

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
Driver Action		
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
Total	246,188	100.0
Not Stated	8,673	
Grand Total	254,861	

Drinking	Drivers	Percent
Driver Condition		
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
Total	243,688	100.0
Not Stated	11,173	
Grand Total	254,861	

Physical	Drivers	Percent
Driver Condition		
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
Total	243,355	100.0
Not Stated	11,506	
Grand Total	254,861	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	144,079	101,697	9,085	254,861	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	251,980	100.0
Not Stated	2,881	
Grand Total	254,861	

	Vehicles	Percent
Vehicle Defect		
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
Total	244,870	100.0
Not Stated	9,991	
Grand Total	254,861	

The Environment

	Crashes	Percent
Weather		
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
Total	138,960	100.0
Not Stated	613	
Grand Total	139,573	

	Crashes	Percent
Light		
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
Total	139,052	100.0
Not Stated	521	
Grand Total	139,573	

	Crashes	Percent
Traffic Controls		
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
Total	138,592	100.0
Not Stated	981	
Grand Total	139,573	

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
Driver Action		
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
Total	1,152	100.0
Not Stated	35	
Grand Total	1,187	

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

Physical	Drivers	Percent
Driver Condition		
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
Total	907	100.0
Not Stated	280	
Grand Total	1,187	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	858	308	21	1,187	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	1,178	100.0
Not Stated	9	
Grand Total	1,187	

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

The Environment

	Crashes	Percent
Weather		
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
Total	791	100.0
Not Stated	3	
Grand Total	794	

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

	Crashes	Percent
Traffic Controls		
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
Total	789	100.0
Not Stated	5	
Grand Total	794	

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

	Drivers	Percen
Drinking Driver Action		
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
Total	10,777	100.0
Not Stated	129	
Grand Total	10,906	

Drinking	Drivers	Percent
Driver Condition		
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
Total	10,850	100.0
Not Stated	56	
Grand Total	10,906	

Physical	Drivers	Percent
Driver Condition		
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
Total	10,391	100.0
Not Stated	515	
Grand Total	10,906	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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
Total	8,736	1,987	183	10,906	

The Drinking Pedestrian

	Pedestrians	Percent
Drinking Pedestrian Action		
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
Total	244	100.0
Not Stated	4	
Grand Total	248	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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
Total	186	62		248	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	10,246	100.0
Not Stated	38	
Grand Total	10,284	

	Vehicles	Percent
Vehicle Defect		
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
Total	9,924	100.0
Not Stated	360	
Grand Total	10,284	

The Environment

	Crashes	Percent
Weather		
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
Total	10,914	100.0
Not Stated	28	
Grand Total	10,942	

	Crashes	Percent
Light		
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
Total	10,922	100.0
Not Stated	20	
Grand Total	10,942	

	Crashes	Percent
Traffic Controls		
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
Total	10,870	100.0
Not Stated	72	
Grand Total	10,942	

Driver Condition: Drinking by Crash Type and Age

Fatal Crashes	Not Drinking	Drinking				Not Stated	Total Drivers
		Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
Age							
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
Total Drivers	765	63	30	9	103	217	1,187

Personal Injury Crashes	Not Drinking	Drinking				Not Stated	Total Drivers
		Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
Age							
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
Total Drivers	93,252	2,444	1,213	796	1,183	3,519	102,407

Property Damage Crashes	Not Drinking	Drinking				Not Stated	Total Drivers
		Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
Age							
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
Total Drivers	138,843	2,094	1,113	946	834	7,437	151,267

All Crashes	Not Drinking	Drinking				Not Stated	Total Drivers
		Obviously Drunk	Ability Impaired	Ability Not Impaired	Impairment Unknown		
Age							
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
Total Drivers	232,860	4,601	2,356	1,751	2,120	11,173	254,861

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			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												
Total	364	304	59	1	37	33	4		6	6			20	19	1	

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
Total	8,359	5,615	2,709	35	311	227	84		74	57	8	9	152	136	15	1

