

Section 4. Drivers and Vehicles

This section identifies both drivers and vehicles involved in reported collisions, by their condition. Each collision is also identified by vehicle type and the vehicle maneuver being executed at the time of the collision. Also identified are drivers by age, sex and apparent driver action at the time of the collision.



Analysis Period: 1 January 2004 - 31 December 2004

Figure 4.1 Total number of drivers by driver condition

Driver Condition	Number of drivers	Percentage
Apparently Normal	17410	55.35
Loss of Consciousness / Blackout Prior to Accident	17	0.05
Extreme Fatigue / Fell Asleep	19	0.06
Defective Eyesight	2	0.01
Defective Hearing	0	0.00
Medical Disability	4	0.01
Physical Disability	1	0.00
Mental Disability	1	0.00
Mental Confusion / Inability to Remember	12	0.04
Sudden Illness	1	0.00
Ability Impaired by Alcohol	134	0.43
Ability Impaired by Drugs	5	0.02
Had Been Drinking / Suspected Alcohol Use	54	0.17
Distraction / Inattention	874	2.78
Exceeding Hours of Service (Commercial Drivers	0	0.00
Unknown	12921	41.08
TOTAL	31455	100.0 %

NOTE: Number of drivers includes cyclists



Analysis Period: 1 January 2004 - 31 December 2004

Figure 4.2 Total number of vehicles by vehicle maneuver

Vehicle Maneuver	Number of vehicles	Percentage
Going Straight Ahead	16994	54.03
Turning Left	2771	8.81
Turning Right	1518	4.83
Making U-Turn	105	0.33
Changing Lanes to Left	610	1.94
Changing Lanes to Right	531	1.69
Merging	38	0.12
Reversing	503	1.60
Overtaking	223	0.71
Slowing / Stopping in Traffic	994	3.16
Stopped in Traffic	4576	14.55
Starting in Traffic	147	0.47
Starting from Parked Position / Leaving Roadside	111	0.35
Entering Parked Position / Stopped on Roadside	45	0.14
Parked - Legally	1062	3.38
Parked - Illegally	19	0.06
Swerving	874	2.78
Unknown	334	1.06
TOTAL	31455	100.0 %



Analysis Period: 1 January 2004 - 31 December 2004

Figure 4.3 Total number of vehicles by vehicle type

Vehicle Type	Number of vehicles	Percentage
Automobile	20978	66.69
Mini-Van/Multi-Purpose Van	2713	8.63
Van Under 4500 kg	629	2.00
Pick-Up Under 4500 kg	2456	7.81
Truck Over 4500 kg (Unit Chassis)	270	0.86
Power Unit for Semi-Trailer	233	0.74
Truck/Camper	9	0.03
Motorhome	8	0.03
Truck (Other)	158	0.50
SUV	1255	3.99
School Bus	29	0.09
Other School Vehicle	0	0.00
Transit Bus (Urban)	133	0.42
Paratransit Bus	8	0.03
Inter-City Bus	15	0.05
Bus (Other)	8	0.03
Motocycle/Scooter	67	0.21
Moped	2	0.01
Bicycle	247	0.79
Ambulance	9	0.03
Fire	14	0.04
Police	76	0.24
Mobility Vehicle	2	0.01
Motorized Snow Vehicle (HTA)	0	0.00
Farm Equipment	1	0.00
Construction Equipment	52	0.17
Train/Other Rail Vehicle	4	0.01
Snowmobile	1	0.00
Off-Road Motorcycle	0	0.00
All-Terrain Vehicle	0	0.00
Amphibious Vehicle	0	0.00
Dune/Sport Buggy	0	0.00
4-Wheel-Drive Motor Vehicle (Operated Off-	0	0.00
Pedestrian	0	0.00
Unknown	2078	6.61
TOTAL	31455	100.0 %



Analysis Period: 1 January 2004 - 31 December 2004

Figure 4.4 Total number of motor vehicle drivers involved in collisions by age group

Drivers Age	Drivers Licensed				Drivers Involved In Collisions				Percentage			
	Male	Female	Unkn.	Total	Male	Female	Unkn.	Total	Male	Female	Unkn.	Total
1 to 4	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
5 to 9	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
10 to 14	0	0	0	0	10	5	0	15	0.00	0.00	0.00	0.00
15 to 19	22160	21587	0	43747	1285	753	7	2045	5.80	3.49	0.00	4.67
20 to 24	22267	22680	0	44947	1585	919	3	2507	7.12	4.05	0.00	5.58
25 to 29	22667	23125	0	45792	1179	718	1	1898	5.20	3.10	0.00	4.14
30 to 34	23001	23186	0	46187	1207	669	1	1877	5.25	2.89	0.00	4.06
35 to 39	24149	24020	0	48169	1308	719	1	2028	5.42	2.99	0.00	4.21
40 to 44	27769	27876	0	55645	1477	927	3	2407	5.32	3.33	0.00	4.33
45 to 49	26166	26326	0	52492	1246	701	3	1950	4.76	2.66	0.00	3.71
50 to 54	22597	23989	0	46586	1067	633	1	1701	4.72	2.64	0.00	3.65
55 to 59	18985	19971	0	38956	948	472	2	1422	4.99	2.36	0.00	3.65
60 to 64	13412	14399	0	27811	617	286	1	904	4.60	1.99	0.00	3.25
65 to 69	10639	12135	0	22774	448	169	0	617	4.21	1.39	0.00	2.71
70 to 74	9629	11872	0	21501	347	167	1	515	3.60	1.41	0.00	2.40
75+	16840	30463	0	47303	476	244	1	721	2.83	0.80	0.00	1.52
Unknown	0	0	0	0	5186	1957	1379	8522	0.00	0.00	0.00	0.00
TOTAL	260281	281629	0	541910	18386	9339	1404	29129				

NOTE: This table excludes drivers of non-motor and off-road vehicles. i.e. bicyclists, snow vehicles operators, etc.



Analysis Period: 1 January 2004 - 31 December 2004

Figure 4.5 Total number of drivers by apparent driver action

Driver Action	Number of drivers	Percentage
Driving Properly	12115	38.82
Following Too Closely	1292	4.14
Turning Improperly	730	2.34
Exceeding Speed Limit	51	0.16
Driving Too Fast for Conditions	969	3.10
Unsafe Operating Speed (Too Fast or Too Slow)	46	0.15
Passing Improperly	49	0.16
Changing Lanes Improperly	464	1.49
Failed to Yield Right of Way	1087	3.48
Disobeyed Traffic Control Device / Officer	486	1.56
Driving Wrong Way on Roadway	27	0.09
Passing a Vehicle at Pedestrian X-Walk	7	0.02
Backing Unsafely	207	0.66
Parking Improperly	15	0.05
Careless Driving	406	1.30
Lost Control / Drive Off Road	309	0.99
Driverless Vehicle Ran Out of Control	3	0.01
Leave Stop Sign Before Safe to Do So	283	0.91
Failed to Signal	7	0.02
Taking Avoiding Action	178	0.57
Driver Inexperience	98	0.31
Pedestrian Error / Confusion	3	0.01
Unknown	12376	39.66
TOTAL	31208	100.0 %

NOTE: Number of drivers does not include cyclists