         | 1,088         | 8,739          |
| 2:00 P.M. to 2:59 P.M.   | 1,366         | 1,434         | 1,370         | 1,357         | 1,785         | 1,345         | 1,023         | 9,680          |
| 3:00 P.M. to 3:59 P.M.   | 1,617         | 1,735         | 1,701         | 1,715         | 2,252         | 1,372         | 1,091         | 11,483         |
| 4:00 P.M. to 4:59 P.M.   | 1,573         | 1,896         | 1,765         | 1,892         | 2,256         | 1,260         | 1,037         | 11,679         |
| 5:00 P.M. to 5:59 P.M.   | 1,774         | 2,021         | 1,972         | 2,022         | 2,224         | 1,119         | 979           | 12,111         |
| 6:00 P.M. to 6:59 P.M.   | 1,220         | 1,495         | 1,413         | 1,562         | 1,624         | 1,096         | 948           | 9,358          |
| 7:00 P.M. to 7:59 P.M.   | 773           | 934           | 931           | 1,017         | 1,181         | 936           | 769           | 6,541          |
| 8:00 P.M. to 8:59 P.M.   | 629           | 661           | 740           | 749           | 879           | 811           | 655           | 5,124          |
| 9:00 P.M. to 9:59 P.M.   | 576           | 718           | 722           | 735           | 928           | 839           | 655           | 5,173          |
| 10:00 P.M. to 10:59 P.M. | 438           | 511           | 557           | 630           | 874           | 759           | 503           | 4,272          |
| 11:00 P.M. to 11:59 P.M. | 393           | 370           | 474           | 480           | 771           | 793           | 423           | 3,704          |
| Not Stated               | 118           | 127           | 120           | 115           | 135           | 153           | 141           | 909            |
| <b>Total Crashes</b>     | <b>19,865</b> | <b>21,191</b> | <b>21,694</b> | <b>22,390</b> | <b>25,824</b> | <b>20,611</b> | <b>16,162</b> | <b>147,737</b> |

## Age and Gender of Persons Killed

| Age          | All Persons Killed |            |            |            | Pedestrians Killed |           |           |            | Bicyclists Killed |           |        |            | Motorcyclists Killed |           |          |            |
|--------------|--------------------|------------|------------|------------|--------------------|-----------|-----------|------------|-------------------|-----------|--------|------------|----------------------|-----------|----------|------------|
|              | Total              | Male       | Female     | Not Stated | Total              | Male      | Female    | Not Stated | Total             | Male      | Female | Not Stated | Total                | Male      | Female   | Not Stated |
| Under 1      | 1                  |            |            | 1          |                    |           |           |            |                   |           |        |            |                      |           |          |            |
| 1            | 1                  |            |            | 1          |                    |           |           |            |                   |           |        |            |                      |           |          |            |
| 2            |                    |            |            |            |                    |           |           |            |                   |           |        |            |                      |           |          |            |
| 3            |                    |            |            |            |                    |           |           |            |                   |           |        |            |                      |           |          |            |
| 4            | 1                  |            |            | 1          |                    |           |           |            |                   |           |        |            |                      |           |          |            |
| 5-9          | 6                  | 2          |            | 4          | 1                  |           |           | 1          |                   |           |        |            |                      |           |          |            |
| 10-14        | 19                 | 10         |            | 9          | 2                  | 1         |           | 1          | 1                 |           |        |            |                      |           |          |            |
| 15           | 10                 | 5          |            | 5          |                    |           |           |            |                   |           |        |            |                      |           |          |            |
| 16           | 29                 | 20         |            | 9          | 1                  | 1         |           |            |                   |           |        |            |                      |           |          |            |
| 17           | 21                 | 17         |            | 4          | 2                  | 2         |           |            |                   |           |        |            | 1                    |           | 1        |            |
| 18           | 47                 | 25         |            | 22         | 2                  | 2         |           |            | 1                 | 1         |        |            | 2                    |           | 2        |            |
| 19           | 36                 | 25         |            | 11         | 1                  | 1         |           |            |                   |           |        |            | 2                    |           | 1        |            |
| 20           | 32                 | 27         |            | 5          | 1                  | 1         |           |            |                   |           |        |            |                      |           |          |            |
| 21-25        | 111                | 96         |            | 15         | 5                  | 4         |           | 1          |                   |           |        |            | 4                    |           | 4        |            |
| 26-30        | 76                 | 53         |            | 23         | 10                 | 5         |           | 5          |                   |           |        |            | 10                   |           | 9        | 1          |
| 31-35        | 60                 | 44         |            | 16         | 5                  | 3         |           | 2          | 3                 | 3         |        |            | 5                    |           | 5        |            |
| 36-40        | 67                 | 52         |            | 15         | 9                  | 8         |           | 1          |                   |           |        |            | 9                    |           | 9        |            |
| 41-45        | 62                 | 42         |            | 20         | 8                  | 5         |           | 3          | 1                 | 1         |        |            | 3                    |           | 3        |            |
| 46-50        | 68                 | 55         |            | 13         | 11                 | 9         |           | 2          | 3                 | 3         |        |            | 8                    |           | 8        |            |
| 51-55        | 59                 | 41         |            | 18         | 7                  | 6         |           | 1          |                   |           |        |            | 4                    |           | 4        |            |
| 56-60        | 39                 | 29         |            | 10         | 3                  | 1         |           | 2          |                   |           |        |            | 3                    |           | 3        |            |
| 61-65        | 35                 | 26         |            | 9          | 6                  | 4         |           | 2          | 1                 | 1         |        |            | 1                    |           | 1        |            |
| 66-70        | 27                 | 16         |            | 11         | 2                  | 1         |           | 1          | 2                 | 2         |        |            |                      |           |          |            |
| Over 70      | 99                 | 52         |            | 47         | 11                 | 6         |           | 5          |                   |           |        |            | 1                    |           | 1        |            |
| Unknown      | 7                  | 4          |            | 3          | 1                  | 1         |           |            |                   |           |        |            | 1                    |           |          | 1          |
| <b>Total</b> | <b>913</b>         | <b>641</b> | <b>269</b> | <b>3</b>   | <b>88</b>          | <b>61</b> | <b>27</b> |            | <b>12</b>         | <b>12</b> |        |            | <b>54</b>            | <b>51</b> | <b>2</b> | <b>1</b>   |

## Age and Gender of Persons Injured

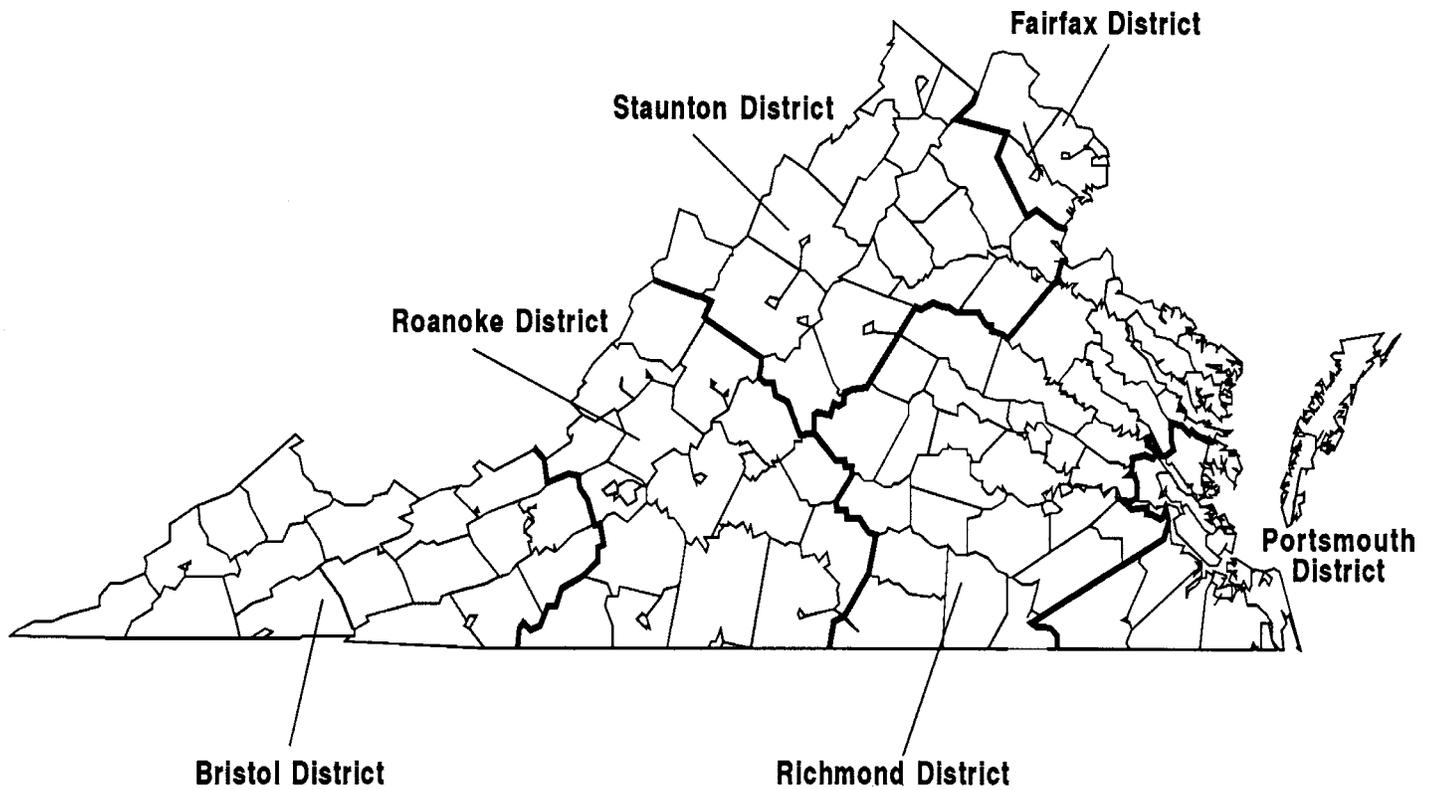
| Age          | All Persons Injured |               |               |            | Pedestrians Injured |              |            |            | Bicyclists Injured |            |            |            | Motorcyclists Injured |              |            |            |
|--------------|---------------------|---------------|---------------|------------|---------------------|--------------|------------|------------|--------------------|------------|------------|------------|-----------------------|--------------|------------|------------|
|              | Total               | Male          | Female        | Not Stated | Total               | Male         | Female     | Not Stated | Total              | Male       | Female     | Not Stated | Total                 | Male         | Female     | Not Stated |
| Under 1      | 313                 | 145           | 168           |            | 2                   | 2            |            |            |                    |            |            |            | 1                     |              |            | 1          |
| 1            | 277                 | 133           | 144           |            | 8                   | 5            | 3          |            | 1                  |            | 1          |            |                       |              |            |            |
| 2            | 338                 | 165           | 141           | 32         | 13                  | 8            | 5          |            | 1                  |            | 1          |            | 2                     |              |            | 2          |
| 3            | 304                 | 158           | 145           | 1          | 13                  | 12           | 1          |            |                    |            |            |            |                       |              |            |            |
| 4            | 345                 | 188           | 156           | 1          | 19                  | 12           | 7          |            | 2                  | 1          | 1          |            |                       |              |            |            |
| 5-9          | 1,890               | 939           | 950           | 1          | 137                 | 92           | 45         |            | 53                 | 39         | 13         | 1          | 8                     | 4            | 4          |            |
| 10-14        | 2,622               | 1,227         | 1,374         | 21         | 174                 | 109          | 65         |            | 159                | 132        | 25         | 2          | 13                    | 9            | 4          |            |
| 15           | 879                 | 352           | 524           | 3          | 43                  | 28           | 15         |            | 16                 | 15         | 1          |            | 5                     | 4            | 1          |            |
| 16           | 2,190               | 942           | 1,245         | 3          | 37                  | 24           | 13         |            | 23                 | 20         | 2          | 1          | 8                     | 5            | 3          |            |
| 17           | 2,773               | 1,226         | 1,545         | 2          | 53                  | 32           | 21         |            | 19                 | 13         | 5          | 1          | 10                    | 7            | 3          |            |
| 18           | 2,974               | 1,405         | 1,566         | 3          | 43                  | 26           | 17         |            | 21                 | 17         | 4          |            | 23                    | 20           | 3          |            |
| 19           | 2,962               | 1,471         | 1,484         | 7          | 45                  | 28           | 17         |            | 20                 | 18         | 2          |            | 34                    | 33           | 1          |            |
| 20           | 2,605               | 1,241         | 1,357         | 7          | 53                  | 28           | 25         |            | 24                 | 14         | 10         |            | 27                    | 20           | 7          |            |
| 21-25        | 10,340              | 5,316         | 5,003         | 21         | 180                 | 106          | 74         |            | 81                 | 72         | 9          |            | 211                   | 188          | 23         |            |
| 26-30        | 7,382               | 3,703         | 3,673         | 6          | 149                 | 97           | 52         |            | 50                 | 36         | 14         |            | 210                   | 193          | 17         |            |
| 31-35        | 7,049               | 3,327         | 3,718         | 4          | 146                 | 89           | 57         |            | 44                 | 33         | 11         |            | 190                   | 171          | 19         |            |
| 36-40        | 6,997               | 3,282         | 3,710         | 5          | 163                 | 99           | 64         |            | 52                 | 46         | 6          |            | 181                   | 145          | 36         |            |
| 41-45        | 6,248               | 2,880         | 3,361         | 7          | 144                 | 79           | 65         |            | 68                 | 56         | 12         |            | 161                   | 140          | 20         | 1          |
| 46-50        | 5,384               | 2,497         | 2,883         | 4          | 131                 | 82           | 49         |            | 39                 | 35         | 4          |            | 161                   | 133          | 27         | 1          |
| 51-55        | 4,396               | 1,986         | 2,405         | 5          | 94                  | 61           | 33         |            | 28                 | 25         | 2          | 1          | 124                   | 108          | 15         | 1          |
| 56-60        | 2,928               | 1,306         | 1,621         | 1          | 59                  | 32           | 27         |            | 8                  | 6          | 2          |            | 42                    | 38           | 4          |            |
| 61-65        | 2,083               | 955           | 1,128         |            | 48                  | 27           | 21         |            | 9                  | 9          |            |            | 24                    | 19           | 5          |            |
| 66-70        | 1,571               | 693           | 874           | 4          | 33                  | 19           | 14         |            | 3                  | 2          | 1          |            | 20                    | 20           |            |            |
| Over 70      | 3,239               | 1,418         | 1,819         | 2          | 85                  | 36           | 49         |            | 7                  | 7          |            |            | 11                    | 11           |            |            |
| Unknown      | 807                 | 277           | 354           | 176        | 28                  | 22           | 6          |            | 92                 | 1          | 1          | 90         | 6                     | 1            | 3          | 2          |
| <b>Total</b> | <b>78,896</b>       | <b>37,232</b> | <b>41,348</b> | <b>316</b> | <b>1,900</b>        | <b>1,155</b> | <b>745</b> |            | <b>820</b>         | <b>597</b> | <b>127</b> | <b>96</b>  | <b>1,472</b>          | <b>1,269</b> | <b>196</b> | <b>7</b>   |

## Age and Gender of Drivers/Passengers Killed and Injured

| Age          | All Drivers Killed |            |            |            | All Passengers Killed |            |            |            | All Drivers Injured |               |               |            | All Passengers Injured |              |               |            |
|--------------|--------------------|------------|------------|------------|-----------------------|------------|------------|------------|---------------------|---------------|---------------|------------|------------------------|--------------|---------------|------------|
|              | Total              | Male       | Female     | Not Stated | Total                 | Male       | Female     | Not Stated | Total               | Male          | Female        | Not Stated | Total                  | Male         | Female        | Not Stated |
| Under        |                    |            |            |            | 1                     |            | 1          |            |                     |               |               |            | 311                    | 143          | 168           |            |
| 1            |                    |            |            |            | 1                     |            | 1          |            |                     |               |               |            | 269                    | 128          | 141           |            |
| 2            |                    |            |            |            |                       |            |            |            | 41                  | 9             | 4             | 28         | 284                    | 148          | 132           | 4          |
| 3            |                    |            |            |            |                       |            |            |            | 1                   | 1             |               |            | 290                    | 145          | 144           | 1          |
| 4            |                    |            |            |            | 1                     |            | 1          |            | 1                   | 1             |               |            | 325                    | 175          | 149           | 1          |
| 5-9          |                    |            |            |            | 5                     | 2          | 3          |            | 58                  | 41            | 16            | 1          | 1,695                  | 806          | 889           |            |
| 10-14        | 1                  | 1          |            |            | 16                    | 8          | 8          |            | 205                 | 163           | 40            | 2          | 2,243                  | 955          | 1,269         | 19         |
| 15           | 1                  | 1          |            |            | 9                     | 4          | 5          |            | 89                  | 54            | 34            | 1          | 747                    | 270          | 475           | 2          |
| 16           | 12                 | 10         | 2          |            | 16                    | 9          | 7          |            | 1,291               | 578           | 712           | 1          | 862                    | 340          | 520           | 2          |
| 17           | 12                 | 11         | 1          |            | 7                     | 4          | 3          |            | 1,787               | 796           | 990           | 1          | 933                    | 398          | 534           | 1          |
| 18           | 23                 | 14         | 9          |            | 22                    | 9          | 13         |            | 1,972               | 957           | 1,013         | 2          | 959                    | 422          | 536           | 1          |
| 19           | 21                 | 14         | 7          |            | 14                    | 10         | 4          |            | 2,037               | 1,024         | 1,008         | 5          | 880                    | 419          | 459           | 2          |
| 20           | 24                 | 21         | 3          |            | 7                     | 5          | 2          |            | 1,787               | 860           | 920           | 7          | 765                    | 353          | 412           |            |
| 21-25        | 74                 | 68         | 6          |            | 32                    | 24         | 8          |            | 7,615               | 3,949         | 3,650         | 16         | 2,545                  | 1,261        | 1,279         | 5          |
| 26-30        | 55                 | 40         | 15         |            | 11                    | 8          | 3          |            | 5,672               | 2,928         | 2,738         | 6          | 1,561                  | 678          | 883           |            |
| 31-35        | 50                 | 39         | 11         |            | 5                     | 2          | 3          |            | 5,516               | 2,668         | 2,845         | 3          | 1,387                  | 570          | 816           | 1          |
| 36-40        | 45                 | 35         | 10         |            | 13                    | 9          | 4          |            | 5,582               | 2,699         | 2,880         | 3          | 1,252                  | 484          | 766           | 2          |
| 41-45        | 44                 | 32         | 12         |            | 10                    | 5          | 5          |            | 4,993               | 2,392         | 2,596         | 5          | 1,111                  | 409          | 700           | 2          |
| 46-50        | 42                 | 36         | 6          |            | 15                    | 10         | 5          |            | 4,293               | 2,112         | 2,179         | 2          | 960                    | 303          | 655           | 2          |
| 51-55        | 42                 | 30         | 12         |            | 10                    | 5          | 5          |            | 3,465               | 1,716         | 1,746         | 3          | 837                    | 209          | 626           | 2          |
| 56-60        | 28                 | 24         | 4          |            | 8                     | 4          | 4          |            | 2,284               | 1,135         | 1,148         | 1          | 585                    | 139          | 446           |            |
| 61-65        | 23                 | 19         | 4          |            | 6                     | 3          | 3          |            | 1,562               | 827           | 735           |            | 473                    | 101          | 372           |            |
| 66-70        | 23                 | 15         | 8          |            | 2                     |            | 2          |            | 1,135               | 593           | 538           | 4          | 403                    | 81           | 322           |            |
| Over 70      | 59                 | 38         | 21         |            | 29                    | 8          | 21         |            | 2,229               | 1,163         | 1,064         | 2          | 925                    | 219          | 706           |            |
| Unknown      | 4                  | 1          |            | 3          | 2                     | 2          |            |            | 186                 | 8             | 5             | 173        | 593                    | 247          | 343           | 3          |
| <b>Total</b> | <b>583</b>         | <b>449</b> | <b>131</b> | <b>3</b>   | <b>242</b>            | <b>131</b> | <b>111</b> |            | <b>53,801</b>       | <b>26,674</b> | <b>26,861</b> | <b>266</b> | <b>23,195</b>          | <b>9,403</b> | <b>13,742</b> | <b>50</b>  |

# What Happened in DMV Districts in 2002

In 2002:



| Jurisdiction           | Total          |            |               | Alcohol-Related |            |              | Licensed Drivers | Death Rate Per Drivers** |
|------------------------|----------------|------------|---------------|-----------------|------------|--------------|------------------|--------------------------|
|                        | Crashes        | Fatalities | Injuries      | Crashes         | Fatalities | Injuries     |                  |                          |
| Bristol District       | 11,873         | 98         | 7,132         | 1,068           | 29         | 877          | 396,208          | 0.25                     |
| Roanoke District       | 17,207         | 146        | 9,020         | 1,488           | 68         | 1,104        | 589,474          | 0.25                     |
| Staunton District      | 20,214         | 143        | 9,952         | 1,714           | 61         | 1,179        | 670,118          | 0.21                     |
| Fairfax District       | 36,153         | 124        | 18,546        | 2,581           | 53         | 1,685        | 1,468,321        | 0.08                     |
| Richmond District      | 29,913         | 248        | 15,815        | 2,329           | 95         | 1,726        | 949,932          | 0.26                     |
| Portsmouth District    | 32,376         | 154        | 18,431        | 2,608           | 69         | 1,894        | 1,058,729        | 0.15                     |
| Out of State Residents |                |            |               |                 |            |              | 42,156           |                          |
| Other*                 |                |            |               |                 |            |              | 6,534            |                          |
| Unknown                | 1              |            |               |                 |            |              | 1,025            |                          |
| <b>Total</b>           | <b>147,737</b> | <b>913</b> | <b>78,896</b> | <b>11,788</b>   | <b>375</b> | <b>8,465</b> | <b>5,182,497</b> | <b>0.18</b>              |

\*Other includes Military and out of U.S.A.

\*\*Death rate per 1,000 Virginia licensed drivers

# What Happened in Virginia Counties

In 2002:

| Jurisdiction      | Total   |            |          | Alcohol-Related |            |          | Licensed Drivers* | Death Rate Per Drivers** |
|-------------------|---------|------------|----------|-----------------|------------|----------|-------------------|--------------------------|
|                   | Crashes | Fatalities | Injuries | Crashes         | Fatalities | Injuries |                   |                          |
| <b>Counties</b>   |         |            |          |                 |            |          |                   |                          |
| Accomack Co.      | 664     | 13         | 482      | 75              | 6          | 70       | 24,006            | 0.54                     |
| Albemarle Co.     | 2,358   | 21         | 1,089    | 159             | 8          | 100      | 59,082            | 0.36                     |
| Alleghany Co.     | 361     | 2          | 203      | 51              |            | 36       | 12,578            | 0.16                     |
| Amelia Co.        | 152     | 5          | 128      | 14              |            | 12       | 8,543             | 0.59                     |
| Amherst Co.       | 568     | 4          | 275      | 52              | 2          | 30       | 21,584            | 0.19                     |
| Appomattox Co.    | 247     | 4          | 131      | 23              | 3          | 20       | 10,187            | 0.39                     |
| Arlington Co.     | 3,210   | 12         | 1,658    | 358             | 7          | 190      | 152,781           | 0.08                     |
| Augusta Co.       | 1,432   | 11         | 768      | 129             | 6          | 92       | 51,611            | 0.21                     |
| Bath Co.          | 106     | 2          | 71       | 22              |            | 14       | 4,090             | 0.49                     |
| Bedford Co.       | 1,004   | 10         | 560      | 88              | 5          | 82       | 47,643            | 0.21                     |
| Bland Co.         | 192     | 2          | 124      | 16              |            | 12       | 4,924             | 0.41                     |
| Botetourt Co.     | 684     | 9          | 359      | 66              | 5          | 44       | 23,346            | 0.39                     |
| Brunswick Co.     | 333     | 7          | 260      | 37              | 2          | 39       | 10,678            | 0.66                     |
| Buchanan Co.      | 506     | 7          | 410      | 70              | 1          | 70       | 19,323            | 0.36                     |
| Buckingham Co.    | 222     | 4          | 156      | 32              | 3          | 26       | 9,381             | 0.43                     |
| Campbell Co.      | 788     | 16         | 531      | 70              | 4          | 64       | 36,776            | 0.44                     |
| Caroline Co.      | 627     | 17         | 398      | 66              | 4          | 68       | 16,134            | 1.05                     |
| Carroll Co.       | 637     | 5          | 383      | 50              | 2          | 45       | 21,486            | 0.23                     |
| Charles City Co.  | 91      | 6          | 78       | 14              | 2          | 11       | 5,333             | 1.13                     |
| Charlotte Co.     | 147     | 3          | 109      | 14              | 1          | 14       | 8,670             | 0.35                     |
| Chesterfield Co.  | 5,654   | 40         | 2,493    | 441             | 13         | 290      | 198,177           | 0.20                     |
| Clarke Co.        | 266     |            | 109      | 29              |            | 17       | 9,622             |                          |
| Craig Co.         | 106     | 4          | 69       | 11              | 1          | 10       | 3,801             | 1.05                     |
| Culpeper Co.      | 783     | 9          | 483      | 89              | 4          | 73       | 25,903            | 0.35                     |
| Cumberland Co.    | 142     | 3          | 110      | 24              |            | 24       | 6,340             | 0.47                     |
| Dickenson Co.     | 315     | 3          | 209      | 39              |            | 25       | 11,936            | 0.25                     |
| Dinwiddie Co.     | 431     | 7          | 306      | 48              | 1          | 38       | 16,572            | 0.42                     |
| Essex Co.         | 243     | 4          | 139      | 25              | 1          | 16       | 7,456             | 0.54                     |
| Fairfax Co.       | 18,866  | 64         | 9,657    | 1,250           | 25         | 827      | 755,808           | 0.08                     |
| Fauquier Co.      | 1,375   | 10         | 653      | 124             | 3          | 85       | 44,575            | 0.22                     |
| Floyd Co.         | 205     | 1          | 108      | 23              |            | 17       | 10,631            | 0.09                     |
| Fluvanna Co.      | 272     | 2          | 171      | 38              | 1          | 34       | 16,013            | 0.12                     |
| Franklin Co.      | 910     | 7          | 542      | 121             | 6          | 95       | 36,586            | 0.19                     |
| Frederick Co.     | 1,019   | 14         | 641      | 115             | 7          | 107      | 47,782            | 0.29                     |
| Giles Co.         | 271     | 4          | 155      | 23              | 1          | 13       | 12,324            | 0.32                     |
| Gloucester Co.    | 494     | 5          | 407      | 56              | 3          | 56       | 26,749            | 0.19                     |
| Goochland Co.     | 396     | 4          | 224      | 28              | 2          | 21       | 13,111            | 0.31                     |
| Grayson Co.       | 312     | 5          | 210      | 28              | 4          | 16       | 12,434            | 0.40                     |
| Greene Co.        | 244     | 2          | 191      | 26              | 1          | 21       | 11,434            | 0.17                     |
| Greensville Co.   | 288     | 6          | 192      | 35              |            | 29       | 6,245             | 0.96                     |
| Halifax Co.       | 664     | 11         | 434      | 81              | 6          | 97       | 26,231            | 0.42                     |
| Hanover Co.       | 1,761   | 12         | 959      | 129             | 4          | 85       | 68,118            | 0.18                     |
| Henrico Co.       | 6,036   | 22         | 2,862    | 337             | 8          | 219      | 194,605           | 0.11                     |
| Henry Co.         | 1,176   | 12         | 869      | 111             | 6          | 99       | 41,507            | 0.29                     |
| Highland Co.      | 51      |            | 32       | 5               |            | 2        | 2,030             |                          |
| Isle of Wight Co. | 568     | 5          | 370      | 76              | 1          | 65       | 22,959            | 0.22                     |
| James City Co.    | 558     | 6          | 383      | 42              | 2          | 52       | 37,692            | 0.16                     |
| King & Queen Co.  | 110     | 3          | 84       | 15              | 1          | 25       | 4,927             | 0.61                     |
| King George Co.   | 347     | 5          | 202      | 46              | 2          | 42       | 12,464            | 0.40                     |
| King William Co.  | 208     | 9          | 108      | 10              | 5          | 4        | 10,079            | 0.89                     |
| Lancaster Co.     | 124     |            | 59       | 20              |            | 12       | 9,212             |                          |
| Lee Co.           | 394     | 2          | 310      | 55              |            | 63       | 16,200            | 0.12                     |
| Loudoun Co.       | 3,725   | 16         | 1,654    | 259             | 9          | 171      | 149,919           | 0.11                     |

