

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 2005 - 31 December 2005

Figure 4.1 Total number of drivers by driver condition

Driver Condition	Number of drivers	Percentage
Ability Impaired by Alcohol	54	0.19
Ability Impaired by Drugs	1	0.00
Apparently Normal	9252	31.74
Defective Eyesight	1	0.00
Defective Hearing	0	0.00
Distraction / Inattention	1741	5.97
Exceeding Hours of Service (Commercial Drivers Only)	1	0.00
Extreme Fatigue / Fell Asleep	13	0.04
Had Been Drinking / Suspected Alcohol Use	31	0.11
Loss of Consciousness / Blackout Prior to Accident	17	0.06
Medical Disability	2	0.01
Mental Confusion / Inability to Remember	1	0.00
Mental Disability	3	0.01
Physical Disability	1	0.00
Sudden Illness	4	0.01
Unknown	18028	61.85
TOTAL	29150	100.0 %

NOTE: Number of drivers includes cyclists



Analysis Period: 1 January 2005 - 31 December 2005

Figure 4.2 Total number of vehicles by vehicle maneuver

Vehicle Maneuver	Number of vehicles	Percentage
Changing Lanes to Left	506	1.74
Changing Lanes to Right	452	1.55
Entering Parked Position / Stopped on Roadside	51	0.17
Going Straight Ahead	16052	55.07
Making U-Turn	122	0.42
Merging	71	0.24
Overtaking	137	0.47
Parked - Illegally	13	0.04
Parked - Legally	1131	3.88
Reversing	569	1.95
Slowing / Stopping in Traffic	660	2.26
Starting from Parked Position / Leaving Roadside	105	0.36
Starting in Traffic	63	0.22
Stopped in Traffic	3809	13.07
Swerving	921	3.16
Turning Left	2795	9.59
Turning Right	1579	5.42
Unknown	114	0.39
TOTAL	29150	100.0 %



Analysis Period: 1 January 2005 - 31 December 2005

Figure 4.3 Total number of vehicles by vehicle type

Vehicle Type	Number of vehicles	Percentage
4-Wheel-Drive Motor Vehicle (Operated Off-Road)	0	0.00
All-Terrain Vehicle	0	0.00
Ambulance	13	0.04
Amphibious Vehicle	0	0.00
Automobile	20921	71.77
Bicycle	231	0.79
Bus (Other)	10	0.03
Construction Equipment	43	0.15
Dune/Sport Buggy	0	0.00
Farm Equipment	1	0.00
Fire	13	0.04
Inter-City Bus	28	0.10
Mini-Van/Multi-Purpose Van	2058	7.06
Mobility Vehicle	1	0.00
Moped	5	0.02
Motocyle/Scooter	72	0.25
Motorhome	5	0.02
Motorized Snow Vehicle (HTA)	8	0.03
Off-Road Motorcycle	0	0.00
Other School Vehicle	2	0.01
Paratransit Bus	2	0.01
Pedestrian	0	0.00
Pick-Up Under 4500 kg	2123	7.28
Police	45	0.15
Power Unit for Semi-Trailer	215	0.74
SUV	1402	4.81
School Bus	25	0.09
Snowmobile	0	0.00
Train/Other Rail Vehicle	7	0.02
Transit Bus (Urban)	141	0.48
Truck (Other)	133	0.46
Truck Over 4500 kg (Unit Chassis)	170	0.58
Truck/Camper	20	0.07
Van Under 4500 kg	437	1.50
Unknown	1019	3.50
TOTAL	29150	100.0 %



Analysis Period: 1 January 2005 - 31 December 2005

Figure 4.5 Total number of drivers by apparent driver action

Driver Action	Number of drivers	Percentage
Backing Unsafely	267	0.92
Careless Driving	190	0.66
Changing Lanes Improperly	383	1.32
Disobeyed Traffic Control Device / Officer	316	1.09
Driver Inexperience	30	0.10
Driverless Vehicle Ran Out of Control	2	0.01
Driving Properly	6433	22.24
Driving Too Fast for Conditions	721	2.49
Driving Wrong Way on Roadway	13	0.04
Exceeding Speed Limit	39	0.13
Failed to Signal	2	0.01
Failed to Yield Right of Way	659	2.28
Following Too Closely	1076	3.72
Leave Stop Sign Before Safe to Do So	258	0.89
Lost Control / Drive Off Road	202	0.70
Parking Improperly	12	0.04
Passing Improperly	53	0.18
Passing a Vehicle at Pedestrian X-Walk	15	0.05
Pedestrian Error / Confusion	5	0.02
Taking Avoiding Action	126	0.44
Turning Improperly	498	1.72
Unsafe Operating Speed (Too Fast or Too Slow)	45	0.16
Unknown	17574	60.77
TOTAL	28919	100.0 %

NOTE: Number of drivers does not include cyclists