

New York State Department of Motor Vehicles Summary of Large Truck Accidents

2002

TABLE 1 Large Truck Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	10,520	8,121
Fatal Accidents	135	135
Non-Fatal Personal Injury Accidents	6,975	6,262
Reportable Property Damage Accidents	3,410	1,724
Vehicles	21,426	16,546
Drivers Involved	19,772	15,540
Vehicle Occupants	26,404	21,522
Special Large Truck Accident Series		
Large Truck/Pedestrian Accidents	280	275
Large Truck/Bicycle Accidents	68	68
Large Truck/Motorcycle Accidents	45	43
Fatalities		
Persons Killed (1)	151	151
Drivers Killed	99	99
Passengers Killed	36	36
Pedestrians Killed	11	11
Bicyclists Killed	3	3
Other	2	2
Non-Fatal Injuries		
Persons Injured (1)	9,729	8,818
Drivers Injured	6,552	5,877
Passengers Injured	2,754	2,536
Pedestrians Injured	288	283
Bicyclists Injured	65	65
Other	70	57
(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	8,121	100.0
Fatal (K) Accidents	135	1.7
Personal Injury Accidents		
Serious (A)	586	7.2
Moderate (B)	1,017	12.5
Minor (C)	4,444	54.7
Unknown Severity	215	2.6
Property Damage (O) Accidents	1,724	21.2

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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TABLE 3 Day of Week/Time of Day

Day of Week	Total Accidents	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	10,520	373	416	1,606	2,132	2,302	1,818	785	439	649
Sunday										
<i>Total</i>	367	27	24	31	44	56	52	58	50	25
Fatal	5	0	1	0	0	2	0	1	0	1
Personal Injury	236	17	15	19	32	31	35	35	39	13
Property Damage	126	10	8	12	12	23	17	22	11	11
Monday										
<i>Total</i>	1,834	44	57	279	379	400	366	137	68	104
Fatal	20	1	0	0	5	6	5	2	1	0
Personal Injury	1,225	29	31	179	259	259	259	87	49	73
Property Damage	589	14	26	100	115	135	102	48	18	31
Tuesday										
<i>Total</i>	1,900	50	74	311	395	416	333	121	73	127
Fatal	20	0	2	5	3	5	3	0	2	0
Personal Injury	1,263	37	58	225	253	269	213	85	45	78
Property Damage	617	13	14	81	139	142	117	36	26	49
Wednesday										
<i>Total</i>	1,794	58	67	295	378	417	279	132	61	107
Fatal	28	1	4	6	5	7	2	2	1	0
Personal Injury	1,196	39	43	202	250	278	184	81	46	73
Property Damage	570	18	20	87	123	132	93	49	14	34
Thursday										
<i>Total</i>	1,866	64	63	318	388	399	315	131	75	113
Fatal	22	0	3	3	6	1	5	2	2	0
Personal Injury	1,224	39	35	201	259	272	217	86	48	67
Property Damage	620	25	25	114	123	126	93	43	25	46
Friday										
<i>Total</i>	1,937	70	78	264	393	460	354	137	66	115
Fatal	25	1	2	5	2	5	4	2	3	1
Personal Injury	1,312	47	43	181	262	326	246	93	47	67
Property Damage	600	22	33	78	129	129	104	42	16	47
Saturday										
<i>Total</i>	822	60	53	108	155	154	119	69	46	58
Fatal	15	2	1	4	3	1	3	0	0	1
Personal Injury	519	43	27	67	98	98	81	47	25	33
Property Damage	288	15	25	37	54	55	35	22	21	24

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	8,121	100.0	135	6,262	1,724
State Police	1,816	22.4	55	1,056	705
County Police	1,808	22.3	34	1,386	388
New York City Police (NYPD)	2,818	34.7	23	2,509	286
Municipal Police (non-NYC)	1,676	20.6	22	1,309	345
Other	0	0.0	0	0	0
Unknown	3	<0.1	1	2	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	10,520	100.0	135	6,975	3,410
State Routes	2,568	24.4	64	1,631	873
County Routes	506	4.8	7	341	158
Town Routes	1,103	10.5	13	678	412
Municipal Streets	3,987	37.9	21	2,898	1,068
Parkways	163	1.5	0	98	65
Thruway	561	5.3	10	289	262
Other Interstates	1,532	14.6	20	1,009	503
Unknown	100	1.0	0	31	69

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	10,520	100.0	135	6,975	3,410
Single Vehicle Accidents	1,301	12.4	26	769	506
Two Vehicle Accidents	7,940	75.5	90	5,122	2,728
3 or More Vehicle Accidents	1,279	12.2	19	1,084	176