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
Total	232	202	30		95	69	25	1	5,512	3,983	1,496	33	2,536	1,405	1,129	2

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
Driver Action		
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
Total	159,073	100.0
Not Stated	4,952	
Grand Total	164,025	

Drinking	Drivers	Percent
Driver Condition		
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
Total	159,823	100.0
Not Stated	4,202	
Grand Total	164,025	
Physical	Drivers	Percent
Driver Condition		
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
Total	159,621	100.0
Not Stated	4,404	
Grand Total	164,025	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	80,854	80,387	2,784	164,025	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	163,107	100.0
Not Stated	918	
Grand Total	164,025	

	Vehicles	Percent
Vehicle Defect		
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
Total	160,637	100.0
Not Stated	3,388	
Grand Total	164,025	

The Environment

	Crashes	Percent
Weather		
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
Total	112,123	100.0
Not Stated	381	
Grand Total	112,504	

	Crashes	Percent
Light		
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
Total	112,229	100.0
Not Stated	275	
Grand Total	112,504	

	Crashes	Percent
Traffic Controls		
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
Total	111,809	100.0
Not Stated	695	
Grand Total	112,504	

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
Bicyclist Action		
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
Total	769	100.0
Not Stated	194	
Grand Total	963	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	685	140	138	963	

The Vehicle

	Bicycles	Percent
Bicycle Action		
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
Total	781	100.0
Not Stated	182	
Grand Total	963	

	Bicycles	Percent
Bicycle Defect		
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
Total	753	100.0
Not Stated	210	
Grand Total	963	

The Environment

	Crashe s	Perce nt
Weather		
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
Total	956	100.0
Not Stated	2	
Grand Total	958	

	Crashe s	Perce nt
Light		
Dawn	11	1.1
Daylight	704	73.6
Dusk	49	5.1
Darkness (road lighted)	139	14.5
Darkness (road unlighted)	54	5.6
Total	957	100.0
Not Stated	1	
Grand Total	958	

	Crashe s	Perce nt
Traffic Controls		
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
Total	948	100.0
Not Stated	10	
Grand Total	958	

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
Driver Action		
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
Total	666	100.0
Not Stated	31	
Grand Total	697	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	421	269	7	697	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	692	100.0
Not Stated	5	
Grand Total	697	

	Vehicles	Percent
Vehicle Defect		
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
Total	686	100.0
Not Stated	11	
Grand Total	697	

The Environment

	Crashe s	Perce nt
Weather		
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
Total	687	100.0
Not Stated	2	
Grand Total	689	

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

	Crashe s	Perce nt
Traffic Controls		
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
Total	682	100.0
Not Stated	7	
Grand Total	689	

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
Driver Action		
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
Total	233	100.0
Not Stated	9	
Grand Total	242	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	160	80	2	242	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	241	100.0
Not Stated	1	
Grand Total	242	

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

The Environment

	Crashe s	Percent t
Weather		
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		
Total	240	100.0
Not Stated		
Grand Total	240	

	Crashe s	Percent t
Light		
Dawn	4	1.7
Daylight	164	68.6
Dusk	6	2.5
Darkness (road lighted)	46	19.2
Darkness (road unlighted)	19	7.9
Total	239	100.0
Not Stated	1	
Grand Total	240	

	Crashe s	Percent t
Traffic Controls		
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
Total	239	100.0
Not Stated	1	
Grand Total	240	

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
Driver Action		
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
Total	1,301	100.0
Not Stated	53	
Grand Total	1,354	

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

Physical	Drivers	Percent
Driver Condition		
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
Total	1,306	100.0
Not Stated	48	
Grand Total	1,354	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	1,254	76	24	1,354	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	1,345	100.0
Not Stated	9	
Grand Total	1,354	

	Vehicles	Percent
Vehicle Defect		
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
Total	1,317	100.0
Not Stated	37	
Grand Total	1,354	