| Jurisdiction       | Total         |            |               | Alcohol-Related |            |              | Licensed Drivers* | Death Rate Per Drivers** |
|--------------------|---------------|------------|---------------|-----------------|------------|--------------|-------------------|--------------------------|
|                    | Crashes       | Fatalities | Injuries      | Crashes         | Fatalities | Injuries     |                   |                          |
| <b>Counties</b>    |               |            |               |                 |            |              |                   |                          |
| Louisa Co.         | 491           | 5          | 329           | 64              | 3          | 59           | 20,108            | 0.25                     |
| Lunenburg Co.      | 154           | 7          | 107           | 19              | 3          | 13           | 8,575             | 0.82                     |
| Madison Co.        | 216           | 3          | 148           | 24              | 1          | 26           | 9,534             | 0.31                     |
| Mathews Co.        | 99            | 2          | 52            | 11              |            | 9            | 7,168             | 0.28                     |
| Mecklenburg Co.    | 500           | 8          | 314           | 37              | 4          | 32           | 22,412            | 0.36                     |
| Middlesex Co.      | 137           | 4          | 109           | 20              | 3          | 15           | 8,147             | 0.49                     |
| Montgomery Co.     | 2,086         | 10         | 969           | 178             | 3          | 132          | 51,687            | 0.19                     |
| Nelson Co.         | 310           | 9          | 177           | 38              | 5          | 26           | 11,183            | 0.80                     |
| New Kent Co.       | 327           | 4          | 231           | 33              | 3          | 37           | 10,991            | 0.36                     |
| Northampton Co.    | 278           | 4          | 172           | 33              | 1          | 40           | 8,403             | 0.48                     |
| Northumberland Co. | 158           | 1          | 97            | 17              |            | 14           | 9,536             | 0.10                     |
| Nottoway Co.       | 230           | 4          | 167           | 35              | 2          | 27           | 9,762             | 0.41                     |
| Orange Co.         | 448           | 8          | 278           | 39              | 2          | 32           | 20,943            | 0.38                     |
| Page Co.           | 328           | 2          | 215           | 34              | 1          | 33           | 17,041            | 0.12                     |
| Patrick Co.        | 309           | 6          | 174           | 34              | 1          | 20           | 13,816            | 0.43                     |
| Pittsylvania Co.   | 1,014         | 25         | 673           | 102             | 19         | 93           | 45,807            | 0.55                     |
| Powhatan Co.       | 284           | 1          | 170           | 31              | 1          | 25           | 16,547            | 0.06                     |
| Prince Edward Co.  | 336           | 3          | 223           | 30              | 1          | 26           | 11,358            | 0.26                     |
| Prince George Co.  | 488           | 9          | 316           | 34              | 4          | 40           | 20,117            | 0.45                     |
| Prince William Co. | 5,899         | 23         | 3,246         | 443             | 10         | 284          | 218,316           | 0.11                     |
| Pulaski Co.        | 714           | 9          | 387           | 45              | 3          | 35           | 24,568            | 0.37                     |
| Rappahannock Co.   | 139           |            | 87            | 10              |            | 8            | 6,059             |                          |
| Richmond Co.       | 69            | 2          | 62            | 11              | 2          | 12           | 6,449             | 0.31                     |
| Roanoke Co.        | 1,547         | 8          | 657           | 115             | 3          | 72           | 67,498            | 0.12                     |
| Rockbridge Co.     | 599           | 10         | 352           | 54              | 1          | 39           | 15,923            | 0.63                     |
| Rockingham Co.     | 1,101         | 10         | 607           | 115             | 3          | 76           | 50,165            | 0.20                     |
| Russell Co.        | 521           | 5          | 357           | 58              | 2          | 43           | 21,104            | 0.24                     |
| Scott Co.          | 514           | 6          | 362           | 39              |            | 32           | 16,995            | 0.35                     |
| Shenandoah Co.     | 797           | 11         | 350           | 91              | 6          | 54           | 28,358            | 0.39                     |
| Smyth Co.          | 555           | 7          | 378           | 64              | 3          | 56           | 23,327            | 0.30                     |
| Southampton Co.    | 277           | 3          | 219           | 32              | 1          | 32           | 11,835            | 0.25                     |
| Spotsylvania Co.   | 1,928         | 16         | 1,037         | 160             | 8          | 120          | 71,701            | 0.22                     |
| Stafford Co.       | 1,640         | 8          | 729           | 103             | 1          | 69           | 70,069            | 0.11                     |
| Surry Co.          | 107           | 1          | 60            | 13              |            | 5            | 4,863             | 0.21                     |
| Sussex Co.         | 260           | 12         | 196           | 26              | 3          | 18           | 6,515             | 1.84                     |
| Tazewell Co.       | 919           | 7          | 630           | 83              | 2          | 86           | 33,648            | 0.21                     |
| Warren Co.         | 620           | 4          | 324           | 69              | 3          | 41           | 24,610            | 0.16                     |
| Washington Co.     | 1,275         | 9          | 859           | 114             | 4          | 102          | 39,397            | 0.23                     |
| Westmoreland Co.   | 207           | 6          | 137           | 38              | 6          | 32           | 12,308            | 0.49                     |
| Wise Co.           | 736           | 8          | 431           | 68              | 2          | 51           | 28,939            | 0.28                     |
| Wythe Co.          | 675           | 7          | 351           | 47              | 2          | 32           | 21,323            | 0.33                     |
| York Co.           | 896           | 9          | 592           | 64              | 3          | 45           | 40,576            | 0.22                     |
| <b>Total</b>       | <b>92,831</b> | <b>753</b> | <b>50,899</b> | <b>7,840</b>    | <b>303</b> | <b>5,832</b> | <b>3,585,279</b>  | <b>0.21</b>              |

NOTE: Figures for counties include the counts for incorporated towns within those counties (not independent cities, however).

\* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

\*\* Death rate per 1,000 Virginia licensed drivers in each locality.

# What Happened in Virginia Cities

## In 2002:

| Jurisdiction          | Total         |            |               | Alcohol-Related |            |              | Licensed Drivers* | Death Rate Per Drivers** |
|-----------------------|---------------|------------|---------------|-----------------|------------|--------------|-------------------|--------------------------|
|                       | Crashes       | Fatalities | Injuries      | Crashes         | Fatalities | Injuries     |                   |                          |
| <b>Cities</b>         |               |            |               |                 |            |              |                   |                          |
| Alexandria City       | 2,306         | 6          | 1,395         | 130             | 2          | 128          | 125,880           | 0.05                     |
| Bedford City          | 133           |            | 58            | 4               |            | 3            | 3,910             |                          |
| Bristol City          | 553           |            | 261           | 30              |            | 20           | 11,352            |                          |
| Buena Vista City      | 2             |            |               |                 |            |              | 4,194             |                          |
| Charlottesville City  | 1,270         | 1          | 464           | 86              |            | 40           | 26,466            | 0.04                     |
| Chesapeake City       | 3,141         | 19         | 2,095         | 273             | 7          | 232          | 138,549           | 0.14                     |
| Colonial Heights City | 538           | 2          | 317           | 27              | 1          | 16           | 13,584            | 0.15                     |
| Covington City        | 87            |            | 40            | 3               |            | 1            | 4,442             |                          |
| Danville City         | 1,460         | 2          | 780           | 95              | 1          | 73           | 29,413            | 0.07                     |
| Emporia City          | 184           | 2          | 123           | 11              |            | 6            | 3,037             | 0.66                     |
| Fairfax City          | 928           | 1          | 383           | 51              |            | 31           | 12,737            | 0.08                     |
| Falls Church City     | 268           | 1          | 118           | 13              |            | 8            | 19,923            | 0.05                     |
| Franklin City         | 74            |            | 31            | 3               |            | 3            | 5,295             |                          |
| Fredericksburg City   | 838           | 1          | 310           | 60              | 1          | 42           | 15,503            | 0.06                     |
| Galax City            | 198           |            | 112           | 16              |            | 13           | 4,552             |                          |
| Hampton City          | 3,663         | 10         | 1,963         | 232             | 8          | 128          | 87,609            | 0.11                     |
| Harrisonburg City     | 1,161         | 2          | 471           | 78              | 1          | 50           | 20,686            | 0.10                     |
| Hopewell City         | 426           | 1          | 258           | 39              |            | 24           | 14,737            | 0.07                     |
| Lexington City        | 139           |            | 30            | 7               |            | 1            | 3,398             |                          |
| Lynchburg City        | 1,625         | 1          | 694           | 113             |            | 60           | 39,369            | 0.03                     |
| Manassas City         | 846           | 1          | 390           | 65              |            | 37           | 26,154            | 0.04                     |
| Manassas Park City    | 105           |            | 45            | 12              |            | 9            | 6,803             |                          |
| Martinsville City     | 386           |            | 197           | 26              |            | 12           | 9,568             |                          |
| Newport News City     | 3,861         | 11         | 2,287         | 278             | 5          | 213          | 111,635           | 0.10                     |
| Norfolk City          | 5,705         | 10         | 3,062         | 463             | 5          | 305          | 122,312           | 0.08                     |
| Norton City           | 102           |            | 47            | 5               |            | 6            | 2,346             |                          |
| Petersburg City       | 717           | 4          | 395           | 56              | 3          | 48           | 20,239            | 0.20                     |
| Poquoson City         | 91            |            | 54            | 4               |            | 4            | 8,590             |                          |
| Portsmouth City       | 1,928         | 9          | 1,209         | 158             | 6          | 99           | 58,005            | 0.16                     |
| Radford City          | 193           | 1          | 79            | 17              |            | 8            | 7,712             | 0.13                     |
| Richmond City         | 6,863         | 16         | 3,275         | 429             | 7          | 282          | 117,259           | 0.14                     |
| Roanoke City          | 2,551         | 8          | 974           | 191             | 4          | 115          | 61,606            | 0.13                     |
| Salem City            | 594           | 2          | 238           | 34              |            | 10           | 17,531            | 0.11                     |
| Staunton City         | 608           |            | 307           | 47              |            | 35           | 15,297            |                          |
| Suffolk City          | 1,379         | 20         | 941           | 107             | 8          | 113          | 46,022            | 0.43                     |
| Va. Beach City        | 8,478         | 27         | 4,009         | 689             | 13         | 422          | 291,520           | 0.09                     |
| Waynesboro City       | 462           | 1          | 200           | 28              |            | 11           | 13,563            | 0.07                     |
| Williamsburg City     | 222           | 1          | 103           | 12              |            | 6            | 9,804             | 0.10                     |
| Winchester City       | 820           |            | 282           | 56              |            | 19           | 16,901            |                          |
| <b>TOTAL</b>          | <b>54,905</b> | <b>160</b> | <b>27,997</b> | <b>3,948</b>    | <b>72</b>  | <b>2,633</b> | <b>1,547,503</b>  | <b>0.10</b>              |

\* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

\*\* Death rate per 1,000 Virginia licensed drivers in each locality.

Note: Clifton Forge has reverted to town status and their figures are included in Alleghany County.

# What Happened in Virginia Towns

## In 2002:

| Jurisdiction        | Total   |            |          | Alcohol-Related |            |          |
|---------------------|---------|------------|----------|-----------------|------------|----------|
|                     | Crashes | Fatalities | Injuries | Crashes         | Fatalities | Injuries |
| <b>Towns</b>        |         |            |          |                 |            |          |
| Abingdon            | 279     |            | 134      | 10              |            | 9        |
| Accomac             | 5       |            | 3        | 1               |            | 1        |
| Alberta             |         |            |          |                 |            |          |
| Altavista           | 47      |            | 39       | 4               |            | 6        |
| Amherst             | 34      |            | 13       |                 |            |          |
| Appalachia          | 9       |            | 8        | 1               |            | 1        |
| Appomattox          | 28      |            | 12       | 3               |            | 4        |
| Ashland             | 94      |            | 32       | 7               |            | 4        |
| Belle Haven         | 2       |            | 3        |                 |            |          |
| Berryville          | 11      |            | 6        |                 |            |          |
| Big Stone Gap       | 64      |            | 19       | 7               |            | 7        |
| Blacksburg          | 558     | 2          | 207      | 53              |            | 27       |
| Blackstone          | 29      |            | 13       | 2               |            | 2        |
| Bloxom              | 1       |            |          |                 |            |          |
| Bluefield           | 85      |            | 61       | 4               |            | 6        |
| Boones Mill         | 3       |            | 1        |                 |            |          |
| Bowling Green       | 1       |            |          |                 |            |          |
| Boyce               |         |            |          |                 |            |          |
| Boydton             |         |            |          |                 |            |          |
| Boykins             | 3       |            |          | 1               |            |          |
| Branchville         |         |            |          |                 |            |          |
| Bridgewater         | 51      | 1          | 15       | 1               |            |          |
| Broadway            | 23      |            | 7        |                 |            |          |
| Brodnax             | 1       |            | 1        |                 |            |          |
| Brookneal           | 4       |            | 2        |                 |            |          |
| Buchanan            | 5       |            |          | 1               |            |          |
| Burkeville          | 2       |            | 1        |                 |            |          |
| Cape Charles        | 3       |            |          |                 |            |          |
| Capron              |         |            |          |                 |            |          |
| Cedar Bluff         | 6       |            | 2        |                 |            |          |
| Charlotte Ct. House | 4       |            |          |                 |            |          |
| Chase City          | 14      |            | 6        |                 |            |          |
| Chatham             | 8       |            | 2        |                 |            |          |
| Cheriton            | 5       |            | 1        |                 |            |          |
| Chilhowie           | 17      |            | 10       | 3               |            | 1        |
| Chincoteague        | 39      |            | 15       | 2               |            | 1        |
| Christiansburg      | 482     | 1          | 232      | 15              |            | 19       |
| Claremont           | 1       |            |          |                 |            |          |
| Clarksville         | 25      |            | 15       | 3               |            | 2        |
| Cleveland           |         |            |          |                 |            |          |
| Clifton             | 1       |            | 1        |                 |            |          |
| Clifton Forge       | 27      | 1          | 16       | 3               |            | 1        |
| Clinchport          |         |            |          |                 |            |          |
| Clintwood           | 21      |            | 11       | 2               |            | 1        |
| Clover              | 1       |            |          |                 |            |          |
| Coeburn             | 17      | 1          | 11       | 3               | 1          | 2        |
| Colonial Beach      | 16      |            | 14       | 5               |            | 2        |
| Columbia            | 1       |            |          |                 |            |          |
| Courtland           | 1       |            | 2        |                 |            |          |
| Craigsville         | 2       |            | 3        |                 |            |          |
| Crewe               | 18      |            | 13       | 3               |            |          |
| Culpeper            | 134     |            | 76       | 9               |            | 9        |
| Damascus            | 4       |            | 5        |                 |            |          |

| Jurisdiction  | Total   |            |          | Alcohol-Related |            |          |
|---------------|---------|------------|----------|-----------------|------------|----------|
|               | Crashes | Fatalities | Injuries | Crashes         | Fatalities | Injuries |
| <b>Towns</b>  |         |            |          |                 |            |          |
| Dayton        | 11      |            | 8        | 1               |            |          |
| Dendron       |         |            |          |                 |            |          |
| Dillwyn       | 1       |            |          |                 |            |          |
| Drakes Branch |         |            |          |                 |            |          |
| Dublin        | 39      |            | 8        | 1               |            |          |
| Duffield      | 3       |            | 3        |                 |            |          |
| Dumfries      | 61      |            | 29       | 4               |            | 4        |
| Dungannon     |         |            |          |                 |            |          |
| Eastville     | 6       |            | 2        |                 |            |          |
| Edinburg      | 5       |            | 6        |                 |            |          |
| Elkton        | 16      |            | 12       |                 |            |          |
| Exmore        | 16      |            | 9        | 2               |            |          |
| Farmville     | 103     | 1          | 58       | 2               |            | 1        |
| Fincastle     | 3       |            | 1        |                 |            |          |
| Floyd         | 4       |            | 2        |                 |            |          |
| Fries         | 2       |            | 1        |                 |            |          |
| Front Royal   | 174     |            | 72       | 16              |            | 7        |
| Gate City     | 42      |            | 28       | 2               |            |          |
| Glade Spring  | 4       |            | 3        |                 |            |          |
| Glasgow       | 1       |            |          |                 |            |          |
| Glen Lyn      | 3       |            | 1        |                 |            |          |
| Gordonsville  | 5       |            |          |                 |            |          |
| Goshen        |         |            |          |                 |            |          |
| Gretna        | 4       |            | 1        |                 |            |          |
| Grottoes      | 2       |            |          |                 |            |          |
| Grundy        | 21      |            | 19       |                 |            |          |
| Halifax       | 21      |            | 13       |                 |            |          |
| Hallwood      |         |            |          |                 |            |          |
| Hamilton      | 1       |            |          |                 |            |          |
| Haymarket     | 19      |            | 7        |                 |            |          |
| Haysi         | 8       |            | 6        |                 |            |          |
| Herndon       | 335     | 1          | 125      | 20              |            | 7        |
| Hillsboro     | 1       |            | 1        |                 |            |          |
| Hillsville    | 36      |            | 9        |                 |            |          |
| Honaker       |         |            |          |                 |            |          |
| Hurt          | 13      |            | 7        | 1               |            | 1        |
| Independence  | 13      |            | 1        | 1               |            |          |
| Iron Gate     | 1       |            | 1        |                 |            |          |
| Irvington     | 1       |            |          | 1               |            |          |
| Ivor          |         |            |          |                 |            |          |
| Jarratt       | 2       |            | 1        |                 |            |          |
| Jonesville    | 13      |            | 2        | 1               |            |          |
| Keller        | 4       |            | 5        |                 |            |          |
| Kenbridge     | 8       |            | 13       |                 |            |          |
| Keysville     | 2       |            | 1        |                 |            |          |
| Kilmarnock    | 32      |            | 23       |                 |            |          |
| La Crosse     | 5       |            | 3        | 1               |            |          |
| Lawrenceville | 3       |            | 2        |                 |            |          |
| Lebanon       | 55      |            | 25       | 3               |            | 2        |
| Leesburg      | 407     |            | 175      | 26              |            | 19       |
| Louisa        | 18      |            | 5        |                 |            |          |
| Lovettsville  |         |            |          |                 |            |          |
| Luray         | 61      |            | 41       | 2               |            | 6        |
| Madison       |         |            |          |                 |            |          |
| Marion        | 97      |            | 48       | 5               |            | 4        |
| McKenney      |         |            |          |                 |            |          |
| Melfa         | 8       |            | 2        |                 |            |          |

| Jurisdiction   | Total   |            |          | Alcohol-Related |            |          |
|----------------|---------|------------|----------|-----------------|------------|----------|
|                | Crashes | Fatalities | Injuries | Crashes         | Fatalities | Injuries |
| <b>Towns</b>   |         |            |          |                 |            |          |
| Middleburg     | 16      |            | 5        | 1               |            | 1        |
| Middletown     | 4       |            |          |                 |            |          |
| Mineral        | 6       |            | 4        |                 |            |          |
| Monterey       | 1       |            |          | 1               |            |          |
| Montross       | 4       |            | 4        | 1               |            | 2        |
| Mt. Crawford   |         |            |          |                 |            |          |
| Mt. Jackson    | 19      |            | 17       | 3               |            | 2        |
| Narrows        | 8       |            | 2        | 2               |            |          |
| Nassawadox     | 6       |            | 3        | 3               |            | 2        |
| New Castle     | 2       |            | 1        |                 |            |          |
| New Market     | 15      |            | 1        |                 |            |          |
| Newsoms        | 1       |            | 1        |                 |            |          |
| Nickelsville   |         |            |          |                 |            |          |
| Occoquan       | 3       |            |          |                 |            |          |
| Onancock       | 8       |            | 2        |                 |            |          |
| Onley          | 13      |            | 7        | 1               |            |          |
| Orange         | 58      |            | 18       | 3               |            | 1        |
| Painter        | 3       |            | 4        |                 |            |          |
| Pamplin City   |         |            |          |                 |            |          |
| Parksley       | 4       |            | 1        |                 |            |          |
| Pearisburg     | 17      |            | 7        |                 |            |          |
| Pembroke       | 7       |            | 7        |                 |            |          |
| Pennington Gap | 31      |            | 16       | 1               |            | 2        |
| Phenix         | 4       |            | 5        | 1               |            |          |
| Pocahontas     | 2       |            | 2        |                 |            |          |
| Port Royal     | 1       |            | 1        |                 |            |          |
| Pound          | 31      |            | 19       |                 |            |          |
| Pulaski        | 105     |            | 41       | 11              |            | 6        |
| Purcellville   | 60      |            | 14       | 2               |            | 2        |
| Quantico       | 2       |            | 2        |                 |            |          |
| Remington      | 3       |            | 2        |                 |            |          |
| Rich Creek     | 1       |            | 3        |                 |            |          |
| Richlands      | 88      |            | 54       | 4               |            | 1        |
| Ridgeway       | 2       |            | 2        |                 |            |          |
| Rocky Mount    | 139     | 1          | 42       | 10              | 1          | 4        |
| Round Hill     |         |            |          |                 |            |          |
| Rural Retreat  | 6       |            |          |                 |            |          |
| Saint Charles  |         |            |          |                 |            |          |
| Saint Paul     | 11      |            | 6        |                 |            |          |
| Saltville      | 14      |            | 5        |                 |            |          |
| Saxis          |         |            |          |                 |            |          |
| Scottsburg     |         |            |          |                 |            |          |
| Scottsville    | 13      |            | 7        | 1               |            | 1        |
| Shenandoah     | 16      |            | 2        | 2               |            | 1        |
| Smithfield     | 75      | 1          | 48       | 7               |            | 8        |
| South Boston   | 131     |            | 56       | 8               |            | 7        |
| South Hill     | 54      |            | 36       | 2               |            | 1        |
| Stanardsville  | 20      |            | 9        |                 |            |          |
| Stanley        | 3       |            | 1        |                 |            |          |
| Stephens City  | 13      |            | 4        | 1               |            | 1        |
| Stony Creek    | 3       |            |          |                 |            |          |
| Strasburg      | 29      |            | 12       | 3               |            | 1        |
| Stuart         | 8       |            |          | 1               |            |          |
| Surry          | 3       |            | 2        |                 |            |          |
| Tangier        |         |            |          |                 |            |          |
| Tappahannock   | 100     |            | 56       | 6               |            |          |
| Tazewell       | 55      |            | 23       | 2               |            | 1        |
| The Plains     |         |            |          |                 |            |          |
| Timberville    | 12      |            | 6        |                 |            |          |
| Toms Brook     | 3       |            | 1        |                 |            |          |

| Jurisdiction | Total        |            |              | Alcohol-Related |            |            |
|--------------|--------------|------------|--------------|-----------------|------------|------------|
|              | Crashes      | Fatalities | Injuries     | Crashes         | Fatalities | Injuries   |
| <b>Towns</b> |              |            |              |                 |            |            |
| Troutdale    |              |            |              |                 |            |            |
| Troutville   | 3            | 1          | 3            |                 |            |            |
| Urbanna      |              |            |              |                 |            |            |
| Victoria     | 12           |            | 7            |                 |            |            |
| Vienna       | 189          |            | 64           | 6               |            | 2          |
| Vinton       | 154          | 2          | 50           | 9               |            | 6          |
| Virgilina    |              |            |              |                 |            |            |
| Wachapreague |              |            |              |                 |            |            |
| Wakefield    | 9            | 1          | 6            | 2               | 1          | 1          |
| Warrenton    | 170          |            | 45           | 6               |            | 3          |
| Warsaw       | 13           |            | 12           |                 |            |            |
| Washington   | 5            |            | 6            |                 |            |            |
| Waverly      | 17           |            | 7            | 1               |            |            |
| Weber City   | 25           |            | 11           | 1               |            |            |
| West Point   | 15           |            | 6            | 1               |            |            |
| White Stone  | 5            |            | 1            |                 |            |            |
| Windsor      | 17           |            | 5            | 2               |            |            |
| Wise         | 98           |            | 45           | 4               |            | 1          |
| Woodstock    | 67           |            | 28           |                 |            |            |
| Wytheville   | 118          | 1          | 53           | 4               |            | 2          |
| <b>Total</b> | <b>6,026</b> | <b>15</b>  | <b>2,701</b> | <b>345</b>      | <b>3</b>   | <b>215</b> |

**NOTE:** Figures for incorporated towns are included in the counties.

# Virginia Driving Trends

## Summary: 1993- 2002

| Year | Death Rate* | Vehicles Registered | Licensed Drivers | Gasoline Consumption** | Vehicular Mileage*** | Total   |            |          | Alcohol-Related**** |            |          |
|------|-------------|---------------------|------------------|------------------------|----------------------|---------|------------|----------|---------------------|------------|----------|
|      |             |                     |                  |                        |                      | Crashes | Fatalities | Injuries | Crashes             | Fatalities | Injuries |
| 1993 | 1.34        | 5,230,009           | 4,818,898        | 3,722.4                | 65,419               | 120,265 | 875        | 77,852   | 12,854              | 397        | 10,812   |
| 1994 | 1.35        | 5,383,522           | 4,845,028        | 3,829.1                | 67,609               | 126,637 | 925        | 82,146   | 11,997              | 376        | 10,258   |
| 1995 | 1.28        | 5,485,309           | 4,884,271        | 3,955.5                | 69,811               | 127,126 | 900        | 82,400   | 11,400              | 360        | 9,381    |
| 1996 | 1.21        | 5,636,956           | 4,957,577        | 4,054.2                | 71,309               | 131,088 | 869        | 82,363   | 11,220              | 346        | 9,083    |
| 1997 | 1.32        | 5,724,096           | 5,021,813        | 4,225.4                | 74,142               | 129,980 | 981        | 81,866   | 11,340              | 302        | 9,124    |
| 1998 | 1.22        | 5,874,607           | 4,846,666        | 4,317.9                | 76,262               | 136,138 | 934        | 81,221   | 11,027              | 336        | 8,555    |
| 1999 | 1.10        | 6,083,902           | 4,942,186        | 4,519.1                | 79,463               | 139,573 | 877        | 81,204   | 10,942              | 364        | 8,359    |
| 2000 | 1.16        | 6,313,411           | 5,034,297        | 4,575.3                | 80,452               | 141,650 | 930        | 79,806   | 11,085              | 355        | 8,251    |
| 2001 | 1.08        | 6,490,834           | 5,100,631        | 4,705.2                | 86,969               | 144,585 | 935        | 80,187   | 11,265              | 358        | 8,211    |
| 2002 | 1.21        | 6,659,560           | 5,182,497        | 4,922.5                | 75,263               | 147,737 | 913        | 78,896   | 11,788              | 375        | 8,465    |

\*Per 100 million miles with 2002 estimated.

\*\*In millions with 2002 estimated.

\*\*\*In millions with 2002 mileage estimated. Mileage estimated from 1993-2001 was calculated using gasoline consumption; starting in 2002 annual vehicle miles of travel will be based on vehicle count using a program developed by the Virginia Department of Transportation's Traffic Monitoring System.

\*\*\*\*Determined using medical examiner data in addition to police reports.

