

New York State Department of Motor Vehicles Summary of Speed-Related Motor Vehicle Accidents

2007

TABLE 1(P) Speed-Related (S-R) Accidents	
Category Totals	Police Reported
Total Accidents	31,729†
Fatal Accidents	369
Non-Fatal Personal Injury Accidents	14,405
Reportable Property Damage Accidents	16,955†
Vehicles	47,904
Drivers Involved	44,842
<i>Speeding Drivers</i>	<i>31,580</i>
<i>Non-Speeding Drivers</i>	<i>13,262</i>
Vehicle Occupants	65,184
Special S-R Accident Series	
S-R Pedestrian/Motor Vehicle Accidents	382
S-R Bicycle/Motor Vehicle Accidents	91
S-R Motorcycle Accidents	857
Fatalities	
Persons Killed (1)	406
Drivers Killed	277
<i>Speeding Drivers</i>	<i>249</i>
<i>Non-Speeding Drivers</i>	<i>28</i>
Passengers Killed	104
Pedestrians Killed	24
Bicyclists Killed	1
Other	0
Non-Fatal Injuries	
Persons Injured (1)	21,137
Drivers Injured	14,151
Passengers Injured	6,427
Pedestrians Injured	383
Bicyclists Injured	90
Other	86
† It is important to note that the data for 2007 are not strictly comparable to the data for previous years. Changes in data collection and reporting that began during 2006 with respect to property damage crashes have increased the total number of crashes, since the changes resulted in more property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.	
(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	31,729	100.0
Fatal (K) Accidents	369	1.2
Personal Injury Accidents		
Serious (A)	1,968	6.2
Moderate (B)	3,192	10.1
Minor (C)	8,907	28.1
Unknown Severity	338	1.1
Property Damage (O) Accidents	16,955	53.4

General Notes

- * All tables are based on information received only from police reports.
- * 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(P) 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	31,729	2,787	2,197	4,817	4,130	4,721	5,487	4,004	3,498	88
Sunday										
Total	5,014	652	541	554	587	685	796	620	566	13
Fatal	78	24	9	5	5	4	8	9	13	1
Personal Injury	2,314	333	258	233	246	321	382	284	249	8
Property Damage	2,622	295	274	316	336	360	406	327	304	4
Monday										
Total	4,740	391	300	833	614	751	848	551	438	14
Fatal	45	5	3	5	3	11	6	4	8	0
Personal Injury	2,117	145	115	334	273	355	385	287	218	5
Property Damage	2,578	241	182	494	338	385	457	260	212	9
Tuesday										
Total	3,641	216	149	691	511	481	662	497	427	7
Fatal	38	3	5	3	6	3	7	8	3	0
Personal Injury	1,701	101	65	296	244	215	319	270	188	3
Property Damage	1,902	112	79	392	261	263	336	219	236	4
Wednesday										
Total	3,892	249	200	735	534	564	690	507	406	7
Fatal	36	5	0	4	5	4	8	4	6	0
Personal Injury	1,832	118	84	279	271	276	335	267	197	5
Property Damage	2,024	126	116	452	258	284	347	236	203	2
Thursday										
Total	4,432	249	173	704	680	825	825	535	436	5
Fatal	48	5	5	4	4	6	5	12	7	0
Personal Injury	1,934	122	72	306	261	343	366	260	203	1
Property Damage	2,450	122	96	394	415	476	454	263	226	4
Friday										
Total	5,481	367	281	759	598	846	1,094	819	705	12
Fatal	52	5	4	5	5	4	4	7	18	0
Personal Injury	2,401	155	130	317	274	359	507	334	319	6
Property Damage	3,028	207	147	437	319	483	583	478	368	6
Saturday										
Total	4,529	663	553	541	606	569	572	475	520	30
Fatal	72	11	16	8	7	3	6	8	12	1
Personal Injury	2,106	289	242	212	272	310	297	232	240	12
Property Damage	2,351	363	295	321	327	256	269	235	268	17

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	31,729	100.0	369	14,405	16,955
State Police	14,578	45.9	127	5,399	9,052
County Police	8,311	26.2	113	3,956	4,242
New York City Police (NYPD)	3,091	9.7	64	2,369	658
Municipal Police (non-NYC)	5,749	18.1	65	2,681	3,003
Unknown	0	0.0	0	0	0

TABLE 5(P) Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	31,729	100.0	369	14,405	16,955
State Routes	9,678	30.5	130	4,149	5,399
County Routes	4,570	14.4	62	2,105	2,403
Town Routes	5,465	17.2	62	2,416	2,987
Municipal Streets	4,127	13.0	64	2,553	1,510
Parkways	2,100	6.6	28	941	1,131
Thruway	1,874	5.9	6	589	1,279
Other Interstates	2,359	7.4	14	942	1,403
Unknown	1,556	4.9	3	710	843

