

Driver Factors

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Driver Factors

Driver factors captured for collisions include age and gender of the driver, traffic charges laid, human action contributing to the collision and driver's licence class. The information gathered for drivers shows several indicators that help predict an individual's likelihood of causing a collision. These indicators are used in programs directed at identifying those more likely to cause collisions, and working to address the behaviours, which increase their collision risk.

Driver Improvement Program

SGI's Driver Improvement Program monitors the driving records of all Saskatchewan drivers and intervenes when an individual's record warrants it. The purpose of the program is to encourage drivers that are incurring convictions, or are involved in at-fault collisions, to develop and maintain safe driving habits. SGI uses a demerit system for tracking driver performance.

SGI sends warning letters advising drivers of their deteriorating driving records. Drivers who, in spite of a warning, incur additional convictions or at-fault collisions are required to attend a Traffic Safety Workshop or an interview with an SGI driver examiner. Further convictions or at-fault collisions may result in the driver being required to take a road test, a defensive driving course or Driver Improvement Training. Subsequent convictions or at-fault collisions may result in licence restrictions or suspensions.

Graduated Driver's Licensing Program

The Graduated Driver's Licensing (GDL) Program was implemented in September 2005. It was designed to improve road safety by exposing new drivers to incremental levels of risk as they gain more experience in the driving environment.

There are three stages in the program: a nine-month Learner stage, a six-month Novice 1 stage and a 12-month Novice 2 stage. Program restrictions relax as drivers advance through these stages. Drivers in the Novice 2 stage must remain free of at-fault collisions, traffic convictions and suspensions in order to graduate to a full licence.

Saskatchewan has a zero alcohol tolerance level for new drivers.

An evaluation on the initial effects of the program was undertaken during the first cycle of the program. Results indicate that GDL drivers of all ages had an 18 per cent reduction in at-fault crash risk. Program restrictions also appear to have a positive effect in reducing at-fault collisions specifically among young drivers. Particularly, nighttime crash risk was reduced by 52 per cent after the implementation of the program.

Driver Factors – SECTION 5

Licensed Drivers and Drivers in Collisions by Driver Age

Table 5.1

Age	Licensed Drivers			Drivers In 2007 Collisions								Rates	
	Male	Female	Total	Male	Female	Not Stated	Total	Property Damage	Personal Injury	Fatal	Total	Collision *Rates	Relative **Risk
<16	3,955	3,867	7,822	85	70	0	155	123	29	3	155	19.82	0.20
16	5,800	5,482	11,282	1,232	917	1	2,150	1,880	267	3	2,150	190.57	1.88
17	6,325	5,934	12,259	1,428	923	0	2,351	1,995	350	6	2,351	191.78	1.89
18	6,550	6,251	12,801	1,449	957	0	2,406	2,061	339	6	2,406	187.95	1.86
19	6,289	6,079	12,368	1,390	781	2	2,173	1,859	307	7	2,173	175.70	1.73
20	6,186	6,043	12,229	1,266	744	1	2,011	1,711	294	6	2,011	164.45	1.62
21	6,275	6,058	12,333	1,170	715	0	1,885	1,643	240	2	1,885	152.84	1.51
22	6,493	6,149	12,642	1,130	733	2	1,865	1,621	239	5	1,865	147.52	1.46
23	6,191	5,968	12,159	1,036	621	1	1,658	1,449	206	3	1,658	136.36	1.35
24	6,075	6,033	12,108	975	619	1	1,595	1,405	187	3	1,595	131.73	1.30
25	5,903	5,913	11,816	868	582	3	1,453	1,269	183	1	1,453	122.97	1.21
26	5,882	5,643	11,525	859	485	0	1,344	1,172	171	1	1,344	116.62	1.15
27	5,707	5,356	11,063	796	473	0	1,269	1,114	153	2	1,269	114.71	1.13
28	5,626	5,541	11,167	744	424	3	1,171	1,022	146	3	1,171	104.86	1.04
29	5,331	5,280	10,611	706	441	2	1,149	1,007	139	3	1,149	108.28	1.07
30	5,459	5,345	10,804	715	331	0	1,046	908	135	3	1,046	96.82	0.96
31	5,249	5,247	10,496	648	439	1	1,088	929	156	3	1,088	103.66	1.02
32	5,274	5,163	10,437	683	469	0	1,152	1,004	144	4	1,152	110.38	1.09
33	5,186	5,146	10,332	662	424	3	1,089	952	131	6	1,089	105.40	1.04
34	5,018	5,099	10,117	614	414	2	1,030	885	141	4	1,030	101.81	1.01
35	5,181	5,050	10,231	637	421	1	1,059	918	138	3	1,059	103.51	1.02
36	5,127	5,185	10,312	606	369	1	976	839	135	2	976	94.65	0.93
37	5,164	5,156	10,320	578	383	1	962	798	161	3	962	93.22	0.92
38	5,173	5,278	10,451	614	393	0	1,007	890	114	3	1,007	96.35	0.95
39	5,271	5,283	10,554	579	411	3	993	863	125	5	993	94.09	0.93
40	5,272	5,199	10,471	634	449	0	1,083	936	142	5	1,083	103.43	1.02
41	5,562	5,591	11,153	614	422	1	1,037	912	123	2	1,037	92.98	0.92
42	6,039	6,033	12,072	664	472	0	1,136	986	149	1	1,136	94.10	0.93
43	6,449	6,706	13,155	788	528	2	1,318	1,149	164	5	1,318	100.19	0.99
44	6,926	6,970	13,896	743	476	0	1,219	1,090	123	6	1,219	87.72	0.87
45	6,964	7,083	14,047	696	463	1	1,160	1,019	138	3	1,160	82.58	0.82
46	7,162	7,008	14,170	773	470	2	1,245	1,076	164	5	1,245	87.86	0.87
47	7,193	7,055	14,248	739	454	0	1,193	1,046	145	2	1,193	83.73	0.83
48	7,279	7,113	14,392	725	400	0	1,125	979	143	3	1,125	78.17	0.77
49	7,070	6,991	14,061	699	402	0	1,101	967	128	6	1,101	78.30	0.77
50	7,290	6,993	14,283	745	390	1	1,136	1,005	130	1	1,136	79.54	0.79
51	7,042	6,729	13,771	714	389	0	1,103	952	149	2	1,103	80.10	0.79
52	7,248	6,873	14,121	706	411	2	1,119	988	128	3	1,119	79.24	0.78
53	7,048	6,757	13,805	665	365	0	1,030	913	117	0	1,030	74.61	0.74
54	6,579	6,331	12,910	574	313	0	887	812	74	1	887	68.71	0.68
55	6,288	5,846	12,134	555	295	0	850	743	105	2	850	70.05	0.69
56	5,964	5,470	11,434	510	286	0	796	701	88	7	796	69.62	0.69
57	5,634	5,420	11,054	488	259	0	747	655	91	1	747	67.58	0.67
58	5,619	5,239	10,858	495	248	0	743	656	85	2	743	68.43	0.68
59	5,312	5,045	10,357	459	215	1	675	591	82	2	675	65.17	0.64
60	5,469	5,059	10,528	439	216	0	655	569	82	4	655	62.22	0.61
61	4,782	4,644	9,426	364	175	0	539	486	53	0	539	57.18	0.56
62	4,324	3,972	8,296	359	142	0	501	445	52	4	501	60.39	0.60

