

New York State Department of Motor Vehicles Summary of Motor Vehicle Accidents

2005 Statewide Statistical Summary

TABLE 1 Accident Summary Totals		
Category Totals	All Accidents	Police Reported
Total Accidents	225,848	138,004
Fatal Accidents	1,308	1,308
Non-Fatal Personal Injury Accidents	146,643	127,273
Reportable Property Damage Accidents	77,897	9,423
Vehicles	409,705	248,185
Drivers Involved	390,634	238,761
Vehicle Occupants	546,157	362,810
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	15,703	15,109
Bicycle/Motor Vehicle Accidents	5,807	5,627
Motorcycle Accidents	4,892	4,500
Fatalities		
Persons Killed (1)	1,410	1,410
Drivers Killed	770	770
Passengers Killed	264	264
Pedestrians Killed	328	328
Bicyclists Killed	47	47
Other	1	1
Non-Fatal Injuries		
Persons Injured (1)	206,514	182,501
Drivers Injured	126,615	108,747
Passengers Injured	57,991	52,788
Pedestrians Injured	15,392	14,798
Bicyclists Injured	5,680	5,517
Other	836	651
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position</small>		

TABLE 1.1 Statewide Rates	
Fatal Acc Rate/100 Mil Vehicle Miles	0.93
Injury Acc Rate/100 Mil Vehicle Miles	104.38
Death Rate/100 Mil Vehicle Miles	1.00
Injury Rate/100 Mil Vehicle Miles	146.99
Death Rate/100,000 Population	7.32
Injury Rate/100,000 Population	1072.54
Death Rate/100,000 Licensed Drivers	12.73
Injury Rate/100,000 Licensed Drivers	1865.21

Note: Rates based on VMT were revised in January 2007, following the release of an updated VMT figure by NYSDOT.

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	138,004	100.0
Fatal (K) Accidents	1,308	0.9
Personal Injury Accidents		
Serious (A)	11,223	8.1
Moderate (B)	21,297	15.4
Minor (C)	89,715	65.0
Unknown Severity	5,038	3.7
Property Damage (O) Accidents	9,423	6.8

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
Total	225,848	8,842	7,514	26,319	29,052	38,421	48,677	32,361	18,706	15,956
Sunday										
Total	25,040	1,964	1,715	1,623	2,780	4,493	4,633	3,701	2,403	1,728
Fatal	207	45	30	17	18	16	28	34	19	0
Personal Injury	16,798	1,473	1,312	1,120	1,866	3,183	3,318	2,577	1,673	276
Property Damage	8,035	446	373	486	896	1,294	1,287	1,090	711	1,452
Monday										
Total	31,416	880	786	4,188	4,130	5,305	7,093	4,522	2,384	2,128
Fatal	178	20	9	20	19	21	29	34	25	1
Personal Injury	20,491	644	507	2,702	2,819	3,770	4,890	3,115	1,692	352
Property Damage	10,747	216	270	1,466	1,292	1,514	2,174	1,373	667	1,775
Tuesday										
Total	33,297	881	697	4,687	4,433	5,676	7,615	4,569	2,371	2,368
Fatal	150	12	7	13	22	29	20	26	20	1
Personal Injury	21,521	635	430	3,076	3,096	3,916	5,174	3,157	1,685	352
Property Damage	11,626	234	260	1,598	1,315	1,731	2,421	1,386	666	2,015
Wednesday										
Total	33,903	802	760	4,998	4,585	5,296	7,732	4,908	2,495	2,327
Fatal	144	13	11	23	20	20	27	18	11	1
Personal Injury	21,960	592	456	3,240	3,116	3,709	5,359	3,373	1,783	332
Property Damage	11,799	197	293	1,735	1,449	1,567	2,346	1,517	701	1,994
Thursday										
Total	33,818	956	836	4,411	4,369	5,606	7,676	4,977	2,580	2,407
Fatal	191	16	10	24	20	30	32	33	26	0
Personal Injury	21,748	692	512	2,940	2,983	3,913	5,243	3,333	1,776	356
Property Damage	11,879	248	314	1,447	1,366	1,663	2,401	1,611	778	2,051
Friday										
Total	36,851	1,233	1,019	4,268	4,548	6,308	8,299	5,205	3,251	2,720
Fatal	199	19	14	19	23	28	23	31	42	0
Personal Injury	23,645	907	700	2,827	3,121	4,356	5,608	3,526	2,189	411
Property Damage	13,007	307	305	1,422	1,404	1,924	2,668	1,648	1,020	2,309
Saturday										
Total	31,523	2,126	1,701	2,144	4,207	5,737	5,629	4,479	3,222	2,278
Fatal	239	33	39	13	24	27	36	34	28	5
Personal Injury	20,480	1,592	1,269	1,451	2,768	3,936	3,849	3,065	2,202	348
Property Damage	10,804	501	393	680	1,415	1,774	1,744	1,380	992	1,925

