

# Virginia CODES Crash Outcome Data Evaluation System



Motor Vehicle Crash Outcomes in 2001 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	25,899	12,883	49.7%	16.1%	91	351.4	647	2498.2	\$ 18,857	\$ 9,628	4.65
18 - 34	118,383	32,223	27.2%	40.2%	317	267.8	2,434	2056.0	\$ 19,825	\$ 9,959	4.99
35 - 64	113,356	28,804	25.4%	35.9%	349	307.9	2,388	2106.6	\$ 23,232	\$ 10,887	5.90
65+	19,539	5,270	27.0%	6.6%	174	890.5	828	4237.7	\$ 24,235	\$ 11,013	6.44
Not Stated	11,283	1,008	8.9%	1.3%	4	35.5	113	1001.5	\$ 9,202	\$ 1,575	3.96
<b>State Total</b>	<b>288,460</b>	<b>80,188</b>	<b>27.8%</b>	<b>100.0%</b>	<b>935</b>	<b>324.1</b>	<b>6,410</b>	<b>2222.1</b>	<b>\$ 21,379</b>	<b>\$ 10,336</b>	<b>5.46</b>

**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](mailto:info@vacodes.org) or 804-643-5573.*

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