## Deaths on Major Holidays

| Year | Memorial Day | No. Days | 4 <sup>th</sup> of July | No. Days | Labor Day | No. Days | Thanks-giving | No. Days | Christmas | No. Days | New Years | No. Days |
|------|--------------|----------|-------------------------|----------|-----------|----------|---------------|----------|-----------|----------|-----------|----------|
| 1993 | 11           | 4        | 11                      | 4        | 8         | 4        | 14            | 5        | 8         | 3        | 8         | 3        |
| 1994 | 13           | 4        | 8                       | 4        | 11        | 4        | 18            | 5        | 16        | 4        | 12        | 3        |
| 1995 | 10           | 4        | 11                      | 5        | 14        | 4        | 14            | 5        | 8         | 3        | 14        | 3        |
| 1996 | 10           | 4        | 14                      | 5        | 10        | 4        | 7             | 5        | 2         | 2        | 3         | 2        |
| 1997 | 13           | 4        | 22                      | 4        | 16        | 4        | 18            | 5        | 5         | 2        | 5         | 2        |
| 1998 | 12           | 4        | 16                      | 3        | 12        | 4        | 12            | 5        | 6         | 4        | 16        | 4        |
| 1999 | 14           | 4        | 11                      | 4        | 9         | 4        | 21            | 5        | 18        | 4        | 13        | 4        |
| 2000 | 14           | 4        | 8                       | 4        | 13        | 4        | 16            | 5        | 10        | 4        | 15        | 4        |
| 2001 | 10           | 4        | 5                       | 2        | 6         | 4        | 17            | 5        | 13        | 4        | 10        | 4        |
| 2002 | 12           | 4        | 2                       | 2        | 17        | 4        | 9             | 5        | 12        | 5        | 10        | 4        |

## Leading Causes of Death: 2001

| Virginia                                      |        | United States**                               |         |
|-----------------------------------------------|--------|-----------------------------------------------|---------|
| Major Cardiovascular Diseases                 | 20,109 | Heart Disease                                 | 710,760 |
| Malignant Neoplasms                           | 13,261 | Malignant Neoplasms                           | 553,091 |
| Cerebrovascular Diseases                      | 4,105  | Cerebrovascular Diseases                      | 167,661 |
| Chronic Lower Respiratory Diseases            | 2,729  | Chronic Lower Respiratory Diseases            | 122,009 |
| Diabetes Mellitus                             | 1,608  | Diabetes Mellitus                             | 69,301  |
| Influenza and Pneumonia                       | 1,474  | Influenza and Pneumonia                       | 65,313  |
| Digestive System Diseases                     | 1,414  | Alzheimer's Disease                           | 49,558  |
| Alzheimer's Disease                           | 1,182  | Motor Vehicle Crashes                         | 43,354  |
| Nephritis, Nephrotoxic Syndrome and Nephrosis | 1,120  | Nephritis, Nephrotoxic Syndrome and Nephrosis | 37,251  |
| Septicemia                                    | 1,085  | Septicemia (Blood Poisoning)                  | 31,224  |

\*Includes Virginians killed in traffic crashes outside the state. (Source: Virginia Department of Health, Virginia Center for Health Statistics)

\*\*These are the most recent statistics available – 2000 (Source: National Center for Health Statistics)

## Monthly Crashes/Fatalities/Injuries

|             | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>1993</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 8,991  | 8,653  | 9,061  | 9,417  | 10,052 | 9,624  | 9,959  | 9,843  | 10,391 | 11,736 | 10,489 | 12,049 |
| Fatalities  | 74     | 58     | 53     | 76     | 80     | 79     | 65     | 81     | 65     | 79     | 95     | 70     |
| Injuries    | 5,379  | 5,106  | 5,453  | 6,306  | 6,883  | 6,639  | 7,023  | 6,848  | 6,843  | 7,611  | 6,781  | 6,980  |
| <b>1994</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 11,891 | 8,785  | 9,906  | 9,683  | 10,523 | 10,191 | 10,875 | 10,630 | 10,285 | 11,444 | 11,406 | 11,018 |
| Fatalities  | 54     | 48     | 68     | 65     | 78     | 83     | 71     | 98     | 78     | 114    | 84     | 84     |
| Injuries    | 6,346  | 5,400  | 6,293  | 6,483  | 7,233  | 6,949  | 7,542  | 7,348  | 6,806  | 7,439  | 7,257  | 7,050  |
| <b>1995</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 10,017 | 8,362  | 9,686  | 9,908  | 10,941 | 11,229 | 10,391 | 10,729 | 10,874 | 12,063 | 11,546 | 11,380 |
| Fatalities  | 77     | 51     | 53     | 87     | 72     | 78     | 70     | 93     | 75     | 91     | 76     | 77     |
| Injuries    | 5,990  | 5,163  | 6,178  | 6,706  | 7,403  | 7,572  | 7,150  | 7,405  | 7,128  | 7,852  | 6,853  | 7,000  |
| <b>1996</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 10,115 | 10,595 | 9,763  | 9,972  | 11,073 | 10,725 | 10,904 | 10,863 | 11,062 | 12,140 | 11,537 | 12,339 |
| Fatalities  | 68     | 52     | 54     | 63     | 85     | 84     | 66     | 76     | 95     | 90     | 65     | 71     |
| Injuries    | 5,617  | 5,814  | 6,048  | 6,543  | 7,151  | 7,096  | 7,452  | 7,464  | 7,129  | 7,612  | 6,991  | 7,446  |
| <b>1997</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 10,102 | 9,191  | 10,492 | 11,133 | 10,990 | 10,748 | 10,756 | 10,452 | 10,485 | 12,118 | 11,655 | 11,858 |
| Fatalities  | 70     | 64     | 86     | 93     | 86     | 71     | 95     | 90     | 79     | 98     | 80     | 69     |
| Injuries    | 5,970  | 5,527  | 6,593  | 7,299  | 7,274  | 7,029  | 7,284  | 7,055  | 6,641  | 7,483  | 6,900  | 6,811  |
| <b>1998</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 11,243 | 9,436  | 10,623 | 11,091 | 12,112 | 11,164 | 10,759 | 10,890 | 10,825 | 12,472 | 11,814 | 13,709 |
| Fatalities  | 63     | 72     | 64     | 75     | 66     | 87     | 83     | 105    | 74     | 81     | 75     | 89     |
| Injuries    | 6,304  | 5,489  | 6,390  | 6,754  | 7,516  | 6,815  | 6,917  | 6,943  | 6,782  | 7,412  | 6,582  | 7,317  |
| <b>1999</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 10,130 | 9,444  | 10,844 | 11,132 | 11,627 | 11,694 | 11,557 | 11,039 | 12,651 | 13,246 | 12,901 | 13,308 |
| Fatalities  | 62     | 50     | 69     | 48     | 74     | 69     | 66     | 90     | 80     | 90     | 94     | 85     |
| Injuries    | 5,597  | 5,396  | 6,035  | 6,671  | 7,262  | 7,132  | 7,257  | 6,731  | 7,492  | 7,442  | 7,036  | 7,153  |
| <b>2000</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 11,285 | 9,774  | 10,765 | 11,555 | 12,138 | 12,327 | 11,281 | 11,936 | 12,076 | 12,742 | 12,896 | 12,875 |
| Fatalities  | 65     | 59     | 69     | 66     | 74     | 86     | 75     | 87     | 74     | 105    | 90     | 80     |
| Injuries    | 5,533  | 5,349  | 6,078  | 6,666  | 7,338  | 7,232  | 6,886  | 7,177  | 7,024  | 7,151  | 6,621  | 6,751  |
| <b>2001</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 11,220 | 10,824 | 10,987 | 11,155 | 12,195 | 12,045 | 11,860 | 11,865 | 11,667 | 13,623 | 14,322 | 12,822 |
| Fatalities  | 77     | 56     | 63     | 70     | 90     | 73     | 77     | 82     | 86     | 109    | 79     | 73     |
| Injuries    | 5,762  | 5,809  | 6,118  | 6,593  | 7,006  | 6,880  | 7,084  | 7,135  | 6,737  | 7,351  | 7,082  | 6,630  |
| <b>2002</b> |        |        |        |        |        |        |        |        |        |        |        |        |
| Crashes     | 12,034 | 10,040 | 11,857 | 11,782 | 12,664 | 12,208 | 11,939 | 12,401 | 12,228 | 13,935 | 13,748 | 12,901 |
| Fatalities  | 80     | 79     | 77     | 71     | 75     | 78     | 67     | 87     | 74     | 93     | 56     | 76     |
| Injuries    | 5,851  | 5,429  | 6,419  | 6,743  | 7,133  | 6,982  | 6,887  | 6,982  | 6,694  | 6,973  | 6,512  | 6,291  |

## Estimated Economic Cost: 1997-2001

|                                 | 1997           | 1998           | 1999           | 2000           | 2001           |
|---------------------------------|----------------|----------------|----------------|----------------|----------------|
| Fatalities                      | 961.4          | 915.3          | 850.7          | 930.0          | 972.4          |
| Injuries                        | 1,754.4        | 1,776.9        | 1,836.9        | 1,873.2        | 1,914.0        |
| Property Damage Crashes         | 475.9          | 515.0          | 535.6          | 562.3          | 575.6          |
| <b>Virginia MVC Cost</b>        | <b>3,191.7</b> | <b>3,207.2</b> | <b>3,223.2</b> | <b>3,365.5</b> | <b>3,462.0</b> |
| <b>U.S. MVC Cost</b>            | <b>200,300</b> | <b>191,600</b> | <b>181,500</b> | <b>201,500</b> | <b>199,600</b> |
| <b>U.S. Total Accident Cost</b> | <b>478,300</b> | <b>480,500</b> | <b>469,000</b> | <b>512,400</b> | <b>516,900</b> |

Note: Cost are in millions and based on the National Safety Council's annual cost estimates.  
MVC: Motor Vehicle Crash

# Virginia Crashes

## In 2002 there were:

- 913 persons killed
  - 583 drivers killed
  - 242 passengers killed
- 78,896 persons injured
  - 53,801 drivers injured
  - 23,195 passengers injured
- 147,737 crashes
  - 832 fatal crashes
  - 54,560 personal injury crashes
  - 92,345 property damage crashes

**NOTE:** This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

## The Driver

|                              | Drivers        | Percent      |
|------------------------------|----------------|--------------|
| <b>Driver Action</b>         |                |              |
| Ran Traffic Control          | 7,860          | 3.0          |
| Improper Passing             | 1,795          | 0.7          |
| Left of Center - Not Passing | 2,334          | 0.9          |
| Failure to Yield             | 22,903         | 8.9          |
| Inattention                  | 28,002         | 10.8         |
| Speed too Fast               | 16,152         | 6.2          |
| Improper Turn                | 4,267          | 1.7          |
| Improper Lane Change         | 2,996          | 1.2          |
| Following too Close          | 24,570         | 9.5          |
| Improper Backing             | 1,614          | 0.6          |
| Illegal or Improper Parking  | 332            | 0.1          |
| Lights Not On                | 131            | 0.1          |
| Hit and Run                  | 7,675          | 3.0          |
| Avoiding Pedestrian          | 135            | 0.1          |
| Avoiding Other Vehicle       | 3,942          | 1.5          |
| No Violation                 | 116,509        | 45.1         |
| Other                        | 17,339         | 6.7          |
| <b>Total</b>                 | <b>258,556</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>8,821</b>   |              |
| <b>Grand Total</b>           | <b>267,377</b> |              |

| <b>Drinking</b>               | <b>Drivers</b> | <b>Percent</b> |
|-------------------------------|----------------|----------------|
| <b>Driver Condition</b>       |                |                |
| Not Impaired                  | 243,608        | 95.4           |
| Drinking - Impaired           | 7,457          | 2.9            |
| Drinking - Not Impaired       | 1,874          | 0.7            |
| Drinking - Impairment Unknown | 2,328          | 0.9            |
| <b>Total</b>                  | <b>255,267</b> | <b>100.0</b>   |
| <b>Not Stated</b>             | <b>12,110</b>  |                |
| <b>Grand Total</b>            | <b>267,377</b> |                |

| <b>Physical</b>         | <b>Drivers</b> | <b>Percent</b> |
|-------------------------|----------------|----------------|
| <b>Driver Condition</b> |                |                |
| Not Impaired            | 248,784        | 97.7           |
| Physical Defect         | 1,323          | 0.5            |
| Ill                     | 651            | 0.3            |
| Fatigued                | 1,035          | 0.4            |
| Apparently Asleep       | 2,133          | 0.8            |
| Other                   | 819            | 0.3            |
| <b>Total</b>            | <b>254,745</b> | <b>100.0</b>   |
| <b>Not Stated</b>       | <b>12,632</b>  |                |
| <b>Grand Total</b>      | <b>267,377</b> |                |

|              | Male           | Female         | Not Stated    | Total          | Percent of Males |
|--------------|----------------|----------------|---------------|----------------|------------------|
| <b>Age</b>   |                |                |               |                |                  |
| Under 15     | 329            | 108            | 163           | 600            | 75.3             |
| 15           | 229            | 144            | 1             | 374            | 61.4             |
| 16           | 3,297          | 3,047          | 1             | 6,345          | 52.0             |
| 17           | 4,694          | 4,039          | 3             | 8,736          | 53.8             |
| 18           | 5,177          | 3,838          | 10            | 9,025          | 57.4             |
| 19           | 5,569          | 3,883          | 23            | 9,475          | 58.9             |
| 20           | 5,085          | 3,659          | 28            | 8,772          | 58.2             |
| 21-25        | 21,564         | 14,945         | 84            | 36,593         | 59.1             |
| 26-30        | 16,090         | 10,980         | 38            | 27,108         | 59.4             |
| 31-35        | 15,425         | 11,209         | 27            | 26,661         | 57.9             |
| 36-40        | 15,218         | 11,327         | 24            | 26,569         | 57.3             |
| 41-45        | 13,980         | 10,184         | 23            | 24,187         | 57.9             |
| 46-50        | 11,844         | 8,404          | 10            | 20,258         | 58.5             |
| 51-55        | 9,761          | 6,782          | 11            | 16,554         | 59.0             |
| 56-60        | 6,866          | 4,554          | 4             | 11,424         | 60.1             |
| 61-65        | 4,952          | 2,993          | 1             | 7,946          | 62.3             |
| 66-70        | 3,528          | 2,229          | 10            | 5,767          | 61.3             |
| Over 70      | 6,282          | 4,540          | 5             | 10,827         | 58.0             |
| Unknown      | 78             | 23             | 10,055        | 10,156         |                  |
| <b>Total</b> | <b>149,968</b> | <b>106,888</b> | <b>10,521</b> | <b>267,377</b> |                  |

## The Vehicle

|                       | Vehicles       | Percent      |
|-----------------------|----------------|--------------|
| <b>Vehicle Action</b> |                |              |
| Going Straight        | 126,463        | 47.9         |
| Turning Right         | 9,191          | 3.5          |
| Turning Left          | 28,015         | 10.6         |
| Making U-Turn         | 1,427          | 0.5          |
| Slowing-Stopping      | 20,528         | 7.8          |
| Ran Off Road          | 22,862         | 8.7          |
| Stopped in Traffic    | 34,517         | 13.1         |
| Backing               | 3,023          | 1.1          |
| Passing               | 1,614          | 0.6          |
| Changing Lanes        | 9,313          | 3.5          |
| Other                 | 7,336          | 2.8          |
| <b>Total</b>          | <b>264,289</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>3,088</b>   |              |
| <b>Grand Total</b>    | <b>267,377</b> |              |

|                       | Vehicles       | Percent      |
|-----------------------|----------------|--------------|
| <b>Vehicle Defect</b> |                |              |
| No Defect             | 251,505        | 98.3         |
| Lights                | 296            | 0.1          |
| Brakes                | 1,140          | 0.4          |
| Steering              | 359            | 0.1          |
| Tires                 | 1,327          | 0.5          |
| Motor                 | 283            | 0.1          |
| Other                 | 852            | 0.3          |
| <b>Total</b>          | <b>255,762</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>11,615</b>  |              |
| <b>Grand Total</b>    | <b>267,377</b> |              |

## The Environment

|                    | Crashes        | Percent      |
|--------------------|----------------|--------------|
| <b>Weather</b>     |                |              |
| Clear              | 97,612         | 66.4         |
| Cloudy             | 23,553         | 16.0         |
| Fog                | 788            | 0.5          |
| Mist               | 3,402          | 2.3          |
| Rain               | 18,826         | 12.8         |
| Snow               | 2,149          | 1.5          |
| Sleet              | 561            | 0.4          |
| Smoke/Dust         | 24             |              |
| Other              | 144            | 0.1          |
| <b>Total</b>       | <b>147,059</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>678</b>     |              |
| <b>Grand Total</b> | <b>147,737</b> |              |

|                           | Crashes        | Percent      |
|---------------------------|----------------|--------------|
| <b>Light</b>              |                |              |
| Dawn                      | 3,796          | 2.6          |
| Daylight                  | 97,669         | 66.4         |
| Dusk                      | 4,014          | 2.7          |
| Darkness (road lighted)   | 20,326         | 13.8         |
| Darkness (road unlighted) | 21,292         | 14.5         |
| <b>Total</b>              | <b>147,097</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>640</b>     |              |
| <b>Grand Total</b>        | <b>147,737</b> |              |

|                         | Crashes        | Percent      |
|-------------------------|----------------|--------------|
| <b>Traffic Controls</b> |                |              |
| No Controls             | 24,862         | 17.0         |
| Traffic Signals         | 29,073         | 19.8         |
| Stop Sign               | 13,346         | 9.1          |
| Slow/Warning Sign       | 966            | 0.7          |
| Yield Sign              | 1,690          | 1.2          |
| No Passing Zone         | 11,611         | 7.9          |
| R. R. Warning Sign      | 47             |              |
| R. R. Signals           | 25             |              |
| R. R. Gate and Signals  | 57             |              |
| Other                   | 64,950         | 44.3         |
| <b>Total</b>            | <b>146,627</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>1,110</b>   |              |
| <b>Grand Total</b>      | <b>147,737</b> |              |

# Virginia Fatalities

## In 2002 there were:

- 913 persons killed in 832 fatal crashes

NOTE: This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

## The Driver

|                              | Drivers      | Percent      |
|------------------------------|--------------|--------------|
| <b>Driver Action</b>         |              |              |
| Ran Traffic Control          | 49           | 4.1          |
| Improper Passing             | 14           | 1.2          |
| Left of Center - Not Passing | 62           | 5.2          |
| Failure to Yield             | 69           | 5.8          |
| Inattention                  | 148          | 12.5         |
| Speed too Fast               | 284          | 23.9         |
| Improper Turn                | 3            | 0.3          |
| Improper Lane Change         | 11           | 0.9          |
| Following too Close          | 4            | 0.3          |
| Improper Backing             | 2            | 0.2          |
| Illegal or Improper Parking  | 3            | 0.3          |
| Lights Not On                | 1            | 0.1          |
| Hit and Run                  | 15           | 1.3          |
| Avoiding Pedestrian          | 5            | 0.4          |
| Avoiding Other Vehicle       | 13           | 1.1          |
| No Violation                 | 413          | 34.8         |
| Other                        | 90           | 7.6          |
| <b>Total</b>                 | <b>1,186</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>56</b>    |              |
| <b>Grand Total</b>           | <b>1,242</b> |              |

| <b>Drinking</b>               | Drivers      | Percent      |
|-------------------------------|--------------|--------------|
| <b>Driver Condition</b>       |              |              |
| Not Impaired                  | 812          | 79.7         |
| Drinking - Impaired           | 112          | 11.0         |
| Drinking - Not Impaired       | 2            | 0.2          |
| Drinking - Impairment Unknown | 93           | 9.1          |
| <b>Total</b>                  | <b>1,019</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>223</b>   |              |
| <b>Grand Total</b>            | <b>1,242</b> |              |

| <b>Physical</b>         | Drivers      | Percent      |
|-------------------------|--------------|--------------|
| <b>Driver Condition</b> |              |              |
| Not Impaired            | 883          | 90.9         |
| Physical Defect         | 13           | 1.3          |
| Ill                     | 10           | 1.0          |
| Fatigued                | 15           | 1.5          |
| Apparently Asleep       | 42           | 4.3          |
| Other                   | 8            | 0.8          |
| <b>Total</b>            | <b>971</b>   | <b>100.0</b> |
| <b>Not Stated</b>       | <b>271</b>   |              |
| <b>Grand Total</b>      | <b>1,242</b> |              |

|              | Male       | Female     | Not Stated | Total        | Percent of Males |
|--------------|------------|------------|------------|--------------|------------------|
| <b>Age</b>   |            |            |            |              |                  |
| Under 15     | 2          | 2          | 3          | 7            | 50.0             |
| 15           | 1          |            |            | 1            | 100.0            |
| 16           | 22         | 8          |            | 30           | 73.3             |
| 17           | 21         | 7          |            | 28           | 75.0             |
| 18           | 31         | 14         |            | 45           | 68.9             |
| 19           | 35         | 13         |            | 48           | 72.9             |
| 20           | 38         | 7          | 2          | 47           | 84.4             |
| 21-25        | 116        | 25         |            | 141          | 82.3             |
| 26-30        | 93         | 33         |            | 126          | 73.8             |
| 31-35        | 85         | 28         |            | 113          | 75.2             |
| 36-40        | 85         | 24         |            | 109          | 78.0             |
| 41-45        | 86         | 21         | 1          | 108          | 80.4             |
| 46-50        | 68         | 23         |            | 91           | 74.7             |
| 51-55        | 60         | 28         |            | 88           | 68.2             |
| 56-60        | 43         | 15         |            | 58           | 74.1             |
| 61-65        | 32         | 8          |            | 40           | 80.0             |
| 66-70        | 27         | 14         |            | 41           | 65.9             |
| Over 70      | 57         | 32         |            | 89           | 64.0             |
| Unknown      | 1          |            | 31         | 32           |                  |
| <b>Total</b> | <b>903</b> | <b>302</b> | <b>37</b>  | <b>1,242</b> |                  |

## The Vehicle

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Action</b> |              |              |
| Going Straight        | 600          | 49.0         |
| Turning Right         | 13           | 1.1          |
| Turning Left          | 72           | 5.9          |
| Making U-Turn         | 1            | 0.1          |
| Slowing-Stopping      | 18           | 1.5          |
| Ran Off Road          | 392          | 32.0         |
| Stopped in Traffic    | 36           | 2.9          |
| Backing               | 3            | 0.2          |
| Passing               | 19           | 1.6          |
| Changing Lanes        | 37           | 3.0          |
| Other                 | 34           | 2.8          |
| <b>Total</b>          | <b>1,225</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>17</b>    |              |
| <b>Grand Total</b>    | <b>1,242</b> |              |

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Defect</b> |              |              |
| No Defect             | 1,085        | 96.3         |
| Lights                | 5            | 0.4          |
| Brakes                | 5            | 0.4          |
| Steering              | 2            | 0.2          |
| Tires                 | 22           | 2.0          |
| Motor                 |              |              |
| Other                 | 8            | 0.7          |
| <b>Total</b>          | <b>1,127</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>115</b>   |              |
| <b>Grand Total</b>    | <b>1,242</b> |              |

## The Environment

|                    | Crashes    | Percent      |
|--------------------|------------|--------------|
| <b>Weather</b>     |            |              |
| Clear              | 543        | 65.4         |
| Cloudy             | 172        | 20.7         |
| Fog                | 8          | 1.0          |
| Mist               | 18         | 2.2          |
| Rain               | 83         | 10.0         |
| Snow               | 3          | 0.4          |
| Sleet              | 2          | 0.2          |
| Smoke/Dust         |            |              |
| Other              | 1          | 0.1          |
| <b>Total</b>       | <b>830</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>2</b>   |              |
| <b>Grand Total</b> | <b>832</b> |              |

|                           | Crashes    | Percent      |
|---------------------------|------------|--------------|
| <b>Light</b>              |            |              |
| Dawn                      | 22         | 2.7          |
| Daylight                  | 375        | 45.2         |
| Dusk                      | 22         | 2.7          |
| Darkness (road lighted)   | 105        | 12.7         |
| Darkness (road unlighted) | 306        | 36.9         |
| <b>Total</b>              | <b>830</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>2</b>   |              |
| <b>Grand Total</b>        | <b>832</b> |              |

|                         | Crashes    | Percent      |
|-------------------------|------------|--------------|
| <b>Traffic Controls</b> |            |              |
| No Controls             | 116        | 14.0         |
| Traffic Signals         | 65         | 7.9          |
| Stop Sign               | 46         | 5.6          |
| Slow/Warning Sign       | 12         | 1.4          |
| Yield Sign              | 1          | 0.1          |
| No Passing Zone         | 172        | 20.8         |
| R. R. Warning Sign      |            |              |
| R. R. Signals           |            |              |
| R. R. Gate and Signals  |            |              |
| Other                   | 416        | 50.2         |
| <b>Total</b>            | <b>828</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>4</b>   |              |
| <b>Grand Total</b>      | <b>832</b> |              |

# Virginia Crashes Involving Alcohol



## In 2002 there were:

- 375 persons killed in alcohol-related crashes or 41.1 percent of all traffic fatalities
- 8,465 persons injured in alcohol-related crashes or 10.7 percent of all traffic injuries
- 11,788 alcohol-related crashes or 8.0 percent of all crashes
  - 338 alcohol-related fatal crashes or 40.6 percent of all fatal crashes
  - 5,829 alcohol-related personal injury crashes or 10.7 percent of all personal injury crashes
  - 5,621 alcohol-related property damage crashes or 6.1 percent of all property damage crashes

## Alcohol Involvement in Fatalities and Injuries

|                      | Fatalities | Percent of Total | Injuries | Percent of Total |
|----------------------|------------|------------------|----------|------------------|
| All Drivers*         | 583        |                  | 53,801   |                  |
| Drinking Drivers     | 122        | 20.9             | 4,117    | 7.7              |
| All Pedestrians*     | 88         |                  | 1,900    |                  |
| Drinking Pedestrians | 27         | 30.7             | 225      | 11.8             |

NOTE: Drivers and pedestrians in alcohol-related fatal crashes are determined using available medical examiner's data as well as the police report. The term "alcohol-related" does not imply that drinking was the direct cause of the traffic crash.

\*This includes the category of all drivers and all pedestrians killed or injured in crashes (alcohol-related or non-alcohol-related).

## The Drinking Driver

|                               | Drivers       | Percent      |
|-------------------------------|---------------|--------------|
| <b>Drinking Driver Action</b> |               |              |
| Ran Traffic Control           | 470           | 4.1          |
| Improper Passing              | 102           | 0.9          |
| Left of Center - Not Passing  | 365           | 3.1          |
| Failure to Yield              | 456           | 3.9          |
| Inattention                   | 2,254         | 19.5         |
| Speed too Fast                | 2,608         | 22.5         |
| Improper Turn                 | 179           | 1.5          |
| Improper Lane Change          | 82            | 0.7          |
| Following too Close           | 395           | 3.4          |
| Improper Backing              | 63            | 0.5          |
| Illegal or Improper Parking   | 14            | 0.1          |
| Lights Not On                 | 15            | 0.1          |
| Hit and Run                   | 1,132         | 9.8          |
| Avoiding Pedestrian           | 9             | 0.1          |
| Avoiding Other Vehicle        | 101           | 0.9          |
| No Violation                  | 700           | 6.0          |
| Other                         | 2,643         | 22.8         |
| <b>Total</b>                  | <b>11,588</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>163</b>    |              |
| <b>Grand Total</b>            | <b>11,751</b> |              |

| Drinking                      | Drivers       | Percent      |
|-------------------------------|---------------|--------------|
| <b>Driver Condition</b>       |               |              |
| Not Impaired                  | 25            | 0.2          |
| Drinking - Impaired           | 7,457         | 63.8         |
| Drinking - Not Impaired       | 1,874         | 16.0         |
| Drinking - Impairment Unknown | 2,328         | 19.9         |
| <b>Total</b>                  | <b>11,684</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>67</b>     |              |
| <b>Grand Total</b>            | <b>11,751</b> |              |

| Physical                | Drivers       | Percent      |
|-------------------------|---------------|--------------|
| <b>Driver Condition</b> |               |              |
| Not Impaired            | 9,977         | 89.4         |
| Physical Defect         | 222           | 2.0          |
| Ill                     | 47            | 0.4          |
| Fatigued                | 266           | 2.4          |
| Apparently Asleep       | 409           | 3.7          |
| Other                   | 240           | 2.2          |
| <b>Total</b>            | <b>11,161</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>590</b>    |              |
| <b>Grand Total</b>      | <b>11,751</b> |              |

|              | Male         | Female       | Not Stated | Total         | Percent of Males |
|--------------|--------------|--------------|------------|---------------|------------------|
| <b>Age</b>   |              |              |            |               |                  |
| Under 15     | 19           | 3            | 10         | 32            | 86.4             |
| 15           | 7            | 4            |            | 11            | 63.6             |
| 16           | 57           | 31           |            | 88            | 64.8             |
| 17           | 140          | 38           |            | 178           | 78.7             |
| 18           | 243          | 49           |            | 292           | 83.2             |
| 19           | 360          | 74           |            | 434           | 82.9             |
| 20           | 384          | 82           | 6          | 472           | 82.4             |
| 21-25        | 2,294        | 409          | 9          | 2,712         | 84.9             |
| 26-30        | 1,293        | 269          | 1          | 1,563         | 82.8             |
| 31-35        | 1,057        | 264          | 2          | 1,323         | 80.0             |
| 36-40        | 1,009        | 318          | 1          | 1,328         | 76.0             |
| 41-45        | 903          | 240          | 1          | 1,144         | 79.0             |
| 46-50        | 640          | 153          |            | 793           | 80.7             |
| 51-55        | 428          | 75           | 1          | 504           | 85.1             |
| 56-60        | 236          | 32           |            | 268           | 88.1             |
| 61-65        | 126          | 19           |            | 145           | 86.9             |
| 66-70        | 85           | 9            | 2          | 96            | 90.4             |
| Over 70      | 90           | 18           |            | 108           | 83.3             |
| Unknown      | 7            | 2            | 251        | 260           | 77.8             |
| <b>Total</b> | <b>9,378</b> | <b>2,089</b> | <b>284</b> | <b>11,751</b> |                  |

## The Drinking Pedestrian

|                                    | Pedestrians | Percent      |
|------------------------------------|-------------|--------------|
| <b>Drinking Pedestrian Action</b>  |             |              |
| Crossing Against Signal            | 8           | 3.3          |
| Crossing Not at Crosswalk          | 72          | 29.5         |
| Crossing With Signal               | 13          | 5.3          |
| Walking With Traffic               | 25          | 10.2         |
| Walking Against Traffic            | 15          | 6.1          |
| Came Onto Road Between Parked Cars | 5           | 2.0          |
| Getting On or Off Vehicle          | 2           | 0.8          |
| Walking On Road                    | 3           | 1.2          |
| Standing or Lying On Road          | 25          | 10.2         |
| Other                              | 76          | 31.1         |
| <b>Total</b>                       | <b>244</b>  | <b>100.0</b> |
| <b>Not Stated</b>                  | <b>8</b>    |              |
| <b>Grand Total</b>                 | <b>252</b>  |              |

| Drinking Pedestrian Condition | Pedestrians | Percent      |
|-------------------------------|-------------|--------------|
| <b>Drinking</b>               |             |              |
| <b>Pedestrian Condition</b>   |             |              |
| Not Impaired                  |             |              |
| Drinking – Impaired           | 128         | 50.8         |
| Drinking - Not Impaired       | 15          | 6.0          |
| Drinking - Impairment Unknown | 109         | 43.3         |
| <b>Total</b>                  | <b>252</b>  | <b>100.0</b> |
| <b>Not Stated</b>             |             |              |
| <b>Grand Total</b>            | <b>252</b>  |              |

| Physical Pedestrian Condition | Pedestrians | Percent      |
|-------------------------------|-------------|--------------|
| <b>Physical</b>               |             |              |
| <b>Pedestrian Condition</b>   |             |              |
| Not Impaired                  | 163         | 76.5         |
| Physical Defect               | 12          | 5.6          |
| Ill                           | 5           | 2.3          |
| Fatigued                      | 6           | 2.8          |
| Apparently Asleep             | 4           | 1.9          |
| Other                         | 23          | 10.8         |
| <b>Total</b>                  | <b>213</b>  | <b>100.0</b> |
| <b>Not Stated</b>             | <b>39</b>   |              |
| <b>Grand Total</b>            | <b>252</b>  |              |

|              | Male       | Female    | Not Stated | Total      | Percent of Males |
|--------------|------------|-----------|------------|------------|------------------|
| <b>Age</b>   |            |           |            |            |                  |
| Under 15     |            |           |            |            |                  |
| 15           |            |           |            |            |                  |
| 16           | 2          | 1         |            | 3          | 66.7             |
| 17           | 5          |           |            | 5          | 100.0            |
| 18           | 2          |           |            | 2          | 100.0            |
| 19           | 4          | 1         |            | 5          | 80.0             |
| 20           | 6          | 2         |            | 8          | 75.0             |
| 21-25        | 25         | 11        |            | 36         | 69.4             |
| 26-30        | 31         | 5         |            | 36         | 86.1             |
| 31-35        | 23         | 12        |            | 35         | 65.7             |
| 36-40        | 21         | 9         |            | 30         | 70.0             |
| 41-45        | 29         | 9         |            | 38         | 76.3             |
| 46-50        | 20         | 3         |            | 23         | 87.0             |
| 51-55        | 13         | 1         |            | 14         | 92.9             |
| 56-60        | 3          |           |            | 3          | 100.0            |
| 61-65        | 3          |           |            | 3          | 100.0            |
| 66-70        | 4          | 1         |            | 5          | 80.0             |
| Over 70      | 1          |           |            | 1          | 100.0            |
| Unknown      | 5          |           |            | 5          | 100.0            |
| <b>Total</b> | <b>197</b> | <b>55</b> |            | <b>252</b> |                  |

