

Section 2. Collisions

This section classifies collisions by type of collision, traffic control violations, roadway locations, vehicle type, time of collision and environmental conditions.



Analysis Period: 1 January 2006 - 31 December 2006

Figure 2.1 Total number of reported collisions by severity and initial impact

Road Location	Fatal	Injury	Property Dmg. Only	Reported Collisions
Fixed Object	3	133	711	847
Head On	1	19	74	94
Intersection 90 Degree	5	551	1644	2200
Left Turn (Left w/ Thru)	1	285	932	1218
Left Turn (Opp Dir)	0	101	321	422
Left Turn (Same Dir)	0	41	218	259
Off Road Left	0	2	12	14
Off Road Right	0	3	23	26
Over-Taking	0	27	225	252
Pedestrian	8	322	21	351
Rear End	1	1338	4331	5670
Right Turn (Opp Dir)	0	22	87	109
Right Turn (Same Dir)	0	28	173	201
Sideswipe (Opposing)	0	28	208	236
Sideswipe (Same Dir)	0	141	1599	1740
Unknown	0	36	259	295
TOTAL	19	3077	10838	13934



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Figure 2.2 Total number of reported collisions by severity and traffic control type

Traffic Control Type	Fatal	Injury	Property Dmg. Only	Reported Collisions
4-Way Stop	0	26	66	92
Flashing School Signals	0	1	1	2
Flashing Signal Light	0	3	13	16
Left Turn on Red	0	0	5	5
Merge	0	3	23	26
Officer/Flagman/School Guard	0	0	3	3
Overhead Signs	0	1	0	1
Pedestrian Corridor	2	75	116	193
Pedestrian Crosswalk	0	11	46	57
R.R. Auto Controls	0	1	3	4
R.R. Crossing	0	1	3	4
R.R. Gates	0	2	4	6
Right Turn on Red	0	1	2	3
Stop	5	513	1675	2193
Traffic Signal/Control Device	6	1572	4750	6328
Turn Controls	0	0	1	1
Warning Sign	0	0	4	4
Yield	0	73	256	329
Unknown	6	794	3867	4667
TOTAL	19	3077	10838	13934



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Figure 2.3 Total number of reported collisions by severity and road location

Road Location	Fatal	Injury	Property Dmg. Only	Reported Collisions
Back Lane (Intersection)	0	7	28	35
Between Intersections	6	627	3124	3757
Bridge/Overpass	0	8	41	49
Intersection	12	2320	7158	9490
Intersection of Private Drive/Lane	1	102	427	530
Parking Lot (Intersection)	0	5	24	29
Passing/Climbing Lane	0	1	0	1
Railroad Level Crossing	0	2	12	14
Tunnel/Underpass	0	1	7	8
Unknown	0	4	17	21
TOTAL	19	3077	10838	13934

NOTE: "Intersection" is defined as those collisions which are at intersections.
 "Non-intersection" is defined as all other collisions.



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Figure 2.4 Total number of reported collisions by hour of day and day of week

Hour	Days of the Week							Reported Collisions	Percentage
	Mon	Tue	Wed	Thu	Fri	Sat	Sun		
00:00 - 00:59	10	9	18	11	24	37	23	132	0.9
01:00 - 01:59	11	15	15	16	24	44	35	160	1.1
02:00 - 02:59	9	8	11	14	26	56	66	190	1.4
03:00 - 03:59	3	6	18	14	13	41	27	122	0.9
04:00 - 04:59	6	5	5	8	7	15	13	59	0.4
05:00 - 05:59	8	6	7	3	6	17	8	55	0.4
06:00 - 06:59	29	32	24	31	26	22	3	167	1.2
07:00 - 07:59	93	91	88	110	113	29	24	548	3.9
08:00 - 08:59	135	162	169	157	162	41	18	844	6.1
09:00 - 09:59	84	92	107	117	103	57	39	599	4.3
10:00 - 10:59	82	89	80	91	102	87	69	600	4.3
11:00 - 11:59	115	116	92	122	149	102	83	779	5.6
12:00 - 12:59	100	130	126	132	174	117	99	878	6.3
13:00 - 13:59	116	132	124	120	171	131	98	892	6.4
14:00 - 14:59	122	161	111	139	202	142	97	974	7.0
15:00 - 15:59	205	194	194	220	271	141	103	1328	9.5
16:00 - 16:59	261	260	226	234	250	113	111	1455	10.4
17:00 - 17:59	169	193	171	217	225	116	98	1189	8.5
18:00 - 18:59	111	117	114	128	125	116	84	795	5.7
19:00 - 19:59	65	63	78	99	95	64	54	518	3.7
20:00 - 20:59	67	54	57	46	69	45	51	389	2.8
21:00 - 21:59	45	44	36	52	89	68	46	380	2.7
22:00 - 22:59	38	39	42	66	73	56	47	361	2.6
23:00 - 23:59	32	21	38	34	62	75	24	286	2.1
Unknown	28	31	28	32	45	37	33	234	1.7
TOTAL	1944	2070	1979	2213	2606	1769	1353	13934	100 %
Percentage	14.0	14.9	14.2	15.9	18.7	12.7	9.7		

