

New York State Department of Motor Vehicles Summary of Motorcycle Accidents

2001

TABLE 1 Motorcycle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	4,848	4,700
Fatal Accidents	145	145
Non-Fatal Personal Injury Accidents	4,267	4,190
Reportable Property Damage Accidents	436	365
Vehicles	8,018	7,774
Drivers Involved	7,497	7,354
Vehicle Occupants	9,766	9,504
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	109	105
Motorcycle/Bicycle Accidents	26	26
Fatalities		
Persons Killed (1)	150	150
Drivers Killed	138	138
Passengers Killed	12	12
Pedestrians Killed	0	0
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,093	5,008
Drivers Injured	4,255	4,234
Passengers Injured	707	648
Pedestrians Injured	105	100
Bicyclists Injured	24	24
Other	2	2
(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	4,700	100.0
Fatal (K) Accidents	145	3.1
Personal Injury Accidents		
Serious (A)	987	21.0
Moderate (B)	1,375	29.3
Minor (C)	1,723	36.7
Unknown Severity	105	2.2
Property Damage (O) Accidents	365	7.8

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	4,848	249	109	267	450	888	1,197	989	597	120
Sunday										
Total	866	62	22	25	82	206	226	160	62	21
Fatal	37	5	3	0	3	6	12	4	4	0
Personal Injury	762	55	18	21	74	189	196	142	52	15
Property Damage	67	2	1	4	5	11	18	14	6	6
Monday										
Total	547	24	6	39	40	94	154	120	57	13
Fatal	17	2	1	4	1	1	4	2	2	0
Personal Injury	484	18	5	32	38	82	140	109	51	9
Property Damage	46	4	0	3	1	11	10	9	4	4
Tuesday										
Total	668	28	16	45	59	100	170	148	81	21
Fatal	16	1	1	3	0	0	5	3	3	0
Personal Injury	484	7	10	37	46	91	102	106	72	13
Property Damage	51	0	0	4	9	7	10	11	7	3
Wednesday										
Total	668	28	16	45	59	100	170	148	81	21
Fatal	14	1	1	1	0	3	3	3	2	0
Personal Injury	592	25	14	40	50	87	151	133	72	20
Property Damage	62	2	1	4	9	10	16	12	7	1
Thursday										
Total	690	42	18	44	54	111	153	155	99	14
Fatal	17	2	1	1	0	2	2	6	3	0
Personal Injury	604	34	15	38	47	100	133	139	86	12
Property Damage	69	6	2	5	7	9	18	10	10	2
Friday										
Total	665	43	10	46	66	99	162	131	90	18
Fatal	17	2	1	1	2	1	5	3	2	0
Personal Injury	574	38	9	38	57	83	140	117	78	14
Property Damage	74	3	0	7	7	15	17	11	10	4
Saturday										
Total	861	42	26	24	94	180	215	155	108	17
Fatal	27	3	1	0	3	4	7	5	4	0
Personal Injury	767	33	23	21	80	157	201	138	101	13
Property Damage	67	6	2	3	11	19	7	12	3	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	4,700	100.0	145	4,190	365
State Police	718	15.3	33	649	36
County Police	1,191	25.3	44	1,038	109
New York City Police (NYPD)	1,451	30.9	39	1,341	71
Municipal Police (non-NYC)	1,239	26.4	27	1,116	96
Unknown	101	2.1	2	46	53

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,848	100.0	145	4,267	436
State Routes	1,205	24.9	42	1,033	130
County Routes	438	9.0	25	387	26
Town Routes	791	16.3	18	702	71
Municipal Streets	1,942	40.1	41	1,738	163
Parkways	225	4.6	9	198	18
Thruway	35	0.7	0	35	0
Other Interstates	173	3.6	10	148	15
Unknown	39	0.8	0	26	13

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,848	100.0	145	4,267	436
Single Vehicle Accidents	1,897	39.1	53	1,734	110
Two Vehicle Accidents	2,777	57.3	74	2,388	315
3 or More Vehicle Accidents	174	3.6	18	145	11