Driver Factors – SECTION 5

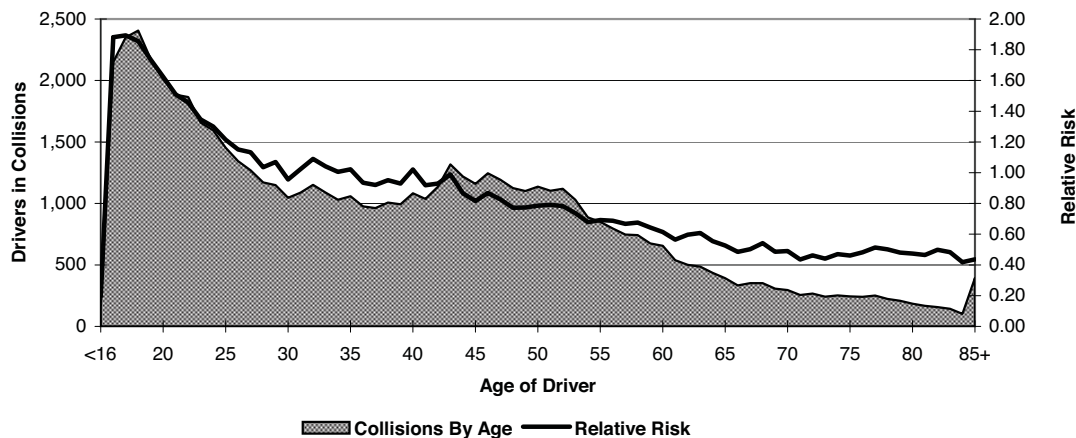
Age	Licensed Drivers			Drivers In 2007 Collisions								Rates	
	Male	Female	Total	Male	Female	Not Stated	Total	Property Damage	Personal Injury	Fatal	Total	Collision *Rates	Relative **Risk
63	4,052	3,843	7,895	328	157	1	486	433	51	2	486	61.56	0.61
64	3,978	3,765	7,743	311	124	0	435	383	51	1	435	56.18	0.55
65	3,726	3,631	7,357	271	121	0	392	346	45	1	392	53.28	0.53
66	3,464	3,323	6,787	225	108	0	333	291	41	1	333	49.06	0.48
67	3,593	3,327	6,920	250	100	2	352	321	30	1	352	50.87	0.50
68	3,267	3,155	6,422	243	109	0	352	304	47	1	352	54.81	0.54
69	3,194	3,043	6,237	199	108	0	307	271	33	3	307	49.22	0.49
70	2,975	2,985	5,960	199	97	0	296	262	34	0	296	49.66	0.49
71	3,007	2,796	5,803	180	76	0	256	228	28	0	256	44.12	0.44
72	2,943	2,760	5,703	173	94	0	267	249	17	1	267	46.82	0.46
73	2,770	2,654	5,424	165	77	0	242	211	29	2	242	44.62	0.44
74	2,718	2,572	5,290	166	86	0	252	220	32	0	252	47.64	0.47
75	2,710	2,515	5,225	164	80	0	244	207	35	2	244	46.70	0.46
76	2,572	2,360	4,932	167	74	0	241	215	25	1	241	48.86	0.48
77	2,466	2,366	4,832	167	84	0	251	216	32	3	251	51.95	0.51
78	2,284	2,108	4,392	151	72	0	223	204	15	4	223	50.77	0.50
79	2,162	2,113	4,275	137	71	0	208	175	33	0	208	48.65	0.48
80	2,007	1,848	3,855	125	60	0	185	164	21	0	185	47.99	0.47
81	1,844	1,705	3,549	103	64	0	167	152	15	0	167	47.06	0.46
82	1,631	1,478	3,109	111	45	1	157	136	20	1	157	50.50	0.50
83	1,542	1,380	2,922	99	44	0	143	120	22	1	143	48.94	0.48
84	1,262	1,150	2,412	64	38	0	102	92	10	0	102	42.29	0.42
85+	4,918	3,998	8,916	275	118	1	394	342	51	1	394	44.19	0.44
NS	0	0	0	211	72	5,754	6,037	5,782	251	4	6,037		
Total	350,290	338,551	688,841	40,102	23,858	5,797	69,757	61,317	8,253	187	69,757	101.27	

