

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

2002

TABLE 1(P) Alcohol-Related (A-R) Accidents	
Category Totals	Police Reported
Total Accidents	6,436
Fatal Accidents	321
Non-Fatal Personal Injury Accidents	5,885
Reportable Property Damage Accidents	230
Vehicles	10,399
Drivers Involved	9,243
<i>Drinking Drivers</i>	6,146
<i>Non-Drinking Drivers</i>	3,097
Vehicle Occupants	13,997
Special A-R Accident Series	
A-R Pedestrian/Motor Vehicle Accidents	413
A-R Bicycle/Motor Vehicle Accidents	115
A-R Motorcycle Accidents	158
Fatalities	
Persons Killed (1)	363
Drivers Killed	209
Passengers Killed	89
Pedestrians Killed	61
Bicyclists Killed	4
Other	0
Non-Fatal Injuries	
Persons Injured (1)	8,910
Drivers Injured	5,668
Passengers Injured	2,712
Pedestrians Injured	363
Bicyclists Injured	111
Other	56
(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	6,436	100.0
Fatal (K) Accidents	321	5.0
Personal Injury Accidents		
Serious (A)	1,309	20.3
Moderate (B)	1,829	28.4
Minor (C)	2,599	40.4
Unknown Severity	148	2.3
Property Damage (O) Accidents	230	3.6

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	6,436	1,310	856	278	163	256	673	1,121	1,395	384
Sunday										
Total	1,268	338	265	69	25	36	85	182	181	87
Fatal	66	16	22	3	3	4	6	6	2	4
Personal Injury	1,169	313	236	66	21	31	78	170	175	79
Property Damage	33	9	7	0	1	1	1	6	4	4
Monday										
Total	650	116	52	30	21	31	104	120	137	39
Fatal	41	8	2	2	2	2	6	5	12	2
Personal Injury	588	106	47	27	17	27	93	112	122	37
Property Damage	21	2	3	1	2	2	5	3	3	0
Tuesday										
Total	621	112	60	24	20	26	83	124	151	21
Fatal	36	3	9	3	1	1	6	5	7	1
Personal Injury	562	107	49	19	18	23	70	116	142	18
Property Damage	23	2	2	2	1	2	7	3	2	2
Wednesday										
Total	593	110	45	23	9	17	66	143	148	32
Fatal	34	4	2	1	1	1	2	12	10	1
Personal Injury	530	103	43	19	8	15	59	124	130	29
Property Damage	29	3	0	3	0	1	5	7	8	2
Thursday										
Total	731	129	61	26	19	32	85	152	189	38
Fatal	34	8	2	2	2	0	7	5	5	3
Personal Injury	665	116	59	21	16	31	75	139	173	35
Property Damage	32	5	0	3	1	1	3	8	11	0
Friday										
Total	1,033	161	98	30	24	40	112	203	306	59
Fatal	45	4	3	2	3	2	7	9	14	1
Personal Injury	947	151	94	27	21	34	101	182	280	57
Property Damage	41	6	1	1	0	4	4	12	12	1
Saturday										
Total	1,540	344	275	76	45	74	138	197	283	108
Fatal	65	14	21	2	2	3	4	3	12	4
Personal Injury	1,424	323	245	72	40	69	128	182	265	100
Property Damage	51	7	9	2	3	2	6	12	6	4

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	6,436	100.0	321	5,885	230
State Police	1,506	23.4	90	1,352	64
County Police	1,902	29.6	129	1,706	67
New York City Police (NYPD)	985	15.3	24	933	28
Municipal Police (non-NYC)	2,042	31.7	78	1,893	71
Other	1	<0.1	0	1	0
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	6,436	100.0	321	5,885	230
State Routes	1,814	28.2	119	1,623	72
County Routes	648	10.1	44	589	15
Town Routes	1,491	23.2	69	1,368	54
Municipal Streets	1,894	29.4	54	1,775	65
Parkways	235	3.7	18	210	7
Thruway	82	1.3	6	74	2
Other Interstates	232	3.6	10	211	11
Unknown	40	0.6	1	35	4

TABLE 6(P) Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	6,436	100.0	321	5,885	230
Single Vehicle Accidents	3,323	51.6	219	3,041	63
Two Vehicle Accidents	2,506	38.9	84	2,281	141
3 or More Vehicle Accidents	607	9.4	18	563	26