NOTE: 'Unknown' hour means no time recorded

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Figure 2.5 Total number of reported collisions by hour of day

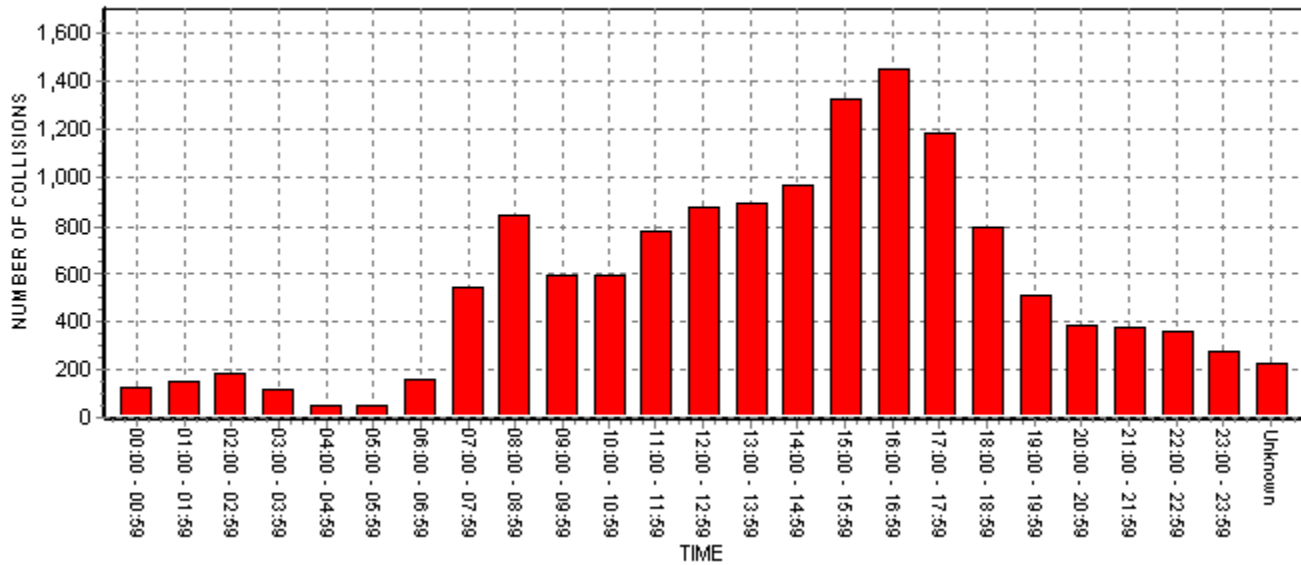
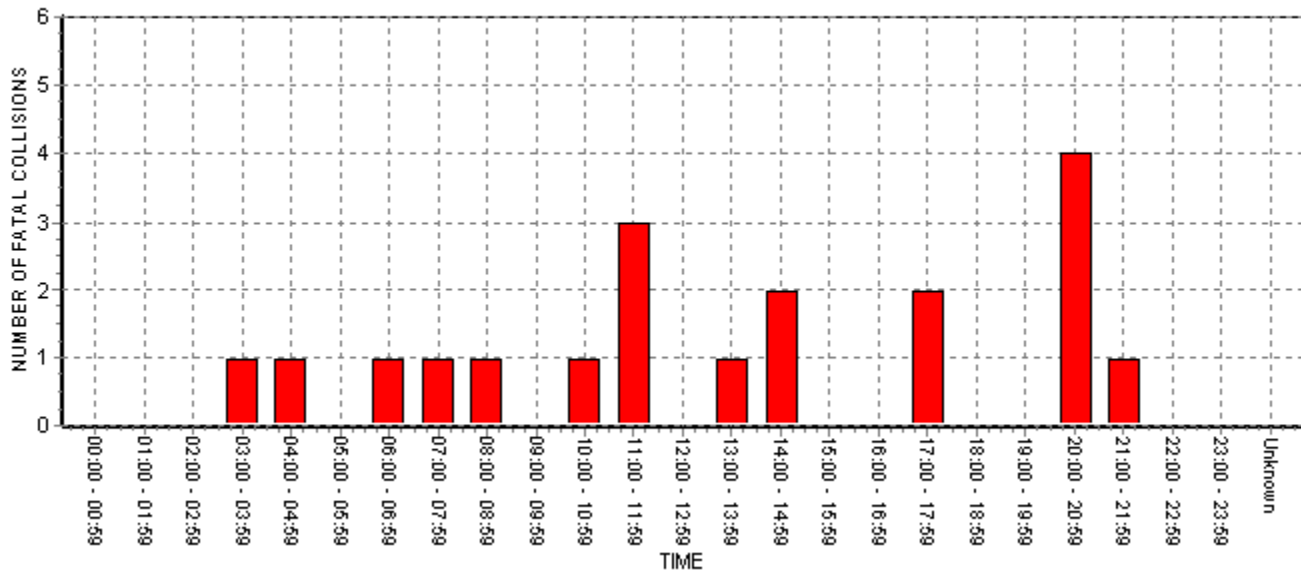