*The collision rate is the number of drivers in collisions divided by the number of licensed drivers in that age group multiplied by 1,000. e.g. the 16 year age group - (2,150/11,282) x 1,000 = 190.57

**The relative risk of being involved in a collision is calculated by dividing the total collision rate for each age group by the average rate for all drivers. e.g. for the 16 year age group - 190.57/101.27 = 1.88

Drivers in Collisions and Relative Risk by Driver Age

Figure 5.1



Driver Factors – SECTION 5

Licensed Drivers by Age, Gender and Year

Table 5.2

Age	2005			2006			2007		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
<16	4,318	4,136	8,454	4,136	3,983	8,119	3,955	3,867	7,822
16	6,267	6,005	12,272	6,126	5,719	11,845	5,800	5,482	11,282
17	6,422	6,130	12,552	6,421	6,155	12,576	6,325	5,934	12,259
18	6,436	6,138	12,574	6,390	6,057	12,447	6,550	6,251	12,801
19	6,445	6,215	12,660	6,214	6,053	12,267	6,289	6,079	12,368
20	6,641	6,271	12,912	6,303	6,037	12,340	6,186	6,043	12,229
21	6,430	6,243	12,673	6,431	6,200	12,631	6,275	6,058	12,333
22	6,267	6,212	12,479	6,223	6,074	12,297	6,493	6,149	12,642
23	6,122	6,079	12,201	6,026	6,005	12,031	6,191	5,968	12,159
24	5,968	5,749	11,717	5,883	5,860	11,743	6,075	6,033	12,108
25 - 34	52,121	51,437	103,558	52,500	51,550	104,050	54,635	53,733	108,368
35 - 44	58,850	59,327	118,177	56,708	57,638	114,346	56,164	56,451	112,615
45 - 54	68,835	66,007	134,842	69,764	67,259	137,023	70,875	68,933	139,808
55 - 64	46,752	44,140	90,892	48,847	45,933	94,780	51,422	48,303	99,725
65 - 74	31,242	29,208	60,450	31,277	29,568	60,845	31,657	30,246	61,903
75 >	24,615	21,842	46,457	24,993	22,400	47,393	25,398	23,021	48,419
Total	343,731	331,139	674,870	344,242	332,491	676,733	350,290	338,551	688,841

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Drivers In Collisions by Age, Gender and Year

Table 5.3

Age	2005				2006				2007			
	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total	Male	Female	Not Stated	Total
<16	102	84	0	186	94	69	0	163	85	70	0	155
16	1,220	965	1	2,186	1,179	821	0	2,000	1,232	917	1	2,150
17	1,193	922	3	2,118	1,287	944	1	2,232	1,428	923	0	2,351
18	1,391	827	2	2,220	1,367	835	2	2,204	1,449	957	0	2,406
19	1,327	796	2	2,125	1,291	817	0	2,108	1,390	781	2	2,173
20	1,223	675	2	1,900	1,219	702	1	1,922	1,266	744	1	2,011
21	1,163	707	0	1,870	1,172	662	0	1,834	1,170	715	0	1,885
22	964	612	2	1,578	1,054	605	2	1,661	1,130	733	2	1,865
23	1,004	559	3	1,566	919	552	1	1,472	1,036	621	1	1,658
24	897	497	2	1,396	864	539	0	1,403	975	619	1	1,595
25 - 34	6,438	3,806	18	10,262	6,739	4,007	1	10,747	7,295	4,482	14	11,791
35 - 44	6,214	3,930	17	10,161	6,046	4,016	6	10,068	6,457	4,324	9	10,790
45 - 54	6,341	3,525	8	9,874	6,424	3,706	4	10,134	7,036	4,057	6	11,099
55 - 64	3,696	1,794	6	5,496	3,951	1,909	1	5,861	4,308	2,117	2	6,427
65 - 74	1,851	901	2	2,754	2,081	900	2	2,983	2,071	976	2	3,049
75 >	1,474	647	3	2,124	1,479	700	0	2,179	1,563	750	2	2,315
NS *	266	79	3,811	4,156	228	81	4,471	4,780	211	72	5,754	6,037
Total	36,764	21,326	3,882	61,972	37,394	21,865	4,492	63,751	40,102	23,858	5,797	69,757