## The Vehicle

| Vehicle Action        | Vehicles      | Percent      |
|-----------------------|---------------|--------------|
| <b>Vehicle Action</b> |               |              |
| Going Straight        | 5,136         | 43.9         |
| Turning Right         | 363           | 3.1          |
| Turning Left          | 787           | 6.7          |
| Making U-Turn         | 61            | 0.5          |
| Slowing-Stopping      | 190           | 1.6          |
| Ran Off Road          | 4,192         | 35.9         |
| Stopped in Traffic    | 143           | 1.2          |
| Backing               | 132           | 1.1          |
| Passing               | 89            | 0.8          |
| Changing Lanes        | 323           | 2.8          |
| Other                 | 275           | 2.4          |
| <b>Total</b>          | <b>11,691</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>60</b>     |              |
| <b>Grand Total</b>    | <b>11,751</b> |              |

| Vehicle Defect        | Vehicles      | Percent      |
|-----------------------|---------------|--------------|
| <b>Vehicle Defect</b> |               |              |
| No Defect             | 11,008        | 97.1         |
| Lights                | 42            | 0.4          |
| Brakes                | 62            | 0.5          |
| Steering              | 27            | 0.2          |
| Tires                 | 138           | 1.2          |
| Motor                 | 11            | 0.1          |
| Other                 | 48            | 0.4          |
| <b>Total</b>          | <b>11,336</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>415</b>    |              |
| <b>Grand Total</b>    | <b>11,751</b> |              |

## The Environment

| Weather            | Crashes       | Percent      |
|--------------------|---------------|--------------|
| <b>Weather</b>     |               |              |
| Clear              | 8,100         | 68.8         |
| Cloudy             | 1,888         | 16.0         |
| Fog                | 92            | 0.8          |
| Mist               | 335           | 2.8          |
| Rain               | 1,259         | 10.7         |
| Snow               | 67            | 0.6          |
| Sleet              | 12            | 0.1          |
| Smoke/Dust         |               |              |
| Other              | 14            | 0.1          |
| <b>Total</b>       | <b>11,767</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>21</b>     |              |
| <b>Grand Total</b> | <b>11,788</b> |              |

|                           | Crashes       | Percent      |
|---------------------------|---------------|--------------|
| <b>Light</b>              |               |              |
| Dawn                      | 165           | 1.4          |
| Daylight                  | 2,739         | 23.3         |
| Dusk                      | 289           | 2.5          |
| Darkness (road lighted)   | 4,225         | 35.9         |
| Darkness (road unlighted) | 4,341         | 36.9         |
| <b>Total</b>              | <b>11,759</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>29</b>     |              |
| <b>Grand Total</b>        | <b>11,788</b> |              |

|                         | Crashes       | Percent      |
|-------------------------|---------------|--------------|
| <b>Traffic Controls</b> |               |              |
| No Controls             | 3,003         | 25.7         |
| Traffic Signals         | 1,685         | 14.4         |
| Stop Sign               | 652           | 5.6          |
| Slow/Warning Sign       | 131           | 1.1          |
| Yield Sign              | 47            | 0.4          |
| No Passing Zone         | 1,432         | 12.2         |
| R. R. Warning Sign      | 5             |              |
| R. R. Signals           | 3             |              |
| R. R. Gate and Signals  | 5             |              |
| Other                   | 4,739         | 40.5         |
| <b>Total</b>            | <b>11,702</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>86</b>     |              |
| <b>Grand Total</b>      | <b>11,788</b> |              |

## Driver Condition: Drinking by Crash Type and Age

| Fatal Crashes        | Drinking     |                 |                  |                      |                    | Not Stated | Total Drivers |
|----------------------|--------------|-----------------|------------------|----------------------|--------------------|------------|---------------|
|                      | Not Drinking | Obviously Drunk | Ability Impaired | Ability Not Impaired | Impairment Unknown |            |               |
| <b>Age</b>           |              |                 |                  |                      |                    |            |               |
| Under 15             | 6            | 1               |                  |                      |                    |            | 7             |
| 15                   | 1            |                 |                  |                      |                    |            | 1             |
| 16                   | 26           | 2               |                  |                      |                    | 2          | 30            |
| 17                   | 21           | 1               | 1                |                      | 2                  | 3          | 28            |
| 18                   | 29           | 5               | 2                |                      | 2                  | 7          | 45            |
| 19                   | 27           | 2               | 3                |                      | 3                  | 13         | 48            |
| 20                   | 21           | 7               | 2                |                      | 5                  | 12         | 47            |
| 21-25                | 67           | 14              | 8                | 1                    | 19                 | 32         | 141           |
| 26-30                | 78           | 8               | 5                |                      | 16                 | 19         | 126           |
| 31-35                | 70           | 8               | 3                |                      | 12                 | 20         | 113           |
| 36-40                | 71           | 6               | 3                |                      | 12                 | 17         | 109           |
| 41-45                | 76           | 9               | 1                |                      | 5                  | 17         | 108           |
| 46-50                | 57           | 9               | 1                | 1                    | 5                  | 18         | 91            |
| 51-55                | 67           | 5               | 1                |                      | 2                  | 13         | 88            |
| 56-60                | 44           | 2               |                  |                      | 3                  | 9          | 58            |
| 61-65                | 32           | 1               |                  |                      | 3                  | 4          | 40            |
| 66-70                | 34           | 1               |                  |                      | 1                  | 5          | 41            |
| Over 70              | 83           |                 |                  |                      |                    | 6          | 89            |
| Unknown              | 2            | 1               |                  |                      | 3                  | 26         | 32            |
| <b>Total Drivers</b> | <b>812</b>   | <b>82</b>       | <b>30</b>        | <b>2</b>             | <b>93</b>          | <b>223</b> | <b>1,242</b>  |

| Personal Injury Crashes | Drinking      |                 |                  |                      |                    | Not Stated   | Total Drivers  |
|-------------------------|---------------|-----------------|------------------|----------------------|--------------------|--------------|----------------|
|                         | Not Drinking  | Obviously Drunk | Ability Impaired | Ability Not Impaired | Impairment Unknown |              |                |
| <b>Age</b>              |               |                 |                  |                      |                    |              |                |
| Under 15                | 298           | 5               | 5                | 3                    | 4                  | 61           | 376            |
| 15                      | 146           | 1               | 1                |                      | 3                  | 8            | 159            |
| 16                      | 2,238         | 20              | 18               | 4                    | 6                  | 25           | 2,311          |
| 17                      | 3,092         | 29              | 33               | 6                    | 29                 | 39           | 3,228          |
| 18                      | 3,260         | 55              | 33               | 17                   | 37                 | 31           | 3,433          |
| 19                      | 3,334         | 102             | 51               | 15                   | 52                 | 42           | 3,596          |
| 20                      | 2,931         | 91              | 57               | 31                   | 42                 | 49           | 3,201          |
| 21-25                   | 12,351        | 535             | 252              | 226                  | 280                | 171          | 13,815         |
| 26-30                   | 9,568         | 315             | 151              | 127                  | 176                | 140          | 10,477         |
| 31-35                   | 9,558         | 309             | 119              | 78                   | 144                | 116          | 10,324         |
| 36-40                   | 9,687         | 313             | 133              | 90                   | 132                | 117          | 10,472         |
| 41-45                   | 8,702         | 285             | 112              | 76                   | 114                | 99           | 9,388          |
| 46-50                   | 7,409         | 190             | 69               | 49                   | 89                 | 83           | 7,889          |
| 51-55                   | 6,066         | 112             | 53               | 30                   | 51                 | 74           | 6,396          |
| 56-60                   | 4,155         | 59              | 23               | 21                   | 19                 | 35           | 4,312          |
| 61-65                   | 2,896         | 32              | 15               | 10                   | 18                 | 22           | 2,993          |
| 66-70                   | 2,066         | 17              | 13               | 7                    | 7                  | 17           | 2,127          |
| Over 70                 | 4,047         | 23              | 10               | 16                   | 11                 | 54           | 4,161          |
| Unknown                 | 360           | 7               | 7                | 7                    | 56                 | 2,262        | 2,699          |
| <b>Total Drivers</b>    | <b>92,164</b> | <b>2,510</b>    | <b>1,155</b>     | <b>813</b>           | <b>1,270</b>       | <b>3,445</b> | <b>101,357</b> |

| Property<br>Damage<br>Crashes | Drinking        |                    |                     |                         |                       | Not<br>Stated | Total<br>Drivers |
|-------------------------------|-----------------|--------------------|---------------------|-------------------------|-----------------------|---------------|------------------|
|                               | Not<br>Drinking | Obviously<br>Drunk | Ability<br>Impaired | Ability Not<br>Impaired | Impairment<br>Unknown |               |                  |
| <b>Age</b>                    |                 |                    |                     |                         |                       |               |                  |
| Under 15                      | 191             | 3                  | 6                   | 3                       | 2                     | 12            | 217              |
| 15                            | 205             | 4                  | 1                   |                         | 1                     | 3             | 214              |
| 16                            | 3,933           | 18                 | 4                   | 5                       | 10                    | 34            | 4,004            |
| 17                            | 5,358           | 32                 | 24                  | 8                       | 13                    | 45            | 5,480            |
| 18                            | 5,343           | 71                 | 27                  | 15                      | 27                    | 64            | 5,547            |
| 19                            | 5,562           | 84                 | 44                  | 31                      | 41                    | 69            | 5,831            |
| 20                            | 5,216           | 94                 | 73                  | 26                      | 38                    | 77            | 5,524            |
| 21-25                         | 21,019          | 560                | 291                 | 302                     | 208                   | 257           | 22,637           |
| 26-30                         | 15,552          | 307                | 168                 | 165                     | 117                   | 196           | 16,505           |
| 31-35                         | 15,389          | 290                | 130                 | 126                     | 96                    | 193           | 16,224           |
| 36-40                         | 15,176          | 312                | 117                 | 120                     | 83                    | 180           | 15,988           |
| 41-45                         | 14,017          | 240                | 111                 | 94                      | 84                    | 145           | 14,691           |
| 46-50                         | 11,798          | 171                | 79                  | 69                      | 52                    | 109           | 12,278           |
| 51-55                         | 9,738           | 116                | 43                  | 48                      | 27                    | 98            | 10,070           |
| 56-60                         | 6,867           | 79                 | 27                  | 17                      | 14                    | 50            | 7,054            |
| 61-65                         | 4,809           | 33                 | 16                  | 9                       | 6                     | 40            | 4,913            |
| 66-70                         | 3,534           | 27                 | 10                  | 4                       | 8                     | 16            | 3,599            |
| Over 70                       | 6,484           | 17                 | 12                  | 11                      | 5                     | 48            | 6,577            |
| Unknown                       | 441             | 27                 | 12                  | 6                       | 133                   | 6,806         | 7,425            |
| <b>Total Drivers</b>          | <b>150,632</b>  | <b>2,485</b>       | <b>1,195</b>        | <b>1,059</b>            | <b>965</b>            | <b>8,442</b>  | <b>164,778</b>   |

| All<br>Crashes       | Drinking        |                    |                     |                         |                       | Not<br>Stated | Total<br>Drivers |
|----------------------|-----------------|--------------------|---------------------|-------------------------|-----------------------|---------------|------------------|
|                      | Not<br>Drinking | Obviously<br>Drunk | Ability<br>Impaired | Ability Not<br>Impaired | Impairment<br>Unknown |               |                  |
| <b>Age</b>           |                 |                    |                     |                         |                       |               |                  |
| Under 15             | 495             | 9                  | 11                  | 6                       | 6                     | 73            | 600              |
| 15                   | 352             | 5                  | 2                   |                         | 4                     | 11            | 374              |
| 16                   | 6,197           | 40                 | 22                  | 9                       | 16                    | 61            | 6,345            |
| 17                   | 8,471           | 62                 | 58                  | 14                      | 44                    | 87            | 8,736            |
| 18                   | 8,632           | 131                | 62                  | 32                      | 66                    | 102           | 9,025            |
| 19                   | 8,923           | 188                | 98                  | 46                      | 96                    | 124           | 9,475            |
| 20                   | 8,168           | 192                | 132                 | 57                      | 85                    | 138           | 8,772            |
| 21-25                | 33,437          | 1,109              | 551                 | 529                     | 507                   | 460           | 36,593           |
| 26-30                | 25,198          | 630                | 324                 | 292                     | 309                   | 355           | 27,108           |
| 31-35                | 25,017          | 607                | 252                 | 204                     | 252                   | 329           | 26,661           |
| 36-40                | 24,934          | 631                | 253                 | 210                     | 227                   | 314           | 26,569           |
| 41-45                | 22,795          | 534                | 224                 | 170                     | 203                   | 261           | 24,187           |
| 46-50                | 19,264          | 370                | 149                 | 119                     | 146                   | 210           | 20,258           |
| 51-55                | 15,871          | 243                | 97                  | 78                      | 80                    | 185           | 16,554           |
| 56-60                | 11,066          | 140                | 50                  | 38                      | 36                    | 94            | 11,424           |
| 61-65                | 7,737           | 66                 | 31                  | 19                      | 27                    | 66            | 77,946           |
| 66-70                | 5,634           | 45                 | 23                  | 11                      | 16                    | 38            | 5,767            |
| Over 70              | 10,614          | 40                 | 22                  | 27                      | 16                    | 108           | 10,827           |
| Unknown              | 803             | 35                 | 19                  | 13                      | 192                   | 9,094         | 10,156           |
| <b>Total Drivers</b> | <b>243,608</b>  | <b>5,077</b>       | <b>2,380</b>        | <b>1,874</b>            | <b>2,328</b>          | <b>12,110</b> | <b>267,377</b>   |

## Age and Gender of Persons Killed (Alcohol-Related)

| Age          | All Persons Killed |            |           |            | Pedestrians Killed |           |          |            | Bicyclists Killed |          |        |            | Motorcyclists Killed |           |          |            |
|--------------|--------------------|------------|-----------|------------|--------------------|-----------|----------|------------|-------------------|----------|--------|------------|----------------------|-----------|----------|------------|
|              | Total              | Male       | Female    | Not Stated | Total              | Male      | Female   | Not Stated | Total             | Male     | Female | Not Stated | Total                | Male      | Female   | Not Stated |
| Under 1      |                    |            |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 1            |                    |            |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 2            |                    |            |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 3            |                    |            |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 4            |                    |            |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 5-9          |                    |            |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 10-14        | 6                  | 2          | 4         |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 15           | 4                  | 2          | 2         |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 16           | 7                  | 6          | 1         |            | 1                  | 1         |          |            |                   |          |        |            |                      |           |          |            |
| 17           | 4                  | 3          | 1         |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 18           | 17                 | 10         | 7         |            | 1                  | 1         |          |            |                   |          |        |            |                      |           |          |            |
| 19           | 13                 | 10         | 3         |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| 20           | 19                 | 15         | 4         |            | 1                  | 1         |          |            |                   |          |        |            |                      |           |          |            |
| 21-25        | 76                 | 70         | 6         |            | 5                  | 4         | 1        |            |                   |          |        |            | 1                    | 1         |          |            |
| 26-30        | 40                 | 30         | 10        |            | 6                  | 4         | 2        |            |                   |          |        |            | 3                    | 2         | 1        |            |
| 31-35        | 30                 | 25         | 5         |            | 3                  | 2         | 1        |            | 1                 | 1        |        |            | 2                    | 2         |          |            |
| 36-40        | 35                 | 25         | 10        |            | 3                  | 2         | 1        |            |                   |          |        |            | 4                    | 4         |          |            |
| 41-45        | 32                 | 21         | 11        |            | 4                  | 2         | 2        |            | 1                 | 1        |        |            | 2                    | 2         |          |            |
| 46-50        | 38                 | 36         | 2         |            | 9                  | 8         | 1        |            | 1                 | 1        |        |            | 6                    | 6         |          |            |
| 51-55        | 20                 | 15         | 5         |            | 2                  | 2         |          |            |                   |          |        |            |                      |           |          |            |
| 56-60        | 9                  | 8          | 1         |            |                    |           |          |            |                   |          |        |            | 1                    | 1         |          |            |
| 61-65        | 11                 | 9          | 2         |            | 2                  | 2         |          |            |                   |          |        |            | 1                    | 1         |          |            |
| 66-70        | 3                  | 3          |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| Over 70      | 6                  | 6          |           |            |                    |           |          |            |                   |          |        |            |                      |           |          |            |
| Unknown      | 5                  | 4          |           | 1          | 1                  | 1         |          |            |                   |          |        |            | 1                    |           |          | 1          |
| <b>Total</b> | <b>375</b>         | <b>300</b> | <b>74</b> | <b>1</b>   | <b>38</b>          | <b>30</b> | <b>8</b> |            | <b>3</b>          | <b>3</b> |        |            | <b>21</b>            | <b>19</b> | <b>1</b> | <b>1</b>   |

## Age and Gender of Persons Injured (Alcohol-Related)

| Age          | All Persons Injured |              |              |            | Pedestrians Injured |            |           |            | Bicyclists Injured |           |          |            | Motorcyclists Injured |            |           |            |
|--------------|---------------------|--------------|--------------|------------|---------------------|------------|-----------|------------|--------------------|-----------|----------|------------|-----------------------|------------|-----------|------------|
|              | Total               | Male         | Female       | Not Stated | Total               | Male       | Female    | Not Stated | Total              | Male      | Female   | Not Stated | Total                 | Male       | Female    | Not Stated |
| Under 1      | 21                  | 8            | 13           |            |                     |            |           |            |                    |           |          |            |                       |            |           |            |
| 1            | 19                  | 9            | 10           |            |                     |            |           |            |                    |           |          |            |                       |            |           |            |
| 2            | 28                  | 16           | 8            | 4          | 1                   |            | 1         |            |                    |           |          |            |                       |            |           |            |
| 3            | 16                  | 9            | 7            |            | 1                   | 1          |           |            |                    |           |          |            |                       |            |           |            |
| 4            | 26                  | 17           | 9            |            |                     |            |           |            |                    |           |          |            |                       |            |           |            |
| 5-9          | 95                  | 43           | 52           |            | 1                   | 1          |           |            | 3                  | 3         |          |            | 1                     |            | 1         |            |
| 10-14        | 143                 | 65           | 78           |            | 4                   | 3          | 1         |            | 2                  | 2         |          |            | 2                     | 2          |           |            |
| 15           | 56                  | 28           | 28           |            | 1                   | 1          |           |            |                    |           |          |            |                       |            |           |            |
| 16           | 138                 | 66           | 71           | 1          | 4                   | 2          | 2         |            |                    |           |          |            |                       |            |           |            |
| 17           | 229                 | 145          | 84           |            | 7                   | 7          |           |            | 2                  | 1         | 1        |            | 1                     | 1          |           |            |
| 18           | 292                 | 189          | 103          |            | 5                   | 3          | 2         |            | 1                  | 1         |          |            | 1                     |            | 1         |            |
| 19           | 380                 | 251          | 129          |            | 6                   | 5          | 1         |            |                    |           |          |            |                       |            |           |            |
| 20           | 374                 | 266          | 105          | 3          | 12                  | 9          | 3         |            | 2                  | 1         | 1        |            | 3                     | 2          | 1         |            |
| 21-25        | 1,712               | 1,256        | 451          | 5          | 43                  | 29         | 14        |            | 6                  | 5         | 1        |            | 18                    | 17         | 1         |            |
| 26-30        | 1,009               | 721          | 287          | 1          | 40                  | 33         | 7         |            | 3                  | 3         |          |            | 20                    | 19         | 1         |            |
| 31-35        | 883                 | 597          | 284          | 2          | 40                  | 28         | 12        |            | 6                  | 6         |          |            | 26                    | 24         | 2         |            |
| 36-40        | 803                 | 524          | 278          | 1          | 29                  | 19         | 10        |            | 9                  | 9         |          |            | 21                    | 17         | 4         |            |
| 41-45        | 726                 | 477          | 249          |            | 41                  | 30         | 11        |            | 13                 | 13        |          |            | 17                    | 14         | 3         |            |
| 46-50        | 548                 | 377          | 170          | 1          | 26                  | 20         | 6         |            | 11                 | 9         | 2        |            | 18                    | 17         | 1         |            |
| 51-55        | 373                 | 254          | 118          | 1          | 13                  | 12         | 1         |            | 1                  | 1         |          |            | 11                    | 11         |           |            |
| 56-60        | 199                 | 147          | 52           |            | 4                   | 4          |           |            |                    |           |          |            | 2                     | 2          |           |            |
| 61-65        | 119                 | 80           | 39           |            | 4                   | 4          |           |            |                    |           |          |            | 1                     | 1          |           |            |
| 66-70        | 78                  | 52           | 24           | 2          | 6                   | 5          | 1         |            |                    |           |          |            |                       |            |           |            |
| Over 70      | 107                 | 65           | 42           |            | 5                   | 3          | 2         |            |                    |           |          |            |                       |            |           |            |
| Unknown      | 91                  | 35           | 39           | 17         | 6                   | 5          | 1         |            | 4                  |           |          | 4          |                       |            |           |            |
| <b>Total</b> | <b>8,465</b>        | <b>5,697</b> | <b>2,730</b> | <b>38</b>  | <b>299</b>          | <b>224</b> | <b>75</b> |            | <b>63</b>          | <b>54</b> | <b>5</b> | <b>4</b>   | <b>142</b>            | <b>127</b> | <b>15</b> |            |

## Age and Gender of Driver/Passengers Killed And Injured (Alcohol-Related)

| Age          | All Drivers Killed |            |           |            | All Passengers Killed |           |           |            | All Drivers Injured |              |              |            | All Passengers Injured |              |              |            |
|--------------|--------------------|------------|-----------|------------|-----------------------|-----------|-----------|------------|---------------------|--------------|--------------|------------|------------------------|--------------|--------------|------------|
|              | Total              | Male       | Female    | Not Stated | Total                 | Male      | Female    | Not Stated | Total               | Male         | Female       | Not Stated | Total                  | Male         | Female       | Not Stated |
| Under 1      |                    |            |           |            |                       |           |           |            |                     |              |              |            | 21                     | 8            | 13           |            |
| 1            |                    |            |           |            |                       |           |           |            |                     |              |              |            | 19                     | 9            | 10           |            |
| 2            |                    |            |           |            |                       |           |           |            | 10                  | 6            |              | 4          | 17                     | 10           | 7            |            |
| 3            |                    |            |           |            |                       |           |           |            |                     |              |              |            | 15                     | 8            | 7            |            |
| 4            |                    |            |           |            |                       |           |           |            |                     |              |              |            | 26                     | 17           | 9            |            |
| 5-9          |                    |            |           |            |                       |           |           |            | 3                   | 3            |              |            | 91                     | 39           | 52           |            |
| 10-14        |                    |            |           |            | 6                     | 2         | 4         |            | 8                   | 6            | 2            |            | 131                    | 56           | 75           |            |
| 15           |                    |            |           |            | 4                     | 2         | 2         |            | 5                   | 3            | 2            |            | 50                     | 24           | 26           |            |
| 16           | 2                  | 2          |           |            | 4                     | 3         | 1         |            | 60                  | 30           | 30           |            | 74                     | 34           | 39           | 1          |
| 17           | 1                  | 1          |           |            | 3                     | 2         | 1         |            | 103                 | 71           | 32           |            | 119                    | 67           | 52           |            |
| 18           | 6                  | 5          | 1         |            | 10                    | 4         | 6         |            | 157                 | 111          | 46           |            | 130                    | 75           | 55           |            |
| 19           | 9                  | 8          | 1         |            | 4                     | 2         | 2         |            | 240                 | 164          | 76           |            | 134                    | 82           | 52           |            |
| 20           | 14                 | 11         | 3         |            | 4                     | 3         | 1         |            | 225                 | 171          | 51           | 3          | 137                    | 86           | 51           |            |
| 21-25        | 48                 | 48         |           |            | 23                    | 18        | 5         |            | 1,175               | 892          | 281          | 2          | 494                    | 335          | 156          | 3          |
| 26-30        | 27                 | 20         | 7         |            | 7                     | 6         | 1         |            | 719                 | 531          | 187          | 1          | 250                    | 157          | 93           |            |
| 31-35        | 24                 | 21         | 3         |            | 3                     | 2         | 1         |            | 662                 | 474          | 186          | 2          | 181                    | 95           | 86           |            |
| 36-40        | 22                 | 16         | 6         |            | 10                    | 7         | 3         |            | 632                 | 433          | 199          |            | 142                    | 72           | 69           | 1          |
| 41-45        | 24                 | 18         | 6         |            | 4                     | 1         | 3         |            | 543                 | 366          | 177          |            | 142                    | 81           | 61           |            |
| 46-50        | 23                 | 23         |           |            | 6                     | 5         | 1         |            | 435                 | 320          | 114          | 1          | 87                     | 37           | 50           |            |
| 51-55        | 13                 | 10         | 3         |            | 5                     | 3         | 2         |            | 294                 | 209          | 84           | 1          | 66                     | 33           | 33           |            |
| 56-60        | 8                  | 7          | 1         |            | 1                     | 1         |           |            | 156                 | 126          | 30           |            | 39                     | 17           | 22           |            |
| 61-65        | 6                  | 5          | 1         |            | 3                     | 2         | 1         |            | 97                  | 71           | 26           |            | 18                     | 5            | 13           |            |
| 66-70        | 3                  | 3          |           |            |                       |           |           |            | 59                  | 47           | 10           | 2          | 13                     |              | 13           |            |
| Over 70      | 5                  | 5          |           |            | 1                     | 1         |           |            | 68                  | 53           | 15           |            | 34                     | 9            | 25           |            |
| Unknown      | 2                  | 1          |           | 1          | 2                     | 2         |           |            | 17                  |              |              | 17         | 68                     | 30           | 38           |            |
| <b>Total</b> | <b>237</b>         | <b>204</b> | <b>32</b> | <b>1</b>   | <b>100</b>            | <b>66</b> | <b>34</b> |            | <b>5,668</b>        | <b>4,087</b> | <b>1,548</b> | <b>33</b>  | <b>2,498</b>           | <b>1,386</b> | <b>1,107</b> | <b>5</b>   |

# Virginia Crashes Involving Automobiles



## In 2002 there were:

- 483 automobile occupants killed or 52.9 percent of traffic fatalities
  - 320 drivers killed
  - 163 passengers killed
- 49,643 automobile occupants injured or 62.9 percent of all traffic injuries
  - 34,778 drivers injured
  - 14,865 passengers injured
- 111,961 automobile crashes or 75.8 percent of all crashes
  - 520 fatal crashes or 62.5 percent of all fatal crashes
  - 42,158 personal injury crashes or 77.3 percent of all personal injury crashes
  - 69,283 property damage crashes or 75.0 percent of all property damage crashes
- 4,316,277 automobiles were registered in Virginia with 3.6 percent involved in crashes

