

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

2011

TABLE 1(P) Alcohol-Related (A-R) Crashes	
Category Totals	Police Reported
Total Crashes	8,461
Fatal Crashes	330
Non-Fatal Personal Injury Crashes	4,298
Reportable Property Damage Crashes	3,833
Vehicles	13,389
Drivers Involved	11,357
<i>Drinking Drivers</i>	8,014
<i>Non-Drinking Drivers</i>	3,343
Vehicle Occupants	16,083
Special A-R Crash Series	
A-R Pedestrian/Motor Vehicle Crashes	460
A-R Bicycle/Motor Vehicle Crashes	105
A-R Motorcycle Crashes	204
Fatalities	
<i>Persons Killed (1)</i>	362
Drivers Killed	185
<i>Drinking Drivers</i>	170
<i>Non-Drinking Drivers</i>	15
Passengers Killed	73
Pedestrians Killed	91
Bicyclists Killed	13
Other	0
Non-Fatal Injuries	
<i>Persons Injured (1)</i>	6,121
Drivers Injured	3,874
Passengers Injured	1,726
Pedestrians Injured	382
Bicyclists Injured	91
Other	48
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</small>	

TABLE 2(P) Severity of Crash		
	Number	Percent
Total	8,461	100.0
Fatal (K) Crashes	330	3.9
Personal Injury Crashes		
Serious (A)	999	11.8
Moderate (B)	1,141	13.5
Minor (C)	2,026	23.9
Unknown Severity	132	1.6
Property Damage (O) Crashes	3,833	45.3

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	8,461	2,160	1,488	407	192	342	724	1,265	1,858	25
Sunday										
Total	1,817	539	487	134	31	51	113	235	224	3
Fatal	75	18	28	4	2	1	6	9	7	0
Personal Injury	924	259	229	68	16	34	62	132	122	2
Property Damage	818	262	230	62	13	16	45	94	95	1
Monday										
Total	767	158	102	36	27	35	98	147	160	4
Fatal	35	6	7	3	1	0	4	9	5	0
Personal Injury	406	77	48	20	18	17	52	88	85	1
Property Damage	326	75	47	13	8	18	42	50	70	3
Tuesday										
Total	711	151	59	35	13	43	85	127	194	4
Fatal	22	5	1	3	0	3	1	3	5	1
Personal Injury	353	71	31	14	6	27	54	65	84	1
Property Damage	336	75	27	18	7	13	30	59	105	2
Wednesday										
Total	818	164	86	23	30	48	99	124	242	2
Fatal	25	2	5	0	0	3	3	4	8	0
Personal Injury	424	83	50	14	16	30	47	74	108	2
Property Damage	369	79	31	9	14	15	49	46	126	0
Thursday										
Total	930	211	100	34	19	50	83	183	246	4
Fatal	35	7	5	4	0	1	0	4	13	1
Personal Injury	455	79	47	15	13	32	53	102	113	1
Property Damage	440	125	48	15	6	17	30	77	120	2
Friday										
Total	1,327	314	171	40	24	52	118	213	394	1
Fatal	52	14	2	2	2	1	3	11	17	0
Personal Injury	657	149	79	21	11	32	60	102	202	1
Property Damage	618	151	90	17	11	19	55	100	175	0
Saturday										
Total	2,091	623	483	105	48	63	128	236	398	7
Fatal	86	24	21	4	2	3	5	11	16	0
Personal Injury	1,079	284	241	56	31	35	76	134	219	3
Property Damage	926	315	221	45	15	25	47	91	163	4

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	8,461	100.0	330	4,298	3,833
State Police	1,799	21.3	64	824	911
County Police	2,563	30.3	122	1,257	1,184
New York City Police (NYPD)	1,126	13.3	62	841	223
Municipal Police (non-NYC)	2,973	35.1	82	1,376	1,515
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	8,461	100.0	330	4,298	3,833
Single Vehicle Crashes	4,646	54.9	226	2,283	2,137
Two Vehicle Crashes	3,047	36.0	84	1,586	1,377
3 or More Vehicle Crashes	768	9.1	20	429	319