Drivers In Collisions by Age, Collision Severity and Year

Table 5.4

Age	2005				2006				2007			
	Property Damage	Personal Injury	Fatal	Total	Property Damage	Personal Injury	Fatal	Total	Property Damage	Personal Injury	Fatal	Total
<16	136	49	1	186	124	39	0	163	123	29	3	155
16	1,844	337	5	2,186	1,668	330	2	2,000	1,880	267	3	2,150
17	1,791	323	4	2,118	1,914	315	3	2,232	1,995	350	6	2,351
18	1,898	315	7	2,220	1,854	343	7	2,204	2,061	339	6	2,406
19	1,802	313	10	2,125	1,794	309	5	2,108	1,859	307	7	2,173
20	1,608	284	8	1,900	1,642	270	10	1,922	1,711	294	6	2,011
21	1,573	289	8	1,870	1,574	254	6	1,834	1,643	240	2	1,885
22	1,337	238	3	1,578	1,418	235	8	1,661	1,621	239	5	1,865
23	1,318	246	2	1,566	1,269	196	7	1,472	1,449	206	3	1,658
24	1,186	206	4	1,396	1,223	176	4	1,403	1,405	187	3	1,595
25 - 34	8,710	1,521	31	10,262	9,253	1,471	23	10,747	10,262	1,499	30	11,791
35 - 44	8,720	1,407	34	10,161	8,720	1,311	37	10,068	9,381	1,374	35	10,790
45 - 54	8,472	1,372	30	9,874	8,787	1,316	31	10,134	9,757	1,316	26	11,099
55 - 64	4,751	725	20	5,496	5,153	687	21	5,861	5,662	740	25	6,427
65 - 74	2,369	376	9	2,754	2,583	395	5	2,983	2,703	336	10	3,049
75 >	1,832	277	15	2,124	1,882	286	11	2,179	2,023	279	13	2,315
NS *	3,944	210	2	4,156	4,528	248	4	4,780	5,782	251	4	6,037
Total	53,291	8,488	193	61,972	55,386	8,181	184	63,751	61,317	8,253	187	69,757

* Driver age not stated.

Driver Factors – SECTION 5

Number of Charges Resulting from Collisions by Severity of Collision

Table 5.5

Charges Laid	Property	Personal	Fatal	Total	% of Total Factors
	Damage	Injury			
Unregistered Vehicle	123	52	4	179	2.9
Disobey Stop Sign	178	109	0	287	4.6
Fail to Signal	3	0	0	3	0.0
Speed Too Fast for Conditions	238	85	1	324	5.2
Driving Without Due Care	574	325	4	903	14.6
Following Too Close	219	92	0	311	5.0
Passing on Right	7	3	0	10	0.2
Improper Lane Change	83	16	0	99	1.6
Improper Turn	124	39	0	163	2.6
Fail to Yield Right of Way	683	336	0	1,019	16.4
Passing When Unsafe	18	10	0	28	0.5
Driving Left of Centre	14	3	0	17	0.3
Driving Wrong Way on a One Way Street	3	0	0	3	0.0
Fail to Yield to Pedestrian	2	29	0	31	0.5
Fail to Report	262	46	0	308	5.0
Disobey Traffic Signal	212	108	0	320	5.2
Improper Parking on Highway or Street	1	0	0	1	0.0
Passing School Bus When Forbidden	0	0	0	0	0.0
Inadequate Brakes	3	3	0	6	0.1
Lights, Tires, Windshield or Bumper Height *	2	4	0	6	0.1
Dangerous Driving	34	46	3	83	1.3
Driving While Disqualified	86	54	2	142	2.3
Criminal Negligence	0	3	3	6	0.1
Fail to Remain at Scene	119	37	5	161	2.6
Impaired Driving/Refuse Testing	323	216	10	549	8.8
Unsafe Backing	69	9	0	78	1.3
No Driver's Licence	282	127	2	411	6.6
Operator or Passenger Not Using Seatbelt	4	18	0	22	0.4
Speeding Past Highway Worker	0	0	0	0	0.0
Stunting	10	6	0	16	0.3
24-Hour Suspension	111	37	0	148	2.4
Other Offence	396	174	2	572	9.2
Total	4,183	1,987	36	6,206	100