TABLE 6(P) Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	31,729	100.0	369	14,405	16,955
Single Vehicle Accidents	19,143	60.3	227	7,713	11,203
Two Vehicle Accidents	9,950	31.4	108	5,028	4,814
3 or More Vehicle Accidents	2,636	8.3	34	1,664	938

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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	31,729	100.0	369	14,405	16,955
Accidents With No Factor Reported	15	<0.1	1	11	3
Accidents With One or More Factors Reported	31,714	99.9	368	14,394	16,952
Accidents With Human Factors	31,692	99.9	368	14,386	16,938
Aggressive Driving/Road Rage	407	1.3	9	254	144
Alcohol Involvement	2,424	7.6	77	1,334	1,013
Backing Unsafely	103	0.3	0	44	59
Cell Phone (hand held)	29	0.1	0	21	8
Cell Phone (hands free)	2	<0.1	0	0	2
Driver Inattention/Distraction	1,568	4.9	11	965	592
Driver Inexperience	1,055	3.3	17	587	451
Drugs (Illegal)	84	0.3	3	57	24
Failure to Keep Right	953	3.0	22	490	441
Failure to Yield R.O.W.	966	3.0	12	668	286
Fatigued/Drowsy	66	0.2	1	33	32
Fell Asleep	138	0.4	1	79	58
Following Too Closely	2,323	7.3	2	1,207	1,114
Illness	20	0.1	1	15	4
Lost Consciousness	16	0.1	0	13	3
Other Electronic Device	5	<0.1	0	3	2
Outside Car Distraction	42	0.1	1	21	20
Passenger Distraction	34	0.1	0	23	11
Passing or Lane Usage Improper	847	2.7	32	414	401
Pedestrian/Bicyclist/Other Ped Error/Confusion	47	0.1	3	44	0
Physical Disability	8	<0.1	0	6	2
Prescription Medication	29	0.1	0	20	9
Reaction to Other Uninvolved Vehicle	563	1.8	2	270	291
Traffic Control Disregarded	827	2.6	15	548	264
Turning Improperly	528	1.7	2	273	253
Unsafe Lane Changing	870	2.7	12	481	377
Unsafe Speed	31,074	97.9	362	14,041	16,671
Other Human	28	0.1	2	18	8
Accidents With Vehicular Factors	742	2.3	7	417	318
Accelerator Defective	8	<0.1	0	5	3
Brakes Defective	104	0.3	1	62	41
Driverless/Runaway Vehicle	2	<0.1	0	2	0
Headlights Defective	3	<0.1	0	2	1
Other Lighting Defects	3	<0.1	0	0	3
Oversized Vehicle	11	<0.1	0	6	5
Steering Failure	48	0.2	0	21	27
Tire Failure/Inadequate	268	0.8	0	132	136
Tow Hitch Defective	5	<0.1	0	1	4
Windshield Inadequate	3	<0.1	0	3	0
Other Vehicular	294	0.9	6	187	101
Accidents With Environmental Factors	12,504	39.4	50	4,272	8,182
Animal's Action	365	1.2	0	151	214
Glare	59	0.2	0	35	24
Lane Marking Improper/Inadequate	3	<0.1	0	2	1
Obstruction/Debris	94	0.3	1	53	40
Pavement Defective	48	0.2	0	32	16
Pavement Slippery	11,655	36.7	46	3,835	7,774
Shoulders Defective/Improper	1	<0.1	0	1	0
Traffic Control Device Improper/Non-Working	12	<0.1	1	9	2
View Obstructed/Limited	304	1.0	3	175	126
Other Environmental	4	<0.1	0	1	3

Note: Many accidents have multiple factors reported.

