

# 1999 Virginia Traffic Crash Facts

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# **1999 Virginia Traffic Crash Facts**

Virginia Department of Motor Vehicles  
Richmond, Virginia  
August 2000

# Commissioner's Message

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Dear Reader,

The Virginia Department of Motor Vehicles is pleased to present the 1999 edition of **Virginia Traffic Crash Facts**. This document is the result of the cooperative efforts of the Virginia Department of Motor Vehicles, the Virginia Department of State Police and the Virginia Department of Transportation. It provides a comprehensive view of traffic crashes occurring in Virginia.

I would like to take this opportunity to thank our fellow highway safety advocates for their endeavors. We at DMV pledge our continued commitment to safe highways for all citizens through innovative, effective and efficient public service.

I hope you will find this publication to be a comprehensive and useful tool in problem identification, education and community activities. Any comments you may have about the information or format are welcome.

Sincerely,



Richard D. Holcomb  
Commissioner

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# Glossary

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**Alcohol-related crash:** Crash where either a driver, bicyclist or pedestrian is listed on the police report as drinking before the crash.

**Alcohol-related fatality:** Person who dies within 30 days as a result of a traffic crash involving alcohol.

**Crash rate:** Number of crashes per 100 million vehicle miles, unless otherwise stated.

**Death rate per vehicle miles traveled:** Number of fatalities per 100 million vehicle miles.

**Death rate per drivers:** Number of fatalities per 1,000 Virginia licensed drivers.

**Fatal crash:** Crash which results in one or more fatalities.

**Fatality:** Person who dies within 30 days as a result of a traffic crash.

**Percentage:** Based on “known” totals within categories or actions. Does not include “unknown” or “not stated” data.

**Personal injury crash:** Crash which results in no fatalities but one or more persons are injured.

**Property damage crash:** Crash which results in no fatalities or injuries, but there is property damage of at least \$1,000.

**Reportable traffic crash:** Crash on a public highway which involves death, injury or property damage in excess of \$1,000.

**Vehicle miles traveled (VMT):** Total number of miles traveled on Virginia highways.

NOTE: Percentage on tables within documents are rounded and may not equal 100 percent.

# 1999 Quick Facts About Virginia

## General Facts

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- 877 persons were killed, a 6.10 percent decrease from 1998
- 81,204 persons were injured, a 0.02 percent decrease from 1998
- 139,573 traffic crashes were reported, a 2.52 percent increase from 1998
- There were 4,942,186 licensed drivers, a 1.97 percent increase from 1998
- There were 80,197,000,000 estimated vehicle miles traveled, a 5.16 percent increase from 1998
- There were 6,083,902 registered vehicles, a 3.56 percent increase from 1998

## Alcohol-Related Facts

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- 364 persons were killed in alcohol-related crashes, a 8.33 percent increase from 1998\*
- 8,359 persons were injured in alcohol-related crashes, a 2.29 percent decrease from 1998
- 34 teenagers, aged 15-19, were killed in alcohol-related crashes, 3.88 percent of the total (877) traffic fatalities
- 1,057 teenagers, aged 15-19, were injured in alcohol-related crashes, 1.30 percent of the total (81,204) traffic injuries
- 29,358 persons were tested with blood alcohol content (BAC) of .08 percent or greater a 0.40 percent increase from 1998
- The average BAC of tested drinking drivers was .1354 \*\*
- 32,954 persons were arrested for DUI, 9.80 percent increase from 1998
- Of those arrested for DUI, 83.36 percent were male and 16.64 percent were female
- 88.82 percent of those arrested for DUI were convicted in 1998; approximately 86.65 percent of those arrested for DUI were convicted in 1999

NOTE: \* Medical examiner data used in addition to police reports to determine alcohol-related status.

\*\* This includes an average of both breath and blood tests.

# What Happened on Virginia Roads

## In 1999:

Months	Total					Alcohol-Related		
	Crashes	Fatal Crashes	Fatalities	Personal Injury Crashes	Injuries	Crashes	Fatalities	Injuries
January	10,130	55	62	3,802	5,597	846	28	655
February	9,444	49	50	3,665	5,396	789	23	607
March	10,844	62	69	4,187	6,035	800	22	589
April	11,132	45	48	4,547	6,671	915	21	738
May	11,627	67	74	4,850	7,262	946	27	747
June	11,694	66	69	4,809	7,132	824	27	656
July	11,557	59	66	4,802	7,257	951	30	770
August	11,039	82	90	4,503	6,731	939	32	760
September	12,651	72	80	5,121	7,492	903	31	683
October	13,246	79	90	5,038	7,442	1,014	46	745
November	12,901	82	94	4,864	7,036	930	35	662
December	13,308	76	85	4,904	7,153	1,085	42	747
<b>Totals</b>	<b>139,573</b>	<b>794</b>	<b>877</b>	<b>55,092</b>	<b>81,204</b>	<b>10,942</b>	<b>364</b>	<b>8,359</b>

## Looking Back

- Fatalities have decreased 6.10 percent over the past year
- Injuries have decreased 0.02 percent over the past year
- Crashes have increased 2.52 percent over the past year
- Virginia's death rate has decreased 10.66 percent over the past year

## On The Average

- 1 crash every 3.77 minutes
- 1 driver out of every 19.39 licensed drivers was involved in a crash
- 2 lives lost per day because of traffic crashes
- 222 persons injured per day because of traffic crashes

## Speeding

	All Crashes	Alcohol-Related Crashes	Alcohol-Related Crashes Percent
<b>Speed</b>			
Speed Limit Exceeded	14,407	2,750	2.2
Safe Speed Exceeded	17,694	1,309	1.1
No Violation	91,448	5,052	4.1
<b>Total</b>	<b>123,549</b>	<b>9,111</b>	<b>7.4</b>
<b>Not Stated</b>	<b>16,024</b>	<b>1,831</b>	
<b>Grand Total</b>	<b>139,573</b>	<b>10,942</b>	

## Speed of Drivers

- 3,688 drivers speeding 56-60 MPH at time of crash
- 3,962 drivers speeding 61-65 MPH at time of crash
- 1,170 drivers speeding 66-70 MPH at time of crash
- 1,046 drivers speeding over 70 MPH at time of crash

## Cumulative Mileage Death Rates

	1999	1998	Percent Change
Motor Vehicle Traffic Deaths	877	934	-6.10
Motor Vehicle Mileage Traveled (Millions)	80,197.0*	76,262.0	+5.16
Death Rate Per 100,000,000 Vehicle Miles	1.09*	1.22	-10.66
Fatal Crash Rate Per 100,000,000 vehicle miles	0.99	1.09	-9.17

\*Data for 1999 is estimated.

## Crash Vehicles

Type of Crash	Number	Percent
Single Vehicle	40,270	28.9
Two Vehicles	86,272	61.8
Three Vehicles	10,669	7.6
Four Vehicles	1,940	1.4
Five or More	422	0.3
<b>Total Crashes</b>	<b>139,573</b>	<b>100.0</b>

## Important Circumstances of Crashes

## Occupation of Driver

	Percent Total Crashes	Percent Fatal Crashes	All Crashes	Fatal Crashes	Personal Injury Crashes	Property Damage Crashes
<b>Driver Information, All Types of Crashes</b>						
Driver Violated Traffic Law	90.0	60.2				
Driver Violated Speed Law	9.8	20.9				
Driver Drinking	7.6	15.9				
Driver Physical Impairment	4.0	7.4				
<b>Pedestrian Information, Pedestrian Crashes Only</b>						
Pedestrian Violated Law	96.5	93.1				
Pedestrian Drinking	11.8	26.4				
Pedestrian Physical Impairment	6.3	8.0				
<b>All Crashes</b>						
Crashes Involving Defective Vehicles	3.1	5.7				
Students			28,207	80	11,112	17,015
Housewives and Domestic Servants			7,563	16	3,290	4,257
Professional and Business			62,618	162	24,334	38,122
Craftsmen and Foremen			29,386	130	11,794	17,462
Farmers and Farm Laborers			678	13	248	417
Sales and Clerical Salesmen			15,146	54	6,078	9,014
Other Commercial			151		64	87
All Other Workers			15,173	135	5,800	9,238
All Others			38,699	230	16,127	22,342
Air Force			25,904	178	11,435	14,291
Navy			393	1	142	250
Army			4,067	9	1,466	2,592
Marines			735	1	265	469
Not Stated			449	5	154	290
<b>Total Drivers</b>			<b>254,861</b>	<b>1,187</b>	<b>102,407</b>	<b>151,267</b>

## Crashes by Hour and Day

Fatal Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	2	2	6	4	3	9	8	34
1:00 A.M. to 1:59 A.M.	2	2	2	6	9	10	11	42
2:00 A.M. to 2:59 A.M.	2	1	3	6	7	7	5	31
3:00 A.M. to 3:59 A.M.		1	1	1	3	6	5	17
4:00 A.M. to 4:59 A.M.	4	3		1		4	9	21
5:00 A.M. to 5:59 A.M.	1	2	4	2	6	2	3	20
6:00 A.M. to 6:59 A.M.	6	2	8	5	3	5	2	31
7:00 A.M. to 7:59 A.M.	4	4	4	3	3	5	2	25
8:00 A.M. to 8:59 A.M.	5	4	6	2	5	7	4	33
9:00 A.M. to 9:59 A.M.	2	3	2		6	2	1	16
10:00 A.M. to 10:59 A.M.	4	1	5	2	5	1	5	23
11:00 A.M. to 11:59 A.M.	6	5	3	7	5	7	3	36
Noon to 12:59 P.M.	5	3		2	6	3	4	23
1:00 P.M. to 1:59 P.M.	6	6	5	5	3	4	8	37
2:00 P.M. to 2:59 P.M.	6	4	5	4	8	6	5	38
3:00 P.M. to 3:59 P.M.	5	7	5	6	7	9	3	42
4:00 P.M. to 4:59 P.M.	5	7	7	5	6	5	7	42
5:00 P.M. to 5:59 P.M.	5	9	6	3	5	7	9	44
6:00 P.M. to 6:59 P.M.	6	4	4	10	6	10	7	47
7:00 P.M. to 7:59 P.M.	4	9	7	5	2	8	5	40
8:00 P.M. to 8:59 P.M.	5	3	5	1	11	10	5	40
9:00 P.M. to 9:59 P.M.	5	4	10	1	9	9	7	45
10:00 P.M. to 10:59 P.M.	5	3	1	4	4	8	3	28
11:00 P.M. to 11:59 P.M.	4	3	4	2	7	12	4	36
Not Stated		2					1	3
<b>Total Crashes</b>	<b>99</b>	<b>94</b>	<b>103</b>	<b>87</b>	<b>129</b>	<b>156</b>	<b>126</b>	<b>794</b>



## Crashes by Hour and Day

Personal Injury Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	92	64	75	84	122	205	196	838
1:00 A.M. to 1:59 A.M.	78	63	74	104	135	223	222	899
2:00 A.M. to 2:59 A.M.	73	41	60	79	111	200	245	809
3:00 A.M. to 3:59 A.M.	62	38	40	61	63	138	163	565
4:00 A.M. to 4:59 A.M.	50	45	48	56	63	100	102	464
5:00 A.M. to 5:59 A.M.	92	84	88	91	100	80	81	616
6:00 A.M. to 6:59 A.M.	207	234	233	219	229	113	97	1,332
7:00 A.M. to 7:59 A.M.	457	496	484	449	437	118	89	2,530
8:00 A.M. to 8:59 A.M.	463	524	507	453	473	198	133	2,751
9:00 A.M. to 9:59 A.M.	312	381	332	329	357	315	178	2,204
10:00 A.M. to 10:59 A.M.	292	339	332	339	373	357	269	2,301
11:00 A.M. to 11:59 A.M.	388	369	369	359	444	497	305	2,731
Noon to 12:59 P.M.	492	455	505	464	530	529	403	3,378
1:00 P.M. to 1:59 P.M.	470	429	442	441	576	512	423	3,293
2:00 P.M. to 2:59 P.M.	537	511	500	552	649	485	401	3,635
3:00 P.M. to 3:59 P.M.	653	691	651	640	776	535	412	4,358
4:00 P.M. to 4:59 P.M.	666	651	683	752	788	472	413	4,425
5:00 P.M. to 5:59 P.M.	724	766	706	735	904	442	399	4,676
6:00 P.M. to 6:59 P.M.	513	515	549	540	619	434	377	3,547
7:00 P.M. to 7:59 P.M.	330	365	371	344	479	388	311	2,588
8:00 P.M. to 8:59 P.M.	239	264	286	256	366	300	278	1,989
9:00 P.M. to 9:59 P.M.	219	244	259	278	340	336	238	1,914
10:00 P.M. to 10:59 P.M.	182	184	220	247	327	307	204	1,671
11:00 P.M. to 11:59 P.M.	139	142	155	169	319	294	149	1,367
Not Stated	27	24	31	30	40	31	28	211
<b>Total Crashes</b>	<b>7,757</b>	<b>7,919</b>	<b>8,000</b>	<b>8,071</b>	<b>9,620</b>	<b>7,609</b>	<b>6,116</b>	<b>55,092</b>

## Crashes by Hour and Day

Property Damage Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	127	142	123	150	167	302	334	1,345
1:00 A.M. to 1:59 A.M.	144	101	127	144	180	283	312	1,291
2:00 A.M. to 2:59 A.M.	131	84	110	155	190	324	287	1,281
3:00 A.M. to 3:59 A.M.	95	64	77	84	118	219	238	895
4:00 A.M. to 4:59 A.M.	89	84	58	93	107	183	184	798
5:00 A.M. to 5:59 A.M.	180	147	162	146	165	150	159	1,109
6:00 A.M. to 6:59 A.M.	414	411	425	369	367	182	156	2,324
7:00 A.M. to 7:59 A.M.	727	827	734	720	729	230	141	4,108
8:00 A.M. to 8:59 A.M.	736	863	843	767	759	296	185	4,449
9:00 A.M. to 9:59 A.M.	510	610	522	530	581	408	260	3,421
10:00 A.M. to 10:59 A.M.	497	537	460	466	591	570	400	3,521
11:00 A.M. to 11:59 A.M.	579	565	558	555	751	712	390	4,110
Noon to 12:59 P.M.	718	738	699	738	935	813	602	5,243
1:00 P.M. to 1:59 P.M.	730	661	715	716	911	710	604	5,047
2:00 P.M. to 2:59 P.M.	811	752	884	815	1,048	669	603	5,582
3:00 P.M. to 3:59 P.M.	1,008	936	1,020	1,050	1,281	632	569	6,496
4:00 P.M. to 4:59 P.M.	959	975	1,015	1,147	1,319	647	545	6,607
5:00 P.M. to 5:59 P.M.	1,127	1,182	1,186	1,178	1,370	631	519	7,193
6:00 P.M. to 6:59 P.M.	763	731	828	805	1,025	557	491	5,200
7:00 P.M. to 7:59 P.M.	445	444	512	491	638	510	435	3,475
8:00 P.M. to 8:59 P.M.	328	336	349	428	525	499	357	2,822
9:00 P.M. to 9:59 P.M.	322	319	353	356	524	433	316	2,623
10:00 P.M. to 10:59 P.M.	220	266	286	275	465	414	265	2,191
11:00 P.M. to 11:59 P.M.	200	234	245	250	425	390	232	1,976
Not Stated	69	77	68	86	98	100	82	580
<b>Total Crashes</b>	<b>11,929</b>	<b>12,086</b>	<b>12,359</b>	<b>12,514</b>	<b>15,269</b>	<b>10,864</b>	<b>8,666</b>	<b>83,687</b>

## Crashes by Hour and Day

Total Crashes	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Total Crashes
Midnight to 12:59 A.M.	221	208	204	238	292	516	538	2,217
1:00 A.M. to 1:59 A.M.	224	166	203	254	324	516	545	2,232
2:00 A.M. to 2:59 A.M.	206	126	173	240	308	531	537	2,121
3:00 A.M. to 3:59 A.M.	157	103	118	146	184	363	406	1,477
4:00 A.M. to 4:59 A.M.	143	132	106	150	170	287	295	1,283
5:00 A.M. to 5:59 A.M.	273	233	254	239	271	232	243	1,745
6:00 A.M. to 6:59 A.M.	627	647	666	593	599	300	255	3,687
7:00 A.M. to 7:59 A.M.	1,188	1,327	1,222	1,172	1,169	353	232	6,663
8:00 A.M. to 8:59 A.M.	1,204	1,391	1,356	1,222	1,237	501	322	7,233
9:00 A.M. to 9:59 A.M.	824	994	856	859	944	725	439	5,641
10:00 A.M. to 10:59 A.M.	793	877	797	807	969	928	674	5,845
11:00 A.M. to 11:59 A.M.	973	939	930	921	1,200	1,216	698	6,877
Noon to 12:59 P.M.	1,215	1,196	1,204	1,204	1,471	1,345	1,009	8,644
1:00 P.M. to 1:59 P.M.	1,206	1,096	1,162	1,162	1,490	1,226	1,035	8,377
2:00 P.M. to 2:59 P.M.	1,354	1,267	1,389	1,371	1,705	1,160	1,009	9,255
3:00 P.M. to 3:59 P.M.	1,666	1,634	1,676	1,696	2,064	1,176	984	10,896
4:00 P.M. to 4:59 P.M.	1,630	1,633	1,705	1,904	2,113	1,124	965	11,074
5:00 P.M. to 5:59 P.M.	1,856	1,957	1,898	1,916	2,279	1,080	927	11,913
6:00 P.M. to 6:59 P.M.	1,282	1,250	1,381	1,355	1,650	1,001	875	8,794
7:00 P.M. to 7:59 P.M.	779	818	890	840	1,119	906	751	6,103
8:00 P.M. to 8:59 P.M.	572	603	640	685	902	809	640	4,851
9:00 P.M. to 9:59 P.M.	546	567	622	635	873	778	561	4,582
10:00 P.M. to 10:59 P.M.	407	453	507	526	796	729	472	3,890
11:00 P.M. to 11:59 P.M.	343	379	404	421	751	696	385	3,379
Not Stated	96	103	99	116	138	131	111	794
<b>Total Crashes</b>	<b>19,785</b>	<b>20,099</b>	<b>20,462</b>	<b>20,672</b>	<b>25,018</b>	<b>18,629</b>	<b>14,908</b>	<b>139,573</b>

## Age and Sex of Persons Killed

Age	All Persons Killed				Pedestrians Killed				Bicyclists Killed				Motorcyclists Killed			
	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 1	7	5	2		1	1										
1	4	3	1		1	1										
2	2	1	1													
3	2		2													
4	2	1	1													
5-9	6	3	3		1		1									
10-14	16	9	7		1	1			2	2						
15	6	4	2													
16	18	10	8		2		2									
17	32	21	11						1	1						
18	16	13	3										1	1		
19	24	17	7		2	2			1	1						
20	23	21	2										1	1		
21-25	108	92	15	1	5	3	2		1	1			7	7		
26-30	81	68	13		9	8	1						10	9	1	
31-35	60	39	21		7	6	1		1	1			1	1		
36-40	68	46	22		8	7	1		1	1			5	5		
41-45	75	56	19		8	6	2		2	2			5	5		
46-50	63	47	16		9	9							5	3	2	
51-55	49	35	14		8	7	1						2	2		
56-60	48	26	22		5	5			1		1		1	1		
61-65	30	18	12		6	2	4									
66-70	28	20	8		4	4										
Over 70	103	57	46		9	8	1									
Unknown	6	2	2	2	1			1								
<b>Total</b>	<b>877</b>	<b>614</b>	<b>260</b>	<b>3</b>	<b>87</b>	<b>70</b>	<b>16</b>	<b>1</b>	<b>10</b>	<b>9</b>	<b>1</b>		<b>38</b>	<b>35</b>	<b>3</b>	