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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	8,121	100.0	135	6,262	1,724
Accidents With No Factor Reported	1,173	14.4	17	994	162
Accidents With One or More Factors Reported	6,948	85.6	118	5,268	1,562
Accidents With Human Factors	5,928	73.0	113	4,555	1,260
Aggressive Driving/Road Rage*	33	0.4	1	29	3
Alcohol Involvement	140	1.7	10	112	18
Backing Unsafely	218	2.7	1	145	72
Cell Phone (hand held)*	4	<0.1	0	4	0
Cell Phone (hands free)*	1	<0.1	0	1	0
Driver Inattention/Distraction	1,387	17.1	13	1,134	240
Driver Inexperience	126	1.6	2	104	20
Drugs (Illegal)	8	0.1	0	7	1
Failure to Keep Right	69	0.8	2	63	4
Failure to Yield R.O.W.	944	11.6	25	749	170
Fatigued/Drowsy	58	0.7	3	39	16
Fell Asleep	130	1.6	6	90	34
Following Too Closely	1,148	14.1	4	966	178
Illness	30	0.4	0	25	5
Lost Consciousness	33	0.4	0	26	7
Other Electronic Device*	1	<0.1	0	0	1
Outside Car Distraction*	23	0.3	0	18	5
Passenger Distraction*	23	0.3	0	22	1
Passing or Lane Usage Improper	549	6.8	15	393	141
Pedestrian/Bicyclist/Other Ped Error/Confusion	70	0.9	6	64	0
Physical Disability	14	0.2	1	12	1
Prescription Medication	4	<0.1	0	2	2
Reaction to Other Uninvolved Vehicle*	126	1.6	0	114	12
Traffic Control Disregarded	377	4.6	12	275	90
Turning Improperly	279	3.4	4	202	73
Unsafe Lane Changing	551	6.8	8	404	139
Unsafe Speed	917	11.3	33	660	224
Other Human	223	2.7	4	184	35
Accidents With Vehicular Factors	793	9.8	4	572	217
Accelerator Defective	7	0.1	0	7	0
Brakes Defective	153	1.9	0	131	22
Driverless/Runaway Vehicle	7	0.1	0	6	1
Headlights Defective	4	<0.1	0	3	1
Other Lighting Defects	13	0.2	1	11	1
Oversized Vehicle	122	1.5	0	73	49
Steering Failure	21	0.3	0	15	6
Tire Failure/Inadequate	75	0.9	2	42	31
Tow Hitch Defective	16	0.2	0	5	11
Windshield Inadequate	3	<0.1	0	2	1
Other Vehicular	402	5.0	1	302	99
Accidents With Environmental Factors	1,254	15.4	18	870	366
Animal's Action	83	1.0	1	40	42
Glare	97	1.2	1	82	14
Lane Marking Improper/Inadequate	6	0.1	0	3	3
Obstruction/Debris	76	0.9	0	44	32
Pavement Defective	11	0.1	0	7	4
Pavement Slippery	795	9.8	12	557	226
Shoulders Defective/Improper	5	0.1	0	2	3
Traffic Control Device Improper/Non-Working	16	0.2	0	16	0
View Obstructed/Limited	187	2.3	4	139	44
Other Environmental	42	0.5	0	25	17

* New Category as of July 2001.

Note: Many accidents have multiple factors reported.

