

Virginia CODES Crash Outcome Data Evaluation System



Motor Vehicle Crash Outcomes in 2003 by Age Group

Age Group	Persons Involved	# Injured	Injury Rate	% of All Injuries	Fatal	Fatality Rate per 100,000	Inpatient Hospitalizations	Inpatient Hospitalizations per 100,000	Average Hospital Charge	Median Hospital Charges	Average Length of Stay
00 - 17	18,094	10,026	55.4%	12.7%	80	442.1	391	2,160.9	\$ 24,881	\$ 11,003	4.82
18 - 34	126,319	32,497	25.7%	41.2%	317	251.0	2,972	2,352.8	\$ 20,150	\$ 9,170	4.33
35 - 64	125,127	30,079	24.0%	38.2%	373	298.1	2,839	2,268.9	\$ 26,204	\$ 12,809	5.50
65+	20,862	5,380	25.8%	6.8%	171	819.7	986	4,726.3	\$ 26,606	\$ 14,196	6.33
Not Stated	11,531	860	7.5%	1.1%	1	8.7	25	216.8	\$ 26,731	\$ 13,611	4.92
State Total	301,933	78,842	26.1%	100.0%	942	312.0	7,213	2,388.9	\$ 23,694	\$ 11,318	5.09

Age Group - According to police crash reports the age of occupant grouped into the following categories 0-17, 18-34, 35-64 and 65+

Persons Involved - Number of persons involved in crashes, according to police crash reports, and includes all drivers as well as those passengers and pedestrians who were killed or injured

Injured - Number of persons who were injured according to police crash reports (FR-300); includes 2 -Visible sign of injury - had to be transported, 3 - Other visible injury and 4 - no visible injury but complaint of pain or momentary unconsciousness; # Injured does not include 1 - Dead on Arrival, 5 - Died Later (within 30 days), 6 - Not Stated or blank values

Injury Rate - Of all persons involved in a crash categorized into an **Age Group or State Total**, the percentage for the Age Group or State Total that were injured

% of All Injuries - Of all persons involved in a crash and categorized in an **Age Group or State Total**, the percentage of **all** injuries that category represents

Fatal - Number of persons killed, according to police crash reports, and includes those who died at the crash scene or up to 30 days later

Fatality Rate per 100,000 - The fatality rate per 100,000 persons involved in crashes: (Persons Killed / Persons Involved) * 100,000

Inpatient Hospitalizations - # of persons involved in crashes who were identified by data imputation as having been hospitalized in Virginia

Inpatient Hospitalizations per 100,000 - The hospitalization rate per 100,000 persons involved in crashes: (Inpatient Hospitalizations)/(Persons Involved) * 100,000

Average Hospital Charge - The total inpatient hospital charges divided by the number of persons hospitalized: Total Hospital Charges / Linked to Hospital

Median Hospital Charges - The midpoint of all of the hospital charges where half of the values are above the median charge and half are below; the halfway point of a set of numbers is less affected by low or high numbers that might otherwise skew a mean or average

Average Length of Stay - The total inpatient hospital days divided by the number of persons hospitalized: Total Hospital Days / Linked to Inpatient Hospitalizations

This report is based on Virginia Department of Motor Vehicles crash data combined with Virginia hospital discharge data. Reports produced with small numbers in a grouping may distort rates and averages. Use caution when interpreting these results. Virginia CODES is a cooperative program of the Department of Motor Vehicles, Virginia Department of Health, Virginia Health Information and Inova Regional Trauma Center. For more information please contact info@vacodes.org or 804-643-5573.

102 N 5th Street • Richmond, VA 23219

804-643-5573 • Fax to 804-643-5375