

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

2012

TABLE 1(P) Speed-Related (S-R) Crashes	
Category Totals	Police Reported
Total Crashes	26,630
Fatal Crashes	310
Non-Fatal Personal Injury Crashes	12,216
Reportable Property Damage Crashes	14,104
Vehicles	40,651
Drivers Involved	37,853
<i>Speeding Drivers</i>	26,362
<i>Non-Speeding Drivers</i>	11,491
Vehicle Occupants	55,040
Special S-R Crash Series	
S-R Pedestrian/Motor Vehicle Crashes	465
S-R Bicycle/Motor Vehicle Crashes	113
S-R Motorcycle Crashes	876
Fatalities	
Persons Killed (1)	348
Drivers Killed	242
<i>Speeding Drivers</i>	215
<i>Non-Speeding Drivers</i>	27
Passengers Killed	77
Pedestrians Killed	27
Bicyclists Killed	2
Other	0
Non-Fatal Injuries	
Persons Injured (1)	17,999
Drivers Injured	11,899
Passengers Injured	5,480
Pedestrians Injured	462
Bicyclists Injured	114
Other	44
(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 Crash		
	Number	Percent
Total	26,630	100.0
Fatal (K) Crashes	310	1.2
Personal Injury Crashes		
Serious (A)	1,754	6.6
Moderate (B)	2,508	9.4
Minor (C)	7,619	28.6
Unknown Severity	335	1.3
Property Damage (O) Crashes	14,104	53.0

General Notes

- * All tables are based on information received only from police reports.
- * The Property Damage Crash 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 Crashes	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	26,630	2,411	2,050	3,570	3,306	3,955	4,731	3,469	3,081	57
Sunday										
Total	3,718	588	475	328	399	523	529	497	370	9
Fatal	59	14	12	2	4	10	5	6	6	0
Personal Injury	1,754	264	216	144	179	238	264	262	179	8
Property Damage	1,905	310	247	182	216	275	260	229	185	1
Monday										
Total	3,179	224	206	521	376	440	601	436	364	11
Fatal	45	6	7	3	1	4	8	9	7	0
Personal Injury	1,553	103	81	235	189	224	318	213	183	7
Property Damage	1,581	115	118	283	186	212	275	214	174	4
Tuesday										
Total	3,258	225	175	491	405	497	647	437	375	6
Fatal	25	3	0	1	4	1	2	9	5	0
Personal Injury	1,573	93	74	225	208	251	323	213	181	5
Property Damage	1,660	129	101	265	193	245	322	215	189	1
Wednesday										
Total	3,235	186	166	456	391	505	676	448	403	4
Fatal	25	2	4	1	0	1	4	4	9	0
Personal Injury	1,563	73	71	229	208	243	334	220	183	2
Property Damage	1,647	111	91	226	183	261	338	224	211	2
Thursday										
Total	3,591	263	239	532	449	476	669	520	435	8
Fatal	50	7	5	5	3	5	13	5	6	1
Personal Injury	1,597	106	100	231	180	224	320	239	193	4
Property Damage	1,944	150	134	296	266	247	336	276	236	3
Friday										
Total	4,354	296	276	587	535	651	854	563	583	9
Fatal	36	6	1	2	3	5	3	7	9	0
Personal Injury	1,966	129	111	230	232	290	416	288	266	4
Property Damage	2,352	161	164	355	300	356	435	268	308	5
Saturday										
Total	5,295	629	513	655	751	863	755	568	551	10
Fatal	70	15	20	2	4	4	13	6	6	0
Personal Injury	2,210	254	222	212	277	372	339	258	272	4
Property Damage	3,015	360	271	441	470	487	403	304	273	6

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	26,630	100.0	310	12,216	14,104
State Police	10,975	41.2	93	4,107	6,775
County Police	7,002	26.3	106	3,068	3,828
New York City Police (NYPD)	3,470	13.0	60	2,688	722
Municipal Police (non-NYC)	5,183	19.5	51	2,353	2,779
Unknown	0	0.0	0	0	0

TABLE 5(P) Jurisdictional Road System					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

TABLE 6(P) Manner of Collision					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	26,630	100.0	310	12,216	14,104
Single Vehicle Crashes	15,812	59.4	187	6,277	9,348
Two Vehicle Crashes	8,455	31.7	95	4,366	3,994
3 or More Vehicle Crashes	2,363	8.9	28	1,573	762