* Defective or unauthorized

Number of Occurrences of Human Action by Age

Table 5.6

Human Action														Not Stated	Total	%
	<16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+				
Fail to Yield Right of Way	21	140	134	129	105	102	342	507	364	423	284	466	119	3,136	16.2	
Control Device Disregarded	6	36	38	55	53	40	132	168	120	141	95	131	59	1,074	5.6	
Following Too Close	1	103	109	140	99	85	277	409	288	298	151	106	82	2,148	11.1	
Too Fast for Road Conditions	16	220	228	240	182	150	501	729	515	455	230	154	107	3,727	19.3	
Exceeding Speed Limit	4	32	25	38	35	22	65	63	36	17	7	1	33	378	2.0	
Turning Improperly	4	51	35	52	28	35	123	142	140	130	94	111	45	990	5.1	
Passing or Improper Lane Use	2	46	50	55	39	27	134	143	135	157	89	125	82	1,084	5.6	
Backing Unsafe	7	63	54	33	34	39	108	236	242	265	176	197	143	1,597	8.3	
Fail to Signal	1	1	2	1	1	0	4	8	7	8	6	4	3	46	0.2	
Driving Wrong Way on a One Way	1	2	3	1	1	0	4	5	7	5	1	6	4	40	0.2	
Taking Evasive Action	4	75	63	70	67	66	165	293	210	186	93	75	18	1,385	7.2	
Careless Driving/Stunting	10	59	53	45	63	41	106	107	71	46	22	19	123	765	4.0	
Pedestrian Action Contributed	26	3	2	3	1	1	7	11	11	7	5	4	6	87	0.4	
Other Human Action	86	27	25	39	25	18	2,113	119	98	104	58	66	109	2,887	14.9	
Total	189	858	821	901	733	626	4,081	2,940	2,244	2,242	1,311	1,465	933	19,344		
Per cent	1.0	4.4	4.2	4.7	3.8	3.2	21.1	15.2	11.6	11.6	6.8	7.6	4.8	100		

Driver Factors – SECTION 5

Number of Charges Resulting from Collisions by Age

Table 5.7

Charges Laid	<16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Unregistered Vehicle	3	4	6	10	6	8	24	44	34	25	7	5	3	179	2.9
Disobey Stop Sign	3	17	11	21	12	15	28	46	30	38	23	43	0	287	4.6
Fail to Signal	0	0	0	1	0	0	1	1	0	0	0	0	0	3	0.0
Speed Too Fast for Conditions	2	33	34	33	21	10	45	55	32	32	21	5	1	324	5.2
Driving Without Due Care	5	66	65	82	65	54	123	147	95	91	45	62	3	903	14.6
Following Too Close	0	24	18	27	18	17	49	55	38	26	20	17	2	311	5.0
Passing on Right	0	0	0	0	0	0	1	2	1	4	1	1	0	10	0.2
Improper Lane Change	0	4	13	11	4	2	8	16	11	12	6	10	2	99	1.6
Improper Turn	2	8	2	6	5	6	25	20	21	27	20	21	0	163	2.6
Fail to Yield Right of Way	5	62	55	40	33	38	105	160	115	142	99	163	2	1019	16.4
Passing When Unsafe	0	0	1	3	1	1	6	3	4	2	6	1	0	28	0.5
Driving Left of Centre	0	1	2	1	1	0	2	2	0	4	3	1	0	17	0.3
Wrong Way on a One Way	0	0	0	0	0	0	1	0	0	0	0	2	0	3	0.0
Fail to Yield to Pedestrian	0	0	0	0	1	1	4	7	4	2	5	7	0	31	0.5
Fail to Report	7	26	16	25	20	20	62	71	28	16	3	7	7	308	5.0
Disobey Traffic Signal	0	11	12	18	16	16	44	44	46	38	35	39	1	320	5.2
Improper Parking	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.0
Passing School Bus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Inadequate Brakes	0	0	1	1	0	0	0	2	1	0	0	1	0	6	0.1
Lights, Tires, Windshield, Bumper*	0	0	0	0	0	0	1	0	2	1	2	0	0	6	0.1
Dangerous Driving	1	4	5	5	10	5	24	13	12	3	0	1	0	83	1.3
Driving While Disqualified	0	1	2	6	9	3	33	44	24	13	5	2	0	142	2.3
Criminal Negligence	0	1	1	0	0	1	1	1	0	1	0	0	0	6	0.1
Fail to Remain at Scene	0	5	6	10	5	10	31	42	29	10	6	4	3	161	2.6
Impaired Driving/Refuse Testing	1	11	22	30	35	28	102	131	102	61	19	7	0	549	8.8
Unsafe Backing	0	6	7	2	1	2	3	17	8	16	10	6	0	78	1.3
No Driver's Licence	20	26	25	28	40	17	71	90	37	31	11	11	4	411	6.6
Not Using Seatbelt	0	1	0	1	3	2	3	4	2	3	2	1	0	22	0.4
Speeding Past Highway Worker	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Stunting	0	2	1	1	4	2	3	1	2	0	0	0	0	16	0.3
24-Hour Suspension	0	4	7	4	14	7	29	44	16	13	3	4	3	148	2.4
Other Offence	9	48	38	46	30	21	67	93	68	52	44	52	4	572	9.2
Total	58	365	350	412	354	286	896	1,155	763	663	396	473	35	6,206	100

