

Virginia CODES Crash Outcome Data Evaluation System



Motor Vehicle Crash Outcomes in 2004 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	22,158	10,819	48.8%	13.8%	86	388.1	768	3,466.0	\$ 22,314	\$ 11,000	4.79
18 - 34	123,806	31,594	25.5%	40.3%	362	292.4	3,415	2,758.3	\$ 23,212	\$ 10,234	4.62
35 - 64	124,667	30,086	24.1%	38.3%	318	255.1	4,633	3,716.3	\$ 24,834	\$ 13,494	5.30
65+	20,126	5,197	25.8%	6.6%	151	750.3	1,442	7,164.9	\$ 29,258	\$ 14,826	6.44
Not Stated	11,154	790	7.1%	1.0%	5	44.8	8	71.7	\$ 6,730	\$ 5,401	3.13
State Total	301,911	78,486	26.0%	100.0%	922	305.4	10,266	3,400.3	\$ 24,713	\$ 12,454	5.20

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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