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TABLE 8(P) Driver Age and Gender									
	Total Drivers		Non-Speeding Drivers		Speeding Drivers by Severity of Accident				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	44,842	100.0	13,262	100.0	31,580	100.0	376	14,395	16,809
Male	28,785	64.2	7,985	60.2	20,800	65.9	312	9,469	11,019
Under 16	49	0.1	0	0.0	49	0.2	1	26	22
16 - 17	1,586	3.5	100	0.8	1,486	4.7	18	651	817
18 - 20	4,110	9.2	410	3.1	3,700	11.7	54	1,629	2,017
21 - 24	4,197	9.4	581	4.4	3,616	11.5	56	1,622	1,938
25 - 29	3,542	7.9	805	6.1	2,737	8.7	57	1,229	1,451
30 - 34	2,538	5.7	800	6.0	1,738	5.5	25	864	849
35 - 39	2,461	5.5	888	6.7	1,573	5.0	30	704	839
40 - 44	2,478	5.5	936	7.1	1,542	4.9	25	734	783
45 - 49	2,357	5.3	998	7.5	1,359	4.3	11	618	730
50 - 54	1,865	4.2	813	6.1	1,052	3.3	14	511	527
55 - 59	1,322	2.9	606	4.6	716	2.3	7	318	391
60 - 64	925	2.1	415	3.1	510	1.6	9	228	273
65 - 69	521	1.2	256	1.9	265	0.8	1	121	143
70 - 74	338	0.8	166	1.3	172	0.5	0	75	97
75 - 79	210	0.5	84	0.6	126	0.4	0	68	58
80 and Over	232	0.5	90	0.7	142	0.4	4	60	78
Unknown Age	54	0.1	37	0.3	17	0.1	0	11	6
Female	14,902	33.2	4,848	36.6	10,054	31.8	60	4,589	5,405
Under 16	12	<0.1	1	<0.1	11	<0.1	0	6	5
16 - 17	817	1.8	94	0.7	723	2.3	5	335	383
18 - 20	2,063	4.6	299	2.3	1,764	5.6	12	807	945
21 - 24	2,098	4.7	486	3.7	1,612	5.1	7	686	919
25 - 29	1,684	3.8	526	4.0	1,158	3.7	6	556	596
30 - 34	1,291	2.9	463	3.5	828	2.6	4	399	425
35 - 39	1,363	3.0	509	3.8	854	2.7	3	398	453
40 - 44	1,436	3.2	588	4.4	848	2.7	4	394	450
45 - 49	1,338	3.0	592	4.5	746	2.4	4	341	401
50 - 54	982	2.2	438	3.3	544	1.7	3	245	296
55 - 59	703	1.6	322	2.4	381	1.2	2	159	220
60 - 64	473	1.1	232	1.7	241	0.8	4	111	126
65 - 69	249	0.6	130	1.0	119	0.4	0	49	70
70 - 74	165	0.4	83	0.6	82	0.3	1	40	41
75 - 79	123	0.3	46	0.3	77	0.2	1	33	43
80 and Over	99	0.2	37	0.3	62	0.2	4	27	31
Unknown Age	6	<0.1	2	<0.1	4	<0.1	0	3	1
Unknown Gender	1,155	2.6	429	3.2	726	2.3	4	337	385

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	21,543	100.0	406	21,137
Under 5	201	0.9	2	199
5 - 9	373	1.7	2	371
10 - 13	343	1.6	5	338
14 - 17	1,899	8.8	29	1,870
18 - 20	3,064	14.2	59	3,005
21 - 24	2,882	13.4	59	2,823
25 - 29	2,486	11.5	53	2,433
30 - 34	1,786	8.3	29	1,757
35 - 39	1,605	7.5	30	1,575
40 - 44	1,569	7.3	34	1,535
45 - 49	1,530	7.1	21	1,509
50 - 54	1,136	5.3	19	1,117
55 - 59	797	3.7	8	789
60 - 64	578	2.7	17	561
65 - 69	328	1.5	6	322
70 - 74	241	1.1	6	235
75 - 79	171	0.8	7	164
80 and Over	197	0.9	14	183
Unknown Age	357	1.7	6	351

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	64,268	100.0	313	1,927	3,586	14,048	228	44,166
No Restraint Used	3,157	4.9	95	383	399	833	23	1,424
Air Bag Deployed	972	1.5	52	123	124	287	4	382
with Child Restraint	19	<0.1	1	1	3	2	0	12
with Harness	254	0.4	2	8	37	83	0	124
with Lap Belt	297	0.5	3	7	29	115	1	142
with Lap Belt & Harness	5,157	8.0	58	296	592	1,782	22	2,407
Child Restraint Only	1,429	2.2	2	10	55	138	2	1,222
Harness	523	0.8	1	14	26	151	11	320
Lap Belt	2,007	3.1	2	60	86	559	20	1,280
Lap Belt & Harness	45,892	71.4	62	885	2,063	9,363	119	33,400
Other	16	<0.1	0	1	2	4	0	9
Unknown	4,545	7.1	35	139	170	731	26	3,444
Motorcyclists	916	100.0	68	273	234	276	6	59
No Helmet Used	104	11.4	8	33	26	31	0	6
Helmet Used	763	83.3	58	226	197	231	6	45
Unknown	49	5.3	2	14	11	14	0	8
Bicyclists	92	100.0	1	16	32	38	4	1
No Helmet Used	33	35.9	1	7	9	14	2	0
Helmet Used	16	17.4	0	2	8	5	0	1
Unknown	43	46.7	0	7	15	19	2	0