

Virginia CODES Crash Outcome Data Evaluation System



Motor Vehicle Crash Outcomes in 2006 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	21,055	10,152	48.2%	13.8%	87	413.2	649	3,082.4	\$ 29,051	\$ 14,533	5.46
18 - 34	119,282	29,202	24.5%	39.8%	363	304.3	4,667	3,912.6	\$ 22,311	\$ 10,584	4.05
35 - 64	120,733	28,228	23.4%	38.5%	363	300.7	5,568	4,611.8	\$ 30,256	\$ 16,270	5.21
65+	20,061	5,053	25.2%	6.9%	144	717.8	1,424	7,098.4	\$ 38,944	\$ 19,881	6.94
Not Stated	20,726	713	3.4%	1.0%	4	19.3	-	-	*	*	*
State Total	301,857	73,348	24.3%	100.0%	961	1,310.2	12,308	4,077.4	\$ 28,185	\$ 14,075	4.98

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.

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