## The Driver

|                              | Drivers        | Percent      |
|------------------------------|----------------|--------------|
| <b>Driver Action</b>         |                |              |
| Ran Traffic Control          | 4,975          | 3.3          |
| Improper Passing             | 1,071          | 0.7          |
| Left of Center - Not Passing | 1,123          | 0.7          |
| Failure to Yield             | 15,103         | 9.9          |
| Inattention                  | 16,847         | 11.0         |
| Speed too Fast               | 10,412         | 6.8          |
| Improper Turn                | 2,336          | 1.5          |
| Improper Lane Change         | 1,471          | 1.0          |
| Following too Close          | 14,900         | 9.8          |
| Improper Backing             | 545            | 0.4          |
| Illegal or Improper Parking  | 195            | 0.1          |
| Lights Not On                | 73             |              |
| Hit and Run                  | 2,482          | 1.6          |
| Avoiding Pedestrian          | 74             |              |
| Avoiding Other Vehicle       | 2,265          | 1.5          |
| No Violation                 | 68,336         | 44.8         |
| Other                        | 10,363         | 6.8          |
| <b>Total</b>                 | <b>152,571</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>4,578</b>   |              |
| <b>Grand Total</b>           | <b>157,149</b> |              |

| <b>Drinking</b>               | <b>Drivers</b> | <b>Percent</b> |
|-------------------------------|----------------|----------------|
| <b>Driver Condition</b>       |                |                |
| Not Impaired                  | 146,585        | 95.4           |
| Drinking - Impaired           | 4,479          | 2.9            |
| Drinking - Not Impaired       | 1,189          | 0.8            |
| Drinking - Impairment Unknown | 1,335          | 0.9            |
| <b>Total</b>                  | <b>153,588</b> | <b>100.0</b>   |
| <b>Not Stated</b>             | <b>3,561</b>   |                |
| <b>Grand Total</b>            | <b>157,149</b> |                |

| <b>Physical</b>         | <b>Drivers</b> | <b>Percent</b> |
|-------------------------|----------------|----------------|
| <b>Driver Condition</b> |                |                |
| Not Impaired            | 149,582        | 97.6           |
| Physical Defect         | 827            | 0.5            |
| Ill                     | 403            | 0.3            |
| Fatigued                | 670            | 0.4            |
| Apparently Asleep       | 1,344          | 0.9            |
| Other                   | 502            | 0.3            |
| <b>Total</b>            | <b>153,328</b> | <b>100.0</b>   |
| <b>Not Stated</b>       | <b>3,821</b>   |                |
| <b>Grand Total</b>      | <b>157,149</b> |                |

|              | Male          | Female        | Not Stated   | Total          | Percent of Males |
|--------------|---------------|---------------|--------------|----------------|------------------|
| <b>Age</b>   |               |               |              |                |                  |
| Under 15     | 66            | 47            | 97           | 210            | 58.4             |
| 15           | 126           | 92            | 1            | 219            | 57.8             |
| 16           | 2,133         | 2,395         |              | 4,528          | 47.1             |
| 17           | 3,181         | 3,310         | 1            | 6,492          | 49.0             |
| 18           | 3,571         | 3,200         | 6            | 6,777          | 52.7             |
| 19           | 3,781         | 3,273         | 19           | 7,073          | 53.6             |
| 20           | 3,453         | 3,038         | 27           | 6,518          | 53.2             |
| 21-25        | 13,422        | 11,958        | 62           | 25,442         | 52.9             |
| 26-30        | 8,469         | 7,846         | 23           | 16,338         | 51.9             |
| 31-35        | 7,167         | 7,089         | 14           | 14,270         | 50.3             |
| 36-40        | 6,336         | 6,865         | 9            | 13,210         | 48.0             |
| 41-45        | 5,686         | 6,271         | 10           | 11,967         | 47.6             |
| 46-50        | 4,935         | 5,558         | 8            | 10,501         | 47.0             |
| 51-55        | 4,226         | 4,635         | 4            | 8,865          | 47.7             |
| 56-60        | 2,927         | 3,289         | 3            | 6,219          | 47.1             |
| 61-65        | 2,268         | 2,326         |              | 4,594          | 49.4             |
| 66-70        | 1,767         | 1,833         | 5            | 3,605          | 49.1             |
| Over 70      | 4,036         | 4,010         | 4            | 8,050          | 50.2             |
| Unknown      | 43            | 12            | 2,216        | 2,271          |                  |
| <b>Total</b> | <b>77,593</b> | <b>77,047</b> | <b>2,509</b> | <b>157,149</b> |                  |

## The Vehicle

|                       | Vehicles       | Percent      |
|-----------------------|----------------|--------------|
| <b>Vehicle Action</b> |                |              |
| Going Straight        | 75,120         | 48.0         |
| Turning Right         | 5,049          | 3.2          |
| Turning Left          | 17,607         | 11.3         |
| Making U-Turn         | 865            | 0.6          |
| Slowing-Stopping      | 12,216         | 7.8          |
| Ran Off Road          | 14,118         | 9.0          |
| Stopped in Traffic    | 20,380         | 13.0         |
| Backing               | 1,080          | 0.7          |
| Passing               | 879            | 0.6          |
| Changing Lanes        | 4,964          | 3.2          |
| Other                 | 4,114          | 2.6          |
| <b>Total</b>          | <b>156,392</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>757</b>     |              |
| <b>Grand Total</b>    | <b>157,149</b> |              |

|                       | Vehicles       | Percent      |
|-----------------------|----------------|--------------|
| <b>Vehicle Defect</b> |                |              |
| No Defect             | 151,738        | 98.5         |
| Lights                | 142            | 0.1          |
| Brakes                | 566            | 0.4          |
| Steering              | 196            | 0.1          |
| Tires                 | 804            | 0.5          |
| Motor                 | 177            | 0.1          |
| Other                 | 417            | 0.3          |
| <b>Total</b>          | <b>154,040</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>3,109</b>   |              |
| <b>Grand Total</b>    | <b>157,149</b> |              |

## The Environment

|                    | Crashes        | Percent      |
|--------------------|----------------|--------------|
| <b>Weather</b>     |                |              |
| Clear              | 74,430         | 66.7         |
| Cloudy             | 17,814         | 16.0         |
| Fog                | 539            | 0.5          |
| Mist               | 2,626          | 2.4          |
| Rain               | 14,647         | 13.1         |
| Snow               | 1,157          | 1.0          |
| Sleet              | 345            | 0.3          |
| Smoke/Dust         | 15             |              |
| Other              | 84             | 0.1          |
| <b>Total</b>       | <b>111,657</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>304</b>     |              |
| <b>Grand Total</b> | <b>111,961</b> |              |

|                           | Crashes        | Percent      |
|---------------------------|----------------|--------------|
| <b>Light</b>              |                |              |
| Dawn                      | 2,662          | 2.4          |
| Daylight                  | 75,816         | 67.9         |
| Dusk                      | 3,149          | 2.8          |
| Darkness (road lighted)   | 15,587         | 14.0         |
| Darkness (road unlighted) | 14,516         | 13.0         |
| <b>Total</b>              | <b>111,730</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>231</b>     |              |
| <b>Grand Total</b>        | <b>111,961</b> |              |

|                         | Crashes        | Percent      |
|-------------------------|----------------|--------------|
| <b>Traffic Controls</b> |                |              |
| No Controls             | 16,050         | 14.4         |
| Traffic Signals         | 24,341         | 21.9         |
| Stop Sign               | 11,100         | 10.0         |
| Slow/Warning Sign       | 639            | 0.6          |
| Yield Sign              | 1,391          | 1.2          |
| No Passing Zone         | 7,855          | 7.1          |
| R. R. Warning Sign      | 31             |              |
| R. R. Signals           | 18             |              |
| R. R. Gate and Signals  | 41             |              |
| Other                   | 49,825         | 44.8         |
| <b>Total</b>            | <b>111,291</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>670</b>     |              |
| <b>Grand Total</b>      | <b>111,961</b> |              |

# Virginia Crashes Involving Bicycles



## In 2002 there were:

- 12 bicycle riders killed in bicycle/motor vehicle crashes or 1.3 percent of all traffic fatalities
- 820 bicycle riders injured in bicycle/motor vehicle crashes or 1.0 percent of all traffic injuries
- 858 bicycle/motor vehicle crashes or 0.6 percent of all crashes
  - 12 fatal crashes or 1.4 percent of all fatal crashes
  - 821 personal injury crashes or 1.5 percent of all personal injury crashes
  - 25 property damage crashes or 0.0 percent of all property damage crashes

## The Bicyclist

|                              | Drivers    | Percent      |
|------------------------------|------------|--------------|
| <b>Bicyclist Action</b>      |            |              |
| Ran Traffic Control          | 59         | 9.3          |
| Improper Passing             | 3          | 0.5          |
| Left of Center - Not Passing | 47         | 7.4          |
| Failure to Yield             | 95         | 15.0         |
| Inattention                  | 72         | 11.3         |
| Speed too Fast               | 6          | 0.9          |
| Improper Turn                | 13         | 2.0          |
| Improper Lane Change         | 6          | 0.9          |
| Following too Close          | 3          | 0.5          |
| Improper Backing             |            |              |
| Illegal or Improper Parking  |            |              |
| Lights Not On                | 12         | 1.9          |
| Hit and Run                  | 11         | 1.7          |
| Avoiding Pedestrian          | 2          | 0.3          |
| Avoiding Other Vehicle       | 6          | 0.9          |
| No Violation                 | 200        | 31.5         |
| Other                        | 100        | 15.7         |
| <b>Total</b>                 | <b>635</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>233</b> |              |
| <b>Grand Total</b>           | <b>868</b> |              |

| <b>Drinking</b>               | Drivers    | Percent      |
|-------------------------------|------------|--------------|
| <b>Bicyclist Condition</b>    |            |              |
| Not Impaired                  | 634        | 92.4         |
| Drinking - Impaired           | 27         | 3.9          |
| Drinking - Not Impaired       | 5          | 0.7          |
| Drinking - Impairment Unknown | 20         | 2.9          |
| <b>Total</b>                  | <b>686</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>182</b> |              |
| <b>Grand Total</b>            | <b>868</b> |              |

| <b>Physical</b>            | Drivers    | Percent      |
|----------------------------|------------|--------------|
| <b>Bicyclist Condition</b> |            |              |
| Not Impaired               | 647        | 97.7         |
| Physical Defect            | 8          | 1.2          |
| Ill                        |            |              |
| Fatigued                   | 1          | 0.2          |
| Apparently Asleep          | 1          | 0.2          |
| Other                      | 5          | 0.8          |
| <b>Total</b>               | <b>662</b> | <b>100.0</b> |
| <b>Not Stated</b>          | <b>206</b> |              |
| <b>Grand Total</b>         | <b>868</b> |              |

|              | Male       | Female     | Not Stated | Total      | Percent of Males |
|--------------|------------|------------|------------|------------|------------------|
| <b>Age</b>   |            |            |            |            |                  |
| Under 5      | 1          | 1          |            | 2          | 50.0             |
| 5-9          | 38         | 13         | 1          | 52         | 74.5             |
| 10-14        | 139        | 24         | 2          | 165        | 85.3             |
| 15           | 15         | 1          |            | 16         | 93.8             |
| 16           | 21         | 2          | 1          | 24         | 91.3             |
| 17           | 13         | 6          | 1          | 20         | 68.4             |
| 18           | 17         | 4          |            | 21         | 81.0             |
| 19           | 19         | 2          |            | 21         | 90.5             |
| 20           | 14         | 10         |            | 24         | 58.3             |
| 21-25        | 74         | 10         |            | 84         | 88.1             |
| 26-30        | 38         | 15         |            | 53         | 71.7             |
| 31-35        | 39         | 10         |            | 49         | 79.6             |
| 36-40        | 47         | 6          |            | 53         | 88.7             |
| 41-45        | 59         | 11         |            | 70         | 84.3             |
| 46-50        | 40         | 5          |            | 45         | 88.9             |
| 51-55        | 27         | 2          | 1          | 30         | 93.1             |
| 56-60        | 7          | 2          |            | 9          | 77.8             |
| 61-65        | 10         |            |            | 10         | 100.0            |
| 66-70        | 5          | 1          |            | 6          | 83.3             |
| Over 70      | 8          |            |            | 8          | 100.0            |
| Unknown      | 1          | 1          | 104        | 106        |                  |
| <b>Total</b> | <b>632</b> | <b>126</b> | <b>110</b> | <b>868</b> |                  |

## The Bicyclist

|                       | Bicycles   | Percent      |
|-----------------------|------------|--------------|
| <b>Bicycle Action</b> |            |              |
| Going Straight        | 485        | 72.8         |
| Turning Right         | 25         | 3.8          |
| Turning Left          | 40         | 6.0          |
| Making U-Turn         | 5          | 0.8          |
| Slowing-Stopping      | 5          | 0.8          |
| Ran Off Road          | 2          | 0.3          |
| Stopped in Traffic    | 5          | 0.8          |
| Backing               | 2          | 0.3          |
| Passing               | 4          | 0.6          |
| Changing Lanes        | 19         | 2.9          |
| Other                 | 74         | 11.1         |
| <b>Total</b>          | <b>666</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>202</b> |              |
| <b>Grand Total</b>    | <b>868</b> |              |

|                       | Bicycles   | Percent      |
|-----------------------|------------|--------------|
| <b>Bicycle Defect</b> |            |              |
| No Defect             | 580        | 93.2         |
| Lights                | 9          | 1.4          |
| Brakes                | 22         | 3.5          |
| Steering              | 1          | 0.2          |
| Tires                 |            |              |
| Motor                 |            |              |
| Other                 | 10         | 1.6          |
| <b>Total</b>          | <b>622</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>246</b> |              |
| <b>Grand Total</b>    | <b>868</b> |              |

## The Environment

|                    | Crashes    | Percent      |
|--------------------|------------|--------------|
| <b>Weather</b>     |            |              |
| Clear              | 664        | 77.8         |
| Cloudy             | 124        | 14.5         |
| Fog                | 1          | 0.1          |
| Mist               | 12         | 1.4          |
| Rain               | 52         | 6.1          |
| Snow               |            |              |
| Sleet              | 1          | 0.1          |
| Smoke/Dust         |            |              |
| Other              |            |              |
| <b>Total</b>       | <b>854</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>4</b>   |              |
| <b>Grand Total</b> | <b>858</b> |              |

|                           | Crashes    | Percent      |
|---------------------------|------------|--------------|
| <b>Light</b>              |            |              |
| Dawn                      | 19         | 2.2          |
| Daylight                  | 652        | 76.1         |
| Dusk                      | 31         | 3.6          |
| Darkness (road lighted)   | 121        | 14.1         |
| Darkness (road unlighted) | 34         | 4.0          |
| <b>Total</b>              | <b>857</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>1</b>   |              |
| <b>Grand Total</b>        | <b>858</b> |              |

|                         | Crashes    | Percent      |
|-------------------------|------------|--------------|
| <b>Traffic Controls</b> |            |              |
| No Controls             | 215        | 25.4         |
| Traffic Signals         | 188        | 22.2         |
| Stop Sign               | 175        | 20.7         |
| Slow/Warning Sign       | 2          | 0.2          |
| Yield Sign              | 11         | 1.3          |
| No Passing Zone         | 24         | 2.8          |
| R. R. Warning Sign      |            |              |
| R. R. Signals           |            |              |
| R. R. Gate and Signals  |            |              |
| Other                   | 231        | 27.3         |
| <b>Total</b>            | <b>846</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>12</b>  |              |
| <b>Grand Total</b>      | <b>858</b> |              |

# Virginia Crashes Involving Buses



## In 2002 there were:

- 0 bus occupants killed or 0.0 percent of all traffic fatalities
- 270 bus occupants injured or 0.3 percent of all traffic injuries
- 560 bus crashes or 0.4 percent of all crashes
  - 2 fatal crashes or 0.2 percent of all fatal crashes
  - 214 personal injury crashes or 0.4 percent of all personal injury crashes
  - 344 property damage crashes or 0.4 percent of all property damage crashes
- 1,426 buses were registered in Virginia with 40.0 percent involved in crashes

NOTE: This table includes city transit and intercity buses but excludes school buses.

## The Driver

|                              | Drivers    | Percent      |
|------------------------------|------------|--------------|
| <b>Driver Action</b>         |            |              |
| Ran Traffic Control          | 7          | 1.3          |
| Improper Passing             | 9          | 1.7          |
| Left of Center - Not Passing | 1          | 0.2          |
| Failure to Yield             | 20         | 3.7          |
| Inattention                  | 38         | 7.1          |
| Speed too Fast               | 6          | 1.1          |
| Improper Turn                | 41         | 7.7          |
| Improper Lane Change         | 12         | 2.2          |
| Following too Close          | 23         | 4.3          |
| Improper Backing             | 12         | 2.2          |
| Illegal or Improper Parking  | 2          | 0.4          |
| Lights Not On                | 1          | 0.2          |
| Hit and Run                  | 3          | 0.6          |
| Avoiding Pedestrian          |            |              |
| Avoiding Other Vehicle       | 6          | 1.1          |
| No Violation                 | 325        | 60.9         |
| Other                        | 28         | 5.2          |
| <b>Total</b>                 | <b>534</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>36</b>  |              |
| <b>Grand Total</b>           | <b>570</b> |              |

| <b>Drinking</b>               | Drivers    | Percent      |
|-------------------------------|------------|--------------|
| <b>Driver Condition</b>       |            |              |
| Not Impaired                  | 554        | 100.0        |
| Drinking - Impaired           |            |              |
| Drinking - Not Impaired       |            |              |
| Drinking - Impairment Unknown |            |              |
| <b>Total</b>                  | <b>554</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>16</b>  |              |
| <b>Grand Total</b>            | <b>570</b> |              |

| <b>Physical</b>         | Drivers    | Percent      |
|-------------------------|------------|--------------|
| <b>Driver Condition</b> |            |              |
| Not Impaired            | 548        | 99.5         |
| Physical Defect         | 2          | 0.4          |
| Ill                     | 1          | 0.2          |
| Fatigued                |            |              |
| Apparently Asleep       |            |              |
| Other                   |            |              |
| <b>Total</b>            | <b>551</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>19</b>  |              |
| <b>Grand Total</b>      | <b>570</b> |              |

|              | Male       | Female     | Not Stated | Total      | Percent of Males |
|--------------|------------|------------|------------|------------|------------------|
| <b>Age</b>   |            |            |            |            |                  |
| Under 15     |            | 1          |            | 1          |                  |
| 15           |            |            |            |            |                  |
| 16           |            |            |            |            |                  |
| 17           |            |            |            |            |                  |
| 18           | 2          |            |            | 2          | 100.0            |
| 19           |            | 2          |            | 2          |                  |
| 20           | 3          | 2          |            | 5          | 60.0             |
| 21-25        | 16         | 19         |            | 35         | 45.7             |
| 26-30        | 20         | 23         | 1          | 44         | 46.5             |
| 31-35        | 26         | 23         |            | 49         | 53.1             |
| 36-40        | 34         | 29         |            | 63         | 54.0             |
| 41-45        | 42         | 52         |            | 94         | 44.7             |
| 46-50        | 49         | 40         |            | 89         | 55.1             |
| 51-55        | 56         | 21         |            | 77         | 72.7             |
| 56-60        | 28         | 15         |            | 43         | 65.1             |
| 61-65        | 30         | 4          |            | 34         | 88.2             |
| 66-70        | 12         | 1          |            | 13         | 92.3             |
| Over 70      | 11         |            |            | 11         | 100.0            |
| Unknown      |            |            | 8          | 8          |                  |
| <b>Total</b> | <b>329</b> | <b>232</b> | <b>9</b>   | <b>570</b> |                  |

## The Vehicle

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Action</b> |            |              |
| Going Straight        | 251        | 44.6         |
| Turning Right         | 53         | 9.4          |
| Turning Left          | 74         | 13.1         |
| Making U-Turn         | 1          | 0.2          |
| Slowing-Stopping      | 26         | 4.6          |
| Ran Off Road          | 4          | 0.7          |
| Stopped in Traffic    | 82         | 14.6         |
| Backing               | 14         | 2.5          |
| Passing               | 9          | 1.6          |
| Changing Lanes        | 21         | 3.7          |
| Other                 | 28         | 5.0          |
| <b>Total</b>          | <b>563</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>7</b>   |              |
| <b>Grand Total</b>    | <b>570</b> |              |

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Defect</b> |            |              |
| No Defect             | 538        | 97.3         |
| Lights                |            |              |
| Brakes                | 9          | 1.6          |
| Steering              |            |              |
| Tires                 |            |              |
| Motor                 | 1          | 0.2          |
| Other                 | 5          | 0.9          |
| <b>Total</b>          | <b>553</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>17</b>  |              |
| <b>Grand Total</b>    | <b>570</b> |              |

## The Environment

|                    | Crashes    | Percent      |
|--------------------|------------|--------------|
| <b>Weather</b>     |            |              |
| Clear              | 395        | 70.7         |
| Cloudy             | 76         | 13.6         |
| Fog                |            |              |
| Mist               | 11         | 2.0          |
| Rain               | 70         | 12.5         |
| Snow               | 5          | 0.9          |
| Sleet              | 2          | 0.4          |
| Smoke/Dust         |            |              |
| Other              |            |              |
| <b>Total</b>       | <b>559</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>1</b>   |              |
| <b>Grand Total</b> | <b>560</b> |              |

|                           | Crashes    | Percent      |
|---------------------------|------------|--------------|
| <b>Light</b>              |            |              |
| Dawn                      | 14         | 2.5          |
| Daylight                  | 454        | 81.2         |
| Dusk                      | 11         | 2.0          |
| Darkness (road lighted)   | 61         | 10.9         |
| Darkness (road unlighted) | 19         | 3.4          |
| <b>Total</b>              | <b>559</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>1</b>   |              |
| <b>Grand Total</b>        | <b>560</b> |              |

|                         | Crashes    | Percent      |
|-------------------------|------------|--------------|
| <b>Traffic Controls</b> |            |              |
| No Controls             | 112        | 20.2         |
| Traffic Signals         | 153        | 27.6         |
| Stop Sign               | 66         | 11.9         |
| Slow/Warning Sign       | 4          | 0.7          |
| Yield Sign              | 6          | 1.1          |
| No Passing Zone         | 9          | 1.6          |
| R. R. Warning Sign      |            |              |
| R. R. Signals           |            |              |
| R. R. Gate and Signals  | 1          | 0.2          |
| Other                   | 204        | 36.8         |
| <b>Total</b>            | <b>555</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>5</b>   |              |
| <b>Grand Total</b>      | <b>560</b> |              |

# Virginia Crashes Involving Mopeds



## In 2002 there were:

- 1 moped rider killed in moped/motor vehicle crashes or 0.1 percent of all traffic fatalities
- 155 moped riders injured in moped/motor vehicle crashes or 0.2 percent of all traffic injuries
- 177 moped/motor vehicle crashes or 0.1 percent of all crashes
  - 1 fatal crash or 0.1 percent of all fatal crashes
  - 153 personal injury crashes or 0.3 percent of all personal injury crashes
  - 23 property damage crashes or 0.0 percent of all property damage crashes

## The Driver

|                              | Drivers    | Percent      |
|------------------------------|------------|--------------|
| <b>Driver Action</b>         |            |              |
| Ran Traffic Control          | 9          | 5.4          |
| Improper Passing             | 3          | 1.8          |
| Left of Center - Not Passing |            |              |
| Failure to Yield             | 18         | 10.7         |
| Inattention                  | 38         | 22.6         |
| Speed too Fast               | 2          | 1.2          |
| Improper Turn                | 11         | 6.5          |
| Improper Lane Change         | 1          | 0.6          |
| Following too Close          | 5          | 3.0          |
| Improper Backing             |            |              |
| Illegal or Improper Parking  |            |              |
| Lights Not On                | 1          | 0.6          |
| Hit and Run                  | 2          | 1.2          |
| Avoiding Pedestrian          |            |              |
| Avoiding Other Vehicle       | 2          | 1.2          |
| No Violation                 | 56         | 33.3         |
| Other                        | 20         | 11.9         |
| <b>Total</b>                 | <b>168</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>10</b>  |              |
| <b>Grand Total</b>           | <b>178</b> |              |

| <b>Drinking</b>               | Drivers    | Percent      |
|-------------------------------|------------|--------------|
| <b>Driver Condition</b>       |            |              |
| Not Impaired                  | 151        | 89.3         |
| Drinking - Impaired           | 9          | 5.3          |
| Drinking - Not Impaired       |            |              |
| Drinking - Impairment Unknown | 9          | 5.3          |
| <b>Total</b>                  | <b>169</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>9</b>   |              |
| <b>Grand Total</b>            | <b>178</b> |              |

| <b>Physical</b>         | Drivers    | Percent      |
|-------------------------|------------|--------------|
| <b>Driver Condition</b> |            |              |
| Not Impaired            | 157        | 94.0         |
| Physical Defect         | 6          | 3.6          |
| Ill                     | 1          | 0.6          |
| Fatigued                |            |              |
| Apparently Asleep       | 1          | 0.6          |
| Other                   | 2          | 1.2          |
| <b>Total</b>            | <b>167</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>11</b>  |              |
| <b>Grand Total</b>      | <b>178</b> |              |

|              | Male       | Female    | Not Stated | Total      | Percent of Males |
|--------------|------------|-----------|------------|------------|------------------|
| <b>Age</b>   |            |           |            |            |                  |
| Under 5      |            |           |            |            |                  |
| 5-9          | 1          |           |            | 1          | 100.0            |
| 10-14        | 8          | 1         |            | 9          | 88.9             |
| 15           | 6          | 1         |            | 7          | 85.7             |
| 16           | 11         | 1         |            | 12         | 91.7             |
| 17           | 8          | 2         |            | 10         | 80.0             |
| 18           | 11         | 2         |            | 13         | 84.6             |
| 19           | 9          | 2         |            | 11         | 81.8             |
| 20           | 1          | 2         |            | 3          | 33.3             |
| 21-25        | 18         | 5         |            | 23         | 78.3             |
| 26-30        | 6          | 2         |            | 8          | 75.0             |
| 31-35        | 9          | 2         |            | 11         | 81.8             |
| 36-40        | 11         | 5         |            | 16         | 68.8             |
| 41-45        | 13         | 2         |            | 15         | 86.7             |
| 46-50        | 5          | 3         |            | 8          | 62.5             |
| 51-55        | 8          | 1         |            | 9          | 88.9             |
| 56-60        | 4          |           |            | 4          | 100.0            |
| 61-65        | 1          | 3         |            | 4          | 25.0             |
| 66-70        | 3          |           |            | 3          | 100.0            |
| Over 70      | 3          | 3         |            | 6          | 50.0             |
| Unknown      | 1          |           | 4          | 5          |                  |
| <b>Total</b> | <b>137</b> | <b>37</b> | <b>4</b>   | <b>178</b> |                  |

## The Vehicle

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Action</b> |            |              |
| Going Straight        | 93         | 53.4         |
| Turning Right         | 12         | 6.9          |
| Turning Left          | 22         | 12.6         |
| Making U-Turn         | 3          | 1.7          |
| Slowing-Stopping      | 6          | 3.4          |
| Ran Off Road          | 10         | 5.7          |
| Stopped in Traffic    | 11         | 6.3          |
| Backing               |            |              |
| Passing               | 3          | 1.7          |
| Changing Lanes        | 6          | 3.4          |
| Other                 | 8          | 4.6          |
| <b>Total</b>          | <b>174</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>4</b>   |              |
| <b>Grand Total</b>    | <b>178</b> |              |

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Defect</b> |            |              |
| No Defect             | 166        | 97.1         |
| Lights                | 1          | 0.6          |
| Brakes                | 1          | 0.6          |
| Steering              |            |              |
| Tires                 | 2          | 1.2          |
| Motor                 | 1          | 0.6          |
| Other                 |            |              |
| <b>Total</b>          | <b>171</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>7</b>   |              |
| <b>Grand Total</b>    | <b>178</b> |              |

## The Environment

|                    | Crashes    | Percent      |
|--------------------|------------|--------------|
| <b>Weather</b>     |            |              |
| Clear              | 133        | 75.1         |
| Cloudy             | 31         | 17.5         |
| Fog                |            |              |
| Mist               | 1          | 0.6          |
| Rain               | 11         | 6.2          |
| Snow               | 1          | 0.6          |
| Sleet              |            |              |
| Smoke/Dust         |            |              |
| Other              |            |              |
| <b>Total</b>       | <b>177</b> | <b>100.0</b> |
| <b>Not Stated</b>  |            |              |
| <b>Grand Total</b> | <b>177</b> |              |

|                           | Crashes    | Percent      |
|---------------------------|------------|--------------|
| <b>Light</b>              |            |              |
| Dawn                      | 1          | 0.6          |
| Daylight                  | 119        | 67.2         |
| Dusk                      | 5          | 2.8          |
| Darkness (road lighted)   | 34         | 19.2         |
| Darkness (road unlighted) | 18         | 10.2         |
| <b>Total</b>              | <b>177</b> | <b>100.0</b> |
| <b>Not Stated</b>         |            |              |
| <b>Grand Total</b>        | <b>177</b> |              |

|                         | Crashes    | Percent      |
|-------------------------|------------|--------------|
| <b>Traffic Controls</b> |            |              |
| No Controls             | 37         | 21.1         |
| Traffic Signals         | 33         | 18.9         |
| Stop Sign               | 27         | 15.4         |
| Slow/Warning Sign       |            |              |
| Yield Sign              | 3          | 1.7          |
| No Passing Zone         | 15         | 8.6          |
| R. R. Warning Sign      |            |              |
| R. R. Signals           |            |              |
| R. R. Gate and Signals  |            |              |
| Other                   | 60         | 34.3         |
| <b>Total</b>            | <b>175</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>2</b>   |              |
| <b>Grand Total</b>      | <b>177</b> |              |

# Virginia Crashes Involving Motorcycles



## In 2002 there were:

- 54 motorcycle occupants killed or 5.9 percent of all traffic fatalities
- 1,472 motorcycle occupants injured or 1.9 percent of all traffic injuries
- 1,648 motorcycle crashes or 1.1 percent of all crashes
  - 53 fatal crashes or 6.4 percent of all fatal crashes
  - 1,374 personal injury crashes or 2.5 percent of all personal injury crashes
  - 221 property damage crashes or 0.2 percent of all property damage crashes
- 100,230 motorcycles were registered in Virginia with 1.7 percent involved in crashes