## Age and Sex of Persons Injured

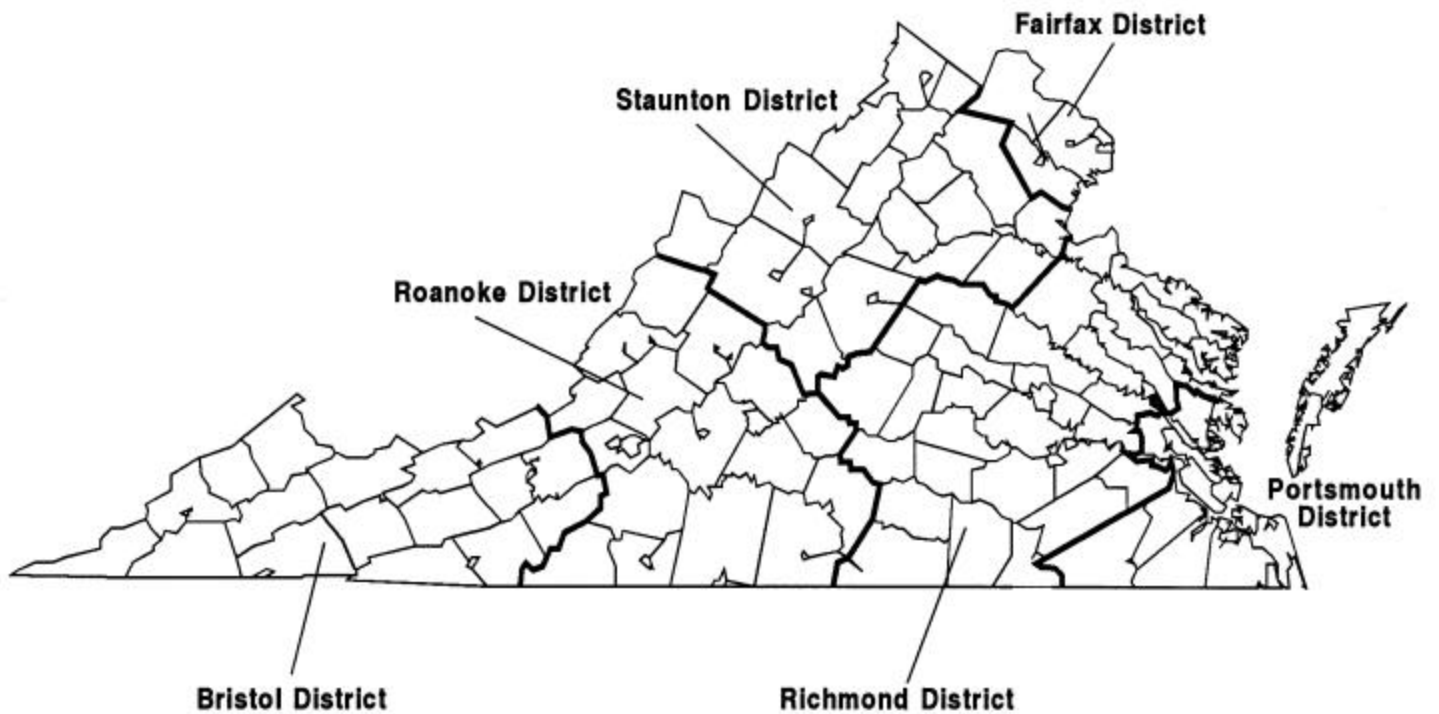
Age	All Persons Injured				Pedestrians Injured				Bicyclists Injured				Motorcyclists Injured			
	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 1	313	159	153	1	4		4		1		1					
1	298	150	147	1	6	5	1									
2	311	165	146		25	15	10		1	1						
3	310	169	141		25	20	5		1	1						
4	416	221	195		27	15	12		4	4						
5-9	2,183	1,078	1,101	4	195	124	71		82	64	17	1	6	2	4	
10-14	2,897	1,368	1,519	10	195	115	80		186	152	28	6	15	9	6	
15	1,073	451	622		37	26	11		40	35	5		1	1		
16	2,792	1,189	1,601	2	50	27	23		17	13	4		15	11	4	
17	3,076	1,429	1,646	1	52	31	21		25	20	4	1	6	4	2	
18	3,158	1,566	1,592		58	26	32		17	13	4		26	22	4	
19	2,984	1,451	1,531	2	40	24	16		18	15	2	1	36	32	3	1
20	2,558	1,353	1,205		50	29	21		13	12	1		41	36	5	
21-25	9,816	4,918	4,893	5	172	102	70		70	53	17		237	219	18	
26-30	8,131	3,906	4,222	3	149	84	65		76	64	11	1	171	163	8	
31-35	7,523	3,538	3,979	6	159	104	55		47	31	15	1	134	116	18	
36-40	7,366	3,499	3,867		165	94	71		67	58	9		140	120	20	
41-45	6,149	2,816	3,331	2	175	102	73		49	40	8	1	130	102	28	
46-50	4,943	2,238	2,704	1	120	70	50		35	29	6		88	73	15	
51-55	3,993	1,807	2,186		90	48	42		19	18	1		59	53	6	
56-60	2,825	1,258	1,567		59	30	29		10	9	1		42	36	6	
61-65	1,986	903	1,081	2	36	23	13		7	4	2	1	16	15	1	
66-70	1,658	735	923		47	28	19		2	2			11	11		
Over 70	3,471	1,430	1,976	65	107	49	58		7	6		1	10	6		4
Unknown	978	349	418	207	25	14	11		125	8	1	116	5		3	2
<b>Total</b>	<b>81,204</b>	<b>38,146</b>	<b>42,746</b>	<b>312</b>	<b>2,068</b>	<b>1,205</b>	<b>863</b>		<b>919</b>	<b>652</b>	<b>137</b>	<b>130</b>	<b>1,189</b>	<b>1,031</b>	<b>151</b>	<b>7</b>

## Age and Sex of Drivers/Passengers Killed and Injured

Age	All Drivers Killed				All Passengers Killed				All Drivers Injured				All Passengers Injured			
	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 1					6	4	2						309	159	149	1
1					3	2	1						292	145	146	1
2					2	1	1		1	1			285	149	136	
3					2		2		2	1	1		283	148	135	
4					2	1	1		4	4			385	202	183	
5-9					5	3	2		84	65	18	1	1,904	889	1,012	3
10-14	2	2			13	6	7		256	202	48	6	2,446	1,051	1,391	4
15	4	3	1		2	1	1		153	90	63		883	335	548	
16	9	8	1		7	2	5		1,696	748	948		1,046	414	630	2
17	26	16	10		6	5	1		1,924	906	1,017	1	1,100	492	608	
18	9	6	3		7	7			2,042	1,056	986		1,058	484	574	
19	17	13	4		5	2	3		2,096	1,031	1,063	2	848	396	452	
20	19	17	2		4	4			1,797	961	836		711	363	348	
21-25	63	59	4		40	30	9	1	7,143	3,611	3,527	5	2,501	1,205	1,296	
26-30	57	51	6		15	9	6		6,314	3,063	3,249	2	1,668	759	908	1
31-35	39	24	15		14	9	5		5,913	2,785	3,125	3	1,451	649	799	3
36-40	53	33	20		7	6	1		5,831	2,823	3,008		1,370	582	788	
41-45	58	47	11		9	3	6		4,811	2,318	2,491	2	1,163	396	767	
46-50	45	35	10		9	3	6		3,893	1,875	2,017	1	930	293	637	
51-55	32	23	9		9	5	4		3,135	1,562	1,573		768	197	571	
56-60	36	20	16		7	1	6		2,181	1,093	1,088		585	135	450	
61-65	20	15	5		4	1	3		1,449	762	685	2	501	118	383	
66-70	20	14	6		4	2	2		1,187	612	575		424	95	329	
Over 70	70	42	28		24	7	17		2,393	1,175	1,153	65	971	206	765	
Unknown	1		1		4	2	1	1	229	21	8	200	720	314	399	7
<b>Total</b>	<b>580</b>	<b>428</b>	<b>152</b>		<b>210</b>	<b>116</b>	<b>92</b>	<b>2</b>	<b>54,534</b>	<b>26,765</b>	<b>27,479</b>	<b>290</b>	<b>24,602</b>	<b>10,176</b>	<b>14,404</b>	<b>22</b>

# What Happened in DMV Districts in 1999

In 1999:



Jurisdiction	Total			Alcohol-Related			Licensed Drivers	Death Rate Per Drivers**
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries		
Bristol District	11,104	116	7,443	1,069	48	908	398,632	0.29
Roanoke District	17,825	157	10,061	1,655	67	1,301	589,299	0.27
Staunton District	17,361	146	9,376	1,395	62	985	622,592	0.23
Fairfax District	33,082	98	17,682	2,174	31	1,538	1,344,981	0.07
Richmond District	29,005	212	17,045	2,157	94	1,688	915,746	0.23
Portsmouth District	31,193	148	19,595	2,492	62	1,939	1,032,539	0.14
Out of State Residents							33,246	
Other*							4,875	
Unknown	3		2				276	
<b>Total</b>	<b>139,573</b>	<b>877</b>	<b>81,204</b>	<b>10,942</b>	<b>364</b>	<b>8,359</b>	<b>4,942,186</b>	<b>0.18</b>

\*Other includes Military and out of U.S.A.

\*\*Death rate per 1,000 Virginia licensed drivers

# What Happened in Virginia Counties

In 1999:

Jurisdiction	Total			Alcohol-Related			Licensed Drivers*	Death Rate Per Drivers**
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries		
<b>Counties</b>								
Accomack Co.	504	14	398	59	4	43	24,134	0.58
Albemarle Co.	2,014	17	971	145	8	94	56,447	0.30
Alleghany Co.	313	3	213	29	1	29	10,069	0.30
Amelia Co.	187	5	150	28	2	21	8,133	0.61
Amherst Co.	587	8	306	57	2	40	21,387	0.37
Appomattox Co.	210	1	110	20		16	10,229	0.10
Arlington Co.	3,378	8	1,946	307	2	160	148,563	0.05
Augusta Co.	1,218	11	814	110	4	94	49,838	0.22
Bath Co.	87	2	53	13	1	12	4,150	0.48
Bedford Co.	936	13	572	103	3	80	45,804	0.28
Bland Co.	183	2	124	19	1	18	4,893	0.41
Botetourt Co.	714	7	421	63	1	57	22,669	0.31
Brunswick Co.	400	10	338	48	3	44	10,603	0.94
Buchanan Co.	484	7	478	48	2	59	20,450	0.34
Buckingham Co.	237	7	183	40	4	35	9,176	0.76
Campbell Co.	938	15	655	104	8	95	36,974	0.41
Caroline Co.	532	10	420	54	3	51	15,518	0.64
Carroll Co.	649	9	444	61	4	49	21,511	0.42
Charles City Co.	81	1	56	17	1	16	5,249	0.19
Charlotte Co.	181	7	151	39	4	34	8,737	0.80
Chesterfield Co.	5,062	34	2,428	323	18	215	186,491	0.18
Clarke Co.	220	2	127	32	1	24	8,954	0.22
Craig Co.	85		45	18		15	3,753	
Culpeper Co.	561	8	456	39	2	38	23,561	0.34
Cumberland Co.	139	6	116	25	2	21	6,265	0.96
Dickenson Co.	297	3	226	51	2	34	12,129	0.25
Dinwiddie Co.	449	8	288	36	1	23	15,706	0.51
Essex Co.	239	6	146	27	2	21	7,308	0.82
Fairfax Co.	17,913	49	9,117	1,073	20	815	719,590	0.07
Fauquier Co.	1,143	19	648	115	9	83	40,945	0.46
Floyd Co.	215	5	157	27	2	21	10,278	0.49
Fluvanna Co.	257	3	176	31	1	25	13,999	0.21
Franklin Co.	898	14	590	134	7	101	35,081	0.40
Frederick Co.	850	6	502	75	4	57	43,793	0.14
Giles Co.	272	4	169	34		35	12,360	0.32
Gloucester Co.	533	2	430	51	1	36	25,756	0.08
Goochland Co.	350	3	228	28	3	21	12,128	0.25
Grayson Co.	301	9	194	41	2	39	12,561	0.72
Greene Co.	200	3	118	19		12	10,487	0.29
Greensville Co.	260	1	222	34		35	6,470	0.15
Halifax Co.	803	12	552	97	3	96	26,595	0.45
Hanover Co.	1,589	14	1,035	116	6	106	63,130	0.22
Henrico Co.	5,693	15	2,968	353	7	265	187,319	0.08
Henry Co.	1,165	18	930	148	8	142	42,773	0.42
Highland Co.	52	1	30	7		4	2,014	0.50
Isle of Wight Co.	488	9	421	73	3	83	21,725	0.41
James City Co.	518	4	313	36	4	25	33,515	0.12
King & Queen Co.	109	2	92	12		8	4,830	0.41
King George Co.	338		200	34		33	11,535	
King William Co.	187	2	129	16	1	13	9,625	0.21
Lancaster Co.	121	6	74	15	2	6	9,145	0.66
Lee Co.	407	4	330	47	1	37	16,324	0.25
Loudoun Co.	2,685	11	1,347	166	1	126	117,932	0.09

Jurisdiction	Total			Alcohol-Related			Licensed Drivers*	Death Rate Per Drivers**
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries		
<b>Counties</b>								
Louisa Co.	502	7	351	49	4	49	18,656	0.38
Lunenburg Co.	161	5	113	22	2	19	8,700	0.57
Madison Co.	232	2	176	26	2	28	9,057	0.22
Mathews Co.	105		91	12		8	7,172	
Mecklenburg Co.	530	10	381	55	4	45	22,479	0.44
Middlesex Co.	108	2	88	17	2	14	7,911	0.25
Montgomery Co.	1,630	16	834	144	7	94	51,101	0.31
Nelson Co.	264	5	186	35	1	31	10,747	0.47
New Kent Co.	347	3	217	34	2	25	10,067	0.30
Northampton Co.	239	5	179	27	5	23	8,572	0.58
Northumberland Co.	156	1	122	31	1	27	9,332	0.11
Nottoway Co.	194	7	135	20	2	11	9,852	0.71
Orange Co.	413	7	266	41	2	39	19,371	0.36
Page Co.	285	4	199	24	2	16	16,814	0.24
Patrick Co.	305	4	200	35	1	25	13,720	0.29
Pittsylvania Co.	1,063	10	758	133	9	113	45,327	0.22
Powhatan Co.	265		174	32		28	14,979	
Prince Edward Co.	318	2	214	38	1	27	11,258	0.18
Prince George Co.	434	5	346	37	3	27	19,110	0.26
Prince William Co.	4,895	24	2,984	380	7	281	187,381	0.13
Pulaski Co.	682	8	484	65	4	59	24,859	0.32
Rappahannock Co.	122	4	72	12	4	10	5,862	0.68
Richmond Co.	102	2	58	9	1	2	6,387	0.31
Roanoke Co.	1,305	9	655	127	4	72	65,795	0.14
Rockbridge Co.	511	10	419	59	6	89	15,738	0.64
Rockingham Co.	1,056	19	611	99	6	66	48,671	0.39
Russell Co.	547	4	426	54	3	47	21,159	0.19
Scott Co.	471	2	340	37	1	38	17,014	0.12
Shenandoah Co.	621	4	373	62	1	48	26,981	0.15
Smyth Co.	601	7	387	73	2	59	23,844	0.29
Southampton Co.	333	8	266	47	4	45	11,969	0.67
Spotsylvania Co.	1,623	16	994	131	9	95	62,121	0.26
Stafford Co.	1,258	8	626	107	3	61	60,773	0.13
Surry Co.	117	1	84	16	1	15	4,807	0.21
Sussex Co.	307	11	222	36	5	22	6,611	1.66
Tazewell Co.	796	2	570	70		56	34,617	0.06
Warren Co.	468	5	297	36	1	26	22,961	0.22
Washington Co.	1,110	17	817	102	10	101	38,821	0.44
Westmoreland Co.	280	4	196	34	2	32	12,284	0.33
Wise Co.	717	9	479	68	4	50	29,488	0.31
Wythe Co.	663	6	426	58	1	57	21,002	0.29
York Co.	894	3	545	72	2	57	37,652	0.08
<b>Total</b>	<b>85,262</b>	<b>718</b>	<b>50,968</b>	<b>7,263</b>	<b>302</b>	<b>5,699</b>	<b>3,389,633</b>	<b>0.21</b>

NOTE: Figures for counties include the counts for incorporated towns within those counties (not independent cities, however).

\* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

\*\* Death rate per 1,000 Virginia licensed drivers in each locality.

# What Happened in Virginia Cities

Jurisdiction	Total			Alcohol-Related			Licensed Drivers*	Death Rate Per Drivers**
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries		
<b>Cities</b>								
Alexandria City	2,319	4	1,407	127	1	93	113,753	0.04
Bedford City	158		56	4		2	3,956	
Bristol City	489		251	34		29	11,308	
Buena Vista City	81		40	8		7	4,153	
Charlottesville City	1,223	1	469	74		46	25,476	0.04
Chesapeake City	3,373	10	2,397	244	3	208	131,765	0.08
Clifton Forge City	35		19	2			2,772	
Colonial Heights City	527		311	26		17	13,409	
Covington City	83	1	63	1			4,562	0.22
Danville City	1,396	6	765	94	2	65	31,082	0.19
Emporia City	183	1	118	13		6	2,873	0.35
Fairfax City	713		332	36		14	12,566	
Falls Church City	309		146	18		10	15,774	
Franklin City	117		74	5		8	5,417	
Fredericksburg City	775	3	307	35	2	15	13,805	0.22
Galax City	272		130	13		6	4,630	
Hampton City	3,059	13	1,926	212	5	163	88,173	0.15
Harrisonburg City	1,026	1	382	67	1	30	19,799	0.05
Hopewell City	461	1	278	25		27	14,961	0.07
Lexington City	96		14	4			3,424	
Lynchburg City	1,880	6	794	111	2	68	39,693	0.15
Manassas City	689	1	323	48		28	23,614	0.04
Manassas Park City	181	1	80	19		11	5,808	0.17
Martinsville City	479	1	282	25		23	9,802	0.10
Newport News City	3,998	11	2,492	266	5	218	110,779	0.10
Norfolk City	5,779	24	3,137	435	9	318	123,806	0.19
Norton City	115		52	6		5	2,352	
Petersburg City	958	7	657	84	1	71	21,296	0.33
Poquoson City	76		41	4		2	8,527	
Portsmouth City	1,778	7	1,338	155	1	140	59,041	0.12
Radford City	203	2	125	17	2	15	7,931	0.25
Richmond City	6,825	10	3,731	342	7	265	118,144	0.08
Roanoke City	2,846	8	1,089	181	4	91	63,162	0.13
Salem City	670	2	309	46	1	29	17,892	0.11
Staunton City	574		252	34		26	15,066	
Suffolk City	1,324	13	995	124	2	111	41,068	0.32
Va. Beach City	7,837	24	4,431	659	14	447	284,184	0.08
Waynesboro City	450		198	29		16	13,187	
Williamsburg City	238	1	121	11		4	9,284	0.11
Winchester City	713		302	41		26	15,862	
<b>TOTAL</b>	<b>54,308</b>	<b>159</b>	<b>30,234</b>	<b>3,679</b>	<b>62</b>	<b>2,660</b>	<b>1,514,156</b>	<b>0.11</b>

\* Total figure for drivers in each locality includes only persons with Virginia licenses (whether revoked or suspended).

