

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

2002

<b>TABLE 1 Large Truck Accidents</b>		
<b>Category Totals</b>	<b>All Accidents</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>10,520</b>	<b>8,121</b>
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
<b>Special Large Truck Accident Series</b>		
Large Truck/Pedestrian Accidents	280	275
Large Truck/Bicycle Accidents	68	68
Large Truck/Motorcycle Accidents	45	43
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>151</b>	<b>151</b>
Drivers Killed	99	99
Passengers Killed	36	36
Pedestrians Killed	11	11
Bicyclists Killed	3	3
Other	2	2
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>9,729</b>	<b>8,818</b>
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		

<b>TABLE 2(P) Severity of Accident</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>8,121</b>	<b>100.0</b>
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
<b>Total</b>	<b>10,520</b>	<b>373</b>	<b>416</b>	<b>1,606</b>	<b>2,132</b>	<b>2,302</b>	<b>1,818</b>	<b>785</b>	<b>439</b>	<b>649</b>
<b>Sunday</b>										
<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
<b>Monday</b>										
<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
<b>Tuesday</b>										
<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
<b>Wednesday</b>										
<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
<b>Thursday</b>										
<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
<b>Friday</b>										
<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
<b>Saturday</b>										
<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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<b>TABLE 4(P) Police Investigating Agency</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>8,121</b>	<b>100.0</b>	<b>135</b>	<b>6,262</b>	<b>1,724</b>
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

<b>TABLE 5 Jurisdictional Road System</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>10,520</b>	<b>100.0</b>	<b>135</b>	<b>6,975</b>	<b>3,410</b>
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

<b>TABLE 6 Manner of Collision</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>10,520</b>	<b>100.0</b>	<b>135</b>	<b>6,975</b>	<b>3,410</b>
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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<b>TABLE 7(P) Accident Contributing Factors</b>					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total Accidents</b>	<b>8,121</b>	<b>100.0</b>	<b>135</b>	<b>6,262</b>	<b>1,724</b>
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
<b>Accidents With Human Factors</b>	<b>5,928</b>	<b>73.0</b>	<b>113</b>	<b>4,555</b>	<b>1,260</b>
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
<b>Accidents With Vehicular Factors</b>	<b>793</b>	<b>9.8</b>	<b>4</b>	<b>572</b>	<b>217</b>
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
<b>Accidents With Environmental Factors</b>	<b>1,254</b>	<b>15.4</b>	<b>18</b>	<b>870</b>	<b>366</b>
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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<b>TABLE 8 Driver Age and Gender</b>									
	<b>Total Drivers</b>		<b>Non-Large Truck Drivers</b>		<b>Large Truck Drivers by Severity of Accident</b>				
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Total</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Drivers</b>	<b>19,772</b>	<b>100.0</b>	<b>9,697</b>	<b>100.0</b>	<b>10,075</b>	<b>100.0</b>	<b>130</b>	<b>6,732</b>	<b>3,213</b>
<b>Male</b>	<b>15,634</b>	<b>79.1</b>	<b>5,837</b>	<b>60.2</b>	<b>9,797</b>	<b>97.2</b>	<b>129</b>	<b>6,568</b>	<b>3,100</b>
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
<b>Female</b>	<b>4,096</b>	<b>20.7</b>	<b>3,843</b>	<b>39.6</b>	<b>253</b>	<b>2.5</b>	<b>1</b>	<b>155</b>	<b>97</b>
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
<b>Unknown Gender</b>	<b>42</b>	<b>0.2</b>	<b>17</b>	<b>0.2</b>	<b>25</b>	<b>0.2</b>	<b>0</b>	<b>9</b>	<b>16</b>

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<b>TABLE 9 Persons Killed or Injured by Age Group</b>				
	<b>Total Persons</b>		<b>Persons Killed</b>	<b>Persons Injured</b>
	<b>Number</b>	<b>Percent</b>		
<b>Total</b>	<b>9,880</b>	<b>100.0</b>	<b>151</b>	<b>9,729</b>
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

<b>TABLE 10(P) Safety Equipment Used</b>								
	<b>Total Persons</b>		<b>Injury Severity of Person</b>					
	<b>Number</b>	<b>Percent</b>	<b>Killed (K)</b>	<b>Serious (A)</b>	<b>Moderate (B)</b>	<b>Minor (C)</b>	<b>Unk Injury</b>	<b>Uninjured (O)</b>
<b>Motor Vehicle Occupants</b>	<b>21,476</b>	<b>100.0</b>	<b>128</b>	<b>617</b>	<b>1,141</b>	<b>6,415</b>	<b>203</b>	<b>12,972</b>
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
<b>Motorcyclists</b>	<b>46</b>	<b>100.0</b>	<b>7</b>	<b>9</b>	<b>10</b>	<b>18</b>	<b>0</b>	<b>2</b>
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
<b>Bicyclists</b>	<b>69</b>	<b>100.0</b>	<b>3</b>	<b>12</b>	<b>18</b>	<b>33</b>	<b>2</b>	<b>1</b>
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