

Virginia CODES Crash Outcome Data Evaluation System



Motor Vehicle Crash Outcomes in 2002 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	24,353	11,893	48.8%	15.1%	88	361.4	541	2,221.5	\$ 20,967	\$ 10,839	4.93
18 - 34	121,092	32,007	26.4%	40.6%	352	290.7	2,397	1,979.5	\$ 21,654	\$ 10,683	4.79
35 - 64	116,812	29,008	24.8%	36.8%	338	289.4	2,399	2,053.7	\$ 25,909	\$ 12,077	5.80
65+	19,539	5,143	26.3%	6.5%	128	655.1	782	4,002.3	\$ 26,737	\$ 12,702	6.70
Not Stated	11,007	846	7.7%	1.1%	7	63.6	54	490.6	\$ 11,660	\$ 1,776	5.41
State Total	292,803	78,897	26.9%	100.0%	913	311.8	6,173	2,108.2	\$ 23,804	\$ 11,534	5.44

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