\*\* Death rate per 1,000 Virginia licensed drivers in each locality.

# What Happened in Virginia Towns

## In 1999:

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
<b>Towns</b>						
Abingdon	193		127	5		11
Accomac	2		2			
Alberta						
Altavista	46		25	2		
Amherst	21		6			
Appalachia	5		1			
Appomattox	18	1	12			
Ashland	64		37	3		2
Belle Haven	1					
Berryville	9		3	1		1
Big Stone Gap	52		25	1		1
Blacksburg	365		175	31		16
Blackstone	23	2	11	2		
Bloxom						
Bluefield	46		17	2		
Boones Mill	2					
Bowling Green	4		2	1		
Boyce						
Boydton	1		1			
Boykins	1					
Branchville						
Bridgewater	22		12			
Broadway	12		5			
Brodnax						
Brookneal	3		6	1		1
Buchanan	7		6	1		3
Burkeville						
Cape Charles	3					
Capron						
Cedar Bluff	8		12			
Charlotte Ct. House	1					
Chase City	19		9	1		
Chatham						
Cheriton	3		1	2		1
Chilhowie	17		13	2		3
Chincoteague	22		10	5		3
Christiansburg	259	1	105	10	1	3
Claremont						
Clarksville	6					
Cleveland						
Clifton						
Clinchport						
Clintwood	19		9	1		
Clover						
Coeburn	32	1	18	3	1	
Colonial Beach	10		5			
Columbia						
Courtland	4		4			
Craigsville						
Crewe	5		3			
Culpeper	54		55			
Damascus						



Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalitie	Injuries	Crashes	Fatalities	Injuries
<b>Towns</b>						
Dayton	18		13			
Dendron	2					
Dillwyn	3			1		
Drakes Branch	3					
Dublin	16		7			
Duffield						
Dumfries	12		7	1		1
Dungannon						
Eastville	6		3			
Edinburg						
Elkton	18		3			
Exmore	13		23	1		4
Farmville	72		34	4		3
Fincastle	2		1			
Floyd	2		1	1		
Fries	6		6	2		1
Front Royal	151	1	88	9		7
Gate City	64		26	4		9
Glade Spring	2		2			
Glasgow	1		1			
Glen Lyn	3		1	2		1
Gordonsville	9		5			
Goshen						
Gretna	8		6	1		
Grottoes	12	1	7	2		
Grundy	10		13	1		1
Halifax	6		3			
Hallwood						
Hamilton	1					
Haymarket	7		2			
Haysi	3		8			
Herndon	263	1	98	11		7
Hillsboro						
Hillsville	21	1	12	1	1	
Honaker	6		5			
Hurt	3		4			
Independence	17		6			
Iron Gate						
Irvington	2					
Ivor						
Jarratt	2		2			
Jonesville	15		9			
Keller	1					
Kenbridge	4					
Keysville	4		2			
Kilmarnock	25		15	2		
La Crosse	1		1			
Lawrenceville	4		7	1		2
Lebanon	51		30	2		1
Leesburg	189	1	90	10		8
Louisa	8		8	1		1
Lovettsville	1					
Luray	37		16	2		
Madison	1		2			
Marion	93	1	40	5		2
McKenney	1		1	1		1
Melfa	2		2			

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
<b>Towns</b>						
Middleburg	3					
Middletown	2			1		
Mineral	4		4			
Monterey						
Montross						
Mt. Crawford	1					
Mt. Jackson	6		3			
Narrows	10		6			
Nassawadox	4	2	3	2	2	3
New Castle	4			1		
New Market	12	1	1			
Newsoms	1		2			
Nickelsville	1					
Occoquan	3					
Onancock	4		4			
Onley	11	1	8	2	1	
Orange	36		11	3		2
Painter	6		4	2		1
Pamplin City						
Parksley	1		4			
Pearisburg	11		3			
Pembroke	3		4	1		1
Pennington Gap	27		31	1		
Phenix	6		7	3		3
Pocahontas	8		4			
Port Royal	1					
Pound	24		14	1		
Pulaski	64		50	8		8
Purcellville	28		5	1		
Quantico						
Remington	1					
Rich Creek	2		4			
Richlands	53		33	2		
Ridgeway	2					
Rocky Mount	79		35	5		2
Round Hill	1					
Rural Retreat	2		1			
Saint Charles	1		1			
Saint Paul	6		3			
Saltville	9		6			
Saxis						
Scottsburg						
Scottsville	8		4	1		
Shenandoah	6					
Smithfield	77		48	8		7
South Boston	128	1	73	9		7
South Hill	46		12	4		3
Stanardsville	3					
Stanley	8		9	2		
Stephens City	9		2	2		
Stony Creek	2		6			
Strasburg	10		5			
Stuart	4					
Surry	3		3			
Tangier						
Tappahannock	42		26	2		3
Tazewell	56		31	2		4
The Plains						
Timberville	12		6			
Toms Brook	1					

Jurisdiction	Total			Alcohol-Related		
	Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
<b>Towns</b>						
Troutdale						
Troutville	7		4			
Urbanna						
Victoria	12	1	9			
Vienna	176	1	54	5		2
Vinton	101		42	7		4
Virgilina						
Wachapreague	1		1			
Wakefield	8		4	1		
Warrenton	80		27	5		3
Warsaw	13		8			
Washington	3		2			
Waverly	9		10	2		2
Weber City	30		21			
West Point	27		8			
White Stone	1					
Windsor	3		3			
Wise	61	1	39	3	1	2
Woodstock	42		22	4		4
Wytheville	108	1	73	5		7
<b>Total</b>	<b>4,094</b>	<b>20</b>	<b>2,130</b>	<b>234</b>	<b>7</b>	<b>162</b>

**NOTE:** Figures for incorporated towns are included in the counties.

# Virginia Driving Trends

## Summary: 1990 - 1999

Year	Death Rate*	Vehicles Registered	Licensed Drivers	Gasoline Consumption**	Vehicular Mileage***	Total			Alcohol-Related****		
						Crashes	Fatalities	Injuries	Crashes	Fatalities	Injuries
1990	1.82	4,985,438	4,404,722	3,483.2	60,178	134,505	1,071	76,436	17,337	535	14,070
1991	1.54	5,023,679	4,429,424	3,510.3	61,099	122,516	938	70,899	14,894	429	12,187
1992	1.32	5,124,916	4,771,565	3,615.6	63,447	122,887	839	76,615	13,830	379	11,493
1993	1.34	5,230,009	4,818,898	3,722.4	65,419	120,265	875	77,852	12,854	397	10,812
1994	1.35	5,383,522	4,845,028	3,829.1	67,609	126,637	925	82,146	11,997	376	10,258
1995	1.28	5,485,309	4,884,271	3,955.5	69,811	127,126	900	82,400	11,400	360	9,381
1996	1.21	5,636,956	4,957,577	4,054.2	71,309	131,088	869	82,363	11,220	346	9,083
1997	1.32	5,724,096	5,021,813	4,225.4	74,142	129,980	981	81,866	11,340	302	9,124
1998	1.22	5,874,607	4,846,666	4,317.9	76,262	136,138	934	81,221	11,027	336	8,555
1999	1.09	6,083,902	4,942,186	4,560.8	80,197	139,573	877	81,204	10,942	364	8,359

\*Per 100 million miles with 1999 estimated.

\*\*In millions with 1999 estimated.

\*\*\*In millions with 1999 mileage estimated.

\*\*\*\*Determined using medical examiner data in addition to police reports.

## Deaths on Major Holidays

Year	Memorial Day	No. Days	4 <sup>th</sup> of July	No. Days	Labor Day	No. Days	Thanks-giving	No. Days	Christmas	No. Days	New Years	No. Days
1990	13	3	3	1	13	3	11	4	15	4	12	4
1991	13	3	21	4	15	3	17	4	7	2	2	2
1992	9	3	9	3	8	3	5	4	14	4	10	4
1993	11*	4	11*	4	8*	4	14*	5	8	3	8	3
1994	13*	4	8*	4	11*	4	18*	5	16	4	12	3
1995	10*	4	11*	5	14*	4	14*	5	8	3	14	3
1996	10*	4	14*	5	10*	4	7*	5	2	2	3	2
1997	13*	4	22*	4	16*	4	18*	5	5	2	5	2
1998	12*	4	16*	3	12*	4	12*	5	6	4	16	4
1999	14*	4	11*	4	9*	4	21*	5	18	4	13	4

NOTE: Deaths are for the days indicated plus the last six hours of the preceding day except where noted by \*.

## Leading Causes of Death: 1998

Virginia		United States**	
Heart Disease	15,820	Heart Disease	726,974
Cancer	12,719	Cancer	539,577
Cerebrovascular Diseases	3,772	Cerebrovascular Diseases	159,791
Chronic Obstructive Pulmonary Diseases	2,450	Chronic Obstructive Pulmonary Diseases	109,029
Pneumonia and Influenza	2,035	Pneumonia and Influenza	86,449
Diabetes Mellitus	1,313	Diabetes Mellitus	62,636
Motor Vehicle Accidents*	896	Motor Vehicle Accidents	43,458
Suicide	827	Suicide	30,535
Septicemia (Blood Poisoning)	780	Nephritis, Nephrotoxic Syndrome and Nephrosis	25,331
Nephritis, Nephrotoxic Syndrome and Nephrosis	758	Chronic Liver Disease & Cirrhosis	25,175

\*Includes Virginians killed in traffic crashes outside the state. (Source: Virginia Department of Health, Virginia Center for Health Statistics)

\*\*These are the most recent statistics available - 1997 (Source: National Center for Health Statistics)

## Monthly Crashes/Fatalities/Injuries

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>1990</b>												
Crashes	10,646	9,624	11,111	10,816	12,285	11,384	11,503	11,489	10,457	12,226	11,315	11,649
Fatalities	89	69	83	82	104	107	110	102	78	89	81	77
Injuries	5,752	5,346	6,212	6,117	6,734	6,944	7,127	6,927	6,493	6,702	5,826	6,256
<b>1991</b>												
Crashes	8,783	8,023	10,276	10,125	10,946	10,299	10,792	10,694	10,035	11,176	10,211	11,156
Fatalities	62	53	69	63	64	89	90	92	87	99	94	76
Injuries	4,587	4,412	5,635	5,882	6,513	6,332	6,598	6,520	5,995	6,453	5,798	6,174
<b>1992</b>												
Crashes	9,474	9,044	9,600	10,167	11,359	10,236	10,049	10,201	10,079	10,967	10,707	11,004
Fatalities	49	65	58	72	74	58	73	85	83	84	64	74
Injuries	5,208	5,244	5,544	6,347	7,084	6,352	6,851	6,948	6,688	6,968	6,704	6,677
<b>1993</b>												
Crashes	8,991	8,653	9,061	9,417	10,052	9,624	9,959	9,843	10,391	11,736	10,489	12,049
Fatalities	74	58	53	76	80	79	65	81	65	79	95	70
Injuries	5,379	5,106	5,453	6,306	6,883	6,639	7,023	6,848	6,843	7,611	6,781	6,980
<b>1994</b>												
Crashes	11,891	8,785	9,906	9,683	10,523	10,191	10,875	10,630	10,285	11,444	11,406	11,018
Fatalities	54	48	68	65	78	83	71	98	78	114	84	84
Injuries	6,346	5,400	6,293	6,483	7,233	6,949	7,542	7,348	6,806	7,439	7,257	7,050
<b>1995</b>												
Crashes	10,017	8,362	9,686	9,908	10,941	11,229	10,391	10,729	10,874	12,063	11,546	11,380
Fatalities	77	51	53	87	72	78	70	93	75	91	76	77
Injuries	5,990	5,163	6,178	6,706	7,403	7,572	7,150	7,405	7,128	7,852	6,853	7,000
<b>1996</b>												
Crashes	10,115	10,595	9,763	9,972	11,073	10,725	10,904	10,863	11,062	12,140	11,537	12,339
Fatalities	68	52	54	63	85	84	66	76	95	90	65	71
Injuries	5,617	5,814	6,048	6,543	7,151	7,096	7,452	7,464	7,129	7,612	6,991	7,446
<b>1997</b>												
Crashes	10,102	9,191	10,492	11,133	10,990	10,748	10,756	10,452	10,485	12,118	11,655	11,858
Fatalities	70	64	86	93	86	71	95	90	79	98	80	69
Injuries	5,970	5,527	6,593	7,299	7,274	7,029	7,284	7,055	6,641	7,483	6,900	6,811
<b>1998</b>												
Crashes	11,243	9,436	10,623	11,091	12,112	11,164	10,759	10,890	10,825	12,472	11,814	13,709
Fatalities	63	72	64	75	66	87	83	105	74	81	75	89
Injuries	6,304	5,489	6,390	6,754	7,516	6,815	6,917	6,943	6,782	7,412	6,582	7,317
<b>1999</b>												
Crashes	10,130	9,444	10,844	11,132	11,627	11,694	11,557	11,039	12,651	13,246	12,901	13,308
Fatalities	62	50	69	48	74	69	66	90	80	90	94	85
Injuries	5,597	5,396	6,035	6,671	7,262	7,132	7,257	6,731	7,492	7,442	7,036	7,153

## Estimated Economic Cost: 1994-1998

	1994	1995	1996	1997	1998
Fatalities	851.0	729.0	686.5	961.4	915.3
Injuries	1,895.2	1,817.3	1,700.3	1,754.4	1,776.9
Property Damage Crashes	469.5	434.7	450.6	475.9	515.0
<b>Virginia MVC Cost</b>	<b>3,215.8</b>	<b>2,981.0</b>	<b>2,837.4</b>	<b>3,191.7</b>	<b>3,207.2</b>
<b>U.S. MVC Cost</b>	<b>176,500</b>	<b>170,600</b>	<b>176,100</b>	<b>200,300</b>	<b>191,600</b>
<b>U.S. Total Accident Cost</b>	<b>440,900</b>	<b>434,800</b>	<b>444,100</b>	<b>478,300</b>	<b>480,500</b>

Note: Cost are in millions and based on the National Safety Council's annual cost estimates.

MVC: Motor Vehicle Crash

# Virginia Crashes

## In 1999 there were:

- 877 persons killed
  - 580 drivers killed
  - 210 passengers killed
- 81,204 persons injured
  - 54,534 drivers injured
  - 24,602 passengers injured
- 139,573 crashes
  - 794 fatal crashes
  - 55,092 personal injury crashes
  - 83,687 property damage crashes

**NOTE:** This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	8,145	3.3
Improper Passing	1,767	0.7
Left of Center - Not Passing	2,630	1.1
Failure to Yield	23,288	9.5
Inattention	31,841	12.9
Speed too Fast	14,106	5.7
Improper Turn	4,188	1.7
Improper Lane Change	2,264	0.9
Following too Close	19,523	7.9
Improper Backing	1,582	0.6
Illegal or Improper Parking	378	0.2
Lights Not On	136	0.1
Hit and Run	6,025	2.4
Avoiding Pedestrian	176	0.1
Avoiding Other Vehicle	3,988	1.6
No Violation	110,151	44.7
Other	16,000	6.5
<b>Total</b>	<b>246,188</b>	<b>100.0</b>
<b>Not Stated</b>	<b>8,673</b>	
<b>Grand Total</b>	<b>254,861</b>	

Drinking	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	232,860	95.6
Drinking - Impaired	6,957	2.9
Drinking - Not Impaired	1,751	0.7
Drinking - Impairment Unknown	2,120	0.9
<b>Total</b>	<b>243,688</b>	<b>100.0</b>
<b>Not Stated</b>	<b>11,173</b>	
<b>Grand Total</b>	<b>254,861</b>	

Physical	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	237,668	97.7
Physical Defect	1,288	0.5
Ill	628	0.3
Fatigued	874	0.4
Apparently Asleep	2,160	0.9
Other	737	0.3
<b>Total</b>	<b>243,355</b>	<b>100.0</b>
<b>Not Stated</b>	<b>11,506</b>	
<b>Grand Total</b>	<b>254,861</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	362	125	7	494	74.3
15	292	218		510	57.3
16	3,987	3,658		7,645	52.2
17	4,799	3,857	2	8,658	55.4
18	5,383	3,822	1	9,206	58.5
19	5,305	3,617	5	8,927	59.5
20	4,832	3,232	3	8,067	59.9
21-25	19,120	13,091	11	32,222	59.4
26-30	16,742	11,702	4	28,448	58.9
31-35	15,318	11,307	5	26,630	57.5
36-40	14,972	11,135	1	26,108	57.3
41-45	12,930	9,432	3	22,365	57.8
46-50	10,611	7,603	3	18,217	58.3
51-55	8,712	5,693	1	14,406	60.5
56-60	6,276	3,949	1	10,226	61.4
61-65	4,473	2,527	2	7,002	63.9
66-70	3,511	2,191	1	5,703	61.6
Over 70	6,365	4,506	385	11,256	58.6
Unknown	89	32	8,650	8,771	
<b>Total</b>	<b>144,079</b>	<b>101,697</b>	<b>9,085</b>	<b>254,861</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	121,169	48.1
Turning Right	9,081	3.6
Turning Left	27,467	10.9
Making U-Turn	1,320	0.5
Slowing-Stopping	18,445	7.3
Ran Off Road	21,725	8.6
Stopped in Traffic	32,523	12.9
Backing	2,844	1.1
Passing	1,765	0.7
Changing Lanes	8,095	3.2
Other	7,546	3.0
<b>Total</b>	<b>251,980</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2,881</b>	
<b>Grand Total</b>	<b>254,861</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	240,489	98.2
Lights	290	0.1
Brakes	1,190	0.5
Steering	492	0.2
Tires	1,264	0.5
Motor	320	0.1
Other	825	0.3
<b>Total</b>	<b>244,870</b>	<b>100.0</b>
<b>Not Stated</b>	<b>9,991</b>	
<b>Grand Total</b>	<b>254,861</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	92,165	66.3
Cloudy	22,524	16.2
Fog	1,087	0.8
Mist	3,629	2.6
Rain	16,898	12.2
Snow	1,945	1.4
Sleet	595	0.4
Smoke/Dust	16	
Other	101	0.1
<b>Total</b>	<b>138,960</b>	<b>100.0</b>
<b>Not Stated</b>	<b>613</b>	
<b>Grand Total</b>	<b>139,573</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	3,212	2.3
Daylight	94,249	67.8
Dusk	4,074	2.9
Darkness (road lighted)	18,133	13.0
Darkness (road unlighted)	19,384	13.9
<b>Total</b>	<b>139,052</b>	<b>100.0</b>
<b>Not Stated</b>	<b>521</b>	
<b>Grand Total</b>	<b>139,573</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	24,128	17.4
Traffic Signals	27,531	19.9
Stop Sign	13,612	9.8
Slow/Warning Sign	1,010	0.7
Yield Sign	1,695	1.2
No Passing Zone	11,147	8.0
R. R. Warning Sign	49	
R. R. Signals	39	
R. R. Gate and Signals	65	
Other	59,316	42.8
<b>Total</b>	<b>138,592</b>	<b>100.0</b>
<b>Not Stated</b>	<b>981</b>	
<b>Grand Total</b>	<b>139,573</b>	

# Virginia Fatalities

## In 1999 there were:

- 877 persons killed in 794 fatal crashes

NOTE: This includes drivers and passengers of all motor vehicles and not fully motorized vehicles as well as pedestrians.