Figure 2.5.1 Total number of reported collisions by hour of day (Fatal)



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Figure 2.5.2 Total number of reported collisions by hour of day (Injury)

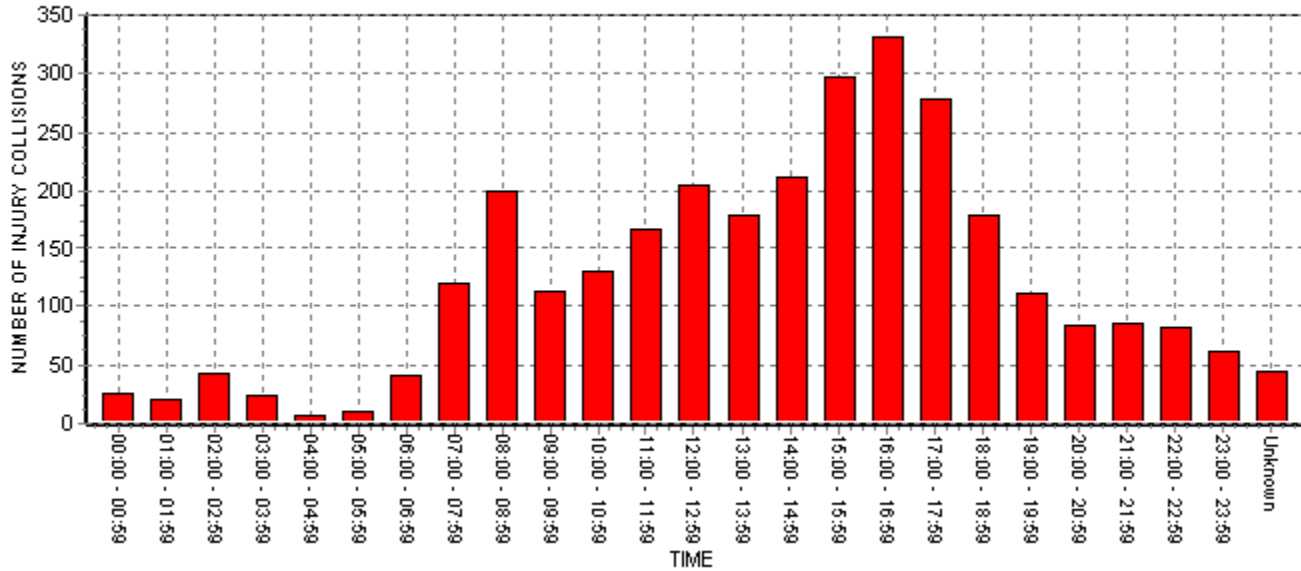
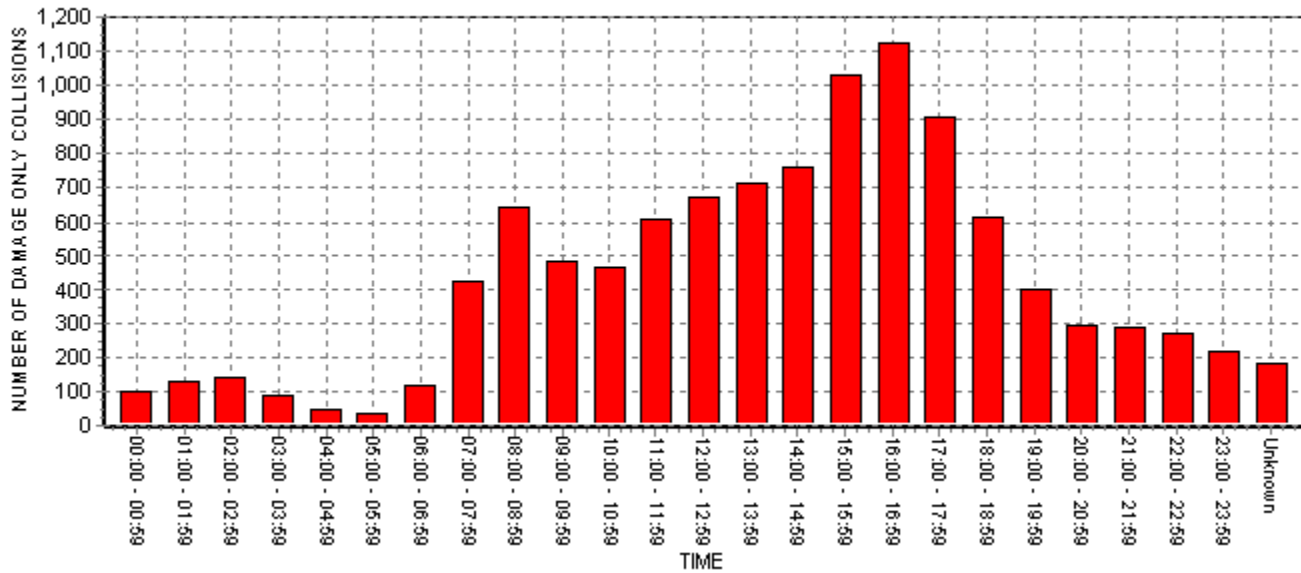


Figure 2.5.3 Total number of reported collisions by hour of day (P.D. only)