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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	8,461	100.0	330	4,298	3,833
Crashes With No Factor Reported	68	0.8	35	21	12
Crashes With One or More Factors Reported	8,393	99.2	295	4,277	3,821
Crashes With Human Factors	8,379	99.0	287	4,276	3,816
Aggressive Driving/Road Rage	78	0.9	4	49	25
Alcohol Involvement	7,934	93.8	129	4,127	3,678
Backing Unsafely	141	1.7	2	36	103
Cell Phone (hand held)	87	1.0	1	32	54
Cell Phone (hands free)	1	<0.1	0	1	0
Driver Inattention/Distraction	648	7.7	31	296	321
Driver Inexperience	60	0.7	7	30	23
Drugs (Illegal)	161	1.9	1	88	72
Eating or Drinking*	1	<0.1	0	1	0
Failure to Keep Right	560	6.6	25	274	261
Failure to Yield R.O.W.	362	4.3	18	236	108
Fatigued/Drowsy	62	0.7	1	25	36
Fell Asleep	210	2.5	5	89	116
Following too Closely	460	5.4	4	273	183
Illness	6	0.1	1	3	2
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	23	0.3	0	15	8
Other Electronic Device	9	0.1	0	2	7
Outside Car Distraction	16	0.2	1	10	5
Passenger Distraction	14	0.2	2	10	2
Passing or Lane Usage Improper	698	8.2	22	311	365
Passing too Closely*	3	<0.1	0	1	2
Pedestrian/Bicyclist/Other Ped Error/Confusion	171	2.0	44	126	1
Physical Disability	3	<0.1	0	1	2
Prescription Medication	93	1.1	1	50	42
Reaction to Other Uninvolved Vehicle	49	0.6	1	31	17
Texting*	12	0.1	0	5	7
Traffic Control Disregarded	329	3.9	19	187	123
Turning Improperly	189	2.2	2	57	130
Unsafe Lane Changing	317	3.7	11	130	176
Unsafe Speed	1,825	21.6	125	970	730
Using On Board Navigation Device*	1	<0.1	0	0	1
Other Human	7	0.1	0	2	5
Crashes With Vehicular Factors	127	1.5	10	54	63
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	12	0.1	0	4	8
Driverless/Runaway Vehicle	1	<0.1	0	0	1
Headlights Defective	1	<0.1	0	0	1
Other Lighting Defects	0	0.0	0	0	0
Oversized Vehicle	1	<0.1	0	1	0
Steering Failure	5	0.1	0	1	4
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	17	0.2	1	3	13
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	1	0	0
Other Vehicular	88	1.0	8	44	36
Crashes With Environmental Factors	289	3.4	19	132	138
Animal's Action	113	1.3	0	47	66
Glare	8	0.1	2	5	1
Lane Marking Improper/Inadequate	1	<0.1	0	0	1
Obstruction/Debris	11	0.1	3	4	4
Pavement Defective	1	<0.1	0	0	1
Pavement Slippery	131	1.5	9	60	62
Shoulders Defective/Improper	0	0.0	0	0	0
Traffic Control Device Improper/Non-Working	1	<0.1	1	0	0
View Obstructed/Limited	27	0.3	4	18	5
Other Environmental	0	0.0	0	0	0

* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

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TABLE 8(P) Driver Age and Gender									
	Total Drivers		Non-Drinking Drivers		Drinking Drivers by Severity of Crash				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	11,357	100.0	3,343	100.0	8,014	100.0	239	4,001	3,774
Male	8,083	71.2	2,098	62.8	5,985	74.7	213	3,016	2,756
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	81	0.7	18	0.5	63	0.8	4	33	26
18 - 20	569	5.0	126	3.8	443	5.5	14	210	219
21 - 24	1,256	11.1	183	5.5	1,073	13.4	28	503	542
25 - 29	1,302	11.5	256	7.7	1,046	13.1	36	515	495
30 - 34	970	8.5	237	7.1	733	9.1	15	392	326
35 - 39	720	6.3	208	6.2	512	6.4	21	257	234
40 - 44	761	6.7	219	6.6	542	6.8	29	287	226
45 - 49	744	6.6	218	6.5	526	6.6	12	294	220
50 - 54	628	5.5	194	5.8	434	5.4	22	227	185
55 - 59	469	4.1	187	5.6	282	3.5	12	141	129
60 - 64	250	2.2	107	3.2	143	1.8	7	72	64
65 - 69	159	1.4	66	2.0	93	1.2	5	46	42
70 - 74	83	0.7	33	1.0	50	0.6	1	21	28
75 - 79	44	0.4	27	0.8	17	0.2	3	4	10
80 and Over	35	0.3	13	0.4	22	0.3	3	12	7
Unknown Age	12	0.1	6	0.2	6	0.1	1	2	3
Female	2,979	26.2	1,022	30.6	1,957	24.4	26	951	980
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	33	0.3	13	0.4	20	0.2	0	9	11
18 - 20	229	2.0	75	2.2	154	1.9	4	84	66
21 - 24	467	4.1	124	3.7	343	4.3	8	151	184
25 - 29	487	4.3	119	3.6	368	4.6	4	174	190
30 - 34	347	3.1	124	3.7	223	2.8	3	105	115
35 - 39	245	2.2	80	2.4	165	2.1	1	77	87
40 - 44	284	2.5	98	2.9	186	2.3	2	102	82
45 - 49	310	2.7	124	3.7	186	2.3	0	94	92
50 - 54	237	2.1	78	2.3	159	2.0	1	81	77
55 - 59	142	1.3	69	2.1	73	0.9	0	28	45
60 - 64	102	0.9	55	1.6	47	0.6	1	29	17
65 - 69	52	0.5	34	1.0	18	0.2	2	6	10
70 - 74	28	0.2	16	0.5	12	0.1	0	10	2
75 - 79	11	0.1	10	0.3	1	<0.1	0	0	1
80 and Over	5	<0.1	3	0.1	2	<0.1	0	1	1
Unknown Age	0	0.0	0	0.0	0	0.0	0	0	0
Unknown Gender	295	2.6	223	6.7	72	0.9	0	34	38

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	6,483	100.0	362	6,121
Under 5	47	0.7	0	47
5 - 9	68	1.0	1	67
10 - 13	54	0.8	1	53
14 - 17	162	2.5	5	157
18 - 20	592	9.1	32	560
21 - 24	1,016	15.7	55	961
25 - 29	1,008	15.5	48	960
30 - 34	700	10.8	27	673
35 - 39	497	7.7	25	472
40 - 44	567	8.7	33	534
45 - 49	526	8.1	30	496
50 - 54	439	6.8	44	395
55 - 59	281	4.3	20	261
60 - 64	191	2.9	14	177
65 - 69	98	1.5	7	91
70 - 74	46	0.7	4	42
75 - 79	27	0.4	4	23
80 and Over	31	0.5	5	26
Unknown Age	133	2.1	7	126

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	15,864	100.0	209	973	1,252	3,118	98	10,214
No Restraint Used	1,092	6.9	58	188	148	236	9	453
Air Bag Deployed	558	3.5	32	110	88	114	8	206
with Child Restraint	5	<0.1	0	0	1	2	0	2
with Harness	55	0.3	4	8	9	14	0	20
with Lap Belt	109	0.7	1	15	11	34	1	47
with Lap Belt & Harness	1,681	10.6	29	149	237	479	10	777
Child Restraint Only	231	1.5	0	4	15	29	5	178
Harness	114	0.7	1	6	4	28	0	75
Lap Belt	603	3.8	0	27	44	174	4	354
Lap Belt & Harness	9,390	59.2	43	338	576	1,801	52	6,580
Other	12	0.1	2	1	1	0	0	8
Unknown	2,014	12.7	39	127	118	207	9	1,514
Motorcyclists	219	100.0	49	64	43	50	2	11
No Helmet Used	29	13.2	3	15	7	2	1	1
Helmet Used	176	80.4	42	47	34	44	1	8
Unknown	14	6.4	4	2	2	4	0	2
Bicyclists	107	100.0	13	24	24	41	2	3
No Helmet Used	54	50.5	5	12	10	22	2	3
Helmet Used	8	7.5	0	3	3	2	0	0
Unknown	45	42.1	8	9	11	17	0	0