## The Driver

|                              | Drivers      | Percent      |
|------------------------------|--------------|--------------|
| <b>Driver Action</b>         |              |              |
| Ran Traffic Control          | 21           | 1.3          |
| Improper Passing             | 31           | 1.9          |
| Left of Center - Not Passing | 22           | 1.3          |
| Failure to Yield             | 33           | 2.0          |
| Inattention                  | 186          | 11.3         |
| Speed too Fast               | 327          | 19.9         |
| Improper Turn                | 14           | 0.9          |
| Improper Lane Change         | 7            | 0.4          |
| Following too Close          | 69           | 4.2          |
| Improper Backing             | 1            | 0.1          |
| Illegal or Improper Parking  | 1            | 0.1          |
| Lights Not On                | 2            | 0.1          |
| Hit and Run                  | 10           | 0.6          |
| Avoiding Pedestrian          | 5            | 0.3          |
| Avoiding Other Vehicle       | 66           | 4.0          |
| No Violation                 | 666          | 40.6         |
| Other                        | 181          | 11.0         |
| <b>Total</b>                 | <b>1,642</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>46</b>    |              |
| <b>Grand Total</b>           | <b>1,688</b> |              |

| Drinking                      | Drivers      | Percent      |
|-------------------------------|--------------|--------------|
| <b>Driver Condition</b>       |              |              |
| Not Impaired                  | 1,491        | 91.6         |
| Drinking - Impaired           | 55           | 3.4          |
| Drinking - Not Impaired       | 35           | 2.2          |
| Drinking - Impairment Unknown | 46           | 2.8          |
| <b>Total</b>                  | <b>1,627</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>61</b>    |              |
| <b>Grand Total</b>            | <b>1,688</b> |              |

| Physical                | Drivers      | Percent      |
|-------------------------|--------------|--------------|
| <b>Driver Condition</b> |              |              |
| Not Impaired            | 1,610        | 99.1         |
| Physical Defect         | 4            | 0.2          |
| Ill                     | 3            | 0.2          |
| Fatigued                | 3            | 0.2          |
| Apparently Asleep       | 1            | 0.1          |
| Other                   | 4            | 0.2          |
| <b>Total</b>            | <b>1,625</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>63</b>    |              |
| <b>Grand Total</b>      | <b>1,688</b> |              |

|              | Male         | Female     | Not Stated | Total        | Percent of Males |
|--------------|--------------|------------|------------|--------------|------------------|
| <b>Age</b>   |              |            |            |              |                  |
| Under 15     | 4            |            | 3          | 7            | 100.0            |
| 15           | 3            |            |            | 3            | 100.0            |
| 16           | 5            | 2          |            | 7            | 71.4             |
| 17           | 7            | 2          |            | 9            | 77.8             |
| 18           | 23           | 2          |            | 25           | 92.0             |
| 19           | 43           | 2          |            | 45           | 95.6             |
| 20           | 25           | 3          |            | 28           | 89.3             |
| 21-25        | 237          | 11         | 2          | 250          | 95.6             |
| 26-30        | 243          | 9          |            | 252          | 96.4             |
| 31-35        | 206          | 14         |            | 220          | 93.6             |
| 36-40        | 187          | 26         |            | 213          | 87.8             |
| 41-45        | 165          | 13         |            | 178          | 92.7             |
| 46-50        | 177          | 12         | 1          | 190          | 93.7             |
| 51-55        | 121          | 10         |            | 131          | 92.4             |
| 56-60        | 44           | 2          |            | 46           | 95.7             |
| 61-65        | 23           | 1          |            | 24           | 95.8             |
| 66-70        | 23           |            |            | 23           | 100.0            |
| Over 70      | 12           | 3          |            | 15           | 80.0             |
| Unknown      |              |            | 22         | 22           |                  |
| <b>Total</b> | <b>1,548</b> | <b>112</b> | <b>28</b>  | <b>1,688</b> |                  |

## The Vehicle

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Action</b> |              |              |
| Going Straight        | 924          | 55.0         |
| Turning Right         | 60           | 3.6          |
| Turning Left          | 73           | 4.3          |
| Making U-Turn         | 6            | 0.4          |
| Slowing-Stopping      | 96           | 5.7          |
| Ran Off Road          | 365          | 21.7         |
| Stopped in Traffic    | 58           | 3.5          |
| Backing               | 1            | 0.1          |
| Passing               | 28           | 1.7          |
| Changing Lanes        | 35           | 2.1          |
| Other                 | 34           | 2.0          |
| <b>Total</b>          | <b>1,680</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>8</b>     |              |
| <b>Grand Total</b>    | <b>1,688</b> |              |

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Defect</b> |              |              |
| No Defect             | 1,580        | 96.5         |
| Lights                | 4            | 0.2          |
| Brakes                | 4            | 0.2          |
| Steering              | 6            | 0.4          |
| Tires                 | 19           | 1.2          |
| Motor                 | 6            | 0.4          |
| Other                 | 19           | 1.2          |
| <b>Total</b>          | <b>1,638</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>50</b>    |              |
| <b>Grand Total</b>    | <b>1,688</b> |              |

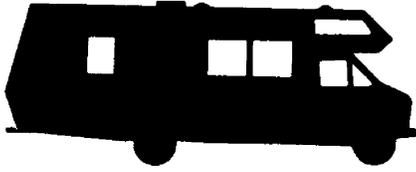
## The Environment

|                    | Crashes      | Percent      |
|--------------------|--------------|--------------|
| <b>Weather</b>     |              |              |
| Clear              | 1,342        | 81.5         |
| Cloudy             | 237          | 14.4         |
| Fog                | 2            | 0.1          |
| Mist               | 14           | 0.9          |
| Rain               | 49           | 3.0          |
| Snow               | 1            | 0.1          |
| Sleet              |              |              |
| Smoke/Dust         |              |              |
| Other              | 1            | 0.1          |
| <b>Total</b>       | <b>1,646</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>2</b>     |              |
| <b>Grand Total</b> | <b>1,648</b> |              |

|                           | Crashes      | Percent      |
|---------------------------|--------------|--------------|
| <b>Light</b>              |              |              |
| Dawn                      | 35           | 2.1          |
| Daylight                  | 1,161        | 70.6         |
| Dusk                      | 64           | 3.9          |
| Darkness (road lighted)   | 192          | 11.7         |
| Darkness (road unlighted) | 193          | 11.7         |
| <b>Total</b>              | <b>1,645</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>3</b>     |              |
| <b>Grand Total</b>        | <b>1,648</b> |              |

|                         | Crashes      | Percent      |
|-------------------------|--------------|--------------|
| <b>Traffic Controls</b> |              |              |
| No Controls             | 319          | 19.4         |
| Traffic Signals         | 186          | 11.3         |
| Stop Sign               | 145          | 8.8          |
| Slow/Warning Sign       | 28           | 1.7          |
| Yield Sign              | 12           | 0.7          |
| No Passing Zone         | 230          | 14.0         |
| R. R. Warning Sign      | 1            | 0.1          |
| R. R. Signals           |              |              |
| R. R. Gate and Signals  |              |              |
| Other                   | 720          | 43.9         |
| <b>Total</b>            | <b>1,641</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>7</b>     |              |
| <b>Grand Total</b>      | <b>1,648</b> |              |

# Virginia Crashes Involving Motorhomes/Recreational Vehicles



## In 2002 there were:

- 0 motorhome/recreational vehicle occupants killed or 0.0 percent of all traffic fatalities
- 31 motorhome/recreational vehicle occupants injured or 0.0 percent of all traffic injuries
- 125 motorhome/recreational vehicle crashes or 0.1 percent of all crashes
  - 1 fatal crash or 0.1 percent of all fatal crashes
  - 42 personal injury crashes or 0.1 percent of all personal injury crashes
  - 82 property damage crashes or 0.1 percent of all property damage crashes
- 16,330 motorhomes were registered in Virginia with 0.8 percent involved in crashes

## The Driver

|                              | Drivers    | Percent      |
|------------------------------|------------|--------------|
| <b>Driver Action</b>         |            |              |
| Ran Traffic Control          | 3          | 2.4          |
| Improper Passing             |            |              |
| Left of Center - Not Passing | 1          | 0.8          |
| Failure to Yield             | 10         | 8.1          |
| Inattention                  | 17         | 13.8         |
| Speed too Fast               | 8          | 6.5          |
| Improper Turn                | 5          | 4.1          |
| Improper Lane Change         | 5          | 4.1          |
| Following too Close          | 5          | 4.1          |
| Improper Backing             | 1          | 0.8          |
| Illegal or Improper Parking  |            |              |
| Lights Not On                |            |              |
| Hit and Run                  | 4          | 3.3          |
| Avoiding Pedestrian          |            |              |
| Avoiding Other Vehicle       |            |              |
| No Violation                 | 54         | 43.9         |
| Other                        | 10         | 8.1          |
| <b>Total</b>                 | <b>123</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>2</b>   |              |
| <b>Grand Total</b>           | <b>125</b> |              |

| <b>Drinking</b>               | <b>Drivers</b> | <b>Percent</b> |
|-------------------------------|----------------|----------------|
| <b>Driver Condition</b>       |                |                |
| Not Impaired                  | 108            | 91.5           |
| Drinking - Impaired           | 7              | 5.9            |
| Drinking - Not Impaired       | 1              | 0.8            |
| Drinking - Impairment Unknown | 2              | 1.7            |
| <b>Total</b>                  | <b>118</b>     | <b>100.0</b>   |
| <b>Not Stated</b>             | <b>7</b>       |                |
| <b>Grand Total</b>            | <b>125</b>     |                |

| <b>Physical</b>         | <b>Drivers</b> | <b>Percent</b> |
|-------------------------|----------------|----------------|
| <b>Driver Condition</b> |                |                |
| Not Impaired            | 115            | 96.6           |
| Physical Defect         | 2              | 1.7            |
| Ill                     | 1              | 0.8            |
| Fatigued                |                |                |
| Apparently Asleep       | 1              | 0.8            |
| Other                   |                |                |
| <b>Total</b>            | <b>119</b>     | <b>100.0</b>   |
| <b>Not Stated</b>       | <b>6</b>       |                |
| <b>Grand Total</b>      | <b>125</b>     |                |

|              | <b>Male</b> | <b>Female</b> | <b>Not Stated</b> | <b>Total</b> | <b>Percent of Males</b> |
|--------------|-------------|---------------|-------------------|--------------|-------------------------|
| <b>Age</b>   |             |               |                   |              |                         |
| Under 15     |             |               |                   |              |                         |
| 15           |             |               |                   |              |                         |
| 16           | 2           |               |                   | 2            | 100.0                   |
| 17           |             |               |                   |              |                         |
| 18           | 1           |               |                   | 1            | 100.0                   |
| 19           | 1           |               |                   | 1            | 100.0                   |
| 20           | 2           |               |                   | 2            | 100.0                   |
| 21-25        | 5           | 2             |                   | 7            | 71.4                    |
| 26-30        | 2           | 2             |                   | 4            | 50.0                    |
| 31-35        | 7           | 1             |                   | 8            | 87.5                    |
| 36-40        | 10          | 2             |                   | 12           | 83.3                    |
| 41-45        | 10          | 3             |                   | 13           | 76.9                    |
| 46-50        | 8           | 1             |                   | 9            | 88.9                    |
| 51-55        | 9           | 1             |                   | 10           | 90.0                    |
| 56-60        | 11          | 1             |                   | 12           | 91.7                    |
| 61-65        | 12          |               |                   | 12           | 100.0                   |
| 66-70        | 12          |               |                   | 12           | 100.0                   |
| Over 70      | 16          |               |                   | 16           | 100.0                   |
| Unknown      |             |               | 4                 | 4            |                         |
| <b>Total</b> | <b>108</b>  | <b>13</b>     | <b>4</b>          | <b>125</b>   |                         |

## The Vehicle

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Action</b> |            |              |
| Going Straight        | 66         | 53.2         |
| Turning Right         | 6          | 4.8          |
| Turning Left          | 7          | 5.6          |
| Making U-Turn         | 2          | 1.6          |
| Slowing-Stopping      | 6          | 4.8          |
| Ran Off Road          | 13         | 10.5         |
| Stopped in Traffic    | 3          | 2.4          |
| Backing               | 1          | 0.8          |
| Passing               | 1          | 0.8          |
| Changing Lanes        | 14         | 11.3         |
| Other                 | 5          | 4.0          |
| <b>Total</b>          | <b>124</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>1</b>   |              |
| <b>Grand Total</b>    | <b>125</b> |              |

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Defect</b> |            |              |
| No Defect             | 114        | 94.2         |
| Lights                | 1          | 0.8          |
| Brakes                |            |              |
| Steering              |            |              |
| Tires                 | 2          | 1.7          |
| Motor                 |            |              |
| Other                 | 4          | 3.3          |
| <b>Total</b>          | <b>121</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>4</b>   |              |
| <b>Grand Total</b>    | <b>125</b> |              |

## The Environment

|                    | Crashes    | Percent      |
|--------------------|------------|--------------|
| <b>Weather</b>     |            |              |
| Clear              | 91         | 73.4         |
| Cloudy             | 16         | 12.9         |
| Fog                |            |              |
| Mist               | 4          | 3.2          |
| Rain               | 11         | 8.9          |
| Snow               | 2          | 1.6          |
| Sleet              |            |              |
| Smoke/Dust         |            |              |
| Other              |            |              |
| <b>Total</b>       | <b>124</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>1</b>   |              |
| <b>Grand Total</b> | <b>125</b> |              |

|                           | Crashes    | Percent      |
|---------------------------|------------|--------------|
| <b>Light</b>              |            |              |
| Dawn                      | 1          | 0.8          |
| Daylight                  | 92         | 74.2         |
| Dusk                      | 5          | 4.0          |
| Darkness (road lighted)   | 10         | 8.1          |
| Darkness (road unlighted) | 16         | 12.9         |
| <b>Total</b>              | <b>124</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>1</b>   |              |
| <b>Grand Total</b>        | <b>125</b> |              |

|                         | Crashes    | Percent      |
|-------------------------|------------|--------------|
| <b>Traffic Controls</b> |            |              |
| No Controls             | 26         | 21.0         |
| Traffic Signals         | 16         | 12.9         |
| Stop Sign               | 11         | 8.9          |
| Slow/Warning Sign       | 1          | 0.8          |
| Yield Sign              |            |              |
| No Passing Zone         | 3          | 2.4          |
| R. R. Warning Sign      | 1          | 0.8          |
| R. R. Signals           |            |              |
| R. R. Gate and Signals  |            |              |
| Other                   | 66         | 53.2         |
| <b>Total</b>            | <b>124</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>1</b>   |              |
| <b>Grand Total</b>      | <b>125</b> |              |

# Virginia Crashes Involving Pedestrians



## In 2002 there were:

- 88 pedestrians killed in pedestrian/motor vehicle crashes or 9.6 percent of all traffic fatalities
- 1,900 pedestrians injured in pedestrian/motor vehicle crashes or 2.4 percent of all traffic injuries
- 1,895 pedestrian/motor vehicle crashes or 1.3 percent of all crashes
  - 88 fatal crashes or 10.6 percent of all fatal crashes
  - 1,807 personal injury crashes or 3.3 percent of all personal injury crashes

## The Pedestrian

|                                    | Pedestrians  | Percent      |
|------------------------------------|--------------|--------------|
| <b>Pedestrian Action</b>           |              |              |
| Crossing Against Signal            | 89           | 4.7          |
| Crossing Not At Crosswalk          | 382          | 20.1         |
| Crossing With Signal               | 123          | 6.5          |
| Walking With Traffic               | 124          | 6.5          |
| Walking Against Traffic            | 45           | 2.4          |
| Came Onto Road Between Parked Cars | 128          | 6.7          |
| Getting On Or Off Vehicle          | 37           | 1.9          |
| Working On Road                    | 51           | 2.7          |
| Standing Or Lying On Road          | 154          | 8.1          |
| Other                              | 771          | 40.5         |
| <b>Total</b>                       | <b>1,904</b> | <b>100.0</b> |
| <b>Not Stated</b>                  | <b>84</b>    |              |
| <b>Grand Total</b>                 | <b>1,988</b> |              |

| Drinking                             | Pedestrians  | Percent      |
|--------------------------------------|--------------|--------------|
| <b>Drinking Pedestrian Condition</b> |              |              |
| Not Impaired                         | 1,551        | 86.0         |
| Drinking - Impaired                  | 128          | 7.1          |
| Drinking - Not Impaired              | 15           | 0.8          |
| Drinking - Impairment Unknown        | 109          | 6.0          |
| <b>Total</b>                         | <b>1,803</b> | <b>100.0</b> |
| <b>Not Stated</b>                    | <b>185</b>   |              |
| <b>Grand Total</b>                   | <b>1,988</b> |              |

| Physical                             | Pedestrians  | Percent      |
|--------------------------------------|--------------|--------------|
| <b>Physical Pedestrian Condition</b> |              |              |
| Not Impaired                         | 1,652        | 92.9         |
| Physical Defect                      | 48           | 2.7          |
| Ill                                  | 7            | 0.4          |
| Fatigued                             | 6            | 0.3          |
| Apparently Asleep                    | 5            | 0.3          |
| Other                                | 61           | 3.4          |
| <b>Total</b>                         | <b>1,779</b> | <b>100.0</b> |
| <b>Not Stated</b>                    | <b>209</b>   |              |
| <b>Grand Total</b>                   | <b>1,988</b> |              |

|              | Male         | Female     | Not Stated | Total        | Percent of Males |
|--------------|--------------|------------|------------|--------------|------------------|
| <b>Age</b>   |              |            |            |              |                  |
| Under 5      | 37           | 16         |            | 53           | 69.8             |
| 5-9          | 92           | 46         |            | 138          | 66.7             |
| 10-14        | 110          | 66         |            | 176          | 62.5             |
| 15           | 28           | 15         |            | 43           | 65.1             |
| 16           | 25           | 13         |            | 38           | 65.8             |
| 17           | 34           | 21         |            | 55           | 61.8             |
| 18           | 28           | 17         |            | 45           | 62.2             |
| 19           | 29           | 17         |            | 46           | 63.0             |
| 20           | 29           | 25         |            | 54           | 53.7             |
| 21-25        | 110          | 75         |            | 185          | 59.5             |
| 26-30        | 102          | 57         |            | 159          | 64.2             |
| 31-35        | 92           | 59         |            | 151          | 60.9             |
| 36-40        | 107          | 65         |            | 172          | 62.2             |
| 41-45        | 84           | 68         |            | 152          | 55.3             |
| 46-50        | 91           | 51         |            | 142          | 64.1             |
| 51-55        | 67           | 34         |            | 101          | 66.3             |
| 56-60        | 33           | 29         |            | 62           | 53.2             |
| 61-65        | 31           | 23         |            | 54           | 57.4             |
| 66-70        | 20           | 15         |            | 35           | 57.1             |
| Over 70      | 42           | 54         |            | 96           | 43.8             |
| Unknown      | 25           | 6          |            | 31           |                  |
| <b>Total</b> | <b>1,216</b> | <b>772</b> |            | <b>1,988</b> |                  |

## The Vehicle

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Action</b> |              |              |
| Going Straight        | 1,125        | 57.9         |
| Turning Right         | 159          | 8.2          |
| Turning Left          | 204          | 10.5         |
| Making U-Turn         | 4            | 0.2          |
| Slowing-Stopping      | 43           | 2.2          |
| Ran Off Road          | 60           | 3.1          |
| Stopped in Traffic    | 36           | 1.9          |
| Backing               | 175          | 9.0          |
| Passing               | 12           | 0.6          |
| Changing Lanes        | 14           | 0.7          |
| Other                 | 111          | 5.7          |
| <b>Total</b>          | <b>1,943</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>48</b>    |              |
| <b>Grand Total</b>    | <b>1,991</b> |              |

**NOTE:** This format for pedestrians is based on action of the vehicle striking pedestrian.

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Defect</b> |              |              |
| No Defect             | 1,655        | 97.5         |
| Lights                | 4            | 0.2          |
| Brakes                | 5            | 0.3          |
| Steering              | 9            | 0.5          |
| Tires                 | 3            | 0.2          |
| Motor                 | 7            | 0.4          |
| Other                 | 14           | 0.8          |
| <b>Total</b>          | <b>1,697</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>294</b>   |              |
| <b>Grand Total</b>    | <b>1,991</b> |              |

## The Environment

|                    | Crashes      | Percent      |
|--------------------|--------------|--------------|
| <b>Weather</b>     |              |              |
| Clear              | 1,398        | 74.2         |
| Cloudy             | 251          | 13.3         |
| Fog                | 5            | 0.3          |
| Mist               | 30           | 1.6          |
| Rain               | 188          | 10.0         |
| Snow               | 10           | 0.5          |
| Sleet              | 3            | 0.2          |
| Smoke/Dust         |              |              |
| Other              |              |              |
| <b>Total</b>       | <b>1,885</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>10</b>    |              |
| <b>Grand Total</b> | <b>1,895</b> |              |

|                           | Crashes      | Percent      |
|---------------------------|--------------|--------------|
| <b>Light</b>              |              |              |
| Dawn                      | 50           | 2.6          |
| Daylight                  | 1,109        | 58.7         |
| Dusk                      | 54           | 2.9          |
| Darkness (road lighted)   | 443          | 23.4         |
| Darkness (road unlighted) | 234          | 12.4         |
| <b>Total</b>              | <b>1,890</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>5</b>     |              |
| <b>Grand Total</b>        | <b>1,895</b> |              |

|                         | Crashes      | Percent      |
|-------------------------|--------------|--------------|
| <b>Traffic Controls</b> |              |              |
| No Controls             | 698          | 37.5         |
| Traffic Signals         | 311          | 16.7         |
| Stop Sign               | 120          | 6.5          |
| Slow/Warning Sign       | 10           | 0.5          |
| Yield Sign              | 60           | 3.2          |
| No Passing Zone         | 5            | 0.3          |
| R. R. Warning Sign      | 1            | 0.1          |
| R. R. Signals           |              |              |
| R. R. Gate and Signals  |              |              |
| Other                   | 654          | 35.2         |
| <b>Total</b>            | <b>1,859</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>36</b>    |              |
| <b>Grand Total</b>      | <b>1,895</b> |              |

# Virginia Crashes Involving Pickup and Passenger Trucks



## In 2002 there were:

- 184 pickup/passenger truck occupants killed or 20.2 percent of all traffic fatalities
- 15,029 pickup/passenger truck occupants injured or 19.0 percent of all traffic injuries
- 54,829 pick-up/passenger truck crashes or 37.1 percent of all crashes
  - 293 fatal crashes or 35.2 percent of all fatal crashes
  - 19,620 personal injury crashes or 36.0 percent of all personal injury crashes
  - 34,916 property damage crashes or 37.8 percent of all property damage crashes
- 1,041,334 pickup/passenger trucks were registered in Virginia with 6.0 percent involved in crashes.

## The Driver

|                              | Drivers       | Percent      |
|------------------------------|---------------|--------------|
| <b>Driver Action</b>         |               |              |
| Ran Traffic Control          | 1,669         | 2.7          |
| Improper Passing             | 366           | 0.6          |
| Left of Center - Not Passing | 614           | 1.0          |
| Failure to Yield             | 4,617         | 7.6          |
| Inattention                  | 6,770         | 11.1         |
| Speed too Fast               | 3,921         | 6.4          |
| Improper Turn                | 862           | 1.4          |
| Improper Lane Change         | 501           | 0.8          |
| Following too Close          | 6,157         | 10.1         |
| Improper Backing             | 517           | 0.8          |
| Illegal or Improper Parking  | 59            | 0.1          |
| Lights Not On                | 18            |              |
| Hit and Run                  | 1,026         | 1.7          |
| Avoiding Pedestrian          | 29            |              |
| Avoiding Other Vehicle       | 976           | 1.6          |
| No Violation                 | 28,784        | 47.3         |
| Other                        | 3,993         | 6.6          |
| <b>Total</b>                 | <b>60,879</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>1,873</b>  |              |
| <b>Grand Total</b>           | <b>62,752</b> |              |

| <b>Drinking</b>               | <b>Drivers</b> | <b>Percent</b> |
|-------------------------------|----------------|----------------|
| <b>Driver Condition</b>       |                |                |
| Not Impaired                  | 57,779         | 94.5           |
| Drinking - Impaired           | 2,204          | 3.6            |
| Drinking - Not Impaired       | 496            | 0.8            |
| Drinking - Impairment Unknown | 682            | 1.1            |
| <b>Total</b>                  | <b>61,161</b>  | <b>100.0</b>   |
| <b>Not Stated</b>             | <b>1,591</b>   |                |
| <b>Grand Total</b>            | <b>62,752</b>  |                |

| <b>Physical</b>         | <b>Drivers</b> | <b>Percent</b> |
|-------------------------|----------------|----------------|
| <b>Driver Condition</b> |                |                |
| Not Impaired            | 59,575         | 97.6           |
| Physical Defect         | 311            | 0.5            |
| Ill                     | 164            | 0.3            |
| Fatigued                | 246            | 0.4            |
| Apparently Asleep       | 541            | 0.9            |
| Other                   | 182            | 0.3            |
| <b>Total</b>            | <b>61,019</b>  | <b>100.0</b>   |
| <b>Not Stated</b>       | <b>1,733</b>   |                |
| <b>Grand Total</b>      | <b>62,752</b>  |                |

|              | <b>Male</b>   | <b>Female</b> | <b>Not Stated</b> | <b>Total</b>  | <b>Percent of Males</b> |
|--------------|---------------|---------------|-------------------|---------------|-------------------------|
| <b>Age</b>   |               |               |                   |               |                         |
| Under 15     | 29            | 9             | 42                | 80            | 76.3                    |
| 15           | 41            | 23            |                   | 64            | 64.1                    |
| 16           | 892           | 430           |                   | 1,322         | 67.5                    |
| 17           | 1,164         | 466           | 1                 | 1,631         | 71.4                    |
| 18           | 1,204         | 422           | 1                 | 1,627         | 74.0                    |
| 19           | 1,294         | 397           | 2                 | 1,693         | 76.5                    |
| 20           | 1,193         | 395           | 1                 | 1,589         | 75.1                    |
| 21-25        | 5,435         | 1,903         | 17                | 7,355         | 74.1                    |
| 26-30        | 4,677         | 1,904         | 13                | 6,594         | 71.1                    |
| 31-35        | 4,928         | 2,298         | 10                | 7,236         | 68.2                    |
| 36-40        | 5,273         | 2,321         | 8                 | 7,602         | 69.4                    |
| 41-45        | 4,900         | 2,011         | 10                | 6,921         | 70.9                    |
| 46-50        | 4,032         | 1,501         | 1                 | 5,534         | 72.9                    |
| 51-55        | 3,280         | 1,195         | 3                 | 4,478         | 73.3                    |
| 56-60        | 2,400         | 687           | 1                 | 3,088         | 77.7                    |
| 61-65        | 1,659         | 308           | 1                 | 1,968         | 84.3                    |
| 66-70        | 1,073         | 176           | 4                 | 1,253         | 85.9                    |
| Over 70      | 1,488         | 190           |                   | 1,678         | 88.7                    |
| Unknown      | 17            | 6             | 1,016             | 1,039         |                         |
| <b>Total</b> | <b>44,979</b> | <b>16,642</b> | <b>1,131</b>      | <b>62,752</b> |                         |

## The Vehicle

|                       | Vehicles      | Percent      |
|-----------------------|---------------|--------------|
| <b>Vehicle Action</b> |               |              |
| Going Straight        | 29,401        | 47.1         |
| Turning Right         | 2,035         | 3.3          |
| Turning Left          | 5,848         | 9.4          |
| Making U-Turn         | 288           | 0.5          |
| Slowing-Stopping      | 5,090         | 8.2          |
| Ran Off Road          | 6,048         | 9.7          |
| Stopped in Traffic    | 9,005         | 14.4         |
| Backing               | 833           | 1.3          |
| Passing               | 375           | 0.6          |
| Changing Lanes        | 1,782         | 2.9          |
| Other                 | 1,677         | 2.7          |
| <b>Total</b>          | <b>62,382</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>370</b>    |              |
| <b>Grand Total</b>    | <b>62,752</b> |              |

|                        | Vehicles      | Percent      |
|------------------------|---------------|--------------|
| <b>Vehicles Defect</b> |               |              |
| No Defect              | 60,196        | 98.3         |
| Lights                 | 82            | 0.1          |
| Brakes                 | 278           | 0.5          |
| Steering               | 80            | 0.1          |
| Tires                  | 302           | 0.5          |
| Motor                  | 63            | 0.1          |
| Other                  | 215           | 0.4          |
| <b>Total</b>           | <b>61,216</b> | <b>100.0</b> |
| <b>Not Stated</b>      | <b>1,536</b>  |              |
| <b>Grand Total</b>     | <b>62,752</b> |              |

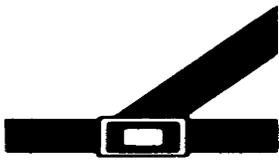
## The Environment

|                    | Crashes       | Percent      |
|--------------------|---------------|--------------|
| <b>Weather</b>     |               |              |
| Clear              | 35,869        | 65.6         |
| Cloudy             | 8,914         | 16.3         |
| Fog                | 262           | 0.5          |
| Mist               | 1,258         | 2.3          |
| Rain               | 7,054         | 12.9         |
| Snow               | 1,008         | 1.8          |
| Sleet              | 226           | 0.4          |
| Smoke/Dust         | 8             |              |
| Other              | 59            | 0.1          |
| <b>Total</b>       | <b>54,658</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>171</b>    |              |
| <b>Grand Total</b> | <b>54,829</b> |              |

|                           | Crashes       | Percent      |
|---------------------------|---------------|--------------|
| <b>Light</b>              |               |              |
| Dawn                      | 1,502         | 2.7          |
| Daylight                  | 38,838        | 71.0         |
| Dusk                      | 1,519         | 2.8          |
| Darkness (road lighted)   | 6,227         | 11.4         |
| Darkness (road unlighted) | 6,621         | 12.1         |
| <b>Total</b>              | <b>54,707</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>122</b>    |              |
| <b>Grand Total</b>        | <b>54,829</b> |              |

|                         | Crashes       | Percent      |
|-------------------------|---------------|--------------|
| <b>Traffic Controls</b> |               |              |
| No Controls             | 7,990         | 14.7         |
| Traffic Signals         | 11,934        | 21.9         |
| Stop Sign               | 5,113         | 9.4          |
| Slow/Warning Sign       | 324           | 0.6          |
| Yield Sign              | 730           | 1.3          |
| No Passing Zone         | 4,527         | 8.3          |
| R. R. Warning Sign      | 18            |              |
| R. R. Signals           | 7             |              |
| R. R. Gate and Signals  | 26            |              |
| Other                   | 23,819        | 43.7         |
| <b>Total</b>            | <b>54,488</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>341</b>    |              |
| <b>Grand Total</b>      | <b>54,829</b> |              |

# Virginia Crashes Involving Safety Restraints



In 2002 there were:

|            | Restraints    |          |         |                    |                   |         |       | Total  | Not Stated | Grand Total |
|------------|---------------|----------|---------|--------------------|-------------------|---------|-------|--------|------------|-------------|
|            | No Restraints | Lap Belt | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other |        |            |             |
| Fatalities | 438           | 7        | 11      | 220                | 3                 | 19      | 1     | 699    | 40         | 739         |
| Percent    | 62.7          | 1.0      | 1.6     | 31.5               | 0.4               | 2.7     | 0.1   | 100.0  |            |             |
| Injuries   | 9,912         | 2,680    | 1,634   | 52,286             | 1,142             | 1,754   | 198   | 69,606 | 2,014      | 71,620      |
| Percent    | 14.2          | 3.9      | 2.3     | 75.1               | 1.6               | 2.5     | 0.3   | 100.0  |            |             |
| Total      | 10,350        | 2,687    | 1,645   | 52,506             | 1,145             | 1,773   | 199   | 70,305 | 2,054      | 72,359      |
| Percent    | 14.7          | 3.8      | 2.3     | 74.7               | 1.6               | 2.5     | 0.3   | 100.0  |            |             |

Note: This excludes fatalities and injuries in vehicles not equipped with safety restraints, such as motorcycles, mopeds, bicycles and buses.