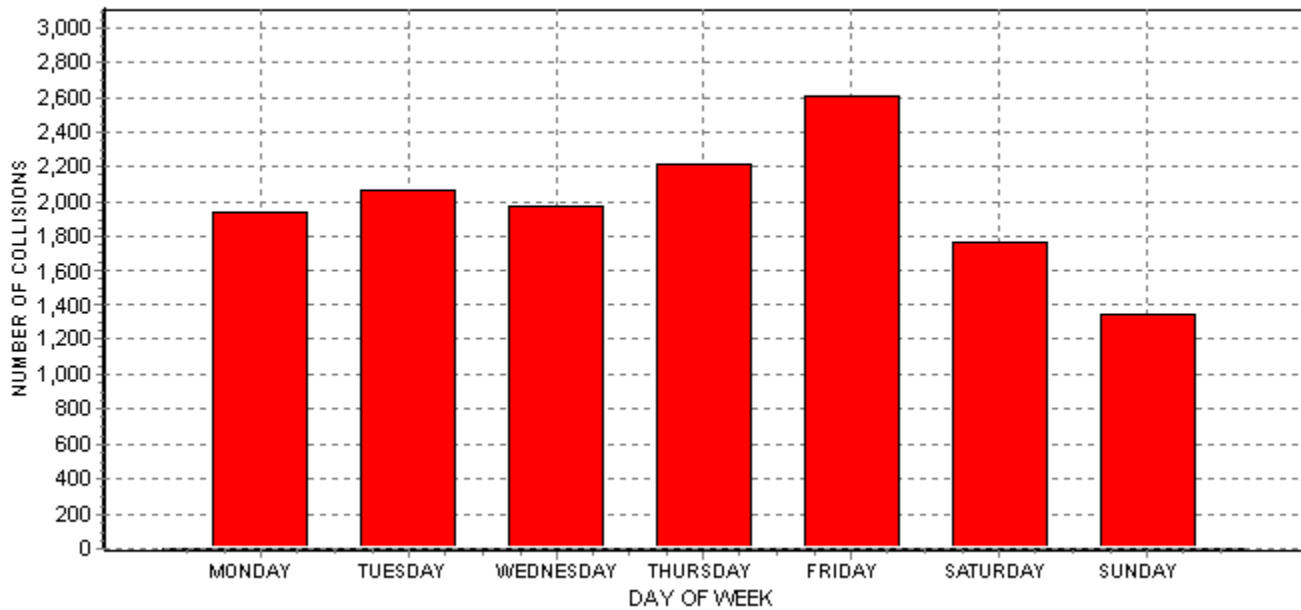


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Figure 2.6 Total number of reported collisions by severity and day of week

Day Of Week	Fatal	Injury	Property Dmg. Only	Reported Collisions
MONDAY	4	415	1525	1944
TUESDAY	0	493	1577	2070
WEDNESDAY	1	481	1497	1979
THURSDAY	4	532	1677	2213