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	138,004	100.0	1,308	127,273	9,423
State Police	24,847	18.0	324	16,797	7,726
County Police	30,794	22.3	402	29,732	660
New York City Police (NYPD)	45,594	33.0	314	45,056	224
Municipal Police (non-NYC)	36,761	26.6	268	35,680	813
Other	0	0.0	0	0	0
Unknown	8	<0.1	0	8	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	225,848	100.0	1,308	146,643	77,897
State Routes	54,535	24.1	467	33,259	20,809
County Routes	15,722	7.0	132	9,570	6,020
Town Routes	33,377	14.8	208	19,307	13,862
Municipal Streets	92,402	40.9	341	66,338	25,723
Parkways	10,750	4.8	70	7,350	3,330
Thruway	3,233	1.4	21	1,869	1,343
Other Interstates	12,515	5.5	65	8,032	4,418
Unknown	3,314	1.5	4	918	2,392

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	225,848	100.0	1,308	146,643	77,897
Single Vehicle Accidents	66,419	29.4	788	44,549	21,082
Two Vehicle Accidents	139,990	62.0	422	86,286	53,282
3 or More Vehicle Accidents	19,439	8.6	98	15,808	3,533

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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	138,004	100.0	1,308	127,273	9,423
Accidents With No Factor Reported	22,384	16.2	184	22,059	141
Accidents With One or More Factors Reported	115,620	83.8	1,124	105,214	9,282
Accidents With Human Factors	101,734	73.7	1,071	93,638	7,025
Aggressive Driving/Road Rage	1,158	0.8	16	1,122	20
Alcohol Involvement*	5,302	3.8	191	4,963	148
Backing Unsafely	1,823	1.3	7	1,579	237
Cell Phone (hand held)	216	0.2	1	206	9
Cell Phone (hands free)	35	<0.1	0	34	1
Driver Inattention/Distraction	24,293	17.6	122	23,211	960
Driver Inexperience	3,406	2.5	47	3,248	111
Drugs (Illegal)	287	0.2	9	271	7
Failure to Keep Right	2,981	2.2	125	2,633	223
Failure to Yield R.O.W.	21,767	15.8	140	20,574	1,053
Fatigued/Drowsy	866	0.6	14	755	97
Fell Asleep	2,194	1.6	24	1,922	248
Following Too Closely	19,617	14.2	14	17,766	1,837
Illness	754	0.5	13	714	27
Lost Consciousness	927	0.7	15	885	27
Other Electronic Device	29	<0.1	0	29	0
Outside Car Distraction	581	0.4	4	556	21
Passenger Distraction	443	0.3	2	436	5
Passing or Lane Usage Improper	4,195	3.0	84	3,659	452
Pedestrian/Bicyclist/Other Ped Error/Confusion	4,761	3.4	135	4,625	1
Physical Disability	284	0.2	6	253	25
Prescription Medication	229	0.2	5	212	12
Reaction to Other Uninvolved Vehicle	4,289	3.1	15	3,956	318
Traffic Control Disregarded	7,281	5.3	79	7,023	179
Turning Improperly	4,231	3.1	17	3,979	235
Unsafe Lane Changing	4,055	2.9	40	3,397	618
Unsafe Speed*	15,973	11.6	377	13,867	1,729
Other Human	481	0.3	9	470	2
Accidents With Vehicular Factors	6,051	4.4	41	5,746	264
Accelerator Defective	180	0.1	0	178	2
Brakes Defective	1,200	0.9	4	1,165	31
Driverless/Runaway Vehicle	78	0.1	0	77	1
Headlights Defective	31	<0.1	1	29	1
Other Lighting Defects	80	0.1	1	75	4
Oversized Vehicle	197	0.1	2	179	16
Steering Failure	308	0.2	2	300	6
Tire Failure/Inadequate	715	0.5	6	632	77
Tow Hitch Defective	24	<0.1	1	19	4
Windshield Inadequate	29	<0.1	0	29	0
Other Vehicular	3,358	2.4	27	3,208	123
Accidents With Environmental Factors	22,248	16.1	139	18,375	3,734
Animal's Action	4,012	2.9	10	2,129	1,873
Glare	1,802	1.3	16	1,696	90
Lane Marking Improper/Inadequate	44	<0.1	0	41	3
Obstruction/Debris	892	0.6	8	767	117
Pavement Defective	295	0.2	3	288	4
Pavement Slippery	12,745	9.2	70	11,152	1,523
Shoulders Defective/Improper	56	<0.1	3	52	1
Traffic Control Device Improper/Non-Working	228	0.2	1	219	8
View Obstructed/Limited	2,700	2.0	30	2,497	173
Other Environmental	70	0.1	0	69	1

* These numbers represent the total number of accidents in which the police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on the police accident report form. Hence, they do not represent the total number of alcohol-related or speed-related accidents that occurred in the state. For data on the total number of alcohol-related accidents in New York State, see the separate report titled, "Summary of Alcohol-Related Motor Vehicle Accidents."
Note: Many accidents have multiple factors reported.