* Defective or unauthorized

Number of Occurrences of Human Condition by Age

Table 5.8

Human Condition	<16	16	17	18	19	20	21-24	25-34	35-44	45-54	55-64	65+	Not Stated	Total	%
Inattentive	58	619	615	642	509	434	1,548	2,274	1,895	1,891	1,154	1,421	967	14,027	69.5
Distracted	8	98	101	91	80	53	159	247	190	181	103	93	60	1,464	7.2
Had Been Drinking	6	22	29	44	63	36	128	182	99	57	23	14	40	743	3.7
Impaired	2	19	33	40	53	42	157	208	145	96	31	12	32	870	4.3
Extreme Fatigue	0	1	1	5	3	6	11	15	12	8	3	3	2	70	0.3
Fell Asleep	0	6	15	15	18	12	27	33	30	24	8	12	3	203	1.0
Driver Inexperience/Confusion	57	442	333	253	159	90	182	149	81	68	23	87	26	1,950	9.7
Lost Consciousness/Illness	1	1	1	2	1	1	6	8	18	12	11	18	2	82	0.4
Physical/Medical Disability	0	0	0	1	1	0	7	6	9	11	10	32	2	79	0.4
Drugs (Prescription or Illegal)	0	1	0	6	2	2	9	10	15	8	3	3	3	62	0.3
Defective Eyesight/Hearing	0	0	0	2	0	0	0	4	2	1	0	23	0	32	0.2
Other Human Conditions	4	29	20	25	17	18	60	96	70	68	41	85	81	614	3.0
Total	136	1,238	1,148	1,126	906	694	2,294	3,232	2,566	2,425	1,410	1,803	1,218	20,196	
Per cent	0.7	6.1	5.7	5.6	4.5	3.4	11.4	16.0	12.7	12.0	7.0	8.9	6.0	100	

Driver Factors – SECTION 5

Number of Drivers Involved in Collisions by Licence Class and Age

Table 5.9

Age Group	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Not Stated	Total
Under 16	1	2	0	0	4	0	91	57	155
16	1	0	0	0	1,952	0	122	75	2,150
17	1	0	0	0	2,227	0	55	68	2,351
18	18	0	1	1	2,230	0	63	93	2,406
19	32	2	1	5	1,969	0	49	115	2,173
20	77	0	7	14	1,758	0	29	126	2,011
21-24	413	3	21	57	5,900	0	109	500	7,003
25-34	1,231	31	61	170	9,253	0	164	881	11,791
35-44	1,426	66	84	249	8,280	2	45	638	10,790
45-54	1,682	114	153	264	8,337	0	28	521	11,099
55-64	818	114	86	154	4,906	1	10	338	6,427
65 and Over	228	23	26	35	4,844	0	1	207	5,364
Not Stated	4	0	0	0	19	0	0	6,014	6,037
Drivers In Collisions	5,932	355	440	949	51,679	3	766	9,633	69,757
Total Licensed Drivers	49,716	2,587	4,729	6,826	595,673	19	29,291	0	688,841
Relative Risk *	1.18	1.36	0.92	1.37	0.86	1.56	0.26	N/A	1.00

* Relative Risk = (% of Total Collisions in Class)/(% of Total Licence Holders in Class)

Licence Class

Class 1 - Operators of power units and truck tractors that have a trailer where the gross weight of the towed unit(s) exceeds 4,600 kg.

Class 2 - Operators of buses having a seating capacity in excess of 24 passengers.

Class 3 - Operators of trucks with more than two axles that have a trailer(s) in tow, where the gross weight of the towed unit does not exceed 4,600 kg.

Class 4 - Operators of taxis, ambulances, law enforcement vehicles and buses having a seating capacity of 24 or fewer passengers.

Class 5 - Operators of cars, vans, two-axle trucks, two-axle vehicles having a trailer(s) in tow where the gross weight of the the unit(s) does not exceed 4,600 kg, buses when not transporting passengers, three-axle motorhomes, taxis and ambulances when not used for hire.

Class 6 - Operators of motorcycles.

Class 7 - Class 5 operators, operating as a learner.

Number of Drivers Involved in Collisions by Year and Age

Table 5.10

Age Group	1998	1999	2000	2001	2002**	2003	2004	2005	2006	2007
Under 16	179	205	185	175	202	191	178	186	163	155
16	1,773	1,928	2,028	1,963	2,283	2,313	2,262	2,186	2,000	2,150
17	1,917	1,861	1,993	1,949	2,361	2,342	2,159	2,118	2,232	2,351
18	1,763	1,814	1,877	1,779	2,151	2,381	2,208	2,220	2,204	2,406
19	1,564	1,679	1,776	1,515	1,866	2,098	2,223	2,125	2,108	2,173
20	1,396	1,433	1,513	1,398	1,696	1,853	1,948	1,900	1,922	2,011
21-24	4,005	4,344	4,582	4,173	5,079	6,028	6,113	6,410	6,370	7,003
25-34	7,116	7,121	7,336	6,973	8,236	9,418	10,171	10,262	10,747	11,791
35-44	7,246	7,687	7,996	7,387	8,793	10,140	10,295	10,161	10,068	10,790
45-54	4,609	5,119	5,736	5,741	7,291	8,784	9,319	9,874	10,134	11,099
55-64	2,622	2,850	2,998	2,974	3,872	4,759	5,184	5,496	5,861	6,427
65 and Over	3,455	3,562	3,845	3,693	4,256	5,001	4,891	4,878	5,162	5,364
Not Stated	4,031	2,626	2,628	2,432	3,303	4,175	3,977	4,156	4,780	6,037
Drivers In Collisions	41,676	42,229	44,493	42,152	51,389	59,483	60,928	61,972	63,751	69,757