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	40	3.5
Improper Passing	9	0.8
Left of Center - Not Passing	95	8.2
Failure to Yield	56	4.9
Inattention	193	16.8
Speed too Fast	234	20.3
Improper Turn	6	0.5
Improper Lane Change	3	0.3
Following too Close	2	0.2
Improper Backing	1	0.1
Illegal or Improper Parking	3	0.3
Lights Not On	2	0.2
Hit and Run	11	1.0
Avoiding Pedestrian	5	0.4
Avoiding Other Vehicle	17	1.5
No Violation	395	34.3
Other	80	6.9
<b>Total</b>	<b>1,152</b>	<b>100.0</b>
<b>Not Stated</b>	<b>35</b>	
<b>Grand Total</b>	<b>1,187</b>	

<b>Drinking</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	765	78.9
Drinking - Impaired	93	9.6
Drinking - Not Impaired	9	0.9
Drinking - Impairment Unknown	103	10.6
<b>Total</b>	<b>970</b>	<b>100.0</b>
<b>Not Stated</b>	<b>217</b>	
<b>Grand Total</b>	<b>1,187</b>	

<b>Physical</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	827	91.2
Physical Defect	10	1.1
Ill	13	1.4
Fatigued	8	0.9
Apparently Asleep	42	4.6
Other	7	0.8
<b>Total</b>	<b>907</b>	<b>100.0</b>
<b>Not Stated</b>	<b>280</b>	
<b>Grand Total</b>	<b>1,187</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	2	1		3	66.7
15	3	2		5	60.0
16	12	3		15	80.0
17	26	14		40	65.0
18	15	7		22	68.2
19	22	11		33	66.7
20	29	10		39	74.4
21-25	120	20		140	85.7
26-30	103	16		119	86.6
31-35	69	37		106	65.1
36-40	86	39		125	68.8
41-45	86	25		111	77.5
46-50	65	26		91	71.4
51-55	57	13		70	81.4
56-60	48	23		71	67.6
61-65	37	10		47	78.7
66-70	24	11		35	68.6
Over 70	54	39	2	95	58.1
Unknown		1	19	20	
<b>Total</b>	<b>858</b>	<b>308</b>	<b>21</b>	<b>1,187</b>	



## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	613	52.0
Turning Right	5	0.4
Turning Left	54	4.6
Making U-Turn	4	0.3
Slowing-Stopping	12	1.0
Ran Off Road	373	31.7
Stopped in Traffic	33	2.8
Backing	3	0.3
Passing	14	1.2
Changing Lanes	27	2.3
Other	40	3.4
<b>Total</b>	<b>1,178</b>	<b>100.0</b>
<b>Not Stated</b>	<b>9</b>	
<b>Grand Total</b>	<b>1,187</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	1,036	95.7
Lights		
Brakes	7	0.6
Steering	9	0.8
Tires	26	2.4
Motor		
Other	4	0.4
<b>Total</b>	<b>1,082</b>	<b>100.0</b>
<b>Not Stated</b>	<b>105</b>	
<b>Grand Total</b>	<b>1,187</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	548	69.3
Cloudy	139	17.6
Fog	10	1.3
Mist	19	2.4
Rain	55	7.0
Snow	10	1.3
Sleet	5	0.6
Smoke/Dust		
Other	5	0.6
<b>Total</b>	<b>791</b>	<b>100.0</b>
<b>Not Stated</b>	<b>3</b>	
<b>Grand Total</b>	<b>794</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	18	2.3
Daylight	359	45.4
Dusk	24	3.0
Darkness (road lighted)	97	12.3
Darkness (road unlighted)	293	37.0
<b>Total</b>	<b>791</b>	<b>100.0</b>
<b>Not Stated</b>	<b>3</b>	
<b>Grand Total</b>	<b>794</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	112	14.2
Traffic Signals	55	7.0
Stop Sign	44	5.6
Slow/Warning Sign	17	2.2
Yield Sign	1	0.1
No Passing Zone	172	21.8
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals		
Other	388	49.2
<b>Total</b>	<b>789</b>	<b>100.0</b>
<b>Not Stated</b>	<b>5</b>	
<b>Grand Total</b>	<b>794</b>	

# Virginia Crashes Involving Alcohol



## In 1999 there were:

- 364 persons killed in alcohol-related crashes or 41.5 percent of all traffic fatalities
- 8,359 persons injured in alcohol-related crashes or 10.3 percent of all traffic injuries
- 10,942 alcohol-related crashes or 7.8 percent of all crashes
  - 322 alcohol-related fatal crashes or 40.6 percent of all fatal crashes
  - 5,710 alcohol-related personal injury crashes or 10.4 percent of all personal injury crashes
  - 4,910 alcohol-related property damage crashes or 5.9 percent of all property damage crashes

## Alcohol Involvement in Fatalities and Injuries

	Fatalities	Percent of Total	Injuries	Percent of Total
All Drivers*	580		54,534	
Drinking Drivers	128	22.1	4,033	7.4
All Pedestrians*	87		2,068	
Drinking Pedestrians	23	26.4	225	10.9

NOTE: Drivers and pedestrians in alcohol-related fatal crashes are determined using available medical examiner's data as well as the police report. The term "alcohol-related" does not imply that drinking was the direct cause of the traffic crash.

\*This includes the category of all drivers and all pedestrians killed or injured in crashes (alcohol-related or non-alcohol-related).

## The Drinking Driver

Drinking Driver Action	Drivers	Percen
Ran Traffic Control	418	3.9
Improper Passing	95	0.9
Left of Center - Not Passing	362	3.4
Failure to Yield	460	4.3
Inattention	2,549	23.7
Speed too Fast	2,191	20.3
Improper Turn	163	1.5
Improper Lane Change	54	0.5
Following too Close	289	2.7
Improper Backing	74	0.7
Illegal or Improper Parking	14	0.1
Lights Not On	16	0.1
Hit and Run	820	7.6
Avoiding Pedestrian	8	0.1
Avoiding Other Vehicle	113	1.0
No Violation	769	7.1
Other	2,382	22.1
<b>Total</b>	<b>10,777</b>	<b>100.0</b>
<b>Not Stated</b>	<b>129</b>	
<b>Grand Total</b>	<b>10,906</b>	

Drinking Driver Condition	Drivers	Percent
Not Impaired	22	0.2
Drinking - Impaired	6,957	64.1
Drinking - Not Impaired	1,751	16.1
Drinking - Impairment Unknown	2,120	19.5
<b>Total</b>	<b>10,850</b>	<b>100.0</b>
<b>Not Stated</b>	<b>56</b>	
<b>Grand Total</b>	<b>10,906</b>	

Physical Driver Condition	Drivers	Percent
Not Impaired	9,338	89.9
Physical Defect	193	1.9
Ill	28	0.3
Fatigued	220	2.1
Apparently Asleep	387	3.7
Other	225	2.2
<b>Total</b>	<b>10,391</b>	<b>100.0</b>
<b>Not Stated</b>	<b>515</b>	
<b>Grand Total</b>	<b>10,906</b>	

Age	Male	Female	Not Stated	Total	Percent of Males
Under 15	5	6		11	45.5
15	17	2		19	89.5
16	73	17		90	81.1
17	128	37		165	77.6
18	261	61		322	81.1
19	324	58		382	84.8
20	339	54		393	86.3
21-25	1,896	302	1	2,199	86.3
26-30	1,294	279	1	1,574	82.3
31-35	1,052	296		1,348	78.0
36-40	1,066	336		1,402	76.0
41-45	809	239	1	1,049	77.2
46-50	560	137		697	80.3
51-55	358	62		420	85.2
56-60	232	40		272	85.3
61-65	134	26		160	83.8
66-70	93	16		109	85.3
Over 70	92	18	13	123	83.6
Unknown	3	1	167	171	75.0
<b>Total</b>	<b>8,736</b>	<b>1,987</b>	<b>183</b>	<b>10,906</b>	

## The Drinking Pedestrian

	Pedestrians	Percent
<b>Drinking Pedestrian Action</b>		
Crossing Against Signal	18	7.4
Crossing Not at Crosswalk	75	30.7
Crossing With Signal	2	0.8
Walking With Traffic	26	10.7
Walking Against Traffic	10	4.1
Came Onto Road Between Parked Cars	5	2.0
Getting On or Off Vehicle	3	1.2
Walking On Road	27	11.1
Standing or Lying O Road	78	32.0
<b>Total</b>	<b>244</b>	<b>100.0</b>
<b>Not Stated</b>	<b>4</b>	
<b>Grand Total</b>	<b>248</b>	

Drinking	Pedestrians	Percent
<b>Pedestrian Condition</b>		
Not Impaired		
Drinking – Impaired	150	60.5
Drinking - Not Impaired	19	7.7
Drinking - Impairment Unknown	79	31.9
<b>Total</b>	<b>248</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>248</b>	

Physical	Pedestrians	Percent
<b>Pedestrian Condition</b>		
Not Impaired	180	84.5
Physical Defect	12	5.6
Ill		
Fatigued	8	3.8
Apparently Asleep	1	0.5
Other	12	5.6
<b>Total</b>	<b>213</b>	<b>100.0</b>
<b>Not Stated</b>	<b>35</b>	
<b>Grand Total</b>	<b>248</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15					
15					
16	2			2	100.0
17	2			2	100.0
18	2	1		3	66.7
19	2	1		3	66.7
20	5	4		9	55.6
21-25	24	6		30	80.0
26-30	22	5		27	81.5
31-35	31	12		43	72.1
36-40	28	11		39	71.8
41-45	20	7		27	74.1
46-50	16	5		21	76.2
51-55	14	7		21	66.7
56-60	6			6	100.0
61-65	1			1	100.0
66-70	4	1		5	80.0
Over 70	2	1		3	66.7
Unknown	5	1		6	83.3
<b>Total</b>	<b>186</b>	<b>62</b>		<b>248</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	4,353	42.5
Turning Right	332	3.2
Turning Left	637	6.2
Making U-Turn	58	0.6
Slowing-Stopping	183	1.8
Ran Off Road	3,823	37.3
Stopped in Traffic	140	1.4
Backing	133	1.3
Passing	108	1.1
Changing Lanes	240	2.3
Other	239	2.3
<b>Total</b>	<b>10,246</b>	<b>100.0</b>
<b>Not Stated</b>	<b>38</b>	
<b>Grand Total</b>	<b>10,284</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	9,591	96.6
Lights	38	0.4
Brakes	54	0.5
Steering	49	0.5
Tires	131	1.3
Motor	9	0.1
Other	52	0.5
<b>Total</b>	<b>9,924</b>	<b>100.0</b>
<b>Not Stated</b>	<b>360</b>	
<b>Grand Total</b>	<b>10,284</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	7,739	70.9
Cloudy	1,713	15.7
Fog	132	1.2
Mist	284	2.6
Rain	964	8.8
Snow	53	0.5
Sleet	21	0.2
Smoke/Dust		
Other	8	0.1
<b>Total</b>	<b>10,914</b>	<b>100.0</b>
<b>Not Stated</b>	<b>28</b>	
<b>Grand Total</b>	<b>10,942</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	137	1.3
Daylight	2,639	24.2
Dusk	294	2.7
Darkness (road lighted)	3,722	34.1
Darkness (road unlighted)	4,130	37.8
<b>Total</b>	<b>10,922</b>	<b>100.0</b>
<b>Not Stated</b>	<b>20</b>	
<b>Grand Total</b>	<b>10,942</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	2,864	26.3
Traffic Signals	1,530	14.1
Stop Sign	663	6.1
Slow/Warning Sign	129	1.2
Yield Sign	58	0.5
No Passing Zone	1,376	12.7
R. R. Warning Sign	4	
R. R. Signals	5	
R. R. Gate and Signals	5	
Other	4,236	39.0
<b>Total</b>	<b>10,870</b>	<b>100.0</b>
<b>Not Stated</b>	<b>72</b>	
<b>Grand Total</b>	<b>10,942</b>	

## Driver Condition: Drinking by Crash Type and Age

Fatal Crashes	Drinking					Not Stated	Total Drivers
	Not Drinking	Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
<b>Age</b>							
Under 15	3						3
15	3					2	5
16	11				1	3	15
17	28				2	10	40
18	12	3	2		2	3	22
19	18	1	2	1	2	9	33
20	26	1			4	8	39
21-25	69	14	6	2	18	31	140
26-30	68	10	4	2	18	17	119
31-35	74	8	2		9	13	106
36-40	79	6	3	1	14	22	125
41-45	69	9	4	1	10	18	111
46-50	57	5	2	1	11	15	91
51-55	50	2	1	1	5	11	70
56-60	50	3	1		5	12	71
61-65	35		2		2	8	47
66-70	31					4	35
Over 70	80		1			14	95
Unknown	2	1				17	20
<b>Total Drivers</b>	<b>765</b>	<b>63</b>	<b>30</b>	<b>9</b>	<b>103</b>	<b>217</b>	<b>1,187</b>

Personal Injury Crashes	Drinking					Not Stated	Total Drivers
	Not Drinking	Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
<b>Age</b>							
Under 15	320	2	2	3	2	60	389
15	224	4	1	1	2	6	238
16	2,942	19	8	9	13	34	3,025
17	3,370	31	21	9	22	52	3,505
18	3,486	72	41	10	33	48	3,690
19	3,426	79	51	27	52	48	3,683
20	2,949	71	59	26	42	50	3,197
21-25	11,510	426	226	198	252	196	12,808
26-30	10,521	359	174	114	180	152	11,500
31-35	10,144	306	148	101	154	145	10,998
36-40	9,851	357	164	92	146	132	10,742
41-45	8,451	275	110	75	99	107	9,117
46-50	6,866	188	73	46	54	104	7,331
51-55	5,562	95	40	34	35	54	5,820
56-60	3,940	58	39	12	29	51	4,129
61-65	2,725	39	21	10	12	32	2,839
66-70	2,228	23	12	6	12	18	2,299
Over 70	4,403	28	14	15	11	58	4,529
Unknown	334	12	9	8	33	2,172	2,568
<b>Total Drivers</b>	<b>93,252</b>	<b>2,444</b>	<b>1,213</b>	<b>796</b>	<b>1,183</b>	<b>3,519</b>	<b>102,407</b>

Property Damage Crashes	Drinking					Not Stated	Total Drivers
	Not Drinking	Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
<b>Age</b>							
Under 15	94	1		1		6	102
15	248	6	2	1	1	9	267
16	4,523	10	14	7	8	43	4,605
17	4,981	30	21	9	17	55	5,113
18	5,269	61	45	26	25	68	5,494
19	4,974	63	47	17	38	72	5,211
20	4,575	78	48	18	41	71	4,831
21-25	17,969	399	249	227	170	260	19,274
26-30	15,897	288	149	162	106	227	16,829
31-35	14,731	250	139	129	96	181	15,526
36-40	14,459	288	129	103	91	171	15,241
41-45	12,560	214	93	83	67	120	13,137
46-50	10,381	159	62	53	40	100	10,795
51-55	8,233	105	49	27	23	79	8,516
56-60	5,847	55	21	28	14	61	6,026
61-65	4,005	34	13	16	8	40	4,116
66-70	3,285	20	14	8	10	32	3,369
Over 70	6,493	21	8	20	4	86	6,632
Unknown	319	12	10	11	75	5,756	6,183
<b>Total Drivers</b>	<b>138,843</b>	<b>2,094</b>	<b>1,113</b>	<b>946</b>	<b>834</b>	<b>7,437</b>	<b>151,267</b>

All Crashes	Drinking					Not Stated	Total Drivers
	Not Drinking	Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
<b>Age</b>							
Under 15	417	3	2	4	2	66	494
15	475	10	3	2	3	17	510
16	7,476	29	22	16	22	80	7,645
17	8,379	61	42	18	41	117	8,658
18	8,767	136	88	36	60	119	9,206
19	8,418	143	100	45	92	129	8,927
20	7,550	150	107	44	87	129	8,067
21-25	29,548	839	481	427	440	487	32,222
26-30	26,486	657	327	278	304	396	28,448
31-35	24,949	564	289	230	259	339	26,630
36-40	24,389	651	296	196	251	325	26,108
41-45	21,080	498	207	159	176	245	22,365
46-50	17,304	352	137	100	105	219	18,217
51-55	13,845	202	90	62	63	144	14,406
56-60	9,837	116	61	40	48	124	10,226
61-65	6,765	73	36	26	22	80	7,002
66-70	5,544	43	26	14	22	54	5,703
Over 70	10,976	49	23	35	15	158	11,256
Unknown	655	25	19	19	108	7,945	8,771
<b>Total Drivers</b>	<b>232,860</b>	<b>4,601</b>	<b>2,356</b>	<b>1,751</b>	<b>2,120</b>	<b>11,173</b>	<b>254,861</b>

## Age and Sex of Persons Killed (Alcohol-Related)

Age	All Persons Killed				Pedestrians Killed				Bicyclists Killed				Motorcyclists Killed			
	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 1	2	2			1	1										
1																
2																
3																
4	1		1													
5-9																
10-14	7	5	2						1	1						
15	2	1	1													
16	3	2	1													
17	11	8	3						1	1						
18	10	8	2													
19	8	7	1		1	1										
20	12	12														
21-25	65	57	8		4	2	2		1	1			2	2		
26-30	43	39	4		7	6	1						5	5		
31-35	35	26	9		4	4							1	1		
36-40	38	29	9		5	5			1	1			4	4		
41-45	35	31	4		3	3			2	2			3	3		
46-50	28	23	5		2	2							4	3	1	
51-55	18	17	1		3	3							1	1		
56-60	19	15	4		2	2										
61-65	11	10	1		1	1										
66-70	7	7			2	2										
Over 70	7	4	3		2	1	1									
Unknown	2	1		1												
<b>Total</b>	<b>364</b>	<b>304</b>	<b>59</b>	<b>1</b>	<b>37</b>	<b>33</b>	<b>4</b>		<b>6</b>	<b>6</b>			<b>20</b>	<b>19</b>	<b>1</b>	