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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	6,436	100.0	321	5,885	230
Accidents With No Factor Reported	62	1.0	25	35	2
Accidents With One or More Factors Reported	6,374	99.0	296	5,850	228
Accidents With Human Factors	6,366	98.9	292	5,846	228
Aggressive Driving/Road Rage*	62	1.0	2	58	2
Alcohol Involvement	6,048	94.0	219	5,618	211
Backing Unsafely	50	0.8	0	46	4
Cell Phone (hand held)*	11	0.2	0	10	1
Cell Phone (hands free)*	0	0.0	0	0	0
Driver Inattention/Distraction	439	6.8	17	411	11
Driver Inexperience	48	0.7	0	47	1
Drugs (Illegal)	154	2.4	4	143	7
Failure to Keep Right	329	5.1	16	302	11
Failure to Yield R.O.W.	394	6.1	8	373	13
Fatigued/Drowsy	41	0.6	0	36	5
Fell Asleep	154	2.4	5	143	6
Following Too Closely	378	5.9	3	353	22
Illness	6	0.1	0	6	0
Lost Consciousness	23	0.4	0	21	2
Other Electronic Device*	1	<0.1	0	1	0
Outside Car Distraction*	5	0.1	1	4	0
Passenger Distraction*	33	0.5	1	29	3
Passing or Lane Usage Improper	360	5.6	25	316	19
Pedestrian/Bicyclist/Other Ped Error/Confusion	144	2.2	25	119	0
Physical Disability	5	0.1	0	5	0
Prescription Medication	50	0.8	1	42	7
Reaction to Other Uninvolved Vehicle*	33	0.5	0	31	2
Traffic Control Disregarded	283	4.4	14	262	7
Turning Improperly	103	1.6	3	94	6
Unsafe Lane Changing	151	2.3	9	136	6
Unsafe Speed	1,536	23.9	129	1,382	25
Other Human	86	1.3	10	73	3
Accidents With Vehicular Factors	113	1.8	11	98	4
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	16	0.2	1	15	0
Driverless/Runaway Vehicle	6	0.1	1	5	0
Headlights Defective	6	0.1	2	4	0
Other Lighting Defects	2	<0.1	0	2	0
Oversized Vehicle	0	0.0	0	0	0
Steering Failure	4	0.1	1	3	0
Tire Failure/Inadequate	12	0.2	3	9	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	70	1.1	4	62	4
Accidents With Environmental Factors	245	3.8	17	219	9
Animal's Action	92	1.4	1	91	0
Glare	7	0.1	1	6	0
Lane Marking Improper/Inadequate	0	0.0	0	0	0
Obstruction/Debris	8	0.1	0	8	0
Pavement Defective	2	<0.1	0	2	0
Pavement Slippery	107	1.7	9	91	7
Shoulders Defective/Improper	1	<0.1	0	1	0
Traffic Control Device Improper/Non-Working	1	<0.1	0	0	1
View Obstructed/Limited	21	0.3	5	15	1
Other Environmental	8	0.1	1	7	0

* New Category as of July 2001.