## Fatalities

| Age     | Restraints    |          |         |                    |                   |         |       | Total | Not Stated | Grand Total |
|---------|---------------|----------|---------|--------------------|-------------------|---------|-------|-------|------------|-------------|
|         | No Restraints | Lap Belt | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other |       |            |             |
| Under 1 |               |          |         |                    | 1                 |         |       | 1     |            | 1           |
| 1       |               |          |         |                    | 1                 |         |       | 1     |            | 1           |
| 2       |               |          |         |                    |                   |         |       |       |            |             |
| 3       |               |          |         |                    |                   |         |       |       |            |             |
| 4       | 1             |          |         |                    |                   |         |       | 1     |            | 1           |
| 5-9     | 2             |          |         | 2                  | 1                 |         |       | 5     |            | 5           |
| 10-14   | 7             | 1        |         | 7                  |                   |         |       | 15    | 1          | 16          |
| 15      | 5             |          |         | 1                  |                   |         |       | 6     | 2          | 8           |
| 16      | 15            | 1        | 1       | 8                  |                   |         |       | 25    | 1          | 26          |
| 17      | 7             | 1        |         | 8                  |                   | 1       |       | 17    | 1          | 18          |
| 18      | 27            |          | 1       | 9                  |                   | 1       |       | 38    | 2          | 40          |
| 19      | 22            |          |         | 8                  |                   |         |       | 30    | 3          | 33          |
| 20      | 18            |          | 1       | 9                  |                   |         |       | 28    | 2          | 30          |
| 21-25   | 71            |          | 1       | 22                 |                   | 1       |       | 95    | 6          | 101         |
| 26-30   | 34            |          | 2       | 15                 |                   | 1       |       | 52    | 2          | 54          |
| 31-35   | 26            | 1        |         | 15                 |                   | 1       |       | 43    | 3          | 46          |
| 36-40   | 38            |          | 1       | 7                  |                   |         | 1     | 47    | 1          | 48          |
| 41-45   | 35            |          |         | 6                  |                   | 3       |       | 44    | 3          | 47          |
| 46-50   | 26            |          | 1       | 14                 |                   | 2       |       | 43    | 2          | 45          |
| 51-55   | 26            | 1        | 2       | 15                 |                   | 3       |       | 47    | 1          | 48          |
| 56-60   | 20            |          |         | 10                 |                   |         |       | 30    | 2          | 32          |
| 61-65   | 13            |          |         | 10                 |                   |         |       | 23    | 3          | 26          |
| 66-70   | 11            |          |         | 8                  |                   | 3       |       | 22    | 1          | 23          |
| Over 70 | 31            | 2        | 1       | 45                 |                   | 3       |       | 82    | 4          | 86          |
| Unknown | 3             |          |         | 1                  |                   |         |       | 4     |            | 4           |

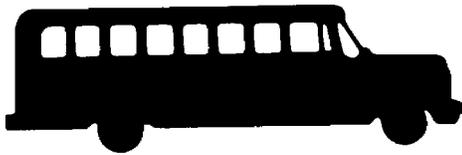
## Injuries

| Age     | No Restraints | Restraints |         |                    |                   |         |       |       | Total | Not Stated | Grand Total |
|---------|---------------|------------|---------|--------------------|-------------------|---------|-------|-------|-------|------------|-------------|
|         |               | Lap Belt   | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other |       |       |            |             |
| Under 1 | 11            | 1          | 1       | 16                 | 262               | 1       | 1     | 293   | 2     | 295        |             |
| 1       | 11            | 3          | 1       | 9                  | 238               |         |       | 262   | 2     | 264        |             |
| 2       | 23            | 12         | 3       | 59                 | 205               | 3       | 1     | 306   | 6     | 312        |             |
| 3       | 22            | 16         | 3       | 58                 | 180               | 1       |       | 280   | 2     | 282        |             |
| 4       | 36            | 31         | 3       | 121                | 117               | 1       | 1     | 310   | 3     | 313        |             |
| 5-9     | 194           | 248        | 36      | 947                | 119               | 13      | 3     | 1,560 | 29    | 1,589      |             |
| 10-14   | 351           | 222        | 42      | 1,318              |                   | 17      | 4     | 1,954 | 31    | 1,985      |             |
| 15      | 171           | 44         | 25      | 477                |                   | 7       | 1     | 725   | 22    | 747        |             |
| 16      | 381           | 79         | 47      | 1,430              |                   | 53      | 5     | 1,995 | 34    | 2,029      |             |
| 17      | 535           | 101        | 67      | 1,744              |                   | 66      | 7     | 2,520 | 47    | 2,567      |             |
| 18      | 580           | 84         | 69      | 1,852              |                   | 91      | 12    | 2,688 | 75    | 2,763      |             |
| 19      | 612           | 86         | 72      | 1,808              |                   | 92      | 8     | 2,678 | 82    | 2,760      |             |
| 20      | 458           | 78         | 60      | 1,650              |                   | 88      | 9     | 2,343 | 80    | 2,423      |             |
| 21-25   | 1,777         | 279        | 223     | 6,633              |                   | 300     | 31    | 9,243 | 310   | 9,553      |             |
| 26-30   | 957           | 198        | 147     | 5,010              |                   | 187     | 17    | 6,516 | 200   | 6,716      |             |
| 31-35   | 818           | 191        | 124     | 4,939              |                   | 132     | 20    | 6,224 | 203   | 6,427      |             |
| 36-40   | 712           | 204        | 154     | 4,957              |                   | 135     | 12    | 6,174 | 175   | 6,349      |             |
| 41-45   | 578           | 169        | 140     | 4,471              |                   | 122     | 19    | 5,499 | 159   | 5,658      |             |
| 46-50   | 453           | 149        | 113     | 3,896              |                   | 110     | 7     | 4,728 | 139   | 4,867      |             |
| 51-55   | 324           | 134        | 91      | 3,231              |                   | 83      | 15    | 3,878 | 102   | 3,980      |             |
| 56-60   | 228           | 90         | 59      | 2,204              |                   | 65      | 7     | 2,653 | 57    | 2,710      |             |
| 61-65   | 153           | 63         | 39      | 1,548              |                   | 52      | 4     | 1,859 | 61    | 1,920      |             |
| 66-70   | 139           | 58         | 32      | 1,159              |                   | 34      | 5     | 1,427 | 41    | 1,468      |             |
| Over 70 | 271           | 104        | 70      | 2,395              |                   | 92      | 6     | 2,938 | 98    | 3,036      |             |
| Unknown | 117           | 36         | 13      | 354                | 21                | 9       | 3     | 553   | 54    | 607        |             |

## Total Fatalities and Injuries

| Age     | No Restraints | Restraints |         |                    |                   |         |       |       | Total | Not Stated | Grand Total |
|---------|---------------|------------|---------|--------------------|-------------------|---------|-------|-------|-------|------------|-------------|
|         |               | Lap Belt   | Harness | Lap Belt & Harness | Child Safety Seat | Air Bag | Other |       |       |            |             |
| Under 1 | 11            | 1          | 1       | 16                 | 263               | 1       | 1     | 294   | 20    | 296        |             |
| 1       | 11            | 3          | 1       | 9                  | 239               |         |       | 263   | 2     | 265        |             |
| 2       | 23            | 12         | 3       | 60                 | 205               | 3       | 1     | 307   | 6     | 313        |             |
| 3       | 22            | 16         | 3       | 58                 | 180               | 1       |       | 280   | 2     | 282        |             |
| 4       | 37            | 31         | 3       | 121                | 117               | 1       | 1     | 311   | 3     | 314        |             |
| 5-9     | 196           | 248        | 36      | 949                | 120               | 13      | 3     | 1,565 | 29    | 1,594      |             |
| 10-14   | 358           | 223        | 42      | 1,325              |                   | 17      | 4     | 1,969 | 32    | 2,001      |             |
| 15      | 176           | 44         | 25      | 478                |                   | 7       | 1     | 731   | 24    | 755        |             |
| 16      | 396           | 80         | 48      | 1,438              |                   | 53      | 5     | 2,020 | 35    | 2,055      |             |
| 17      | 542           | 102        | 67      | 1,752              |                   | 67      | 7     | 2,537 | 48    | 2,585      |             |
| 18      | 607           | 84         | 70      | 1,861              |                   | 92      | 12    | 2,726 | 77    | 2,803      |             |
| 19      | 634           | 86         | 72      | 1,816              |                   | 92      | 8     | 2,708 | 85    | 2,793      |             |
| 20      | 476           | 78         | 61      | 1,659              |                   | 88      | 9     | 2,371 | 82    | 2,453      |             |
| 21-25   | 1,848         | 279        | 224     | 6,655              |                   | 301     | 31    | 9,338 | 316   | 9,654      |             |
| 26-30   | 991           | 198        | 149     | 5,025              |                   | 188     | 17    | 6,568 | 202   | 6,770      |             |
| 31-35   | 844           | 192        | 124     | 4,954              |                   | 133     | 20    | 6,267 | 206   | 6,473      |             |
| 36-40   | 750           | 204        | 155     | 4,964              |                   | 135     | 13    | 6,221 | 176   | 6,397      |             |
| 41-45   | 613           | 169        | 140     | 4,477              |                   | 125     | 19    | 5,543 | 162   | 5,705      |             |
| 46-50   | 479           | 149        | 114     | 3,910              |                   | 112     | 7     | 4,771 | 141   | 4,912      |             |
| 51-55   | 350           | 135        | 93      | 3,246              |                   | 86      | 15    | 3,925 | 103   | 4,028      |             |
| 56-60   | 248           | 90         | 59      | 2,214              |                   | 65      | 7     | 2,683 | 59    | 2,742      |             |
| 61-65   | 166           | 63         | 39      | 1,558              |                   | 52      | 4     | 1,882 | 64    | 1,946      |             |
| 66-70   | 150           | 58         | 32      | 1,167              |                   | 37      | 5     | 1,449 | 42    | 1,491      |             |
| Over 70 | 302           | 106        | 71      | 2,440              |                   | 95      | 6     | 3,020 | 102   | 3,122      |             |
| Unknown | 120           | 36         | 13      | 355                | 21                | 9       | 3     | 557   | 54    | 611        |             |

# Virginia Crashes Involving School Buses



## In 2002 there were:

- 0 school bus occupants killed or 0.0 percent of all traffic fatalities
- 411 school bus occupants injured or 0.5 percent of all traffic injuries
- 700 school bus crashes or 0.5 percent of all crashes
  - 4 fatal crashes or 0.5 percent of all fatal crashes
  - 222 personal injury crashes or 0.4 percent of all personal injury crashes
  - 474 property damage crashes or 0.5 percent of all property damage crashes
- 20,078 school buses were registered in Virginia with 3.5 percent involved in crashes
  - 0 persons were killed getting on or off of school buses
  - 0 persons were injured getting on or off of school buses

## The Driver

|                              | Drivers    | Percent      |
|------------------------------|------------|--------------|
| <b>Driver Action</b>         |            |              |
| Ran Traffic Control          | 6          | 0.9          |
| Improper Passing             | 2          | 0.3          |
| Left of Center - Not Passing | 7          | 1.0          |
| Failure to Yield             | 39         | 5.6          |
| Inattention                  | 85         | 12.3         |
| Speed too Fast               | 10         | 1.4          |
| Improper Turn                | 39         | 5.6          |
| Improper Lane Change         | 6          | 0.9          |
| Following too Close          | 25         | 3.6          |
| Improper Backing             | 36         | 5.2          |
| Illegal or Improper Parking  |            |              |
| Lights Not On                |            |              |
| Hit and Run                  | 3          | 0.4          |
| Avoiding Pedestrian          | 1          | 0.1          |
| Avoiding Other Vehicle       | 16         | 2.3          |
| No Violation                 | 373        | 53.9         |
| Other                        | 44         | 6.4          |
| <b>Total</b>                 | <b>692</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>19</b>  |              |
| <b>Grand Total</b>           | <b>711</b> |              |

| <b>Drinking</b>               | Drivers    | Percent      |
|-------------------------------|------------|--------------|
| <b>Driver Condition</b>       |            |              |
| Not Impaired                  | 697        | 99.9         |
| Drinking - Impaired           |            |              |
| Drinking - Not Impaired       |            |              |
| Drinking - Impairment Unknown | 1          | 0.1          |
| <b>Total</b>                  | <b>698</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>13</b>  |              |
| <b>Grand Total</b>            | <b>711</b> |              |

| <b>Physical</b>         | Drivers    | Percent      |
|-------------------------|------------|--------------|
| <b>Driver Condition</b> |            |              |
| Not Impaired            | 699        | 99.7         |
| Physical Defect         |            |              |
| Ill                     | 1          | 0.1          |
| Fatigued                |            |              |
| Apparently Asleep       |            |              |
| Other                   | 1          | 0.1          |
| <b>Total</b>            | <b>701</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>10</b>  |              |
| <b>Grand Total</b>      | <b>711</b> |              |

|              | Male       | Female     | Not Stated | Total      | Percent of Males |
|--------------|------------|------------|------------|------------|------------------|
| <b>Age</b>   |            |            |            |            |                  |
| Under 15     |            |            |            |            |                  |
| 15           |            |            |            |            |                  |
| 16           | 1          |            |            | 1          | 100.0            |
| 17           |            |            |            |            |                  |
| 18           |            | 1          |            | 1          |                  |
| 19           |            |            |            |            |                  |
| 20           |            |            |            |            |                  |
| 21-25        | 5          | 19         |            | 24         | 20.8             |
| 26-30        | 9          | 46         |            | 55         | 16.4             |
| 31-35        | 15         | 62         |            | 77         | 19.5             |
| 36-40        | 21         | 77         |            | 98         | 21.4             |
| 41-45        | 23         | 70         |            | 93         | 24.7             |
| 46-50        | 18         | 61         |            | 79         | 22.8             |
| 51-55        | 31         | 67         |            | 98         | 31.6             |
| 56-60        | 35         | 48         |            | 83         | 42.2             |
| 61-65        | 23         | 18         |            | 41         | 56.1             |
| 66-70        | 20         | 12         |            | 32         | 62.5             |
| Over 70      | 13         | 8          |            | 21         | 61.9             |
| Unknown      |            | 1          | 7          | 8          |                  |
| <b>Total</b> | <b>214</b> | <b>490</b> | <b>7</b>   | <b>711</b> |                  |

## The Vehicle

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Action</b> |            |              |
| Going Straight        | 300        | 42.3         |
| Turning Right         | 61         | 8.6          |
| Turning Left          | 85         | 12.0         |
| Making U-Turn         | 3          | 0.4          |
| Slowing-Stopping      | 35         | 4.9          |
| Ran Off Road          | 18         | 2.5          |
| Stopped in Traffic    | 114        | 16.1         |
| Backing               | 55         | 7.8          |
| Passing               | 3          | 0.4          |
| Changing Lanes        | 14         | 2.0          |
| Other                 | 21         | 3.0          |
| <b>Total</b>          | <b>709</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>2</b>   |              |
| <b>Grand Total</b>    | <b>711</b> |              |

|                       | Vehicles   | Percent      |
|-----------------------|------------|--------------|
| <b>Vehicle Defect</b> |            |              |
| No Defect             | 691        | 98.9         |
| Lights                |            |              |
| Brakes                | 6          | 0.9          |
| Steering              | 1          | 0.1          |
| Tires                 |            |              |
| Motor                 | 1          | 0.1          |
| Other                 |            |              |
| <b>Total</b>          | <b>699</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>12</b>  |              |
| <b>Grand Total</b>    | <b>711</b> |              |

## The Environment

|                    | Crashes    | Percent      |
|--------------------|------------|--------------|
| <b>Weather</b>     |            |              |
| Clear              | 475        | 68.2         |
| Cloudy             | 100        | 14.4         |
| Fog                | 1          | 0.1          |
| Mist               | 25         | 3.6          |
| Rain               | 84         | 12.1         |
| Snow               | 9          | 1.3          |
| Sleet              | 2          | 0.3          |
| Smoke/Dust         |            |              |
| Other              | 1          | 0.1          |
| <b>Total</b>       | <b>696</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>4</b>   |              |
| <b>Grand Total</b> | <b>700</b> |              |

|                           | Crashes    | Percent      |
|---------------------------|------------|--------------|
| <b>Light</b>              |            |              |
| Dawn                      | 25         | 3.6          |
| Daylight                  | 641        | 91.7         |
| Dusk                      | 8          | 1.1          |
| Darkness (road lighted)   | 21         | 3.0          |
| Darkness (road unlighted) | 4          | 0.6          |
| <b>Total</b>              | <b>699</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>1</b>   |              |
| <b>Grand Total</b>        | <b>700</b> |              |

|                         | Crashes    | Percent      |
|-------------------------|------------|--------------|
| <b>Traffic Controls</b> |            |              |
| No Controls             | 189        | 27.3         |
| Traffic Signals         | 119        | 17.2         |
| Stop Sign               | 109        | 15.7         |
| Slow/Warning Sign       | 4          | 0.6          |
| Yield Sign              | 6          | 0.9          |
| No Passing Zone         | 44         | 6.3          |
| R. R. Warning Sign      | 3          | 0.4          |
| R. R. Signals           | 1          | 0.1          |
| R. R. Gate and Signals  | 1          | 0.1          |
| Other                   | 217        | 31.3         |
| <b>Total</b>            | <b>693</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>7</b>   |              |
| <b>Grand Total</b>      | <b>700</b> |              |

# Virginia Crashes Involving Trains/Vehicles



## In 2002 there were:

- 0 persons killed in train/vehicle crashes or 0.0 percent of all traffic fatalities
- 11 persons injured in train/vehicle crashes or 0.0 percent of all traffic injuries
- 19 train/vehicle crashes or 0.0 percent of all crashes
  - 0 fatal crashes or 0.0 percent of all fatal crashes
  - 9 personal injury crashes or 0.0 percent of all personal injury crashes
  - 10 property damage crashes or 0.0 percent of all property damage crashes

NOTE: Bicycles, mopeds, and pedestrians are included only when a motor vehicle is involved.

## The Driver

|                              | Drivers   | Percent      |
|------------------------------|-----------|--------------|
| <b>Driver Action</b>         |           |              |
| Ran Traffic Control          | 4         | 20.0         |
| Improper Passing             |           |              |
| Left of Center - Not Passing |           |              |
| Failure to Yield             | 2         | 10.0         |
| Inattention                  | 7         | 35.0         |
| Speed too Fast               |           |              |
| Improper Turn                |           |              |
| Improper Lane Change         |           |              |
| Following too Close          |           |              |
| Improper Backing             |           |              |
| Illegal or Improper Parking  |           |              |
| Lights Not On                |           |              |
| Hit and Run                  |           |              |
| Avoiding Pedestrian          |           |              |
| Avoiding Other Vehicle       |           |              |
| No Violation                 | 2         | 10.0         |
| Other                        | 5         | 25.0         |
| <b>Total</b>                 | <b>20</b> | <b>100.0</b> |
| <b>Not Stated</b>            |           |              |
| <b>Grand Total</b>           | <b>20</b> |              |

| <b>Drinking</b>               | Drivers   | Percent      |
|-------------------------------|-----------|--------------|
| <b>Driver Condition</b>       |           |              |
| Not Impaired                  | 14        | 73.7         |
| Drinking - Impaired           | 4         | 21.1         |
| Drinking - Not Impaired       | 1         | 5.3          |
| Drinking - Impairment Unknown |           |              |
| <b>Total</b>                  | <b>19</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>1</b>  |              |
| <b>Grand Total</b>            | <b>20</b> |              |

| <b>Physical</b>         | Drivers   | Percent      |
|-------------------------|-----------|--------------|
| <b>Driver Condition</b> |           |              |
| Not Impaired            | 19        | 100.0        |
| Physical Defect         |           |              |
| Ill                     |           |              |
| Fatigued                |           |              |
| Apparently Asleep       |           |              |
| Other                   |           |              |
| <b>Total</b>            | <b>19</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>1</b>  |              |
| <b>Grand Total</b>      | <b>20</b> |              |

|              | Male      | Female   | Not Stated | Total     | Percent of Males |
|--------------|-----------|----------|------------|-----------|------------------|
| <b>Age</b>   |           |          |            |           |                  |
| Under 15     |           |          |            |           |                  |
| 15           |           |          |            |           |                  |
| 16           |           |          |            |           |                  |
| 17           |           |          |            |           |                  |
| 18           |           |          |            |           |                  |
| 19           |           |          |            |           |                  |
| 20           |           |          |            |           |                  |
| 21-25        | 4         | 3        |            | 7         | 57.1             |
| 26-30        | 1         |          |            | 1         | 100.0            |
| 31-35        | 2         | 1        |            | 3         | 66.7             |
| 36-40        |           |          |            |           |                  |
| 41-45        | 1         |          |            | 1         | 100.0            |
| 46-50        | 1         |          |            | 1         | 100.0            |
| 51-55        | 2         |          |            | 2         | 100.0            |
| 56-60        | 1         |          |            | 1         | 100.0            |
| 61-65        | 1         | 1        |            | 2         | 50.0             |
| 66-70        |           |          |            |           |                  |
| Over 70      |           | 1        |            | 1         |                  |
| Unknown      |           |          | 1          | 1         |                  |
| <b>Total</b> | <b>13</b> | <b>6</b> | <b>1</b>   | <b>20</b> |                  |

## The Vehicle

|                       | Vehicles  | Percent      |
|-----------------------|-----------|--------------|
| <b>Vehicle Action</b> |           |              |
| Going Straight        | 12        | 60.0         |
| Turning Right         | 1         | 5.0          |
| Turning Left          | 1         | 5.0          |
| Making U-Turn         |           |              |
| Slowing-Stopping      | 2         | 10.0         |
| Ran Off Road          |           |              |
| Stopped in Traffic    | 3         | 15.0         |
| Backing               |           |              |
| Passing               |           |              |
| Changing Lanes        |           |              |
| Other                 | 1         | 5.0          |
| <b>Total</b>          | <b>20</b> | <b>100.0</b> |
| <b>Not Stated</b>     |           |              |
| <b>Grand Total</b>    | <b>20</b> |              |

|                       | Vehicles  | Percent      |
|-----------------------|-----------|--------------|
| <b>Vehicle Defect</b> |           |              |
| No Defect             | 18        | 100.0        |
| Lights                |           |              |
| Brakes                |           |              |
| Steering              |           |              |
| Tires                 |           |              |
| Motor                 |           |              |
| Other                 |           |              |
| <b>Total</b>          | <b>18</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>2</b>  |              |
| <b>Grand Total</b>    | <b>20</b> |              |

## The Environment

|                    | Crashes   | Percent      |
|--------------------|-----------|--------------|
| <b>Weather</b>     |           |              |
| Clear              | 16        | 84.2         |
| Cloudy             | 2         | 10.5         |
| Fog                |           |              |
| Mist               |           |              |
| Rain               | 1         | 5.3          |
| Snow               |           |              |
| Sleet              |           |              |
| Smoke/Dust         |           |              |
| Other              |           |              |
| <b>Total</b>       | <b>19</b> | <b>100.0</b> |
| <b>Not Stated</b>  |           |              |
| <b>Grand Total</b> | <b>19</b> |              |

|                           | Crashes   | Percent      |
|---------------------------|-----------|--------------|
| <b>Light</b>              |           |              |
| Dawn                      |           |              |
| Daylight                  | 6         | 31.6         |
| Dusk                      |           |              |
| Darkness (road lighted)   | 7         | 36.8         |
| Darkness (road unlighted) | 6         | 31.6         |
| <b>Total</b>              | <b>19</b> | <b>100.0</b> |
| <b>Not Stated</b>         |           |              |
| <b>Grand Total</b>        | <b>19</b> |              |

|                         | Crashes   | Percent      |
|-------------------------|-----------|--------------|
| <b>Traffic Controls</b> |           |              |
| No Controls             | 1         | 5.6          |
| Traffic Signals         | 2         | 11.1         |
| Stop Sign               | 1         | 5.6          |
| Slow/Warning Sign       |           |              |
| Yield Sign              |           |              |
| No Passing Zone         | 1         | 5.6          |
| R. R. Warning Sign      | 1         | 5.6          |
| R. R. Signals           | 6         | 33.3         |
| R. R. Gate and Signals  | 5         | 27.8         |
| Other                   | 1         | 5.6          |
| <b>Total</b>            | <b>18</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>1</b>  |              |
| <b>Grand Total</b>      | <b>19</b> |              |

# Virginia Crashes Involving Straight Trucks



## In 2002 there were:

- 7 straight truck occupants killed or 0.8 percent of all traffic fatalities
- 500 straight truck occupants injured or 0.6 percent of all traffic injuries
- 4,084 straight truck crashes or 2.8 percent of all crashes
  - 33 fatal crashes or 4.0 percent of all fatal crashes
  - 1,299 personal injury crashes or 2.4 percent of all personal injury crashes
  - 2,752 property damage crashes or 3.0 percent of all property damage crashes
  - 274 covered straight truck crashes or 6.7 percent of all straight truck crashes
  - 18 hazardous material straight truck crashes or 0.4 percent of all straight truck crashes
- 36 persons were killed in straight truck crashes, 29 (80.6 percent) were not straight truck occupants
- 222,028 straight trucks were registered in Virginia with 1.9 percent involved in crashes

NOTE: The category of straight trucks includes: straight, flat bed, dump, and tractor(w/o trailer) trucks and wreckers.