## Age and Sex of Persons Injured (Alcohol-Related)

Age	All Persons Injured				Pedestrians Injured				Bicyclists Injured				Motorcyclists Injured			
	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 1	11	6	5													
1	18	12	6													
2	13	7	6													
3	25	18	7		2	2										
4	25	15	10		1	1										
5-9	135	70	65		4	3	1		1		1					
10-14	168	74	94		3	1	2		2	2						
15	45	21	24		1	1			2	2						
16	133	73	60		2	2										
17	221	148	73		2	2										
18	314	208	106		6	4	2		1	1			2	2		
19	344	233	111		3	2	1						3	3		
20	316	231	85		12	8	4						2	1	1	
21-25	1,496	1,116	378	2	41	34	7		6	5	1		29	27	2	
26-30	1,067	745	321	1	33	24	9		9	8		1	22	21	1	
31-35	953	632	319	2	49	36	13		7	6	1		26	22	4	
36-40	953	644	309		38	25	13		9	8	1		33	31	2	
41-45	676	442	233	1	39	27	12		18	15	2	1	17	14	3	
46-50	488	317	171		21	16	5		6	5	1		10	10		
51-55	321	215	106		25	17	8		3	3			5	4	1	
56-60	191	126	65		4	4			1	1			2	1	1	
61-65	115	79	36		1	1			1		1					
66-70	86	50	36		7	4	3									
Over 70	124	75	45	4	10	7	3		1	1						
Unknown	121	58	38	25	7	6	1		7			7	1			1
<b>Total</b>	<b>8,359</b>	<b>5,615</b>	<b>2,709</b>	<b>35</b>	<b>311</b>	<b>227</b>	<b>84</b>		<b>74</b>	<b>57</b>	<b>8</b>	<b>9</b>	<b>152</b>	<b>136</b>	<b>15</b>	<b>1</b>

## Age and Sex of Driver/Passengers Killed And Injured (Alcohol-Related)

Age	All Drivers Killed				All Passengers Killed				All Drivers Injured				All Passengers Injured			
	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated
Under 1					1	1							11	6	5	
1													18	12	6	
2													13	7	6	
3													23	16	7	
4					1		1						24	14	10	
5-9									1		1		130	67	63	
10-14	1	1			6	4	2		5	4	1		160	69	91	
15	1	1			1		1		6	5	1		38	15	23	
16	2	2			1		1		50	28	22		81	43	38	
17	7	5	2		4	3	1		109	78	31		110	68	42	
18	4	2	2		6	6			176	130	46		132	74	58	
19	4	4			3	2	1		216	156	60		125	75	50	
20	10	10			2	2			198	154	44		106	69	37	
21-25	37	36	1		24	19	5		1,001	793	206	2	454	289	165	
26-30	26	26			10	7	3		801	591	209	1	233	130	103	
31-35	21	15	6		10	7	3		703	486	215	2	201	110	91	
36-40	27	18	9		6	6			734	513	221		181	106	75	
41-45	28	26	2		4	2	2		506	353	152	1	131	62	69	
46-50	20	18	2		6	3	3		369	251	118		98	50	48	
51-55	11	10	1		4	4			238	166	72		58	32	26	
56-60	16	13	3		1		1		143	109	34		44	13	31	
61-65	9	8	1		1	1			90	66	24		24	12	12	
66-70	5	5							59	39	20		20	7	13	
Over 70	3	2	1		2	1	1		82	59	19	4	32	9	23	
Unknown					2	1		1	25	2		23	89	50	37	2
<b>Total</b>	<b>232</b>	<b>202</b>	<b>30</b>		<b>95</b>	<b>69</b>	<b>25</b>	<b>1</b>	<b>5,512</b>	<b>3,983</b>	<b>1,496</b>	<b>33</b>	<b>2,536</b>	<b>1,405</b>	<b>1,129</b>	<b>2</b>

# Virginia Crashes Involving Automobiles



## In 1999 there were:

- 501 automobile occupants killed or 57.1 percent of traffic fatalities
  - 339 drivers killed
  - 162 passengers killed
- 55,431 automobile occupants injured or 68.3 percent of all traffic injuries
  - 38,207 drivers injured
  - 17,224 passengers injured
- 112,504 automobile crashes or 80.6 percent of all fatal crashes
  - 515 fatal crashes or 64.9 percent of all fatal crashes
  - 44,941 personal injury crashes or 81.6 percent of all personal injury crashes
  - 67,048 property damage crashes or 80.1 percent of all property damage crashes
- 4,001,846 automobiles were registered in Virginia with 4.1 percent involved in crashes

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	5,671	3.6
Improper Passing	1,075	0.7
Left of Center - Not Passing	1,358	0.9
Failure to Yield	16,615	10.4
Inattention	20,621	13.0
Speed too Fast	9,422	5.9
Improper Turn	2,549	1.6
Improper Lane Change	1,183	0.7
Following too Close	12,761	8.0
Improper Backing	596	0.4
Illegal or Improper Parking	225	0.1
Lights Not On	78	
Hit and Run	2,439	1.5
Avoiding Pedestrian	122	0.1
Avoiding Other Vehicle	2,417	1.5
No Violation	71,424	44.9
Other	10,517	6.6
<b>Total</b>	<b>159,073</b>	<b>100.0</b>
<b>Not Stated</b>	<b>4,952</b>	
<b>Grand Total</b>	<b>164,025</b>	

<b>Drinking</b>	<b>Drivers</b>	<b>Percent</b>
<b>Driver Condition</b>		
Not Impaired	152,865	95.6
Drinking - Impaired	4,466	2.8
Drinking - Not Impaired	1,183	0.7
Drinking - Impairment Unknown	1,309	0.8
<b>Total</b>	<b>159,823</b>	<b>100.0</b>
<b>Not Stated</b>	<b>4,202</b>	

<b>Physical</b>	<b>Drivers</b>	<b>Percent</b>
<b>Driver Condition</b>		
Not Impaired	155,707	97.5
Physical Defect	878	0.6
Ill	417	0.3
Fatigued	616	0.4
Apparently Asleep	1,486	0.9
Other	517	0.3
<b>Total</b>	<b>159,621</b>	<b>100.0</b>
<b>Not Stated</b>	<b>4,404</b>	
<b>Grand Total</b>	<b>164,025</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	77	58		135	57.0
15	179	155		334	53.6
16	2,772	3,087		5,859	47.3
17	3,517	3,300		6,817	51.6
18	3,907	3,329	1	7,237	54.0
19	3,794	3,191	2	6,987	54.3
20	3,361	2,833	3	6,197	54.3
21-25	12,314	11,144	10	23,468	52.5
26-30	9,450	9,213	1	18,664	50.6
31-35	7,642	8,263	3	15,908	48.0
36-40	6,947	7,653	1	14,601	47.6
41-45	5,953	6,679	2	12,634	47.1
46-50	5,035	5,663	1	10,699	47.1
51-55	4,192	4,424	1	8,617	48.7
56-60	2,971	3,180	1	6,152	48.3
61-65	2,318	2,127		4,445	52.1
66-70	1,978	1,897		3,875	51.0
Over 70	4,403	4,172	257	8,832	51.3
Unknown	44	19	2,501	2,564	
<b>Total</b>	<b>80,854</b>	<b>80,387</b>	<b>2,784</b>	<b>164,025</b>	



## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	78,618	48.2
Turning Right	5,641	3.5
Turning Left	18,987	11.6
Making U-Turn	885	0.5
Slowing-Stopping	11,945	7.3
Ran Off Road	14,184	8.7
Stopped in Traffic	21,318	13.1
Backing	1,217	0.7
Passing	1,020	0.6
Changing Lanes	4,639	2.8
Other	4,653	2.9
<b>Total</b>	<b>163,107</b>	<b>100.0</b>
<b>Not Stated</b>	<b>918</b>	
<b>Grand Total</b>	<b>164,025</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	158,073	98.4
Lights	144	0.1
Brakes	627	0.4
Steering	284	0.2
Tires	845	0.5
Motor	222	0.1
Other	442	0.3
<b>Total</b>	<b>160,637</b>	<b>100.0</b>
<b>Not Stated</b>	<b>3,388</b>	
<b>Grand Total</b>	<b>164,025</b>	

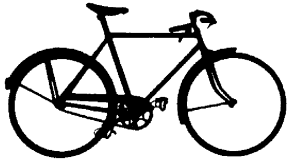
## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	74,593	66.5
Cloudy	18,076	16.1
Fog	792	0.7
Mist	2,958	2.6
Rain	13,891	12.4
Snow	1,327	1.2
Sleet	403	0.4
Smoke/Dust	11	
Other	72	0.1
<b>Total</b>	<b>112,123</b>	<b>100.0</b>
<b>Not Stated</b>	<b>381</b>	
<b>Grand Total</b>	<b>112,504</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	2,404	2.1
Daylight	77,511	69.1
Dusk	3,402	3.0
Darkness (road lighted)	14,943	13.3
Darkness (road unlighted)	13,969	12.4
<b>Total</b>	<b>112,229</b>	<b>100.0</b>
<b>Not Stated</b>	<b>275</b>	
<b>Grand Total</b>	<b>112,504</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	17,204	15.4
Traffic Signals	24,361	21.8
Stop Sign	11,879	10.6
Slow/Warning Sign	702	0.6
Yield Sign	1,500	1.3
No Passing Zone	8,017	7.2
R. R. Warning Sign	34	
R. R. Signals	25	
R. R. Gate and Signals	48	
Other	48,039	43.0
<b>Total</b>	<b>111,809</b>	<b>100.0</b>
<b>Not Stated</b>	<b>695</b>	
<b>Grand Total</b>	<b>112,504</b>	

# Virginia Crashes Involving Bicycles



## In 1999 there were:

- 10 bicycle riders killed in bicycle/motor vehicle crashes or 1.1 percent of all traffic fatalities
- 919 bicycle riders injured in bicycle/motor vehicle crashes or 1.1 percent of all traffic injuries
- 958 bicycle/motor vehicle crashes or 0.7 percent of all crashes
  - 10 fatal crashes or 1.3 percent of all fatal crashes
  - 920 personal injury crashes or 1.7 percent of all personal injury crashes
  - 28 property damage crashes or 0.0 percent of all property damage crashes

## The Bicyclist

	Drivers	Percent
<b>Bicyclist Action</b>		
Ran Traffic Control	78	10.1
Improper Passing	10	1.3
Left of Center - Not Passing	62	8.1
Failure to Yield	147	19.1
Inattention	87	11.3
Speed too Fast	2	0.3
Improper Turn	19	2.5
Improper Lane Change	7	0.9
Following too Close	1	0.1
Improper Backing		
Illegal or Improper Parking	1	0.1
Lights Not On	20	2.6
Hit and Run	4	0.5
Avoiding Pedestrian		
Avoiding Other Vehicle	4	0.5
No Violation	230	29.9
Other	97	12.6
<b>Total</b>	<b>769</b>	<b>100.0</b>
<b>Not Stated</b>	<b>194</b>	
<b>Grand Total</b>	<b>963</b>	

<b>Drinking</b>	Drivers	Percent
<b>Bicyclist Condition</b>		
Not Impaired	735	92.1
Drinking - Impaired	38	4.8
Drinking - Not Impaired	9	1.1
Drinking - Impairment Unknown	16	2.0
<b>Total</b>	<b>798</b>	<b>100.0</b>
<b>Not Stated</b>	<b>165</b>	
<b>Grand Total</b>	<b>963</b>	

<b>Physical</b>	Drivers	Percent
<b>Bicyclist Condition</b>		
Not Impaired	751	97.5
Physical Defect	8	1.0
Ill		
Fatigued	3	0.4
Apparently Asleep	1	0.1
Other	7	0.9
<b>Total</b>	<b>770</b>	<b>100.0</b>
<b>Not Stated</b>	<b>193</b>	
<b>Grand Total</b>	<b>963</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 5	5			5	100.0
5-9	64	17	1	82	79.0
10-14	152	29	6	187	84.0
15	35	5		40	87.5
16	13	4		17	76.5
17	21	4	1	26	84.0
18	14	3		17	82.4
19	17	2	1	20	89.5
20	13	1		14	92.9
21-25	55	18		73	75.3
26-30	66	11	1	78	85.7
31-35	38	15	1	54	71.7
36-40	61	8		69	88.4
41-45	46	8	1	55	85.2
46-50	32	6		38	84.2
51-55	18	1		19	94.7
56-60	11	2		13	84.6
61-65	6	2	1	9	75.0
66-70	2	1		3	66.7
Over 70	7		1	8	100.0
Unknown	9	3	124	136	
<b>Total</b>	<b>685</b>	<b>140</b>	<b>138</b>	<b>963</b>	

## The Vehicle

	Bicycles	Percent
<b>Bicycle Action</b>		
Going Straight	554	70.9
Turning Right	33	4.2
Turning Left	55	7.0
Making U-Turn	6	0.8
Slowing-Stopping	9	1.2
Ran Off Road	6	0.8
Stopped in Traffic	9	1.2
Backing		
Passing	3	0.4
Changing Lanes	14	1.8
Other	92	11.8
<b>Total</b>	<b>781</b>	<b>100.0</b>
<b>Not Stated</b>	<b>182</b>	
<b>Grand Total</b>	<b>963</b>	

	Bicycles	Percent
<b>Bicycle Defect</b>		
No Defect	705	93.6
Lights	14	1.9
Brakes	22	2.9
Steering	3	0.4
Tires	1	0.1
Motor		
Other	8	1.1
<b>Total</b>	<b>753</b>	<b>100.0</b>
<b>Not Stated</b>	<b>210</b>	
<b>Grand Total</b>	<b>963</b>	

## The Environment

	Crashe s	Percen t
<b>Weather</b>		
Clear	739	77.3
Cloudy	149	15.6
Fog	2	0.2
Mist	17	1.8
Rain	46	4.8
Snow	1	0.1
Sleet	1	0.1
Smoke/Dust		
Other	1	0.1
<b>Total</b>	<b>956</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>958</b>	

	Crashe s	Percen t
<b>Light</b>		
Dawn	11	1.1
Daylight	704	73.6
Dusk	49	5.1
Darkness (road lighted)	139	14.5
Darkness (road unlighted)	54	5.6
<b>Total</b>	<b>957</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>958</b>	

	Crashe s	Percen t
<b>Traffic Controls</b>		
No Controls	231	24.4
Traffic Signals	218	23.0
Stop Sign	187	19.7
Slow/Warning Sign	2	0.2
Yield Sign	14	1.5
No Passing Zone	20	2.1
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals		
Other	276	29.1
<b>Total</b>	<b>948</b>	<b>100.0</b>
<b>Not Stated</b>	<b>10</b>	
<b>Grand Total</b>	<b>958</b>	

# Virginia Crashes Involving Buses



## In 1999 there were:

- 0 bus occupants killed or 0.0 percent of all traffic fatalities
- 394 bus occupants injured or 0.5 percent of all traffic injuries
- 689 bus crashes or 0.5 percent of all crashes
  - 3 fatal crashes or 0.4 percent of all fatal crashes
  - 259 personal injury crashes or 0.5 percent of all personal injury crashes
  - 427 property damage crashes or 0.5 percent of all property damage crashes
- 1,739 buses were registered in Virginia with 40.1 percent involved in crashes

NOTE: This table includes city transit and intercity buses but excludes school buses.

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	7	1.1
Improper Passing	7	1.1
Left of Center - Not Passing	3	0.5
Failure to Yield	23	3.5
Inattention	84	12.6
Speed too Fast	10	1.5
Improper Turn	43	6.5
Improper Lane Change	5	0.8
Following too Close	30	4.5
Improper Backing	15	2.3
Illegal or Improper Parking	4	0.6
Lights Not On		
Hit and Run	1	0.2
Avoiding Pedestrian	1	0.2
Avoiding Other Vehicle	6	0.9
No Violation	391	58.7
Other	36	5.4
<b>Total</b>	<b>666</b>	<b>100.0</b>
<b>Not Stated</b>	<b>31</b>	
<b>Grand Total</b>	<b>697</b>	

<b>Drinking</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	684	99.6
Drinking - Impaired	2	0.3
Drinking - Not Impaired		
Drinking - Impairment Unknown	1	0.1
<b>Total</b>	<b>687</b>	<b>100.0</b>
<b>Not Stated</b>	<b>10</b>	
<b>Grand Total</b>	<b>697</b>	

<b>Physical</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	675	98.8
Physical Defect	5	0.7
Ill	1	0.1
Fatigued		
Apparently Asleep	2	0.3
Other		
<b>Total</b>	<b>683</b>	<b>100.0</b>
<b>Not Stated</b>	<b>14</b>	
<b>Grand Total</b>	<b>697</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15					
15					
16					
17					
18	1			1	100.0
19	7	1		8	87.5
20	3			3	100.0
21-25	13	11		24	54.2
26-30	26	25		51	51.0
31-35	32	50		82	39.0
36-40	44	45		89	49.4
41-45	58	51		109	53.2
46-50	76	39		115	66.1
51-55	49	20		69	71.0
56-60	46	17		63	73.0
61-65	39	5		44	88.6
66-70	16	2	1	19	88.9
Over 70	11	3	1	15	78.6
Unknown			5	5	
<b>Total</b>	<b>421</b>	<b>269</b>	<b>7</b>	<b>697</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	314	45.4
Turning Right	59	8.5
Turning Left	81	11.7
Making U-Turn	3	0.4
Slowing-Stopping	49	7.1
Ran Off Road	9	1.3
Stopped in Traffic	95	13.7
Backing	21	3.0
Passing	7	1.0
Changing Lanes	23	3.3
Other	31	4.5
<b>Total</b>	<b>692</b>	<b>100.0</b>
<b>Not Stated</b>	<b>5</b>	
<b>Grand Total</b>	<b>697</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	676	98.5
Lights	1	0.1
Brakes	4	0.6
Steering	1	0.1
Tires		
Motor	2	0.3
Other	2	0.3
<b>Total</b>	<b>686</b>	<b>100.0</b>
<b>Not Stated</b>	<b>11</b>	
<b>Grand Total</b>	<b>697</b>	

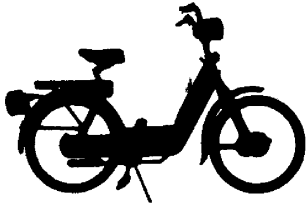
## The Environment

	Crashe s	Perce nt
<b>Weather</b>		
Clear	485	70.6
Cloudy	97	14.1
Fog	4	0.6
Mist	17	2.5
Rain	70	10.2
Snow	11	1.6
Sleet	1	0.1
Smoke/Dust		
Other	2	0.3
<b>Total</b>	<b>687</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>689</b>	

	Crashe s	Perce nt
<b>Light</b>		
Dawn	19	2.8
Daylight	562	81.8
Dusk	14	2.0
Darkness (road lighted)	67	9.8
Darkness (road unlighted)	25	3.6
<b>Total</b>	<b>687</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>689</b>	