Note: Many accidents 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 Accident				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	9,243	100.0	3,097	100.0	6,146	100.0	286	5,634	226
Male	7,002	75.8	2,006	64.8	4,996	81.3	247	4,578	171
Under 16	4	<0.1	1	<0.1	3	<0.1	1	2	0
16 - 17	134	1.4	42	1.4	92	1.5	4	87	1
18 - 20	591	6.4	146	4.7	445	7.2	26	395	24
21 - 24	1,078	11.7	200	6.5	878	14.3	51	803	24
25 - 29	926	10.0	234	7.6	692	11.3	32	646	14
30 - 34	888	9.6	247	8.0	641	10.4	31	589	21
35 - 39	877	9.5	262	8.5	615	10.0	32	565	18
40 - 44	848	9.2	259	8.4	589	9.6	30	540	19
45 - 49	566	6.1	171	5.5	395	6.4	16	367	12
50 - 54	427	4.6	139	4.5	288	4.7	7	267	14
55 - 59	285	3.1	120	3.9	165	2.7	3	151	11
60 - 64	160	1.7	70	2.3	90	1.5	5	78	7
65 - 69	88	1.0	36	1.2	52	0.8	5	45	2
70 - 74	36	0.4	19	0.6	17	0.3	0	15	2
75 - 79	46	0.5	25	0.8	21	0.3	3	18	0
80 and Over	32	0.3	21	0.7	11	0.2	1	8	2
Unknown Age	16	0.2	14	0.5	2	<0.1	0	2	0
Female	2,240	24.2	1,090	35.2	1,150	18.7	39	1,056	55
Under 16	1	<0.1	1	<0.1	0	0.0	0	0	0
16 - 17	67	0.7	43	1.4	24	0.4	2	21	1
18 - 20	203	2.2	112	3.6	91	1.5	1	86	4
21 - 24	299	3.2	129	4.2	170	2.8	10	151	9
25 - 29	258	2.8	126	4.1	132	2.1	2	123	7
30 - 34	255	2.8	117	3.8	138	2.2	4	132	2
35 - 39	305	3.3	143	4.6	162	2.6	2	150	10
40 - 44	326	3.5	132	4.3	194	3.2	7	179	8
45 - 49	217	2.3	97	3.1	120	2.0	4	110	6
50 - 54	106	1.1	53	1.7	53	0.9	3	46	4
55 - 59	85	0.9	50	1.6	35	0.6	2	31	2
60 - 64	46	0.5	31	1.0	15	0.2	1	13	1
65 - 69	27	0.3	24	0.8	3	<0.1	0	2	1
70 - 74	20	0.2	15	0.5	5	0.1	0	5	0
75 - 79	10	0.1	8	0.3	2	<0.1	0	2	0
80 and Over	11	0.1	6	0.2	5	0.1	1	4	0
Unknown Age	4	<0.1	3	0.1	1	<0.1	0	1	0
Unknown Gender	1	<0.1	1	<0.1	0	0.0	0	0	0

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	9,273	100.0	363	8,910
Under 5	73	0.8	1	72
5 - 9	111	1.2	2	109
10 - 13	108	1.2	1	107
14 - 17	473	5.1	15	458
18 - 20	984	10.6	32	952
21 - 24	1,494	16.1	63	1,431
25 - 29	1,155	12.5	35	1,120
30 - 34	1,024	11.0	39	985
35 - 39	977	10.5	38	939
40 - 44	960	10.4	37	923
45 - 49	610	6.6	31	579
50 - 54	430	4.6	14	416
55 - 59	278	3.0	13	265
60 - 64	146	1.6	8	138
65 - 69	101	1.1	11	90
70 - 74	59	0.6	4	55
75 - 79	53	0.6	6	47
80 and Over	46	0.5	6	40
Unknown Age	191	2.1	7	184

	Total		Injury Severity of Vehicle Occupant					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	13,817	100.0	271	1,432	2,164	4,504	135	5,311
No Restraint Used	2,191	15.9	116	517	469	560	18	511
Air Bag Deployed	281	2.0	31	68	72	65	1	44
with Child Restraint	2	<0.1	0	0	1	0	0	1
with Harness	81	0.6	1	11	21	25	1	22
with Lap Belt	49	0.4	0	1	17	18	2	11
with Lap Belt & Harness	856	6.2	21	114	231	310	6	174
Child Restraint Only	157	1.1	0	6	11	27	0	113
Harness	272	2.0	6	24	28	101	5	108
Lap Belt	619	4.5	4	40	53	222	8	292
Lap Belt & Harness	7,605	55.0	40	499	1,033	2,758	77	3,198
Other	3	<0.1	0	1	0	0	0	2
Unknown	1,701	12.3	52	151	228	418	17	835
Motorcyclists	180	100.0	27	74	46	25	0	8
No Helmet Used	28	15.6	6	14	6	2	0	0
Helmet Used	139	77.2	20	56	35	22	0	6
Unknown	13	7.2	1	4	5	1	0	2
Bicyclists	116	100.0	4	25	34	50	2	1
No Helmet Used	51	44.0	4	13	14	19	0	1
Helmet Used	3	2.6	0	0	2	1	0	0
Unknown	62	53.4	0	12	18	30	2	0