** Property damage only collisions in 2002 increased due to a change in reporting procedures.

Driver Factors – SECTION 5

Driver Factors - Section 5

Convictions – 2002 to 2007

Table 5.11

OFFENCE	2002	2003	2004	2005	2006	2007	Avg/yr
Exceed Speed Limit	66,872	64,536	61,565	55,368	47,682	52,290	58,052
Operator Fail To Wear Seatbelt	12,180	11,213	8,688	8,328	8,212	8,063	9,447
Stop Sign	5,175	5,784	5,258	5,421	5,044	5,348	5,338
No Licence/Inappropriate Licence	5,019	4,571	5,022	4,756	4,566	4,649	4,764
Operating Unregistered Vehicle	3,343	3,115	3,333	3,404	3,353	3,390	3,323
No Driver's Licence	1,476	2,137	2,150	2,373	3,020	4,110	2,544
Red Light	2,184	2,163	2,093	2,233	1,345	1,323	1,890
Without Due Care/Reasonable Consideration	1,926	1,878	1,965	1,825	1,800	1,833	1,817
Driving While Suspended Or Refused Issue, Etc.	1,165	1,115	1,273	1,326	1,401	1,483	1,294
Inadequate/Improper Equipment	1,017	838	773	854	690	892	844
Stunting	918	843	780	744	717	724	788
Fail To Display Plate/Stickers/Permit	1,386	1,218	738	237	202	172	659
U-Turn At Traffic Lights	720	594	620	783	520	607	641
Driving Contrary To Sign Direction	601	555	948	746	378	328	593
Drive Vehicle While Passenger Unrestrained	694	622	506	510	535	638	584
Too Fast For Conditions	606	580	581	521	548	550	564
Fail To Report Accident	735	580	558	539	433	445	548
Turn Left-Fail To Yield Approaching Vehicle	554	512	513	458	440	663	552
Fail To Maintain Sufficient Interval	585	539	462	487	472	463	501
Disobey Traffic Control Device	402	437	481	456	517	474	496
Amber Light	450	584	552	412	234	294	421
Pass Yield Sign	405	365	373	404	403	387	390
Exceed 60 Km/Hr Passing Emergency Vehicle	537	380	427	359	257	307	378
Fail To Obey Restricted Licence	229	202	196	251	433	779	348
Illegal U-Turn	247	267	294	258	254	241	260
Improper Turn	327	258	238	223	202	199	241
Unauthorized Use Of Plate/Registration	174	197	217	255	284	312	240
Fail To Exercise Care In Backing Up A Vehicle	392	203	237	236	143	185	233
Exceed 60Km/Hr Passing Highway Worker	308	83	206	91	253	221	194
Driving Left Of Centre	197	235	202	202	135	141	138
Failing To Yield To Vehicle On Right	234	183	178	142	146	172	176
Fail To Produce Licence/Registration	119	175	155	221	169	186	171
Insufficient Or No Signal	188	173	182	191	133	143	168
Excessive Noise	218	192	168	150	126	118	162
Fail To Yield To Pedestrian	145	146	130	135	125	135	136
Straddling Lanes	162	128	129	124	87	127	126
Inadequate Brakes	125	76	113	108	156	169	125
Flashing Red Light or Proceed Before Safe	160	173	108	114	46	59	110
Passing When Unsafe	116	117	119	97	98	88	106
Headlamps Not Illuminated	106	121	108	114	61	46	93
Passing On The Right	119	86	78	84	84	98	92
Cross Solid Lines	96	97	113	63	66	65	83
Disobey School Bus Signal	107	80	91	80	46	60	77
Fail To Stop For Railway Crossing	80	62	81	52	62	63	67
Improper Lane Use	81	76	54	79	63	29	64
Driving While on 24 Hour Suspension	62	61	68	48	59	60	60
Improperly Equipped M/C Operator	72	44	67	61	32	81	60
Enter Prov. Or Other Highway-Fail To Yield	50	34	37	44	66	83	52
Obscured Vision	66	58	50	44	23	33	46
Fail To Stop Leaving Lane Or Alley	56	45	43	26	33	40	41
Contest Of Speed	13	17	24	15	70	101	40
Deface Or Alter Licence/Registration/Plate	27	44	45	23	28	45	35
Allow Rider On Exterior Of Vehicle	29	35	25	59	25	32	34
Driving On Wrong Side Of Divided Highway	35	37	33	44	13	41	34
Fail To Yield On Green Arrow	29	31	29	28	26	20	27
Unlit Lamps Or Obstruction	38	18	25	38	36	6	27
Fail To Yield To Emergency Vehicle	34	24	23	32	17	29	27
Improper Stopping On Highway Or Street	40	31	18	25	24	14	25
Drive Over Median	39	28	21	28	12	22	25
Cutting In	19	22	25	21	14	37	23