	Crashe s	Perce nt
<b>Traffic Controls</b>		
No Controls	132	19.4
Traffic Signals	173	25.4
Stop Sign	65	9.5
Slow/Warning Sign	1	0.1
Yield Sign	11	1.6
No Passing Zone	15	2.2
R. R. Warning Sign	2	0.3
R. R. Signals	1	0.1
R. R. Gate and Signals		
Other	282	41.3
<b>Total</b>	<b>682</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>689</b>	

# Virginia Crashes Involving Mopeds



## In 1999 there were:

- 2 moped riders killed in moped/motor vehicle crashes or 0.2 percent of all traffic fatalities
- 135 moped riders injured in moped/motor vehicle crashes or 0.2 percent of all traffic injuries
- 240 moped/motor vehicle crashes or 0.2 percent of all crashes
  - 2 fatal crashes or 0.3 percent of all fatal crashes
  - 147 personal injury crashes or 0.3 percent of all personal injury crashes
  - 91 property damage crashes or 0.1 percent of all property damage crashes

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	18	7.7
Improper Passing	5	2.1
Left of Center - Not Passing	3	1.3
Failure to Yield	26	11.2
Inattention	25	10.7
Speed too Fast	15	6.4
Improper Turn	10	4.3
Improper Lane Change		
Following too Close	13	5.6
Improper Backing	2	0.9
Illegal or Improper Parking		
Lights Not On		
Hit and Run	1	0.4
Avoiding Pedestrian		
Avoiding Other Vehicle	4	1.7
No Violation	95	40.8
Other	16	6.9
<b>Total</b>	<b>233</b>	<b>100.0</b>
<b>Not Stated</b>	<b>9</b>	
<b>Grand Total</b>	<b>242</b>	

Drinking	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	223	94.1
Drinking - Impaired	8	3.4
Drinking - Not Impaired	2	0.8
Drinking - Impairment Unknown	4	1.7
<b>Total</b>	<b>237</b>	<b>100.0</b>
<b>Not Stated</b>	<b>5</b>	
<b>Grand Total</b>	<b>242</b>	

Physical	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	226	97.4
Physical Defect	1	0.4
Ill	1	0.4
Fatigued		
Apparently Asleep	1	0.4
Other	3	1.3
<b>Total</b>	<b>232</b>	<b>100.0</b>
<b>Not Stated</b>	<b>10</b>	
<b>Grand Total</b>	<b>242</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 5					
5-9					
10-14	13			13	100.0
15	3			3	100.0
16	12	3		15	80.0
17	4	3		7	57.1
18	10	2		12	83.3
19	3	4		7	42.9
20	7	3		10	70.0
21-25	18	14		32	56.3
26-30	13	5		18	72.2
31-35	8	10		18	44.4
36-40	11	6		17	64.7
41-45	13	5		18	72.2
46-50	12	10		22	54.5
51-55	6	1		7	85.7
56-60	6	3		9	66.7
61-65	7	3		10	70.0
66-70	5	3		8	62.5
Over 70	9	5		14	64.3
Unknown			2	2	
<b>Total</b>	<b>160</b>	<b>80</b>	<b>2</b>	<b>242</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	131	54.4
Turning Right	18	7.5
Turning Left	32	13.3
Making U-Turn	1	0.4
Slowing-Stopping	14	5.8
Ran Off Road	7	2.9
Stopped in Traffic	16	6.6
Backing	2	0.8
Passing	4	1.7
Changing Lanes	6	2.5
Other	10	4.1
<b>Total</b>	<b>241</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>242</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	227	97.4
Lights		
Brakes	3	1.3
Steering	1	0.4
Tires	1	0.4
Motor		
Other	1	0.4
<b>Total</b>	<b>233</b>	<b>100.0</b>
<b>Not Stated</b>	<b>9</b>	
<b>Grand Total</b>	<b>242</b>	

## The Environment

	Crashe s	Perce nt
<b>Weather</b>		
Clear	165	68.8
Cloudy	46	19.2
Fog	2	0.8
Mist	3	1.3
Rain	24	10.0
Snow		
Sleet		
Smoke/Dust		
Other		
<b>Total</b>	<b>240</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>240</b>	

	Crashe s	Perce nt
<b>Light</b>		
Dawn	4	1.7
Daylight	164	68.6
Dusk	6	2.5
Darkness (road lighted)	46	19.2
Darkness (road unlighted)	19	7.9
<b>Total</b>	<b>239</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>240</b>	

	Crashe s	Perce nt
<b>Traffic Controls</b>		
No Controls	45	18.8
Traffic Signals	58	24.3
Stop Sign	29	12.1
Slow/Warning Sign	3	1.3
Yield Sign	2	0.8
No Passing Zone	11	4.6
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals	1	0.4
Other	90	37.7
<b>Total</b>	<b>239</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>240</b>	

# Virginia Crashes Involving Motorcycles



## In 1999 there were:

- 38 motorcycle occupants killed or 4.3 percent of all traffic fatalities
- 1,189 motorcycle occupants injured or 1.5 percent of all traffic injuries
- 1,320 motorcycle crashes or 0.9 percent of all crashes
  - 39 fatal crashes or 4.9 percent of all fatal crashes
  - 1,101 personal injury crashes or 2.0 percent of all personal injury crashes
  - 180 property damage crashes or 0.2 percent of all property damage crashes
- 72,120 motorcycles were registered in Virginia with 1.9 percent involved in crashes

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	26	2.0
Improper Passing	26	2.0
Left of Center - Not Passing	14	1.1
Failure to Yield	27	2.1
Inattention	205	15.8
Speed too Fast	229	17.6
Improper Turn	12	0.9
Improper Lane Change	1	0.1
Following too Close	43	3.3
Improper Backing		
Illegal or Improper Parking	2	0.2
Lights Not On	1	0.1
Hit and Run	13	1.0
Avoiding Pedestrian	3	0.2
Avoiding Other Vehicle	45	3.5
No Violation	496	38.1
Other	158	12.1
<b>Total</b>	<b>1,301</b>	<b>100.0</b>
<b>Not Stated</b>	<b>53</b>	
<b>Grand Total</b>	<b>1,354</b>	

<b>Drinking</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	1,160	89.0
Drinking - Impaired	70	5.4
Drinking - Not Impaired	18	1.4
Drinking - Impairment Unknown	56	4.3
<b>Total</b>	<b>1,304</b>	<b>100.0</b>
<b>Not Stated</b>	<b>50</b>	
<b>Grand Total</b>	<b>1,354</b>	

<b>Physical</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	1,287	98.5
Physical Defect	8	0.6
Ill	3	0.2
Fatigued	5	0.4
Apparently Asleep		
Other	3	0.2
<b>Total</b>	<b>1,306</b>	<b>100.0</b>
<b>Not Stated</b>	<b>48</b>	
<b>Grand Total</b>	<b>1,354</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	6	2		8	75.0
15	1			1	100.0
16	11	3		14	78.6
17	7	3		10	70.0
18	27	1		28	96.4
19	36	1	1	38	97.3
20	45	2		47	95.7
21-25	264	8		272	97.1
26-30	208	7		215	96.7
31-35	149	8		157	94.9
36-40	144	10		154	93.5
41-45	130	17		147	88.4
46-50	82	10		92	89.1
51-55	67	1		68	98.5
56-60	39	2		41	95.1
61-65	16			16	100.0
66-70	13	1		14	92.9
Over 70	9		4	13	100.0
Unknown			19	19	
<b>Total</b>	<b>1,254</b>	<b>76</b>	<b>24</b>	<b>1,354</b>	



## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	758	56.4
Turning Right	32	2.4
Turning Left	70	5.2
Making U-Turn	7	0.5
Slowing-Stopping	63	4.7
Ran Off Road	277	20.6
Stopped in Traffic	50	3.7
Backing	1	0.1
Passing	27	2.0
Changing Lanes	28	2.1
Other	32	2.4
<b>Total</b>	<b>1,345</b>	<b>100.0</b>
<b>Not Stated</b>	<b>9</b>	
<b>Grand Total</b>	<b>1,354</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	1,256	95.4
Lights	1	0.1
Brakes	12	0.9
Steering	6	0.5
Tires	26	2.0
Motor	3	0.2
Other	13	1.0
<b>Total</b>	<b>1,317</b>	<b>100.0</b>
<b>Not Stated</b>	<b>37</b>	
<b>Grand Total</b>	<b>1,354</b>	

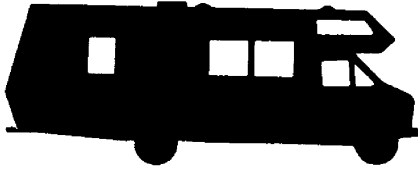
## The Environment

	Crashe s	Perce nt
<b>Weather</b>		
Clear	1,115	84.6
Cloudy	149	11.3
Fog	4	0.3
Mist	9	0.7
Rain	38	2.9
Snow	2	0.2
Sleet		
Smoke/Dust		
Other	1	0.1
<b>Total</b>	<b>1,318</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>1,320</b>	

	Crashe s	Perce nt
<b>Light</b>		
Dawn	19	1.4
Daylight	934	70.9
Dusk	49	3.7
Darkness (road lighted)	168	12.8
Darkness (road unlighted)	147	11.2
<b>Total</b>	<b>1,317</b>	<b>100.0</b>
<b>Not Stated</b>	<b>3</b>	
<b>Grand Total</b>	<b>1,320</b>	

	Crashe s	Perce nt
<b>Traffic Controls</b>		
No Controls	280	21.3
Traffic Signals	166	12.6
Stop Sign	119	9.1
Slow/Warning Sign	21	1.6
Yield Sign	8	0.6
No Passing Zone	155	11.8
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals		
Other	564	43.0
<b>Total</b>	<b>1,313</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>1,320</b>	

# Virginia Crashes Involving Motorhomes/Recreational Vehicles



## In 1999 there were:

- 1 motorhome/recreational vehicle occupant killed or 0.1 percent of all traffic fatalities
- 21 motorhome/recreational vehicle occupants injured or 0.0 percent of all traffic injuries
- 140 motorhome/recreational vehicle crashes or 0.1 percent of all crashes
  - 2 fatal crashes or 0.3 percent of all fatal crashes
  - 48 personal injury crashes or 0.1 percent of all personal injury crashes
  - 90 property damage crashes or 0.1 percent of all property damage crashes
- 15,313 motorhomes were registered in Virginia with 0.9 percent involved in crashes

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	2	1.4
Improper Passing	2	1.4
Left of Center - Not Passing	2	1.4
Failure to Yield	13	9.4
Inattention	21	15.2
Speed too Fast	5	3.6
Improper Turn	6	4.3
Improper Lane Change	3	2.2
Following too Close	10	7.2
Improper Backing	2	1.4
Illegal or Improper Parking	2	1.4
Lights Not On	2	1.4
Hit and Run	1	0.7
Avoiding Pedestrian	2	1.4
Avoiding Other Vehicle	6	4.3
No Violation	52	37.7
Other	7	5.1
<b>Total</b>	<b>138</b>	<b>100.0</b>
<b>Not Stated</b>	<b>3</b>	
<b>Grand Total</b>	<b>141</b>	

	Drivers	Percent
<b>Drinking</b>		
<b>Driver Condition</b>		
Not Impaired	130	96.3
Drinking - Impaired	3	2.2
Drinking - Not Impaired		
Drinking - Impairment Unknown	2	1.5
<b>Total</b>	<b>135</b>	<b>100.0</b>
<b>Not Stated</b>	<b>6</b>	
<b>Grand Total</b>	<b>141</b>	

	Drivers	Percent
<b>Physical</b>		
<b>Driver Condition</b>		
Not Impaired	131	97.8
Physical Defect	1	0.7
Ill		
Fatigued	1	0.7
Apparently Asleep	1	0.7
Other		
<b>Total</b>	<b>134</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>141</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	1			1	100.0
15					
16					
17		1		1	
18	2			2	100.0
19	1			1	100.0
20		1		1	
21-25	5	1		6	83.3
26-30	7	1		8	87.5
31-35	11	1		12	91.7
36-40	6	1		7	85.7
41-45	9	4		13	69.2
46-50	7	2		9	77.8
51-55	11	2		13	84.6
56-60	18	2		20	90.0
61-65	17	1		18	94.4
66-70	7			7	100.0
Over 70	17	1	1	19	94.4
Unknown			3	3	
<b>Total</b>	<b>119</b>	<b>18</b>	<b>4</b>	<b>141</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	57	41.3
Turning Right	6	4.3
Turning Left	16	11.6
Making U-Turn	1	0.7
Slowing-Stopping	10	7.2
Ran Off Road	15	10.9
Stopped in Traffic	6	4.3
Backing	2	1.4
Passing	1	0.7
Changing Lanes	20	14.5
Other	4	2.9
<b>Total</b>	<b>138</b>	<b>100.0</b>
<b>Not Stated</b>	<b>3</b>	
<b>Grand Total</b>	<b>141</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	124	92.5
Lights	3	2.2
Brakes	1	0.7
Steering	1	0.7
Tires	2	1.5
Motor	1	0.7
Other	2	1.5
<b>Total</b>	<b>134</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>141</b>	

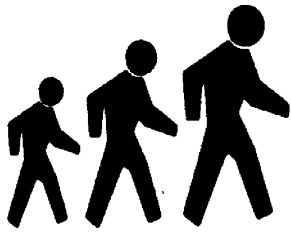
## The Environment

	Crashe s	Perce nt
<b>Weather</b>		
Clear	93	67.4
Cloudy	25	18.1
Fog	1	0.7
Mist	2	1.4
Rain	17	12.3
Snow		
Sleet		
Smoke/Dust		
Other		
<b>Total</b>	<b>138</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>140</b>	

	Crashe s	Perce nt
<b>Light</b>		
Dawn	3	2.2
Daylight	100	71.9
Dusk	6	4.3
Darkness (road lighted)	14	10.1
Darkness (road unlighted)	16	11.5
<b>Total</b>	<b>139</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>140</b>	

	Crashe s	Perce nt
<b>Traffic Controls</b>		
No Controls	22	15.9
Traffic Signals	17	12.3
Stop Sign	6	4.3
Slow/Warning Sign		
Yield Sign	1	0.7
No Passing Zone	13	9.4
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals		
Other	79	57.2
<b>Total</b>	<b>138</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>140</b>	

# Virginia Crashes Involving Pedestrians



## In 1999 there were:

- 87 pedestrians killed in pedestrian/motor vehicle crashes or 9.9 percent of all traffic fatalities
- 2,068 pedestrians injured in pedestrian/motor vehicle crashes or 2.5 percent of all traffic injuries
- 2,045 pedestrian/motor vehicle crashes or 1.5 percent of all crashes
  - 87 fatal crashes or 11.0 percent of all fatal crashes
  - 1,958 personal injury crashes or 3.6 percent of all personal injury crashes

## The Pedestrian

	Pedestrians	Percent
<b>Pedestrian Action</b>		
Crossing Against Signal	91	4.4
Crossing Not At Crosswalk	465	22.4
Crossing With Signal	124	6.0
Walking With Traffic	135	6.5
Walking Against Traffic	55	2.7
Came Onto Road Between Parked Cars	152	7.3
Getting On Or Off Vehicle	37	1.8
Working On Road	61	2.9
Standing Or Lying On Road	129	6.2
Other	824	39.7
<b>Total</b>	<b>2,073</b>	<b>100.0</b>
<b>Not Stated</b>	<b>82</b>	
<b>Grand Total</b>	<b>2,155</b>	

Drinking	Pedestrians	Percent
<b>Pedestrian Condition</b>		
Not Impaired	1,671	87.1
Drinking - Impaired	150	7.8
Drinking - Not Impaired	19	1.0
Drinking - Impairment Unknown	79	4.1
<b>Total</b>	<b>1,919</b>	<b>100.0</b>
<b>Not Stated</b>	<b>236</b>	
<b>Grand Total</b>	<b>2,155</b>	

Physical	Pedestrians	Percent
<b>Pedestrian Condition</b>		
Not Impaired	1,789	93.3
Physical Defect	50	2.6
Ill	7	0.4
Fatigued	15	0.8
Apparently Asleep	1	0.1
Other	56	2.9
<b>Total</b>	<b>1,918</b>	<b>100.0</b>
<b>Not Stated</b>	<b>237</b>	
<b>Grand Total</b>	<b>2,155</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 5	56	28		84	66.7
5-9	124	72		196	63.3
10-14	116	80		196	59.2
15	26	11		37	70.3
16	27	25		52	51.9
17	31	21		52	59.6
18	26	32		58	44.8
19	26	16		42	61.9
20	29	21		50	58.0
21-25	105	72		177	59.3
26-30	92	66		158	58.2
31-35	110	56		166	66.3
36-40	101	72		173	58.4
41-45	108	75		183	59.0
46-50	79	50		129	61.2
51-55	55	43		98	56.1
56-60	35	29		64	54.7
61-65	25	17		42	59.5
66-70	32	19		51	62.7
Over 70	57	59		116	49.1
Unknown	15	15	1	31	
<b>Total</b>	<b>1,275</b>	<b>879</b>	<b>1</b>	<b>2,155</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	1,306	61.8
Turning Right	147	7.0
Turning Left	187	8.9
Making U-Turn	4	0.2
Slowing-Stopping	51	2.4
Ran Off Road	48	2.3
Stopped in Traffic	42	2.0
Backing	161	7.6
Passing	21	1.0
Changing Lanes	15	0.7
Other	130	6.2
<b>Total</b>	<b>2,112</b>	<b>100.0</b>
<b>Not Stated</b>	<b>52</b>	
<b>Grand Total</b>	<b>2,164</b>	

**NOTE:** This format for pedestrians is based on action of the vehicle striking pedestrian.

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	1,835	97.6
Lights	2	0.1
Brakes	6	0.3
Steering	6	0.3
Tires	9	0.5
Motor	9	0.5
Other	14	0.7
<b>Total</b>	<b>1,881</b>	<b>100.0</b>
<b>Not Stated</b>	<b>283</b>	
<b>Grand Total</b>	<b>2,164</b>	

## The Environment

	Crashe s	Percen t
<b>Weather</b>		
Clear	1,561	76.7
Cloudy	266	13.1
Fog	6	0.3
Mist	44	2.2
Rain	140	6.9
Snow	11	0.5
Sleet	5	0.2
Smoke/Dust		
Other	3	0.1
<b>Total</b>	<b>2,036</b>	<b>100.0</b>
<b>Not Stated</b>	<b>9</b>	
<b>Grand Total</b>	<b>2,045</b>	

	Crashe s	Percen t
<b>Light</b>		
Dawn	48	2.4
Daylight	1,197	58.8
Dusk	80	3.9
Darkness (road lighted)	478	23.5
Darkness (road unlighted)	234	11.5
<b>Total</b>	<b>2,037</b>	<b>100.0</b>
<b>Not Stated</b>	<b>8</b>	
<b>Grand Total</b>	<b>2,045</b>	

	Crashe s	Percen t
<b>Traffic Controls</b>		
No Controls	775	38.6
Traffic Signals	330	16.4
Stop Sign	104	5.2
Slow/Warning Sign	14	0.7
Yield Sign	72	3.6
No Passing Zone	9	0.4
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals		
Other	703	35.0
<b>Total</b>	<b>2,007</b>	<b>100.0</b>
<b>Not Stated</b>	<b>38</b>	
<b>Grand Total</b>	<b>2,045</b>	

# Virginia Crashes Involving Pickup and Passenger Trucks



## In 1999 there were:

- 165 pickup/passenger truck occupants killed or 18.8 percent of all traffic fatalities
- 12,668 pickup/passenger truck occupants injured or 15.6 percent of all traffic injuries
- 44,714 pick-up/passenger truck crashes or 32.0 percent of all crashes
  - 264 fatal crashes or 33.2 percent of all fatal crashes
  - 16,950 personal injury crashes or 30.8 percent of all personal injury crashes
  - 27,500 property damage crashes or 32.9 percent of all property damage crashes
- 970,950 pickup/passenger trucks were registered in Virginia with 5.2 percent involved in crashes.