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TABLE 7(P) Crash Contributing Factors					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Crashes	26,630	100.0	310	12,216	14,104
Crashes With No Factor Reported	4	<0.1	1	0	3
Crashes With One or More Factors Reported	26,626	99.9	309	12,216	14,101
Crashes With Human Factors	26,595	99.9	309	12,204	14,082
Aggressive Driving/Road Rage	335	1.3	5	224	106
Alcohol Involvement	2,109	7.9	67	1,120	922
Backing Unsafely	116	0.4	1	37	78
Cell Phone (hand held)	43	0.2	1	22	20
Cell Phone (hands free)	4	<0.1	0	3	1
Driver Inattention/Distracted	1,670	6.3	25	977	668
Driver Inexperience	711	2.7	10	400	301
Drugs (Illegal)	103	0.4	2	58	43
Eating or Drinking*	2	<0.1	0	1	1
Failure to Keep Right	862	3.2	21	416	425
Failure to Yield R.O.W.	953	3.6	16	668	269
Fatigued/Drowsy	75	0.3	0	44	31
Fell Asleep	128	0.5	0	71	57
Following too Closely	2,449	9.2	5	1,345	1,099
Illness	22	0.1	0	18	4
Listening/Using Headphones*	1	<0.1	0	1	0
Lost Consciousness	26	0.1	0	24	2
Other Electronic Device	8	<0.1	1	3	4
Outside Car Distraction	51	0.2	1	29	21
Passenger Distraction	32	0.1	0	18	14
Passing or Lane Usage Improper	1,010	3.8	27	499	484
Passing too Closely*	37	0.1	0	19	18
Pedestrian/Bicyclist/Other Ped Error/Confusion	84	0.3	8	76	0
Physical Disability	11	<0.1	0	9	2
Prescription Medication	42	0.2	0	26	16
Reaction to Other Uninvolved Vehicle	425	1.6	1	222	202
Texting*	3	<0.1	0	2	1
Traffic Control Disregarded	788	3.0	11	514	263
Turning Improperly	594	2.2	5	308	281
Unsafe Lane Changing	907	3.4	23	505	379
Unsafe Speed	25,950	97.4	300	11,864	13,786
Using On Board Navigation Device*	4	<0.1	0	3	1
Other Human	5	<0.1	0	3	2
Crashes With Vehicular Factors	763	2.9	4	379	380
Accelerator Defective	10	<0.1	0	6	4
Brakes Defective	121	0.5	0	62	59
Driverless/Runaway Vehicle	5	<0.1	0	2	3
Headlights Defective	3	<0.1	0	2	1
Other Lighting Defects	4	<0.1	0	3	1
Oversized Vehicle	10	<0.1	0	9	1
Steering Failure	39	0.1	0	21	18
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	353	1.3	1	151	201
Tow Hitch Defective	2	<0.1	0	0	2
Windshield Inadequate	3	<0.1	0	3	0
Other Vehicular	222	0.8	3	125	94
Crashes With Environmental Factors	8,650	32.5	22	2,819	5,809
Animal's Action	348	1.3	1	134	213
Glare	43	0.2	1	25	17
Lane Marking Improper/Inadequate	2	<0.1	0	2	0
Obstruction/Debris	76	0.3	0	41	35
Pavement Defective	22	0.1	0	11	11
Pavement Slippery	7,990	30.0	19	2,497	5,474
Shoulders Defective/Improper	2	<0.1	0	2	0
Traffic Control Device Improper/Non-Working	21	0.1	0	16	5
View Obstructed/Limited	159	0.6	1	99	59
Other Environmental	2	<0.1	0	1	1

* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

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	Total Drivers		Non-Speeding Drivers		Speeding Drivers by Severity of Crash				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	37,853	100.0	11,491	100.0	26,362	100.0	313	12,224	13,825
Male	24,115	63.7	6,873	59.8	17,242	65.4	266	7,930	9,046
Under 16	26	0.1	2	<0.1	24	0.1	1	10	13
16 - 17	938	2.5	64	0.6	874	3.3	7	363	504
18 - 20	3,051	8.1	288	2.5	2,763	10.5	41	1,145	1,577
21 - 24	3,702	9.8	518	4.5	3,184	12.1	51	1,400	1,733
25 - 29	3,136	8.3	686	6.0	2,450	9.3	40	1,154	1,256
30 - 34	2,223	5.9	631	5.5	1,592	6.0	20	777	795
35 - 39	1,932	5.1	662	5.8	1,270	4.8	26	617	627
40 - 44	1,865	4.9	727	6.3	1,138	4.3	19	557	562
45 - 49	1,937	5.1	825	7.2	1,112	4.2	20	522	570
50 - 54	1,707	4.5	780	6.8	927	3.5	15	453	459
55 - 59	1,302	3.4	600	5.2	702	2.7	8	340	354
60 - 64	948	2.5	465	4.0	483	1.8	6	253	224
65 - 69	556	1.5	261	2.3	295	1.1	2	143	150
70 - 74	317	0.8	153	1.3	164	0.6	4	73	87
75 - 79	195	0.5	92	0.8	103	0.4	0	47	56
80 and Over	248	0.7	105	0.9	143	0.5	5	67	71
Unknown Age	32	0.1	14	0.1	18	0.1	1	9	8
Female	12,477	33.0	4,249	37.0	8,228	31.2	42	3,858	4,328
Under 16	5	<0.1	0	0.0	5	<0.1	0	5	0
16 - 17	425	1.1	59	0.5	366	1.4	1	176	189
18 - 20	1,634	4.3	255	2.2	1,379	5.2	6	649	724
21 - 24	1,928	5.1	414	3.6	1,514	5.7	9	644	861
25 - 29	1,592	4.2	475	4.1	1,117	4.2	6	526	585
30 - 34	1,218	3.2	431	3.8	787	3.0	4	393	390
35 - 39	970	2.6	392	3.4	578	2.2	4	295	279
40 - 44	968	2.6	435	3.8	533	2.0	2	248	283
45 - 49	1,058	2.8	498	4.3	560	2.1	4	249	307
50 - 54	861	2.3	406	3.5	455	1.7	2	224	229
55 - 59	681	1.8	325	2.8	356	1.4	2	173	181
60 - 64	448	1.2	235	2.0	213	0.8	0	105	108
65 - 69	274	0.7	136	1.2	138	0.5	0	52	86
70 - 74	184	0.5	93	0.8	91	0.3	0	50	41
75 - 79	114	0.3	45	0.4	69	0.3	1	36	32
80 and Over	107	0.3	46	0.4	61	0.2	1	31	29
Unknown Age	10	<0.1	4	<0.1	6	<0.1	0	2	4
Unknown Gender	1,261	3.3	369	3.2	892	3.4	5	436	451

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	18,347	100.0	348	17,999
Under 5	237	1.3	3	234
5 - 9	308	1.7	3	305
10 - 13	289	1.6	4	285
14 - 17	1,130	6.2	14	1,116
18 - 20	2,233	12.2	38	2,195
21 - 24	2,653	14.5	68	2,585
25 - 29	2,226	12.1	39	2,187
30 - 34	1,587	8.6	28	1,559
35 - 39	1,267	6.9	27	1,240
40 - 44	1,211	6.6	28	1,183
45 - 49	1,292	7.0	24	1,268
50 - 54	1,132	6.2	21	1,111
55 - 59	876	4.8	12	864
60 - 64	597	3.3	5	592
65 - 69	345	1.9	4	341
70 - 74	241	1.3	6	235
75 - 79	161	0.9	2	159
80 and Over	202	1.1	16	186
Unknown Age	360	2.0	6	354

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	54,089	100.0	240	1,731	2,678	11,862	307	37,271
No Restraint Used	2,349	4.3	59	292	230	654	26	1,088
Air Bag Deployed	835	1.5	42	117	113	224	6	333
with Child Restraint	27	<0.1	0	1	4	5	2	15
with Harness	169	0.3	2	12	19	57	4	75
with Lap Belt	299	0.6	4	12	31	129	3	120
with Lap Belt & Harness	5,104	9.4	60	337	555	1,733	27	2,392
Child Restraint Only	1,279	2.4	2	14	36	154	24	1,049
Harness	215	0.4	3	6	8	63	0	135
Lap Belt	1,736	3.2	4	46	71	510	30	1,075
Lap Belt & Harness	38,022	70.3	40	766	1,485	7,740	150	27,841
Other	16	<0.1	0	0	1	2	0	13
Unknown	4,038	7.5	24	128	125	591	35	3,135
Motorcyclists	951	100.0	79	274	241	284	2	71
No Helmet Used	107	11.3	8	27	26	34	1	11
Helmet Used	778	81.8	64	237	199	233	0	45
Unknown	66	6.9	7	10	16	17	1	15
Bicyclists	118	100.0	2	16	41	55	2	2
No Helmet Used	50	42.4	1	6	18	22	2	1
Helmet Used	20	16.9	0	3	6	11	0	0
Unknown	48	40.7	1	7	17	22	0	1