The Environment

	Crashe s	Perce nt
Weather		
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
Total	1,318	100.0
Not Stated	2	
Grand Total	1,320	

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

	Crashe s	Perce nt
Traffic Controls		
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
Total	1,313	100.0
Not Stated	7	
Grand Total	1,320	

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
Driver Action		
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
Total	138	100.0
Not Stated	3	
Grand Total	141	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	119	18	4	141	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	138	100.0
Not Stated	3	
Grand Total	141	

	Vehicles	Percent
Vehicle Defect		
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
Total	134	100.0
Not Stated	7	
Grand Total	141	

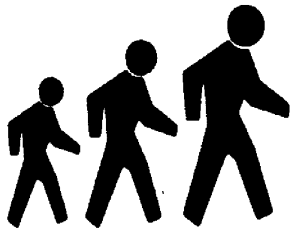
The Environment

	Crashes	Percent
Weather		
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		
Total	138	100.0
Not Stated	2	
Grand Total	140	

	Crashes	Percent
Light		
Dawn	3	2.2
Daylight	100	71.9
Dusk	6	4.3
Darkness (road lighted)	14	10.1
Darkness (road unlighted)	16	11.5
Total	139	100.0
Not Stated	1	
Grand Total	140	

	Crashes	Percent
Traffic Controls		
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
Total	138	100.0
Not Stated	2	
Grand Total	140	

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
Pedestrian Action		
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
Total	2,073	100.0
Not Stated	82	
Grand Total	2,155	

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

Physical	Pedestrians	Percent
Pedestrian Condition		
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
Total	1,918	100.0
Not Stated	237	
Grand Total	2,155	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	1,275	879	1	2,155	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	2,112	100.0
Not Stated	52	
Grand Total	2,164	

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

	Vehicles	Percent
Vehicle Defect		
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
Total	1,881	100.0
Not Stated	283	
Grand Total	2,164	

The Environment

	Crashes	Percent
Weather		
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
Total	2,036	100.0
Not Stated	9	
Grand Total	2,045	

	Crashes	Percent
Light		
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
Total	2,037	100.0
Not Stated	8	
Grand Total	2,045	

	Crashes	Percent
Traffic Controls		
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
Total	2,007	100.0
Not Stated	38	
Grand Total	2,045	

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
Driver Action		
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
Total	48,764	100.0
Not Stated	1,499	
Grand Total	50,263	

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

Physical	Drivers	Percent
Driver Condition		
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
Total	48,813	100.0
Not Stated	1,450	
Grand Total	50,263	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	38,654	10,682	927	50,263	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	50,030	100.0
Not Stated	233	
Grand Total	50,263	
	Vehicles	Percent
Vehicles Defect		
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
Total	49,106	100.0
Not Stated	1,157	
Grand Total	50,263	

The Environment

	Crashes	Percent
Weather		
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
Total	44,567	100.0
Not Stated	147	
Grand Total	44,714	

	Crashes	Percent
Light		
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
Total	44,626	100.0
Not Stated	88	
Grand Total	44,714	

	Crashes	Percent
Traffic Controls		
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
Total	44,438	100.0
Not Stated	276	
Grand Total	44,714	

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
Driver Action		
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
Total	590	100.0
Not Stated	23	
Grand Total	613	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	177	431	5	613	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	611	100.0
Not Stated	2	
Grand Total	613	
	Vehicles	Percent
Vehicle Defect		
No Defect	601	99.2
Lights		
Brakes	3	0.5
Steering		
Tires		
Motor		
Other	2	0.3
Total	606	100.0
Not Stated	7	
Grand Total	613	

The Environment

	Crashes	Percent
Weather		
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
Total	595	100.0
Not Stated	1	
Grand Total	596	

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

	Crashes	Percent
Traffic Controls		
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
Total	590	100.0
Not Stated	6	
Grand Total	596	