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	1,413	2.9
Improper Passing	362	0.7
Left of Center - Not Passing	613	1.3
Failure to Yield	3,806	7.8
Inattention	6,515	13.4
Speed too Fast	3,132	6.4
Improper Turn	708	1.5
Improper Lane Change	276	0.6
Following too Close	4,268	8.8
Improper Backing	483	1.0
Illegal or Improper Parking	74	0.2
Lights Not On	21	
Hit and Run	720	1.5
Avoiding Pedestrian	29	0.1
Avoiding Other Vehicle	872	1.8
No Violation	22,311	45.8
Other	3,161	6.5
<b>Total</b>	<b>48,764</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1,499</b>	
<b>Grand Total</b>	<b>50,263</b>	

	Drivers	Percent
<b>Drinking</b>		
<b>Driver Condition</b>		
Not Impaired	46,002	94.1
Drinking - Impaired	1,899	3.9
Drinking - Not Impaired	429	0.9
Drinking - Impairment Unknown	569	1.2
<b>Total</b>	<b>48,899</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1,364</b>	
<b>Grand Total</b>	<b>50,263</b>	

	Drivers	Percent
<b>Physical</b>		
<b>Driver Condition</b>		
Not Impaired	47,669	97.7
Physical Defect	262	0.5
Ill	139	0.3
Fatigued	149	0.3
Apparently Asleep	460	0.9
Other	134	0.3
<b>Total</b>	<b>48,813</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1,450</b>	
<b>Grand Total</b>	<b>50,263</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	14	9		23	60.9
15	43	26		69	62.3
16	954	327		1,281	74.5
17	983	343	1	1,327	74.1
18	1,116	322		1,438	77.6
19	1,140	261	1	1,402	81.4
20	1,062	263		1,325	80.2
21-25	4,505	1,212	1	5,718	78.8
26-30	4,347	1,415	1	5,763	75.4
31-35	4,532	1,467	1	6,000	75.5
36-40	4,734	1,593		6,327	74.8
41-45	3,891	1,173		5,064	76.8
46-50	3,164	854	1	4,019	78.7
51-55	2,624	637		3,261	80.5
56-60	1,898	363		2,261	83.9
61-65	1,332	166		1,498	88.9
66-70	1,013	116		1,129	89.7
Over 70	1,290	134	89	1,513	90.6
Unknown	12	1	832	845	
<b>Total</b>	<b>38,654</b>	<b>10,682</b>	<b>927</b>	<b>50,263</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	23,795	47.6
Turning Right	1,605	3.2
Turning Left	4,758	9.5
Making U-Turn	213	0.4
Slowing-Stopping	3,877	7.7
Ran Off Road	5,097	10.2
Stopped in Traffic	6,843	13.7
Backing	737	1.5
Passing	385	0.8
Changing Lanes	1,219	2.4
Other	1,501	3.0
<b>Total</b>	<b>50,030</b>	<b>100.0</b>
<b>Not Stated</b>	<b>233</b>	
<b>Grand Total</b>	<b>50,263</b>	

	Vehicles	Percent
<b>Vehicles Defect</b>		
No Defect	48,195	98.1
Lights	67	0.1
Brakes	258	0.5
Steering	108	0.2
Tires	232	0.5
Motor	51	0.1
Other	195	0.4
<b>Total</b>	<b>49,106</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1,157</b>	
<b>Grand Total</b>	<b>50,263</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	29,191	65.5
Cloudy	7,462	16.7
Fog	349	0.8
Mist	1,217	2.7
Rain	5,399	12.1
Snow	725	1.6
Sleet	191	0.4
Smoke/Dust	4	
Other	29	0.1
<b>Total</b>	<b>44,567</b>	<b>100.0</b>
<b>Not Stated</b>	<b>147</b>	
<b>Grand Total</b>	<b>44,714</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	1,108	2.5
Daylight	32,209	72.2
Dusk	1,299	2.9
Darkness (road lighted)	4,592	10.3
Darkness (road unlighted)	5,418	12.1
<b>Total</b>	<b>44,626</b>	<b>100.0</b>
<b>Not Stated</b>	<b>88</b>	
<b>Grand Total</b>	<b>44,714</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	7,085	15.9
Traffic Signals	9,462	21.3
Stop Sign	4,296	9.7
Slow/Warning Sign	306	0.7
Yield Sign	634	1.4
No Passing Zone	4,149	9.3
R. R. Warning Sign	19	
R. R. Signals	14	
R. R. Gate and Signals	16	
Other	18,457	41.5
<b>Total</b>	<b>44,438</b>	<b>100.0</b>
<b>Not Stated</b>	<b>276</b>	
<b>Grand Total</b>	<b>44,714</b>	

# Virginia Crashes Involving Safety Restraints



In 1999 there were:

	Restraints							Total	Not Stated	Grand Total
	No Restraints	Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other			
Fatalities	438	10	13	203	8	26	1	699	27	726
Percent	62.7	1.4	1.9	29.0	1.1	3.7	0.1	100.0		
Injuries	12,216	3,198	2,106	52,028	940	1,846	186	72,520	2,268	74,788
Percent	16.8	4.4	2.9	71.7	1.3	2.5	0.3	100.0		
Total	12,654	3,208	2,119	52,231	948	1,872	187	73,219	2,295	75,514
Percent	17.3	4.4	2.9	71.3	1.3	2.6	0.3	100.0		

Note: This excludes fatalities and injuries in vehicles not equipped with safety restraints, such as motorcycles, mopeds, bicycles and buses.

## Fatalities

Age	Restraints							Total	Not Stated	Grand Total
	No Restraints	Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other			
Under 1	1				5			6		6
1	1				2			3		3
2	1				1			2		2
3	1							1		1
4	1	1						2		2
5-9	3			1		1		5		5
10-14	11	1		1				13		13
15	2	1	1	1		1		6		6
16	12		1	2				15	1	16
17	15	1		14				30		30
18	10			3				13	2	15
19	13	3		3		2		21		21
20	16			5		1		22		22
21-25	63		1	20		4		88	6	94
26-30	44			11		3	1	59	2	61
31-35	38			11		2		51		51
36-40	34		1	15		2		52	2	54
41-45	42		1	11		1		55	2	57
46-50	34	1		17		1		53	2	55
51-55	16		1	10				27	2	29
56-60	20		3	12		2		37	1	38
61-65	9			13				22	2	24
66-70	10	1		9		2		22	2	24
Over 70	37	1	4	43		4		89	3	92
Unknown	4			1				5		5



## Injuries

Age	No Restraints	Restraints						Total	Not Stated	Grand Total
		Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other			
Under 1	15	4	2	18	260	2	2	303	3	306
1	23	13	3	24	217	3	1	284	5	289
2	40	19	1	32	184			276	4	280
3	38	35	3	61	136	1	1	275	1	276
4	53	68	1	169	79	2		372	6	378
5-9	286	343	32	1,013	42	10	9	1,735	43	1,778
10-14	550	269	52	1,299		25	3	2,198	59	2,257
15	274	67	22	526		13		,902	20	922
16	589	104	83	1,706		69	3	2,554	58	2,612
17	699	109	84	1,857		67	2	2,818	75	2,893
18	760	108	94	1,861		73	3	2,899	83	2,982
19	693	87	82	1,810		76	6	2,754	67	2,821
20	551	78	87	1,540		65	9	2,330	74	2,404
21-25	1,809	272	266	6,179		260	21	8,807	330	9,137
26-30	1,239	229	228	5,370		217	26	7,309	246	7,555
31-35	996	251	187	5,161		180	19	6,794	207	7,001
36-40	941	237	207	5,024		175	13	6,597	226	6,823
41-45	693	203	167	4,252		135	15	5,465	182	5,647
46-50	574	192	151	4,265		118	15	5,315	163	5,478
51-55	281	105	78	2,211		71	8	2,754	80	2,834
56-60	259	111	61	2,086		63	7	2,587	70	2,657
61-65	191	79	53	1,440		47	5	1,815	65	1,880
66-70	171	47	49	1,203		43	7	1,520	45	1,565
Over 70	348	101	73	2,522		114	7	3,165	97	3,262
Unknown	143	67	40	399	22	17	4	692	59	751

## Total Fatalities and Injuries

Age	No Restraints	Restraints						Total	Not Stated	Grand Total
		Lap Belt	Harness	Lap Belt & Harness	Child Safety Seat	Air Bag	Other			
Under 1	16	4	2	18	265	2	2	309	3	312
1	24	13	3	24	219	3	1	287	5	292
2	41	19	1	32	185			278	4	282
3	39	35	3	61	136	1	1	276	1	277
4	54	69	1	169	79	2		374	6	380
5-9	289	343	32	1,014	42	11	9	1,740	43	1,783
10-14	561	270	52	1,300		25	3	2,211	59	2,270
15	276	68	23	527		14		908	20	928
16	601	104	84	1,708		69	3	2,569	59	2,628
17	714	110	84	1,871		67	2	2,848	75	2,923
18	770	108	94	1,864		73	3	2,912	85	2,997
19	706	90	82	1,813		78	6	2,775	67	2,842
20	567	78	87	1,545		66	9	2,352	74	2,426
21-25	1,872	272	267	6,199		264	21	8,895	336	9,231
26-30	1,283	229	228	5,381		220	27	7,368	248	7,616
31-35	1,034	251	187	5,172		182	19	6,845	207	7,052
36-40	975	237	208	5,039		177	13	6,649	228	6,877
41-45	735	203	168	4,263		136	15	5,520	184	5,704
46-50	608	193	151	4,282		119	15	5,368	165	5,533
51-55	297	105	79	2,221		71	8	2,781	82	2,863
56-60	279	111	64	2,098		65	7	2,624	71	2,695
61-65	200	79	53	1,453		47	5	1,837	67	1,904
66-70	181	48	49	1,212		45	7	1,542	47	1,589
Over 70	385	102	77	2,565		118	7	3,254	100	3,354
Unknown	147	67	40	400	22	17	4	697	59	756

# Virginia Crashes Involving School Buses



## In 1999 there were:

- 1 school bus occupant killed or 0.1 percent of all traffic fatalities
- 356 school bus occupants injured or 0.4 percent of all traffic injuries
- 596 school bus crashes or 0.4 percent of all crashes
  - 4 fatal crashes or 0.5 percent of all fatal crashes
  - 202 personal injury crashes or 0.4 percent of all personal injury crashes
  - 390 property damage crashes or 0.5 percent of all property damage crashes
- 17,430 school buses were registered in Virginia with 3.5 percent involved in crashes
  - 0 persons were killed getting on or off of school buses
  - 0 persons were injured getting on or off of school buses

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	6	1.0
Improper Passing	2	0.3
Left of Center - Not Passing	12	2.0
Failure to Yield	43	7.3
Inattention	84	14.2
Speed too Fast	8	1.4
Improper Turn	29	4.9
Improper Lane Change	2	0.3
Following too Close	20	3.4
Improper Backing	30	5.1
Illegal or Improper Parking	2	0.3
Lights Not On		
Hit and Run	2	0.3
Avoiding Pedestrian	1	0.2
Avoiding Other Vehicle	8	1.4
No Violation	325	55.1
Other	16	2.7
<b>Total</b>	<b>590</b>	<b>100.0</b>
<b>Not Stated</b>	<b>23</b>	
<b>Grand Total</b>	<b>613</b>	

	Drivers	Percent
<b>Drinking</b>		
<b>Driver Condition</b>		
Not Impaired	604	99.8
Drinking - Impaired		
Drinking - Not Impaired		
Drinking - Impairment Unknown	1	0.2
<b>Total</b>	<b>605</b>	<b>100.0</b>
<b>Not Stated</b>	<b>8</b>	
<b>Grand Total</b>	<b>613</b>	

	Drivers	Percent
<b>Physical</b>		
<b>Driver Condition</b>		
Not Impaired	603	99.5
Physical Defect	1	0.2
Ill	1	0.2
Fatigued		
Apparently Asleep	1	0.2
Other		
<b>Total</b>	<b>606</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>613</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15					
15					
16					
17		1		1	
18	1			1	100.0
19	1			1	100.0
20	1			1	100.0
21-25	6	19		25	24.0
26-30	7	48		55	12.7
31-35	6	61		67	9.0
36-40	17	73		90	18.9
41-45	15	59		74	20.3
46-50	18	47		65	27.7
51-55	29	56		85	34.1
56-60	26	36		62	41.9
61-65	27	17		44	61.4
66-70	14	11		25	56.0
Over 70	9	3		12	75.0
Unknown			5	5	
<b>Total</b>	<b>177</b>	<b>431</b>	<b>5</b>	<b>613</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	226	37.0
Turning Right	39	6.4
Turning Left	92	15.1
Making U-Turn	3	0.5
Slowing-Stopping	36	5.9
Ran Off Road	20	3.3
Stopped in Traffic	117	19.1
Backing	47	7.7
Passing	2	0.3
Changing Lanes	8	1.3
Other	21	3.4
<b>Total</b>	<b>611</b>	<b>100.0</b>
<b>Not Stated</b>	<b>2</b>	
<b>Grand Total</b>	<b>613</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	601	99.2
Lights		
Brakes	3	0.5
Steering		
Tires		
Motor		
Other	2	0.3
<b>Total</b>	<b>606</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>613</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	395	66.4
Cloudy	105	17.6
Fog	8	1.3
Mist	16	2.7
Rain	56	9.4
Snow	11	1.8
Sleet	3	0.5
Smoke/Dust		
Other	1	0.2
<b>Total</b>	<b>595</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>596</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	20	3.4
Daylight	554	93.1
Dusk	9	1.5
Darkness (road lighted)	7	1.2
Darkness (road unlighted)	5	0.8
<b>Total</b>	<b>595</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>596</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	165	28.0
Traffic Signals	90	15.3
Stop Sign	104	17.6
Slow/Warning Sign	4	0.7
Yield Sign	10	1.7
No Passing Zone	34	5.8
R. R. Warning Sign	4	0.7
R. R. Signals	1	0.2
R. R. Gate and Signals		
Other	178	30.2
<b>Total</b>	<b>590</b>	<b>100.0</b>
<b>Not Stated</b>	<b>6</b>	
<b>Grand Total</b>	<b>596</b>	

# Virginia Crashes Involving Trains/Vehicles



## In 1999 there were:

- 0 persons killed in train/vehicle crashes or 0.0 percent of all traffic fatalities
- 32 persons injured in train/vehicle crashes or 0.0 percent of all traffic injuries
- 34 train/vehicle crashes or 0.0 percent of all crashes
  - 0 fatal crashes or 0.0 percent of all fatal crashes
  - 17 personal injury crashes or 0.0 percent of all personal injury crashes
  - 17 property damage crashes or 0.0 percent of all property damage crashes

NOTE: Bicycles, mopeds, and pedestrians are included only when a motor vehicle is involved

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	4	9.5
Improper Passing		
Left of Center - Not Passing	1	2.4
Failure to Yield	3	7.1
Inattention	14	33.3
Speed too Fast	1	2.4
Improper Turn		
Improper Lane Change		
Following too Close		
Improper Backing		
Illegal or Improper Parking		
Lights Not On		
Hit and Run	1	2.4
Avoiding Pedestrian		
Avoiding Other Vehicle	1	2.4
No Violation	10	23.8
Other	7	16.7
<b>Total</b>	<b>42</b>	<b>100.0</b>
<b>Not Stated</b>	<b>1</b>	
<b>Grand Total</b>	<b>43</b>	

<b>Drinking</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	33	86.8
Drinking - Impaired	5	13.2
Drinking - Not Impaired		
Drinking - Impairment Unknown		
<b>Total</b>	<b>38</b>	<b>100.0</b>
<b>Not Stated</b>	<b>5</b>	
<b>Grand Total</b>	<b>43</b>	

<b>Physical</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	36	100.0
Physical Defect		
Ill		
Fatigued		
Apparently Asleep		
Other		
<b>Total</b>	<b>36</b>	<b>100.0</b>
<b>Not Stated</b>	<b>7</b>	
<b>Grand Total</b>	<b>43</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15					
15					
16	1	1		2	50.0
17					
18		1		1	
19					
20	3			3	100.0
21-25	2	1		3	66.7
26-30		2		2	
31-35	3			3	100.0
36-40	2	2		4	50.0
41-45	4	2		6	66.7
46-50	1	1		2	50.0
51-55	4			4	100.0
56-60	1	1		2	50.0
61-65	3			3	100.0
66-70	1	1		2	50.0
Over 70	3			3	100.0
Unknown			3	3	
<b>Total</b>	<b>28</b>	<b>12</b>	<b>3</b>	<b>43</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	24	55.8
Turning Right	2	4.7
Turning Left	1	2.3
Making U-Turn		
Slowing-Stopping		
Ran Off Road	6	14.0
Stopped in Traffic	6	14.0
Backing		
Passing		
Changing Lanes		
Other	4	9.3
<b>Total</b>	<b>43</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>43</b>	
	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	38	100.0
Lights		
Brakes		
Steering		
Tires		
Motor		
Other		
<b>Total</b>	<b>38</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>43</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	27	79.4
Cloudy	5	14.7
Fog		
Mist		
Rain	1	2.9
Snow	1	2.9
Sleet		
Smoke/Dust		
Other		
<b>Total</b>	<b>34</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>34</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	2	5.9
Daylight	16	47.1
Dusk	1	2.9
Darkness (road lighted)	5	14.7
Darkness (road unlighted)	10	29.4
<b>Total</b>	<b>34</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>34</b>	
	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	2	5.9
Traffic Signals		
Stop Sign		
Slow/Warning Sign	1	2.9
Yield Sign		
No Passing Zone		
R. R. Warning Sign	8	23.5
R. R. Signals	13	38.2
R. R. Gate and Signals	8	23.5
Other	2	5.9
<b>Total</b>	<b>34</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>34</b>	