FRIDAY	3	524	2079	2606
SATURDAY	3	357	1409	1769
SUNDAY	4	275	1074	1353
TOTAL	19	3077	10838	13934

Figure 2.7 Total number of reported collisions by day of week

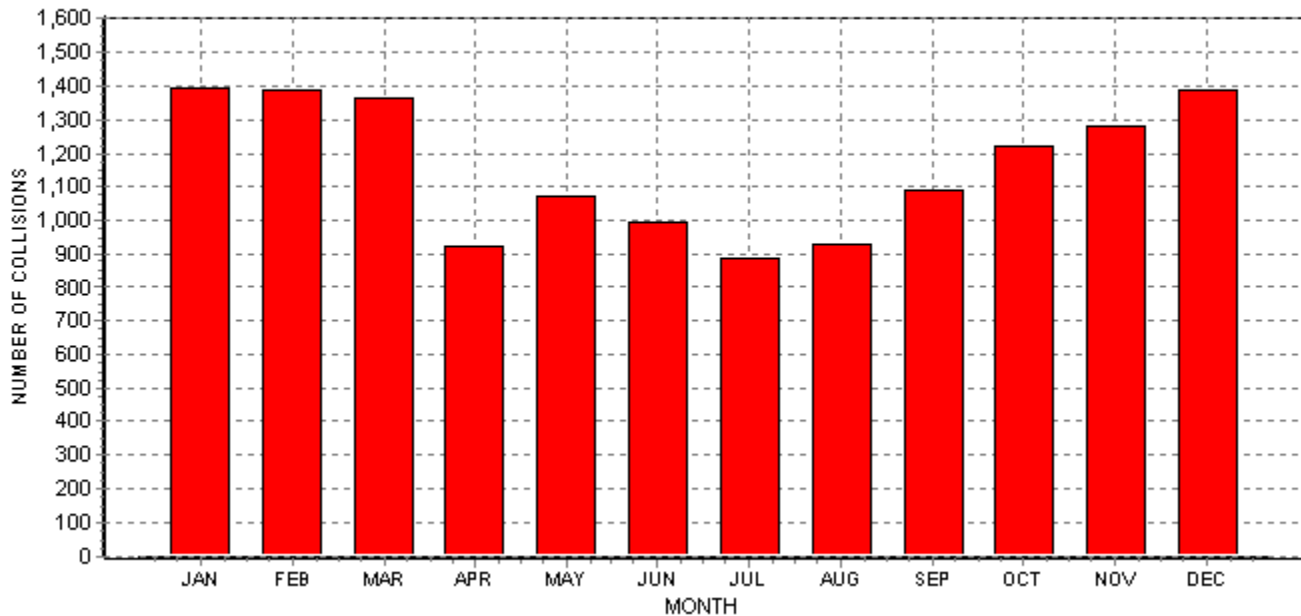


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Figure 2.8 Total number of reported collisions by month of year