Driver Factors – SECTION 5

Convictions – 2002 to 2007

Table 5.11

OFFENCE	2002	2003	2004	2005	2006	2007	Avg/yr
Fail To Dim	35	38	17	14	8	14	21
Improperly Equipped M/C	7	21	25	21	28	21	21
Glass Or Other Litter On Highway	20	15	14	21	11	12	16
False Statement/Fail To Furnish Information	2	3	4	14	7	50	13
Overcrowded Steering Compartment	19	13	15	13	9	9	13
Fail To Obey Flag Person Directions	17	11	12	10	3	10	11
Driver Permitting Illegal Towing	7	14	14	10	6	3	9
Flashing Red Light At Crosswalk	3	5	1	1	23	19	9
Too Slow For Conditions	8	6	8	5	10	9	8
Speeding Up On Being Overtaken	12	4	7	8	3	10	7
Insecure Load Or Unmarked Overhanging Load	9	13	5	5	7	2	7
Enter Or Leave Controlled Access Unlawfully	2	4	15	10	1	4	6
Fail Stop Bus/Dangerous Goods Vehicle At Railway	7	3	4	1	15	5	6
Produce Other Person's Licence	9	5	6	2	3	7	5
Obstructing A Licence Plate	0	0	0	2	7	21	5
Disobey Traffic Light Not At Intersection	9	3	4	5	3	5	5
Crossing Highway	8	1	5	2	1	3	3
Fail To Stop For Police Officer	0	0	0	0	1	17	3
Two Licences	3	2	0	1	0	8	2
Radar Detector In NSC Vehicle	0	0	0	1	4	9	2
Allowing Other Person To Use Licence	3	1	0	2	0	4	2
Allow Motorcycle Passenger-Improper Seating	0	2	3	2	2	0	2
Proceed Contrary To Arrow	1	1	2	3	0	2	2
Fail To Extinguish Spotlight	4	2	2	0	0	0	1
Drive Left Of Centre	0	0	0	0	8	0	1
Obstruct Intersection	1	0	1	0	1	4	1
Left Turn At Red Light Prohibited By Sign	0	0	0	0	1	6	1
Interfere With Funeral Procession	0	0	2	1	1	0	1
Motorcycle In Same Lane As Another Vehicle	0	0	1	2	0	0	1
Fail To/Improperly Activate School Bus Lights	1	1	0	0	0	0	0
Use Amber Beacon or Flashing Light-Prohibited	0	0	0	0	0	2	0
Motorcycles More Than Two Abreast	0	0	0	0	0	1	0
Total	113,676	109,186	103,756	96,506	86,582	93,970	100,613

Criminal Code Convictions – 2002 to 2007

Table 5.12

	2002	2003	2004	2005	2006	2007	Avg/yr
Over 80 Mg Alcohol In Blood	3,746	3,093	2,915	2,611	2,490	2,652	2,918
Drive While Disqualified (T.S.)	868	866	1,000	1,021	973	946	946
Impaired Driving	841	846	786	725	749	677	771
Drive While Disqualified (C.C.)	748	688	617	617	554	522	624
Fail To Comply With A Demand	170	144	154	162	138	139	151
Dangerous Driving	165	143	156	147	141	133	148
Fail To Stop For Police Officer (C.C.)	87	80	102	91	101	84	91
Leave Scene Of Accident	90	82	90	102	73	82	78
Impaired Driving Causing Bodily Harm	43	29	34	35	38	39	36
Fail To Stop For Police Officer (T.S.)	32	44	31	34	23	5	28
Dangerous Driving Causing Bodily Harm	12	13	15	13	29	21	17
Dangerous Driving Causing Death	2	6	7	5	7	9	6
Impaired Driving Causing Death	4	1	8	2	5	13	6
Criminal Negligence Causing Bodily Harm	0	0	0	1	4	1	1
Criminal Negligence Causing Death	1	0	0	2	0	1	1
Total	6,809	6,035	5,915	5,568	5,325	5,324	5,829

Driver Factors – SECTION 5

Convictions, Licensed Drivers and Drivers in Collisions by Age

Table 5.13

Age	*Convictions	Licensed Drivers	Drivers in Collisions	Convictions/100 lic drivers	Collisions/100 lic drivers	Conviction Risk	Collision Risk
<16	182	7,822	155	2.33	1.98	0.17	0.20
16	2,395	11,282	2,150	21.23	19.06	1.56	1.88
17	3,499	12,259	2,351	28.54	19.18	2.09	1.89
18	4,311	12,801	2,406	33.68	18.80	2.47	1.86
19	4,325	12,368	2,173	34.97	17.57	2.56	1.73
20	4,233	12,229	2,011	34.61	16.44	2.54	1.62
21	4,102	12,333	1,885	33.26	15.28	2.44	1.51
22	3,975	12,642	1,865	31.44	14.75	2.30	1.46
23	3,502	12,159	1,658	28.80	13.64	2.11	1.35
24	3,141	12,108	1,595	25.94	13.17	1.90	1.30
25 - 34	21,827	108,368	11,791	20.14	10.88	1.48	1.07
35 - 44	15,730	112,615	10,790	13.97	9.58	1.02	0.95
45 - 54	13,052	139,808	11,099	9.34	7.94	0.68	0.78
55 - 64	6,288	99,725	6,427	6.31	6.44	0.46	0.64
65 - 74	2,282	61,903	3,049	3.69	4.93	0.27	0.49
75 >	1,126	48,419	2,315	2.33	4.78	0.17	0.47
Not Stated			6,037				
Total	93,970	688,841	69,757	13.64	10.13	1.00	1.00

* Does not include Criminal Code convictions

Convictions and Collisions by Age Group

Figure 5.2