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
Driver Action		
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
Total	42	100.0
Not Stated	1	
Grand Total	43	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	28	12	3	43	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	43	100.0
Not Stated		
Grand Total	43	
	Vehicles	Percent
Vehicle Defect		
No Defect	38	100.0
Lights		
Brakes		
Steering		
Tires		
Motor		
Other		
Total	38	100.0
Not Stated	5	
Grand Total	43	

The Environment

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

	Crashes	Percent
Light		
Dawn	2	5.9
Daylight	16	47.1
Dusk	1	2.9
Darkness (road lighted)	5	14.7
Darkness (road unlighted)	10	29.4
Total	34	100.0
Not Stated		
Grand Total	34	
	Crashes	Percent
Traffic Controls		
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
Total	34	100.0
Not Stated		
Grand Total	34	

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
Driver Action		
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
Total	4,039	100.0
Not Stated	131	
Grand Total	4,170	

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

Physical	Drivers	Percent
Driver Condition		
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
Total	4,023	100.0
Not Stated	147	
Grand Total	4,170	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	3,852	216	102	4,170	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	4,143	100.0
Not Stated	27	
Grand Total	4,170	

	Vehicles	Percent
Vehicle Defect		
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
Total	4,039	100.0
Not Stated	131	
Grand Total	4,170	

The Environment

	Crashes	Percent
Weather		
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
Total	4,012	100.0
Not Stated	10	
Grand Total	4,022	

	Crashes	Percent
Light		
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
Total	4,014	100.0
Not Stated	8	
Grand Total	4,022	

	Crashes	Percent
Traffic Controls		
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
Total	3,993	100.0
Not Stated	29	
Grand Total	4,022	

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
Driver Action		
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
Total	4,838	100.0
Not Stated	111	
Grand Total	4,949	

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

Physical	Drivers	Percent
Driver Condition		
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
Total	4,757	100.0
Not Stated	192	
Grand Total	4,949	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	4,643	145	161	4,949	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	4,917	100.0
Not Stated	32	
Grand Total	4,949	

	Vehicles	Percent
Vehicle Defect		
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
Total	4,766	100.0
Not Stated	183	
Grand Total	4,949	

The Environment

	Crashes	Percent
Weather		
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
Total	4,677	100.0
Not Stated	11	
Grand Total	4,688	

	Crashes	Percent
Light		
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
Total	4,675	100.0
Not Stated	13	
Grand Total	4,688	

	Crashes	Percent
Traffic Controls		
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
Total	4,666	100.0
Not Stated	22	
Grand Total	4,688	

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
Driver Action		
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
Total	25	100.0
Not Stated		
Grand Total	25	

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

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

	Male	Female	Not Stated	Total	Percent of Males
Age					
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					
Total	22	3		25	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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		
Total	25	100.0
Not Stated		
Grand Total	25	

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

The Environment

	Crashes	Percent
Weather		
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		
Total	25	100.0
Not Stated		
Grand Total	25	

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

	Crashes	Percent
Traffic Controls		
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
Total	25	100.0
Not Stated		
Grand Total	25	

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
Driver Action		
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
Total	16,898	100.0
Not Stated	521	
Grand Total	17,419	

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

Physical	Drivers	Percent
Driver Condition		
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
Total	17,001	100.0
Not Stated	418	
Grand Total	17,419	

	Male	Female	Not Stated	Total	Percent of Males
Age					
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	
Total	10,012	7,143	264	17,419	

The Vehicle

	Vehicles	Percent
Vehicle Action		
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
Total	17,341	100.0
Not Stated	78	
Grand Total	17,419	

	Vehicles	Percent
Vehicle Defect		
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
Total	17,077	100.0
Not Stated	342	
Grand Total	17,419	

The Environment

	Crashes	Percent
Weather		
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	
Total	16,540	100.0
Not Stated	42	
Grand Total	16,582	

	Crashes	Percent
Light		
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
Total	16,552	100.0
Not Stated	30	
Grand Total	16,582	

	Crashes	Percent
Traffic Controls		
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
Total	16,499	100.0
Not Stated	83	
Grand Total	16,582	



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