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TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	390,634	100.0	1,915	258,931	129,788
Male	221,420	56.7	1,404	152,178	67,838
Under 16	106	<0.1	0	95	11
16 - 17	5,817	1.5	40	3,923	1,854
18 - 20	16,320	4.2	111	11,619	4,590
21 - 24	20,987	5.4	193	15,021	5,773
25 - 29	22,745	5.8	161	16,796	5,788
30 - 34	21,150	5.4	133	15,554	5,463
35 - 39	22,846	5.8	132	16,535	6,179
40 - 44	24,002	6.1	133	16,956	6,913
45 - 49	22,128	5.7	116	15,210	6,802
50 - 54	18,574	4.8	106	12,432	6,036
55 - 59	14,786	3.8	71	9,430	5,285
60 - 64	10,048	2.6	59	6,238	3,751
65 - 69	6,788	1.7	40	4,041	2,707
70 - 74	5,141	1.3	27	2,944	2,170
75 - 79	4,261	1.1	38	2,307	1,916
80 and Over	4,239	1.1	44	2,382	1,813
Unknown Age	1,482	0.4	0	695	787
Female	142,826	36.6	434	95,986	46,406
Under 16	50	<0.1	1	42	7
16 - 17	4,732	1.2	20	3,276	1,436
18 - 20	11,820	3.0	29	8,492	3,299
21 - 24	14,271	3.7	36	10,238	3,997
25 - 29	14,615	3.7	30	10,622	3,963
30 - 34	13,139	3.4	37	9,539	3,563
35 - 39	14,536	3.7	48	10,281	4,207
40 - 44	15,581	4.0	36	10,650	4,895
45 - 49	13,991	3.6	43	9,056	4,892
50 - 54	11,313	2.9	21	7,146	4,146
55 - 59	9,189	2.4	33	5,636	3,520
60 - 64	6,024	1.5	18	3,592	2,414
65 - 69	4,065	1.0	16	2,273	1,776
70 - 74	3,196	0.8	16	1,768	1,412
75 - 79	2,880	0.7	21	1,539	1,320
80 and Over	2,932	0.8	29	1,662	1,241
Unknown Age	492	0.1	0	174	318
Unknown Gender	26,388	6.8	77	10,767	15,544

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TABLE 9 Persons Killed or Injured by Age Group				
Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	207,924	100.0	1,410	206,514
Under 5	2,689	1.3	15	2,674
5 - 9	4,949	2.4	13	4,936
10 - 13	5,213	2.5	13	5,200
14 - 17	11,781	5.7	78	11,703
18 - 20	17,536	8.4	121	17,415
21 - 24	20,895	10.0	160	20,735
25 - 29	20,987	10.1	115	20,872
30 - 34	17,745	8.5	84	17,661
35 - 39	18,409	8.9	104	18,305
40 - 44	18,601	8.9	83	18,518
45 - 49	16,231	7.8	90	16,141
50 - 54	13,452	6.5	88	13,364
55 - 59	10,580	5.1	68	10,512
60 - 64	7,027	3.4	59	6,968
65 - 69	4,845	2.3	50	4,795
70 - 74	3,758	1.8	59	3,699
75 - 79	3,212	1.5	76	3,136
80 and Over	3,705	1.8	111	3,594
Unknown Age	6,309	3.0	23	6,286

TABLE 10(P) Safety Equipment Used								
	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	357,729	100.0	872	9,003	18,624	125,557	3,757	199,916
No Restraint Used	16,766	4.7	230	1,225	1,598	5,967	195	7,551
Air Bag Deployed	3,055	0.9	108	338	505	1,400	36	668
with Child Restraint	95	<0.1	0	5	9	28	1	52
with Harness	1,329	0.4	4	67	201	707	17	333
with Lap Belt	1,357	0.4	6	91	184	723	16	337
with Lap Belt & Harness	19,924	5.6	147	1,182	3,324	10,074	197	5,000
Child Restraint Only	9,607	2.7	4	66	401	1,367	68	7,701
Harness	6,559	1.8	4	166	255	2,499	78	3,557
Lap Belt	23,361	6.5	15	499	759	7,985	386	13,717
Lap Belt & Harness	237,461	66.4	227	4,507	10,176	85,052	2,328	135,171
Other	86	<0.1	2	2	8	30	2	42
Unknown	38,129	10.7	125	855	1,204	9,725	433	25,787
Motorcyclists	5,081	100.0	162	1,183	1,488	1,844	79	325
No Helmet Used	682	13.4	19	145	193	272	19	34
Helmet Used	3,835	75.5	131	944	1,154	1,358	42	206
Unknown	564	11.1	12	94	141	214	18	85
Bicyclists	5,745	100.0	47	639	1,810	2,916	152	181
No Helmet Used	2,301	40.1	30	272	747	1,136	52	64
Helmet Used	504	8.8	4	49	196	230	15	10
Unknown	2,940	51.2	13	318	867	1,550	85	107