# Virginia Crashes Involving Straight Trucks



## In 1999 there were:

- 5 straight truck occupants killed or 0.6 percent of all traffic fatalities
- 539 straight truck occupants injured or 0.7 percent of all traffic injuries
- 4,022 straight truck crashes or 2.9 percent of all crashes
  - 36 fatal crashes or 4.5 percent of all fatal crashes
  - 1,382 personal injury crashes or 2.5 percent of all personal injury crashes
  - 2,604 property damage crashes or 3.1 percent of all property damage crashes
  - 278 covered straight truck crashes or 6.9 percent of all straight truck crashes
  - 26 hazardous material straight truck crashes or 0.6 percent of all straight truck crashes
- 39 persons were killed in straight truck crashes, 34 (87.2 percent) were not straight truck occupants
- 208,599 straight trucks were registered in Virginia with 2.0 percent involved in crashes

NOTE: The category of straight trucks includes: straight, flat bed, dump, and tractor(w/o trailer) trucks and wreckers

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	80	2.0
Improper Passing	40	1.0
Left of Center - Not Passing	36	0.9
Failure to Yield	267	6.6
Inattention	597	14.8
Speed too Fast	178	4.4
Improper Turn	141	3.5
Improper Lane Change	76	1.9
Following too Close	292	7.2
Improper Backing	149	3.7
Illegal or Improper Parking	8	0.2
Lights Not On	1	
Hit and Run	66	1.6
Avoiding Pedestrian	1	
Avoiding Other Vehicle	127	3.1
No Violation	1,653	40.9
Other	327	8.1
<b>Total</b>	<b>4,039</b>	<b>100.0</b>
<b>Not Stated</b>	<b>131</b>	
<b>Grand Total</b>	<b>4,170</b>	

Drinking	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	3,971	98.4
Drinking - Impaired	43	1.1
Drinking - Not Impaired	13	0.3
Drinking - Impairment Unknown	8	0.2
<b>Total</b>	<b>4,035</b>	<b>100.0</b>
<b>Not Stated</b>	<b>135</b>	
<b>Grand Total</b>	<b>4,170</b>	

Physical	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	3,971	98.7
Physical Defect	15	0.4
Ill	1	
Fatigued	14	0.3
Apparently Asleep	19	0.5
Other	3	0.1
<b>Total</b>	<b>4,023</b>	<b>100.0</b>
<b>Not Stated</b>	<b>147</b>	
<b>Grand Total</b>	<b>4,170</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	1			1	100.0
15	3			3	100.0
16	13	4		17	76.5
17	12			12	100.0
18	26	4		30	86.7
19	51	6		57	89.5
20	58	3		61	95.1
21-25	404	18		422	95.7
26-30	533	34		567	94.0
31-35	567	40		607	93.4
36-40	566	33		599	94.5
41-45	517	40		557	92.8
46-50	369	15		384	96.1
51-55	299	4		303	98.7
56-60	200	4		204	98.0
61-65	112	7		119	94.1
66-70	67	1		68	98.5
Over 70	50	3	2	55	94.3
Unknown	4		100	104	
<b>Total</b>	<b>3,852</b>	<b>216</b>	<b>102</b>	<b>4,170</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	1,908	46.1
Turning Right	273	6.6
Turning Left	330	8.0
Making U-Turn	26	0.6
Slowing-Stopping	296	7.1
Ran Off Road	310	7.5
Stopped in Traffic	361	8.7
Backing	211	5.1
Passing	31	0.7
Changing Lanes	234	5.6
Other	163	3.9
<b>Total</b>	<b>4,143</b>	<b>100.0</b>
<b>Not Stated</b>	<b>27</b>	
<b>Grand Total</b>	<b>4,170</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	3,818	94.5
Lights	14	0.3
Brakes	98	2.4
Steering	17	0.4
Tires	34	0.8
Motor	7	0.2
Other	51	1.3
<b>Total</b>	<b>4,039</b>	<b>100.0</b>
<b>Not Stated</b>	<b>131</b>	
<b>Grand Total</b>	<b>4,170</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	2,774	69.1
Cloudy	635	15.8
Fog	28	0.7
Mist	83	2.1
Rain	416	10.4
Snow	58	1.4
Sleet	15	0.4
Smoke/Dust		
Other	3	0.1
<b>Total</b>	<b>4,012</b>	<b>100.0</b>
<b>Not Stated</b>	<b>10</b>	
<b>Grand Total</b>	<b>4,022</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	114	2.8
Daylight	3,330	83.0
Dusk	67	1.7
Darkness (road lighted)	243	6.1
Darkness (road unlighted)	260	6.5
<b>Total</b>	<b>4,014</b>	<b>100.0</b>
<b>Not Stated</b>	<b>8</b>	
<b>Grand Total</b>	<b>4,022</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	576	14.4
Traffic Signals	769	19.3
Stop Sign	321	8.0
Slow/Warning Sign	43	1.1
Yield Sign	43	1.1
No Passing Zone	280	7.0
R. R. Warning Sign	1	
R. R. Signals	1	
R. R. Gate and Signals	6	0.2
Other	1,953	48.9
<b>Total</b>	<b>3,993</b>	<b>100.0</b>
<b>Not Stated</b>	<b>29</b>	
<b>Grand Total</b>	<b>4,022</b>	

# Virginia Crashes Involving Tractor-Trailers



## In 1999 there were:

- 15 tractor-trailer occupants killed or 1.7 percent of all traffic fatalities
- 575 tractor-trailer occupants injured or 0.7 percent of all traffic injuries
- 4,688 tractor-trailer crashes or 3.4 percent of all crashes
  - 64 fatal crashes or 8.1 percent of all fatal crashes
  - 1,621 personal injury crashes or 2.9 percent of all personal injury crashes
  - 3,003 property damage crashes or 3.6 percent of all property damage crashes
  - 1,011 covered tractor-trailer crashes or 21.6 percent of all tractor-trailer crashes
  - 70 hazardous material tractor-trailer crashes or 1.5 percent of all tractor-trailer crashes
- 73 persons were killed in tractor-trailer crashes. 58 ( 79.5 percent) were not tractor-trailer occupants.
- 167,900 tractor-trailers were registered in Virginia with 2.9 percent involved in crashes

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	53	1.1
Improper Passing	46	1.0
Left of Center - Not Passing	56	1.2
Failure to Yield	196	4.1
Inattention	758	15.7
Speed too Fast	348	7.2
Improper Turn	244	5.0
Improper Lane Change	241	5.0
Following too Close	293	6.1
Improper Backing	99	2.0
Illegal or Improper Parking	16	0.3
Lights Not On	1	
Hit and Run	96	2.0
Avoiding Pedestrian		
Avoiding Other Vehicle	149	3.1
No Violation	1,965	40.6
Other	277	5.7
<b>Total</b>	<b>4,838</b>	<b>100.0</b>
<b>Not Stated</b>	<b>111</b>	
<b>Grand Total</b>	<b>4,949</b>	

<b>Drinking</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	4,722	99.3
Drinking - Impaired	24	0.5
Drinking - Not Impaired	4	0.1
Drinking - Impairment Unknown	6	0.1
<b>Total</b>	<b>4,756</b>	<b>100.0</b>
<b>Not Stated</b>	<b>193</b>	
<b>Grand Total</b>	<b>4,949</b>	

<b>Physical</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	4,649	97.7
Physical Defect	11	0.2
Ill	13	0.3
Fatigued	22	0.5
Apparently Asleep	55	1.2
Other	7	0.1
<b>Total</b>	<b>4,757</b>	<b>100.0</b>
<b>Not Stated</b>	<b>192</b>	
<b>Grand Total</b>	<b>4,949</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	2			2	100.0
15					
16		2		2	
17					
18	6	1		7	85.7
19	11	1		12	91.7
20	11			11	100.0
21-25	323	10		333	97.0
26-30	615	15		630	97.6
31-35	709	24		733	96.7
36-40	703	28		731	96.2
41-45	688	29		717	96.0
46-50	573	20		593	96.6
51-55	456	9		465	98.1
56-60	330	3		333	99.1
61-65	144	2		146	98.6
66-70	38			38	100.0
Over 70	30		3	33	100.0
Unknown	4	1	158	163	
<b>Total</b>	<b>4,643</b>	<b>145</b>	<b>161</b>	<b>4,949</b>	



## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	2,090	42.5
Turning Right	377	7.7
Turning Left	346	7.0
Making U-Turn	33	0.7
Slowing-Stopping	302	6.1
Ran Off Road	533	10.8
Stopped in Traffic	251	5.1
Backing	133	2.7
Passing	76	1.5
Changing Lanes	631	12.8
Other	145	2.9
<b>Total</b>	<b>4,917</b>	<b>100.0</b>
<b>Not Stated</b>	<b>32</b>	
<b>Grand Total</b>	<b>4,949</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	4,607	96.7
Lights	13	0.3
Brakes	63	1.3
Steering	11	0.2
Tires	31	0.7
Motor	3	0.1
Other	38	0.8
<b>Total</b>	<b>4,766</b>	<b>100.0</b>
<b>Not Stated</b>	<b>183</b>	
<b>Grand Total</b>	<b>4,949</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	3,026	64.7
Cloudy	899	19.2
Fog	46	1.0
Mist	89	1.9
Rain	460	9.8
Snow	131	2.8
Sleet	20	0.4
Smoke/Dust		
Other	6	0.1
<b>Total</b>	<b>4,677</b>	<b>100.0</b>
<b>Not Stated</b>	<b>11</b>	
<b>Grand Total</b>	<b>4,688</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	124	2.7
Daylight	3,436	73.5
Dusk	74	1.6
Darkness (road lighted)	304	6.5
Darkness (road unlighted)	737	15.8
<b>Total</b>	<b>4,675</b>	<b>100.0</b>
<b>Not Stated</b>	<b>13</b>	
<b>Grand Total</b>	<b>4,688</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	375	8.0
Traffic Signals	600	12.9
Stop Sign	272	5.8
Slow/Warning Sign	61	1.3
Yield Sign	39	0.8
No Passing Zone	307	6.6
R. R. Warning Sign	6	0.1
R. R. Signals	3	0.1
R. R. Gate and Signals	2	
Other	3,001	64.3
<b>Total</b>	<b>4,666</b>	<b>100.0</b>
<b>Not Stated</b>	<b>22</b>	
<b>Grand Total</b>	<b>4,688</b>	

# Virginia Crashes Involving Tractor Twin-Trailers



## In 1999 there were:

- 0 tractor twin-trailer occupants killed or 0.0 percent of all traffic fatalities
- 7 tractor twin-trailer occupants injured or 0.0 percent of all traffic injuries
- 25 tractor twin-trailer crashes or 0.0 percent of all crashes
  - 0 fatal crashes or 0.0 percent of all fatal crashes
  - 10 personal injury crashes or 0.0 percent of all personal injury crashes
  - 15 property damage crashes or 0.0 percent of all property damage crashes
  - 12 covered tractor twin-trailer crashes or 48.0 percent of all tractor twin-trailer crashes
  - 1 hazardous material tractor twin-trailer crashes or 4.0 percent of all tractor twin-trailer crashes
- 0 persons were killed in tractor twin-trailer crashes. 0 (0.0 percent) were not tractor twin-trailer occupants

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control		
Improper Passing		
Left of Center - Not Passing	1	4.0
Failure to Yield		
Inattention	5	20.0
Speed too Fast	5	20.0
Improper Turn	1	4.0
Improper Lane Change		
Following too Close	1	4.0
Improper Backing		
Illegal or Improper Parking		
Lights Not On		
Hit and Run		
Avoiding Pedestrian		
Avoiding Other Vehicle		
No Violation	9	36.0
Other	3	12.0
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

<b>Drinking</b>	<b>Drivers</b>	<b>Percent</b>
<b>Driver Condition</b>		
Not Impaired	24	96.0
Drinking - Impaired	1	4.0
Drinking - Not Impaired		
Drinking - Impairment Unknown		
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

<b>Physical</b>	<b>Drivers</b>	<b>Percent</b>
<b>Driver Condition</b>		
Not Impaired	24	96.0
Physical Defect		
Ill		
Fatigued		
Apparently Asleep	1	4.0
Other		
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

	<b>Male</b>	<b>Female</b>	<b>Not Stated</b>	<b>Total</b>	<b>Percent of Males</b>
<b>Age</b>					
Under 15					
15					
16					
17		2		2	
18					
19					
20					
21-25	4			4	100.0
26-30					
31-35					
36-40	3			3	100.0
41-45	3			3	100.0
46-50	3			3	100.0
51-55	2			2	100.0
56-60	4			4	100.0
61-65	2	1		3	66.7
66-70	1			1	100.0
Over 70					
Unknown					
<b>Total</b>	<b>22</b>	<b>3</b>		<b>25</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	8	32.0
Turning Right	1	4.0
Turning Left	1	4.0
Making U-Turn	1	4.0
Slowing-Stopping	2	8.0
Ran Off Road	9	36.0
Stopped in Traffic	2	8.0
Backing		
Passing		
Changing Lanes	1	4.0
Other		
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	24	96.0
Lights		
Brakes		
Steering		
Tires	1	4.0
Motor		
Other		
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	12	48.0
Cloudy	4	16.0
Fog	1	4.0
Mist		
Rain	5	20.0
Snow	3	12.0
Sleet		
Smoke/Dust		
Other		
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

	Crashes	Percent
<b>Light</b>		
Dawn		
Daylight	11	44.0
Dusk	1	4.0
Darkness (road lighted)	1	4.0
Darkness (road unlighted)	12	48.0
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	2	8.0
Traffic Signals	2	8.0
Stop Sign	1	4.0
Slow/Warning Sign		
Yield Sign		
No Passing Zone	1	4.0
R. R. Warning Sign		
R. R. Signals		
R. R. Gate and Signals		
Other	19	76.0
<b>Total</b>	<b>25</b>	<b>100.0</b>
<b>Not Stated</b>		
<b>Grand Total</b>	<b>25</b>	

# Virginia Crashes Involving Vans



## In 1999 there were:

- 38 van occupants killed or 4.3 percent of all traffic fatalities
- 5,363 van occupants injured or 6.6 percent of all traffic injuries
- 16,582 van crashes or 11.9 percent of all crashes
  - 64 fatal crashes or 8.1 percent of all fatal crashes
  - 6,693 personal injury crashes or 12.1 percent of all personal injury crashes
  - 9,825 property damage crashes or 11.7 percent of all property damage crashes
- 307,853 vans were registered in Virginia with 5.7 percent involved in crashes

## The Driver

	Drivers	Percent
<b>Driver Action</b>		
Ran Traffic Control	582	3.4
Improper Passing	118	0.7
Left of Center - Not Passing	115	0.7
Failure to Yield	1,543	9.1
Inattention	2,153	12.7
Speed too Fast	538	3.2
Improper Turn	288	1.7
Improper Lane Change	131	0.8
Following too Close	1,382	8.2
Improper Backing	143	0.8
Illegal or Improper Parking	28	0.2
Lights Not On	5	
Hit and Run	206	1.2
Avoiding Pedestrian	12	0.1
Avoiding Other Vehicle	270	1.6
No Violation	8,445	50.0
Other	939	5.6
<b>Total</b>	<b>16,898</b>	<b>100.0</b>
<b>Not Stated</b>	<b>521</b>	
<b>Grand Total</b>	<b>17,419</b>	

<b>Drinking</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	16,590	97.4
Drinking - Impaired	295	1.7
Drinking - Not Impaired	62	0.4
Drinking - Impairment	83	0.5
Unknown		
<b>Total</b>	<b>17,030</b>	<b>100.0</b>
<b>Not Stated</b>	<b>389</b>	
<b>Grand Total</b>	<b>17,419</b>	

<b>Physical</b>	Drivers	Percent
<b>Driver Condition</b>		
Not Impaired	16,674	98.1
Physical Defect	71	0.4
Ill	41	0.2
Fatigued	45	0.3
Apparently Asleep	122	0.7
Other	48	0.3
<b>Total</b>	<b>17,001</b>	<b>100.0</b>
<b>Not Stated</b>	<b>418</b>	
<b>Grand Total</b>	<b>17,419</b>	

	Male	Female	Not Stated	Total	Percent of Males
<b>Age</b>					
Under 15	8	8		16	50.0
15	19	26		45	42.2
16	158	171		329	48.0
17	167	117		284	58.8
18	168	84		252	66.7
19	140	67		207	67.6
20	162	55		217	74.7
21-25	789	338		1,127	70.0
26-30	1,000	672		1,672	59.8
31-35	1,232	1,149		2,381	51.7
36-40	1,397	1,474		2,871	48.7
41-45	1,329	1,170		2,499	53.2
46-50	1,006	785		1,791	56.2
51-55	781	420		1,201	65.0
56-60	572	251		823	69.5
61-65	386	152	1	539	71.7
66-70	301	105		406	74.1
Over 70	393	98	22	513	80.0
Unknown	4	1	241	246	
<b>Total</b>	<b>10,012</b>	<b>7,143</b>	<b>264</b>	<b>17,419</b>	

## The Vehicle

	Vehicles	Percent
<b>Vehicle Action</b>		
Going Straight	8,546	49.3
Turning Right	626	3.6
Turning Left	1,816	10.5
Making U-Turn	75	0.4
Slowing-Stopping	1,439	8.3
Ran Off Road	905	5.2
Stopped in Traffic	2,560	14.8
Backing	228	1.3
Passing	89	0.5
Changing Lanes	554	3.2
Other	503	2.9
<b>Total</b>	<b>17,341</b>	<b>100.0</b>
<b>Not Stated</b>	<b>78</b>	
<b>Grand Total</b>	<b>17,419</b>	

	Vehicles	Percent
<b>Vehicle Defect</b>		
No Defect	16,805	98.4
Lights	22	0.1
Brakes	74	0.4
Steering	29	0.2
Tires	75	0.4
Motor	23	0.1
Other	49	0.3
<b>Total</b>	<b>17,077</b>	<b>100.0</b>
<b>Not Stated</b>	<b>342</b>	
<b>Grand Total</b>	<b>17,419</b>	

## The Environment

	Crashes	Percent
<b>Weather</b>		
Clear	11,067	66.9
Cloudy	2,663	16.1
Fog	88	0.5
Mist	380	2.3
Rain	2,088	12.6
Snow	194	1.2
Sleet	54	0.3
Smoke/Dust		
Other	6	
<b>Total</b>	<b>16,540</b>	<b>100.0</b>
<b>Not Stated</b>	<b>42</b>	
<b>Grand Total</b>	<b>16,582</b>	

	Crashes	Percent
<b>Light</b>		
Dawn	337	2.0
Daylight	12,712	76.8
Dusk	446	2.7
Darkness (road lighted)	1,597	9.6
Darkness (road unlighted)	1,460	8.8
<b>Total</b>	<b>16,552</b>	<b>100.0</b>
<b>Not Stated</b>	<b>30</b>	
<b>Grand Total</b>	<b>16,582</b>	

	Crashes	Percent
<b>Traffic Controls</b>		
No Controls	2,058	12.5
Traffic Signals	4,064	24.6
Stop Sign	1,810	11.0
Slow/Warning Sign	76	0.5
Yield Sign	253	1.5
No Passing Zone	873	5.3
R. R. Warning Sign	2	
R. R. Signals	5	
R. R. Gate and Signals	7	
Other	7,351	44.6
<b>Total</b>	<b>16,499</b>	<b>100.0</b>
<b>Not Stated</b>	<b>83</b>	
<b>Grand Total</b>	<b>16,582</b>	



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