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TABLE 8 Driver Age and Gender									
	Total Drivers		Non-Large Truck Drivers		Large Truck Drivers by Severity of Accident				
	Number	Percent	Number	Percent	Total	Percent	Fatal	Personal Injury	Property Damage
Drivers	19,772	100.0	9,697	100.0	10,075	100.0	130	6,732	3,213
Male	15,634	79.1	5,837	60.2	9,797	97.2	129	6,568	3,100
Under 16	2	<0.1	1	<0.1	1	<0.1	0	0	1
16 - 17	111	0.6	96	1.0	15	0.1	0	12	3
18 - 20	473	2.4	331	3.4	142	1.4	0	101	41
21 - 24	1,101	5.6	509	5.2	592	5.9	6	426	160
25 - 29	1,749	8.8	611	6.3	1,138	11.3	13	778	347
30 - 34	2,138	10.8	660	6.8	1,478	14.7	14	1,014	450
35 - 39	2,324	11.8	724	7.5	1,600	15.9	22	1,076	502
40 - 44	2,142	10.8	696	7.2	1,446	14.4	16	969	461
45 - 49	1,825	9.2	562	5.8	1,263	12.5	16	868	379
50 - 54	1,317	6.7	454	4.7	863	8.6	13	548	302
55 - 59	971	4.9	319	3.3	652	6.5	15	414	223
60 - 64	577	2.9	242	2.5	335	3.3	8	220	107
65 - 69	309	1.6	190	2.0	119	1.2	4	74	41
70 - 74	200	1.0	156	1.6	44	0.4	2	26	16
75 - 79	150	0.8	131	1.4	19	0.2	0	13	6
80 and Over	143	0.7	133	1.4	10	0.1	0	6	4
Unknown Age	102	0.5	22	0.2	80	0.8	0	23	57
Female	4,096	20.7	3,843	39.6	253	2.5	1	155	97
Under 16	2	<0.1	2	<0.1	0	0.0	0	0	0
16 - 17	108	0.5	103	1.1	5	<0.1	0	4	1
18 - 20	248	1.3	240	2.5	8	0.1	0	6	2
21 - 24	375	1.9	363	3.7	12	0.1	0	9	3
25 - 29	458	2.3	425	4.4	33	0.3	0	22	11
30 - 34	441	2.2	410	4.2	31	0.3	0	19	12
35 - 39	489	2.5	442	4.6	47	0.5	1	29	17
40 - 44	466	2.4	432	4.5	34	0.3	0	22	12
45 - 49	387	2.0	352	3.6	35	0.3	0	21	14
50 - 54	347	1.8	327	3.4	20	0.2	0	11	9
55 - 59	216	1.1	200	2.1	16	0.2	0	7	9
60 - 64	150	0.8	148	1.5	2	<0.1	0	1	1
65 - 69	109	0.6	106	1.1	3	<0.1	0	0	3
70 - 74	127	0.6	126	1.3	1	<0.1	0	1	0
75 - 79	98	0.5	97	1.0	1	<0.1	0	1	0
80 and Over	70	0.4	68	0.7	2	<0.1	0	1	1
Unknown Age	5	<0.1	2	<0.1	3	<0.1	0	1	2
Unknown Gender	42	0.2	17	0.2	25	0.2	0	9	16

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TABLE 9 Persons Killed or Injured by Age Group				
	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	9,880	100.0	151	9,729
Under 5	107	1.1	3	104
5 - 9	167	1.7	0	167
10-13	129	1.3	1	128
14 - 17	286	2.9	9	277
18 - 20	625	6.3	15	610
21 - 24	913	9.2	14	899
25 - 29	1,075	10.9	11	1,064
30 - 34	1,108	11.2	10	1,098
35 - 39	1,149	11.6	10	1,139
40 - 44	1,072	10.9	15	1,057
45 - 49	860	8.7	13	847
50 - 54	691	7.0	10	681
55 - 59	466	4.7	5	461
60 - 64	299	3.0	8	291
65 - 69	210	2.1	1	209
70 - 74	184	1.9	8	176
75 - 79	156	1.6	9	147
80 and Over	154	1.6	7	147
Unknown Age	229	2.3	2	227

TABLE 10(P) Safety Equipment Used								
	Total Persons		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	21,476	100.0	128	617	1,141	6,415	203	12,972
No Restraint Used	1,423	6.6	40	102	126	453	12	690
Air Bag Deployed	89	0.4	8	16	13	39	2	11
with Child Restraint	1	<0.1	0	0	0	1	0	0
with Harness	38	0.2	0	1	6	24	1	6
with Lap Belt	31	0.1	0	5	4	16	0	6
with Lap Belt & Harness	550	2.6	18	62	106	245	6	113
Child Restraint Only	282	1.3	0	5	17	39	0	221
Harness	492	2.3	2	14	28	184	6	258
Lap Belt	1,982	9.2	1	45	83	531	23	1,299
Lap Belt & Harness	13,770	64.1	37	296	672	4,192	124	8,449
Other	7	<0.1	0	0	1	4	0	2
Unknown	2,811	13.1	22	71	85	687	29	1,917
Motorcyclists	46	100.0	7	9	10	18	0	2
No Helmet Used	7	15.2	2	2	1	2	0	0
Helmet Used	34	73.9	5	7	5	15	0	2
Unknown	5	10.9	0	0	4	1	0	0
Bicyclists	69	100.0	3	12	18	33	2	1
No Helmet Used	27	39.1	0	8	8	10	0	1
Helmet Used	0	0.0	0	0	0	0	0	0
Unknown	42	60.9	3	4	10	23	2	0