Month	Fatal	Injury	Property Dmg. Only	Reported Collisions
JANUARY	1	248	1142	1391
FEBRUARY	0	288	1100	1388
MARCH	0	279	1085	1364
APRIL	2	223	698	923
MAY	2	272	796	1070
JUNE	2	239	757	998
JULY	2	239	649	890
AUGUST	1	285	647	933
SEPTEMBER	2	274	817	1093
OCTOBER	2	257	959	1218
NOVEMBER	4	238	1037	1279
DECEMBER	1	235	1151	1387
TOTAL	19	3077	10838	13934

Figure 2.9 Total number of reported collisions by month of year

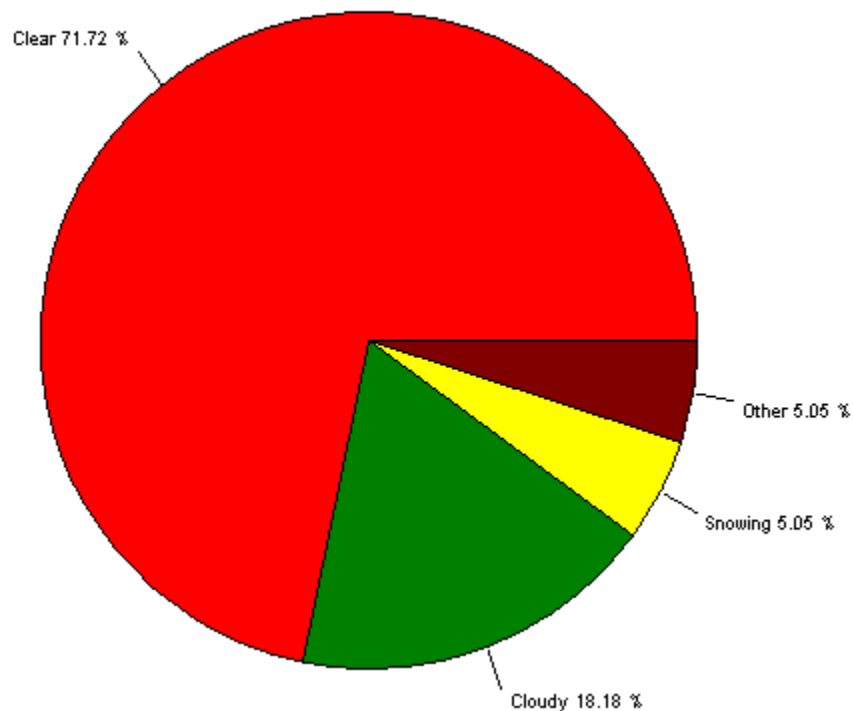


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Figure 2.10 Total number of reported collisions by environment condition

Weather Condition	Fatal	Injury	Property Dmg. Only	Reported Collisions
Clear	7	2207	7616	9830
Cloudy	6	545	1922	2473
Drifting Snow	0	3	9	12
Fog or Mist	1	14	36	51
Freezing Rain / Sleet / Hail	0	12	37	49
Raining	3	118	359	480
Snowing	2	130	632	764
Strong Winds	0	3	7	10
Unknown	0	45	220	265
TOTAL	19	3077	10838	13934

Figure 2.11 Percentage of total number of reported collisions by environment condition



NOTE: Items less than 5% are combined into 'Other' category



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Figure 2.12 Total number of reported collisions by severity and road location

Road Location	Fatal	%	Injury	%	Damage	%	Collisions	%
Intersection	12	0.09	2320	16.65	7158	51.37	9490	68.11
Non-Intersection	7	0.05	757	5.43	3680	26.41	4444	31.89
TOTAL	19	0.14	3077	22.08	10838	77.78	13934	100.00



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Figure 2.13 Total number of reported collisions by road surface condition and by road location

Road Surface Condition	Intersection	Non-Intersection	Reported Collisions
Dry	6250	2908	9158
Fresh Oil	1	0	1
Ice	1134	578	1712
Loose Sand/Gravel/Dirt	13	5	18
Mud	7	5	12
Slush	171	68	239
Snow	669	380	1049
Wet	1088	404	1492
Unknown	157	96	253
TOTAL	9490	4444	13934