## The Driver

|                              | Drivers      | Percent      |
|------------------------------|--------------|--------------|
| <b>Driver Action</b>         |              |              |
| Ran Traffic Control          | 90           | 2.2          |
| Improper Passing             | 28           | 0.7          |
| Left of Center - Not Passing | 48           | 1.2          |
| Failure to Yield             | 225          | 5.5          |
| Inattention                  | 495          | 12.2         |
| Speed too Fast               | 183          | 4.5          |
| Improper Turn                | 140          | 3.4          |
| Improper Lane Change         | 93           | 2.3          |
| Following too Close          | 352          | 8.6          |
| Improper Backing             | 150          | 3.7          |
| Illegal or Improper Parking  | 16           | 0.4          |
| Lights Not On                | 1            |              |
| Hit and Run                  | 65           | 1.6          |
| Avoiding Pedestrian          | 5            | 0.1          |
| Avoiding Other Vehicle       | 89           | 2.2          |
| No Violation                 | 1,744        | 42.8         |
| Other                        | 349          | 8.6          |
| <b>Total</b>                 | <b>4,073</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>116</b>   |              |
| <b>Grand Total</b>           | <b>4,189</b> |              |

| Drinking                      | Drivers      | Percent      |
|-------------------------------|--------------|--------------|
| <b>Driver Condition</b>       |              |              |
| Not Impaired                  | 4,004        | 98.4         |
| Drinking - Impaired           | 51           | 1.3          |
| Drinking - Not Impaired       | 5            | 0.1          |
| Drinking - Impairment Unknown | 10           | 0.2          |
| <b>Total</b>                  | <b>4,070</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>119</b>   |              |
| <b>Grand Total</b>            | <b>4,189</b> |              |

| Physical                | Drivers      | Percent      |
|-------------------------|--------------|--------------|
| <b>Driver Condition</b> |              |              |
| Not Impaired            | 4,006        | 98.8         |
| Physical Defect         | 11           | 0.3          |
| Ill                     | 6            | 0.1          |
| Fatigued                | 4            | 0.1          |
| Apparently Asleep       | 23           | 0.6          |
| Other                   | 3            | 0.1          |
| <b>Total</b>            | <b>4,053</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>136</b>   |              |
| <b>Grand Total</b>      | <b>4,189</b> |              |

|              | Male         | Female     | Not Stated | Total        | Percent of Males |
|--------------|--------------|------------|------------|--------------|------------------|
| <b>Age</b>   |              |            |            |              |                  |
| Under 15     | 4            | 1          |            | 5            | 80.0             |
| 15           |              |            |            |              |                  |
| 16           | 8            | 5          |            | 13           | 61.5             |
| 17           | 7            | 1          |            | 8            | 87.5             |
| 18           | 15           | 2          |            | 17           | 88.2             |
| 19           | 35           | 1          |            | 36           | 97.2             |
| 20           | 48           | 3          |            | 51           | 94.1             |
| 21-25        | 406          | 21         |            | 427          | 95.1             |
| 26-30        | 512          | 26         |            | 538          | 95.2             |
| 31-35        | 530          | 33         |            | 563          | 94.1             |
| 36-40        | 593          | 40         | 1          | 634          | 93.7             |
| 41-45        | 552          | 37         |            | 589          | 93.7             |
| 46-50        | 423          | 26         |            | 449          | 94.2             |
| 51-55        | 294          | 14         |            | 308          | 95.5             |
| 56-60        | 201          | 10         |            | 211          | 95.3             |
| 61-65        | 133          |            |            | 133          | 100.0            |
| 66-70        | 68           |            |            | 68           | 100.0            |
| Over 70      | 38           | 1          |            | 39           | 97.4             |
| Unknown      | 3            |            | 97         | 100          |                  |
| <b>Total</b> | <b>3,870</b> | <b>221</b> | <b>98</b>  | <b>4,189</b> |                  |

## The Vehicle

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Action</b> |              |              |
| Going Straight        | 1,876        | 45.0         |
| Turning Right         | 239          | 5.7          |
| Turning Left          | 354          | 8.5          |
| Making U-Turn         | 29           | 0.7          |
| Slowing-Stopping      | 318          | 7.6          |
| Ran Off Road          | 290          | 7.0          |
| Stopped in Traffic    | 391          | 9.4          |
| Backing               | 220          | 5.3          |
| Passing               | 29           | 0.7          |
| Changing Lanes        | 249          | 6.0          |
| Other                 | 171          | 4.1          |
| <b>Total</b>          | <b>4,166</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>23</b>    |              |
| <b>Grand Total</b>    | <b>4,189</b> |              |

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Defect</b> |              |              |
| No Defect             | 3,870        | 95.0         |
| Lights                | 11           | 0.3          |
| Brakes                | 94           | 2.3          |
| Steering              | 7            | 0.2          |
| Tires                 | 39           | 1.0          |
| Motor                 | 5            | 0.1          |
| Other                 | 47           | 1.2          |
| <b>Total</b>          | <b>4,073</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>116</b>   |              |
| <b>Grand Total</b>    | <b>4,189</b> |              |

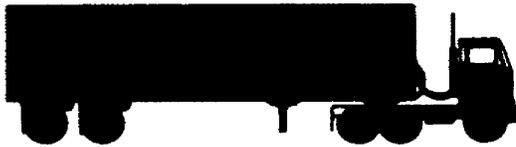
## The Environment

|                    | Crashes      | Percent      |
|--------------------|--------------|--------------|
| <b>Weather</b>     |              |              |
| Clear              | 2,920        | 71.8         |
| Cloudy             | 629          | 15.5         |
| Fog                | 16           | 0.4          |
| Mist               | 59           | 1.5          |
| Rain               | 359          | 8.8          |
| Snow               | 67           | 1.6          |
| Sleet              | 14           | 0.3          |
| Smoke/Dust         | 1            |              |
| Other              | 2            |              |
| <b>Total</b>       | <b>4,067</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>17</b>    |              |
| <b>Grand Total</b> | <b>4,084</b> |              |

|                           | Crashes      | Percent      |
|---------------------------|--------------|--------------|
| <b>Light</b>              |              |              |
| Dawn                      | 101          | 2.5          |
| Daylight                  | 3,415        | 83.8         |
| Dusk                      | 70           | 1.7          |
| Darkness (road lighted)   | 243          | 6.0          |
| Darkness (road unlighted) | 247          | 6.1          |
| <b>Total</b>              | <b>4,076</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>8</b>     |              |
| <b>Grand Total</b>        | <b>4,084</b> |              |

|                         | Crashes      | Percent      |
|-------------------------|--------------|--------------|
| <b>Traffic Controls</b> |              |              |
| No Controls             | 629          | 15.5         |
| Traffic Signals         | 828          | 20.5         |
| Stop Sign               | 288          | 7.1          |
| Slow/Warning Sign       | 32           | 0.8          |
| Yield Sign              | 41           | 1.0          |
| No Passing Zone         | 269          | 6.6          |
| R. R. Warning Sign      |              |              |
| R. R. Signals           | 1            |              |
| R. R. Gate and Signals  | 2            |              |
| Other                   | 1,957        | 48.4         |
| <b>Total</b>            | <b>4,047</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>37</b>    |              |
| <b>Grand Total</b>      | <b>4,084</b> |              |

# Virginia Crashes Involving Tractor-Trailers



## In 2002 there were:

- 14 tractor-trailer occupants killed or 1.5 percent of all traffic fatalities
- 461 tractor-trailer occupants injured or 0.6 percent of all traffic injuries
- 4,599 tractor-trailer crashes or 3.1 percent of all crashes
  - 61 fatal crashes or 7.3 percent of all fatal crashes
  - 1,511 personal injury crashes or 2.8 percent of all personal injury crashes
  - 3,027 property damage crashes or 3.3 percent of all property damage crashes
  - 1,224 covered tractor-trailer crashes or 26.6 percent of all tractor-trailer crashes
  - 40 hazardous material tractor-trailer crashes or 0.9 percent of all tractor-trailer crashes
- 76 persons were killed in tractor-trailer crashes. 62 ( 81.6 percent) were not tractor-trailer occupants
- 216,003 tractor-trailers were registered in Virginia with 2.3 percent involved in crashes

## The Driver

|                              | Drivers      | Percent      |
|------------------------------|--------------|--------------|
| <b>Driver Action</b>         |              |              |
| Ran Traffic Control          | 58           | 1.2          |
| Improper Passing             | 43           | 0.9          |
| Left of Center - Not Passing | 41           | 0.9          |
| Failure to Yield             | 185          | 3.9          |
| Inattention                  | 586          | 12.3         |
| Speed too Fast               | 343          | 7.2          |
| Improper Turn                | 241          | 5.1          |
| Improper Lane Change         | 234          | 4.9          |
| Following too Close          | 378          | 7.9          |
| Improper Backing             | 102          | 2.1          |
| Illegal or Improper Parking  | 12           | 0.3          |
| Lights Not On                | 1            |              |
| Hit and Run                  | 77           | 1.6          |
| Avoiding Pedestrian          | 2            |              |
| Avoiding Other Vehicle       | 132          | 2.8          |
| No Violation                 | 1,995        | 42.0         |
| Other                        | 325          | 6.8          |
| <b>Total</b>                 | <b>4,755</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>115</b>   |              |
| <b>Grand Total</b>           | <b>4,870</b> |              |

| <b>Drinking</b>               | Drivers      | Percent      |
|-------------------------------|--------------|--------------|
| <b>Driver Condition</b>       |              |              |
| Not Impaired                  | 4,664        | 99.4         |
| Drinking - Impaired           | 15           | 0.3          |
| Drinking - Not Impaired       | 6            | 0.1          |
| Drinking - Impairment Unknown | 5            | 0.1          |
| <b>Total</b>                  | <b>4,690</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>180</b>   |              |
| <b>Grand Total</b>            | <b>4,870</b> |              |

| <b>Physical</b>         | Drivers      | Percent      |
|-------------------------|--------------|--------------|
| <b>Driver Condition</b> |              |              |
| Not Impaired            | 4,585        | 97.9         |
| Physical Defect         | 9            | 0.2          |
| Ill                     | 11           | 0.2          |
| Fatigued                | 13           | 0.3          |
| Apparently Asleep       | 63           | 1.3          |
| Other                   | 2            |              |
| <b>Total</b>            | <b>4,683</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>187</b>   |              |
| <b>Grand Total</b>      | <b>4,870</b> |              |

|              | Male         | Female     | Not Stated | Total        | Percent of Males |
|--------------|--------------|------------|------------|--------------|------------------|
| <b>Age</b>   |              |            |            |              |                  |
| Under 15     | 5            |            | 1          | 6            | 100.0            |
| 15           |              |            |            |              |                  |
| 16           | 2            |            |            | 2            | 100.0            |
| 17           | 1            |            |            | 1            | 100.0            |
| 18           | 1            | 1          |            | 2            | 50.0             |
| 19           | 3            |            |            | 3            | 100.0            |
| 20           | 14           |            |            | 14           | 100.0            |
| 21-25        | 280          | 8          |            | 288          | 97.2             |
| 26-30        | 488          | 16         |            | 504          | 96.8             |
| 31-35        | 621          | 25         |            | 646          | 96.1             |
| 36-40        | 702          | 18         |            | 720          | 97.5             |
| 41-45        | 654          | 24         |            | 678          | 96.5             |
| 46-50        | 609          | 13         |            | 622          | 97.9             |
| 51-55        | 538          | 14         |            | 552          | 97.5             |
| 56-60        | 365          | 9          |            | 374          | 97.6             |
| 61-65        | 190          | 2          |            | 192          | 99.0             |
| 66-70        | 72           | 2          |            | 74           | 97.3             |
| Over 70      | 30           |            |            | 30           | 100.0            |
| Unknown      | 2            |            | 160        | 162          |                  |
| <b>Total</b> | <b>4,577</b> | <b>132</b> | <b>161</b> | <b>4,870</b> |                  |

## The Vehicle

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Action</b> |              |              |
| Going Straight        | 2,168        | 44.8         |
| Turning Right         | 330          | 6.8          |
| Turning Left          | 308          | 6.4          |
| Making U-Turn         | 34           | 0.7          |
| Slowing-Stopping      | 331          | 6.8          |
| Ran Off Road          | 467          | 9.7          |
| Stopped in Traffic    | 277          | 5.7          |
| Backing               | 143          | 3.0          |
| Passing               | 43           | 0.9          |
| Changing Lanes        | 585          | 12.1         |
| Other                 | 148          | 3.1          |
| <b>Total</b>          | <b>4,834</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>36</b>    |              |
| <b>Grand Total</b>    | <b>4,870</b> |              |

|                       | Vehicles     | Percent      |
|-----------------------|--------------|--------------|
| <b>Vehicle Defect</b> |              |              |
| No Defect             | 4,547        | 97.0         |
| Lights                | 7            | 0.1          |
| Brakes                | 50           | 1.1          |
| Steering              | 7            | 0.1          |
| Tires                 | 30           | 0.6          |
| Motor                 | 4            | 0.1          |
| Other                 | 44           | 0.9          |
| <b>Total</b>          | <b>4,689</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>181</b>   |              |
| <b>Grand Total</b>    | <b>4,870</b> |              |

## The Environment

|                    | Crashes      | Percent      |
|--------------------|--------------|--------------|
| <b>Weather</b>     |              |              |
| Clear              | 3,021        | 65.9         |
| Cloudy             | 858          | 18.7         |
| Fog                | 33           | 0.7          |
| Mist               | 60           | 1.3          |
| Rain               | 461          | 10.1         |
| Snow               | 113          | 2.5          |
| Sleet              | 25           | 0.5          |
| Smoke/Dust         | 1            |              |
| Other              | 11           | 0.2          |
| <b>Total</b>       | <b>4,583</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>16</b>    |              |
| <b>Grand Total</b> | <b>4,599</b> |              |

|                           | Crashes      | Percent      |
|---------------------------|--------------|--------------|
| <b>Light</b>              |              |              |
| Dawn                      | 130          | 2.8          |
| Daylight                  | 3,292        | 71.7         |
| Dusk                      | 70           | 1.5          |
| Darkness (road lighted)   | 316          | 6.9          |
| Darkness (road unlighted) | 781          | 17.0         |
| <b>Total</b>              | <b>4,589</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>10</b>    |              |
| <b>Grand Total</b>        | <b>4,599</b> |              |

|                         | Crashes      | Percent      |
|-------------------------|--------------|--------------|
| <b>Traffic Controls</b> |              |              |
| No Controls             | 382          | 8.3          |
| Traffic Signals         | 620          | 13.5         |
| Stop Sign               | 241          | 5.3          |
| Slow/Warning Sign       | 52           | 1.1          |
| Yield Sign              | 43           | 0.9          |
| No Passing Zone         | 286          | 6.2          |
| R. R. Warning Sign      | 2            |              |
| R. R. Signals           |              |              |
| R. R. Gate and Signals  | 2            |              |
| Other                   | 2,951        | 64.4         |
| <b>Total</b>            | <b>4,579</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>20</b>    |              |
| <b>Grand Total</b>      | <b>4,599</b> |              |

# Virginia Crashes Involving Tractor Twin-Trailers



## In 2002 there were:

- 0 tractor twin-trailer occupants killed or 0.0 percent of all traffic fatalities
- 3 tractor twin-trailer occupants injured or 0.0 percent of all traffic injuries
- 14 tractor twin-trailer crashes or 0.0 percent of all crashes
  - 0 fatal crashes or 0.0 percent of all fatal crashes
  - 5 personal injury crashes or 0.0 percent of all personal injury crashes
  - 9 property damage crashes or 0.0 percent of all property damage crashes
  - 7 covered tractor twin-trailer crashes or 50.0 percent of all tractor twin-trailer crashes
  - 0 hazardous material tractor twin-trailer crashes or 0.0 percent of all tractor twin-trailer crashes
- 0 persons were killed in tractor twin-trailer crashes. 0 (0.0 percent) were not tractor twin-trailer occupants

## The Driver

|                              | Drivers   | Percent      |
|------------------------------|-----------|--------------|
| <b>Driver Action</b>         |           |              |
| Ran Traffic Control          |           |              |
| Improper Passing             |           |              |
| Left of Center - Not Passing |           |              |
| Failure to Yield             |           |              |
| Inattention                  | 1         | 7.1          |
| Speed too Fast               | 2         | 14.3         |
| Improper Turn                | 1         | 7.1          |
| Improper Lane Change         |           |              |
| Following too Close          |           |              |
| Improper Backing             |           |              |
| Illegal or Improper Parking  |           |              |
| Lights Not On                |           |              |
| Hit and Run                  |           |              |
| Avoiding Pedestrian          |           |              |
| Avoiding Other Vehicle       | 1         | 7.1          |
| No Violation                 | 6         | 42.9         |
| Other                        | 3         | 21.4         |
| <b>Total</b>                 | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>            |           |              |
| <b>Grand Total</b>           | <b>14</b> |              |

| <b>Drinking</b>               | Drivers   | Percent      |
|-------------------------------|-----------|--------------|
| <b>Driver Condition</b>       |           |              |
| Not Impaired                  | 14        | 100.0        |
| Drinking - Impaired           |           |              |
| Drinking - Not Impaired       |           |              |
| Drinking - Impairment Unknown |           |              |
| <b>Total</b>                  | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>             |           |              |
| <b>Grand Total</b>            | <b>14</b> |              |

| <b>Physical</b>         | Drivers   | Percent      |
|-------------------------|-----------|--------------|
| <b>Driver Condition</b> |           |              |
| Not Impaired            | 13        | 92.9         |
| Physical Defect         |           |              |
| Ill                     | 1         | 7.1          |
| Fatigued                |           |              |
| Apparently Asleep       |           |              |
| Other                   |           |              |
| <b>Total</b>            | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>       |           |              |
| <b>Grand Total</b>      | <b>14</b> |              |

|              | Male      | Female | Not Stated | Total     | Percent of Males |
|--------------|-----------|--------|------------|-----------|------------------|
| <b>Age</b>   |           |        |            |           |                  |
| Under 15     |           |        |            |           |                  |
| 15           |           |        |            |           |                  |
| 16           |           |        |            |           |                  |
| 17           |           |        |            |           |                  |
| 18           |           |        |            |           |                  |
| 19           |           |        |            |           |                  |
| 20           |           |        |            |           |                  |
| 21-25        |           |        |            |           |                  |
| 26-30        | 2         |        |            | 2         | 100.0            |
| 31-35        | 1         |        |            | 1         | 100.0            |
| 36-40        |           |        |            |           |                  |
| 41-45        | 1         |        |            | 1         | 100.0            |
| 46-50        | 2         |        |            | 2         | 100.0            |
| 51-55        | 2         |        |            | 2         | 100.0            |
| 56-60        | 2         |        |            | 2         | 100.0            |
| 61-65        | 3         |        |            | 3         | 100.0            |
| 66-70        | 1         |        |            | 1         | 100.0            |
| Over 70      |           |        |            |           |                  |
| Unknown      |           |        |            |           |                  |
| <b>Total</b> | <b>14</b> |        |            | <b>14</b> |                  |

## The Vehicle

|                       | Vehicles  | Percent      |
|-----------------------|-----------|--------------|
| <b>Vehicle Action</b> |           |              |
| Going Straight        | 9         | 64.3         |
| Turning Right         | 1         | 7.1          |
| Turning Left          |           |              |
| Making U-Turn         |           |              |
| Slowing-Stopping      |           |              |
| Ran Off Road          | 3         | 21.4         |
| Stopped in Traffic    | 1         | 7.1          |
| Backing               |           |              |
| Passing               |           |              |
| Changing Lanes        |           |              |
| Other                 |           |              |
| <b>Total</b>          | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>     |           |              |
| <b>Grand Total</b>    | <b>14</b> |              |

|                       | Vehicles  | Percent      |
|-----------------------|-----------|--------------|
| <b>Vehicle Defect</b> |           |              |
| No Defect             | 10        | 71.4         |
| Lights                | 1         | 7.1          |
| Brakes                |           |              |
| Steering              |           |              |
| Tires                 | 1         | 7.1          |
| Motor                 |           |              |
| Other                 | 2         | 14.3         |
| <b>Total</b>          | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>     |           |              |
| <b>Grand Total</b>    | <b>14</b> |              |

## The Environment

|                    | Crashes   | Percent      |
|--------------------|-----------|--------------|
| <b>Weather</b>     |           |              |
| Clear              | 10        | 71.4         |
| Cloudy             |           |              |
| Fog                | 1         | 7.1          |
| Mist               |           |              |
| Rain               | 2         | 14.3         |
| Snow               | 1         | 7.1          |
| Sleet              |           |              |
| Smoke/Dust         |           |              |
| Other              |           |              |
| <b>Total</b>       | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>  |           |              |
| <b>Grand Total</b> | <b>14</b> |              |

|                           | Crashes   | Percent      |
|---------------------------|-----------|--------------|
| <b>Light</b>              |           |              |
| Dawn                      |           |              |
| Daylight                  | 9         | 64.3         |
| Dusk                      |           |              |
| Darkness (road lighted)   | 1         | 7.1          |
| Darkness (road unlighted) | 4         | 28.6         |
| <b>Total</b>              | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>         |           |              |
| <b>Grand Total</b>        | <b>14</b> |              |

|                         | Crashes   | Percent      |
|-------------------------|-----------|--------------|
| <b>Traffic Controls</b> |           |              |
| No Controls             |           |              |
| Traffic Signals         | 2         | 14.3         |
| Stop Sign               |           |              |
| Slow/Warning Sign       |           |              |
| Yield Sign              |           |              |
| No Passing Zone         | 1         | 7.1          |
| R. R. Warning Sign      |           |              |
| R. R. Signals           |           |              |
| R. R. Gate and Signals  |           |              |
| Other                   | 11        | 78.6         |
| <b>Total</b>            | <b>14</b> | <b>100.0</b> |
| <b>Not Stated</b>       |           |              |
| <b>Grand Total</b>      | <b>14</b> |              |

# Virginia Crashes Involving Vans



## In 2002 there were:

- 51 van occupants killed or 5.6 percent of all traffic fatalities
- 5,677 van occupants injured or 7.2 percent of all traffic injuries
- 18,132 van crashes or 12.3 percent of all crashes
  - 79 fatal crashes or 9.5 percent of all fatal crashes
  - 6,924 personal injury crashes or 12.7 percent of all personal injury crashes
  - 11,129 property damage crashes or 12.1 percent of all property damage crashes
- 383,885 vans registered in Virginia with 5.0 percent involved in crashes

## The Driver

|                              | Drivers       | Percent      |
|------------------------------|---------------|--------------|
| <b>Driver Action</b>         |               |              |
| Ran Traffic Control          | 598           | 3.2          |
| Improper Passing             | 104           | 0.6          |
| Left of Center - Not Passing | 85            | 0.5          |
| Failure to Yield             | 1,665         | 9.0          |
| Inattention                  | 1,865         | 10.1         |
| Speed too Fast               | 620           | 3.4          |
| Improper Turn                | 318           | 1.7          |
| Improper Lane Change         | 185           | 1.0          |
| Following too Close          | 1,889         | 10.2         |
| Improper Backing             | 135           | 0.7          |
| Illegal or Improper Parking  | 30            | 0.2          |
| Lights Not On                | 8             |              |
| Hit and Run                  | 288           | 1.6          |
| Avoiding Pedestrian          | 8             |              |
| Avoiding Other Vehicle       | 227           | 1.2          |
| No Violation                 | 9,390         | 50.8         |
| Other                        | 1,060         | 5.7          |
| <b>Total</b>                 | <b>18,475</b> | <b>100.0</b> |
| <b>Not Stated</b>            | <b>608</b>    |              |
| <b>Grand Total</b>           | <b>19,083</b> |              |

| <b>Drinking</b>               | Drivers       | Percent      |
|-------------------------------|---------------|--------------|
| <b>Driver Condition</b>       |               |              |
| Not Impaired                  | 18,158        | 97.2         |
| Drinking - Impaired           | 364           | 1.9          |
| Drinking - Not Impaired       | 70            | 0.4          |
| Drinking - Impairment Unknown | 94            | 0.5          |
| <b>Total</b>                  | <b>18,686</b> | <b>100.0</b> |
| <b>Not Stated</b>             | <b>397</b>    |              |
| <b>Grand Total</b>            | <b>19,083</b> |              |

| <b>Physical</b>         | Drivers       | Percent      |
|-------------------------|---------------|--------------|
| <b>Driver Condition</b> |               |              |
| Not Impaired            | 18,266        | 97.9         |
| Physical Defect         | 90            | 0.5          |
| Ill                     | 42            | 0.2          |
| Fatigued                | 66            | 0.4          |
| Apparently Asleep       | 120           | 0.6          |
| Other                   | 78            | 0.4          |
| <b>Total</b>            | <b>18,662</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>421</b>    |              |
| <b>Grand Total</b>      | <b>19,083</b> |              |

|              | Male          | Female       | Not Stated | Total         | Percent of Males |
|--------------|---------------|--------------|------------|---------------|------------------|
| <b>Age</b>   |               |              |            |               |                  |
| Under 15     | 11            | 3            | 9          | 23            | 78.6             |
| 15           | 22            | 18           |            | 40            | 55.0             |
| 16           | 117           | 98           |            | 215           | 54.4             |
| 17           | 163           | 102          |            | 265           | 61.5             |
| 18           | 143           | 78           | 1          | 222           | 64.7             |
| 19           | 184           | 80           |            | 264           | 69.7             |
| 20           | 154           | 79           |            | 233           | 66.1             |
| 21-25        | 877           | 434          | 1          | 1,312         | 66.9             |
| 26-30        | 969           | 680          |            | 1,649         | 58.8             |
| 31-35        | 1,240         | 1,278        | 3          | 2,521         | 49.2             |
| 36-40        | 1,496         | 1,562        | 4          | 3,062         | 48.9             |
| 41-45        | 1,402         | 1,358        | 2          | 2,762         | 50.8             |
| 46-50        | 1,181         | 902          |            | 2,083         | 56.7             |
| 51-55        | 846           | 568          | 3          | 1,417         | 59.8             |
| 56-60        | 624           | 335          |            | 959           | 65.1             |
| 61-65        | 469           | 229          |            | 698           | 67.2             |
| 66-70        | 354           | 139          | 1          | 494           | 71.8             |
| Over 70      | 432           | 156          |            | 588           | 73.5             |
| Unknown      | 4             | 1            | 271        | 276           |                  |
| <b>Total</b> | <b>10,688</b> | <b>8,100</b> | <b>295</b> | <b>19,083</b> |                  |

## The Vehicle

|                       | Vehicles      | Percent      |
|-----------------------|---------------|--------------|
| <b>Vehicle Action</b> |               |              |
| Going Straight        | 9,163         | 48.2         |
| Turning Right         | 686           | 3.6          |
| Turning Left          | 2,085         | 11.0         |
| Making U-Turn         | 89            | 0.5          |
| Slowing-Stopping      | 1,690         | 8.9          |
| Ran Off Road          | 968           | 5.1          |
| Stopped in Traffic    | 2,872         | 15.1         |
| Backing               | 244           | 1.3          |
| Passing               | 85            | 0.4          |
| Changing Lanes        | 630           | 3.3          |
| Other                 | 488           | 2.6          |
| <b>Total</b>          | <b>19,000</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>83</b>     |              |
| <b>Grand Total</b>    | <b>19,083</b> |              |

|                       | Vehicles      | Percent      |
|-----------------------|---------------|--------------|
| <b>Vehicle Defect</b> |               |              |
| No Defect             | 18,403        | 98.6         |
| Lights                | 21            | 0.1          |
| Brakes                | 70            | 0.4          |
| Steering              | 20            | 0.1          |
| Tires                 | 90            | 0.5          |
| Motor                 | 17            | 0.1          |
| Other                 | 52            | 0.3          |
| <b>Total</b>          | <b>18,673</b> | <b>100.0</b> |
| <b>Not Stated</b>     | <b>410</b>    |              |
| <b>Grand Total</b>    | <b>19,083</b> |              |

## The Environment

|                    | Crashes       | Percent      |
|--------------------|---------------|--------------|
| <b>Weather</b>     |               |              |
| Clear              | 12,289        | 67.9         |
| Cloudy             | 2,816         | 15.6         |
| Fog                | 63            | 0.3          |
| Mist               | 412           | 2.3          |
| Rain               | 2,251         | 12.4         |
| Snow               | 210           | 1.2          |
| Sleet              | 39            | 0.2          |
| Smoke/Dust         | 4             |              |
| Other              | 12            | 0.1          |
| <b>Total</b>       | <b>18,096</b> | <b>100.0</b> |
| <b>Not Stated</b>  | <b>36</b>     |              |
| <b>Grand Total</b> | <b>18,132</b> |              |

|                           | Crashes       | Percent      |
|---------------------------|---------------|--------------|
| <b>Light</b>              |               |              |
| Dawn                      | 421           | 2.3          |
| Daylight                  | 13,650        | 75.4         |
| Dusk                      | 509           | 2.8          |
| Darkness (road lighted)   | 1,931         | 10.7         |
| Darkness (road unlighted) | 1,581         | 8.7          |
| <b>Total</b>              | <b>18,092</b> | <b>100.0</b> |
| <b>Not Stated</b>         | <b>40</b>     |              |
| <b>Grand Total</b>        | <b>18,132</b> |              |

|                         | Crashes       | Percent      |
|-------------------------|---------------|--------------|
| <b>Traffic Controls</b> |               |              |
| No Controls             | 2,141         | 11.9         |
| Traffic Signals         | 4,546         | 25.2         |
| Stop Sign               | 1,742         | 9.7          |
| Slow/Warning Sign       | 75            | 0.4          |
| Yield Sign              | 253           | 1.4          |
| No Passing Zone         | 971           | 5.4          |
| R. R. Warning Sign      | 9             |              |
| R. R. Signals           | 2             |              |
| R. R. Gate and Signals  | 8             |              |
| Other                   | 8,296         | 46.0         |
| <b>Total</b>            | <b>18,043</b> | <b>100.0</b> |
| <b>Not Stated</b>       | <b>89</b>     |              |
| <b>Grand Total</b>      | <b>18,132</b> |              |



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