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TABLE 7(P) Selected Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	4,700	100.0	145	4,190	365
Accidents With No Factor Reported	625	13.3	8	531	86
Accidents With One or More Factors Reported	4,075	86.7	137	3,659	279
Accidents With Human Factors	3,417	72.7	133	3,046	238
Aggressive Driving/Road Rage*	0	0.0	0	0	0
Alcohol Involvement	150	3.2	21	123	6
Backing Unsafely	48	1.0	0	24	24
Cell Phone (hand held)*	0	0.0	0	0	0
Cell Phone (hands free)*	0	0.0	0	0	0
Driver Inattention/Distraction	647	13.8	17	563	67
Driver Inexperience	362	7.7	6	333	23
Drugs (Illegal)	7	0.1	1	6	0
Failure to Keep Right	4	0.1	0	4	0
Failure to Yield R.O.W.	774	16.5	27	706	41
Fatigued/Drowsy	6	0.1	0	6	0
Fell Asleep	4	0.1	0	4	0
Following Too Closely	304	6.5	4	268	32
Illness	1	<0.1	0	1	0
Lost Consciousness	4	0.1	0	3	1
Other Electronic Device*	0	0.0	0	0	0
Outside Car Distraction*	0	0.0	0	0	0
Passenger Distraction*	15	0.3	1	14	0
Passing or Lane Usage Improper	317	6.7	17	279	21
Pedestrian/Bicyclist/Other Ped Error/Confusion	28	0.6	0	28	0
Physical Disability	1	<0.1	0	1	0
Prescription Medication	5	0.1	1	4	0
Reaction to Other Uninvolved Vehicle*	7	0.1	0	7	0
Traffic Control Disregarded	125	2.7	9	106	10
Turning Improperly	232	4.9	8	210	14
Unsafe Lane Changing	172	3.7	7	150	15
Unsafe Speed	663	14.1	62	582	19
Other Human	671	14.3	19	617	35
Accidents With Vehicular Factors	200	4.3	6	181	13
Accelerator Defective	18	0.4	0	16	2
Brakes Defective	16	0.3	0	12	4
Driverless/Runaway Vehicle	0	0.0	0	0	0
Headlights Defective	3	0.1	0	3	0
Other Lighting Defects	5	0.1	0	5	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	14	0.3	0	14	0
Tire Failure/Inadequate	31	0.7	3	28	0
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	2	<0.1	0	2	0
Other Vehicular	111	2.4	3	101	7
Accidents With Environmental Factors	765	16.3	8	712	45
Animal's Action	284	6.0	2	261	21
Glare	31	0.7	0	29	2
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	117	2.5	2	112	3
Pavement Defective	51	1.1	0	50	1
Pavement Slippery	141	3.0	2	130	9
Shoulders Defective/Improper	11	0.2	0	10	1
Traffic Control Device Improper/Non-Working	1	<0.1	0	1	0
View Obstructed/Limited	83	1.8	1	76	6
Other Environmental	78	1.7	1	74	3

* New Category as of July 2001.

Note: Many accidents have multiple factors reported.

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TABLE 8 Motorcycle Operator Age and Gender					
	Total Motorcycle Operators		Motorcycle Operators by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Motorcycle Operators	4,748	100.0	151	4,241	356
Male	4,494	94.7	143	4,018	333
Under 16	25	0.5	0	23	2
16 - 17	49	1.0	1	46	2
18 - 20	297	6.3	3	271	23
21 - 24	663	14.0	25	594	44
25 - 29	763	16.1	22	682	59
30 - 34	696	14.7	25	626	45
35 - 39	568	12.0	23	501	44
40 - 44	509	10.7	21	445	43
45 - 49	381	8.0	9	345	27
50 - 54	275	5.8	4	250	21
55 - 59	147	3.1	5	131	11
60 - 64	51	1.1	3	46	2
65 - 69	28	0.6	1	23	4
70 - 74	14	0.3	0	13	1
75 - 79	10	0.2	0	9	1
80 and Over	5	0.1	1	4	0
Unknown Age	13	0.3	0	9	4
Female	225	4.7	4	206	15
Under 16	0	0.0	0	0	0
16 - 17	4	0.1	0	4	0
18 - 20	10	0.2	0	10	0
21 - 24	17	0.4	0	15	2
25 - 29	23	0.5	0	22	1
30 - 34	22	0.5	0	20	2
35 - 39	43	0.9	0	40	3
40 - 44	45	0.9	1	42	2
45 - 49	31	0.7	2	27	2
50 - 54	14	0.3	0	14	0
55 - 59	9	0.2	1	7	1
60 - 64	3	0.1	0	3	0
65 - 69	1	<0.1	0	1	0
70 - 74	2	<0.1	0	1	1
75 - 79	0	0.0	0	0	0
80 and Over	0	0.0	0	0	0
Unknown Age	1	<0.1	0	0	1
Unknown Gender	29	0.6	4	17	8

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TABLE 9 Motorcyclists Killed or Injured by Age Group				
Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,654	100.0	149	4,505
Under 5	2	<0.1	0	2
5 - 9	6	0.1	0	6
10 - 13	24	0.5	0	24
14 - 17	97	2.1	1	96
18 - 20	315	6.8	3	312
21 - 24	691	14.8	23	668
25 - 29	741	15.9	24	717
30 - 34	698	15.0	26	672
35 - 39	589	12.7	24	565
40 - 44	542	11.6	24	518
45 - 49	397	8.5	11	386
50 - 54	281	6.0	4	277
55 - 59	145	3.1	3	142
60 - 64	52	1.1	3	49
65 - 69	22	0.5	1	21
70 - 74	14	0.3	0	14
75 - 79	9	0.2	0	9
80 and Over	5	0.1	1	4
Unknown Age	24	0.5	1	23

TABLE 10(P) Safety Equipment Used by Motorcyclists								
	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	5,293	100.0	149	1,010	1,459	1,872	89	714
No Helmet Used	494	9.3	32	95	113	193	7	54
Helmet Used	3,627	68.5	104	724	1,073	1,303	58	365
Unknown	1,172	22.1	13	191	273	376	24	295