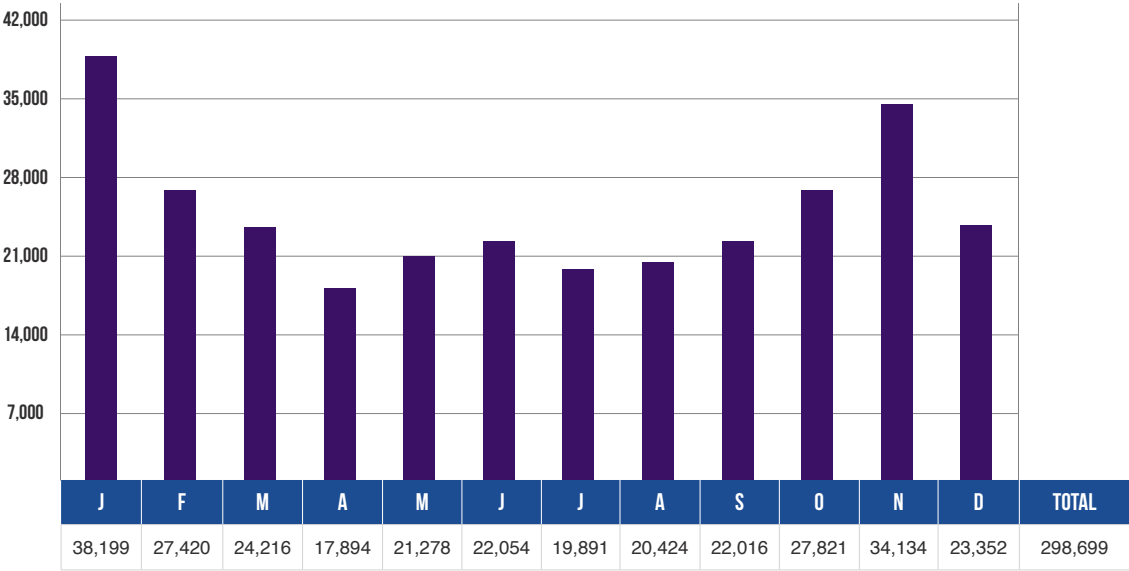
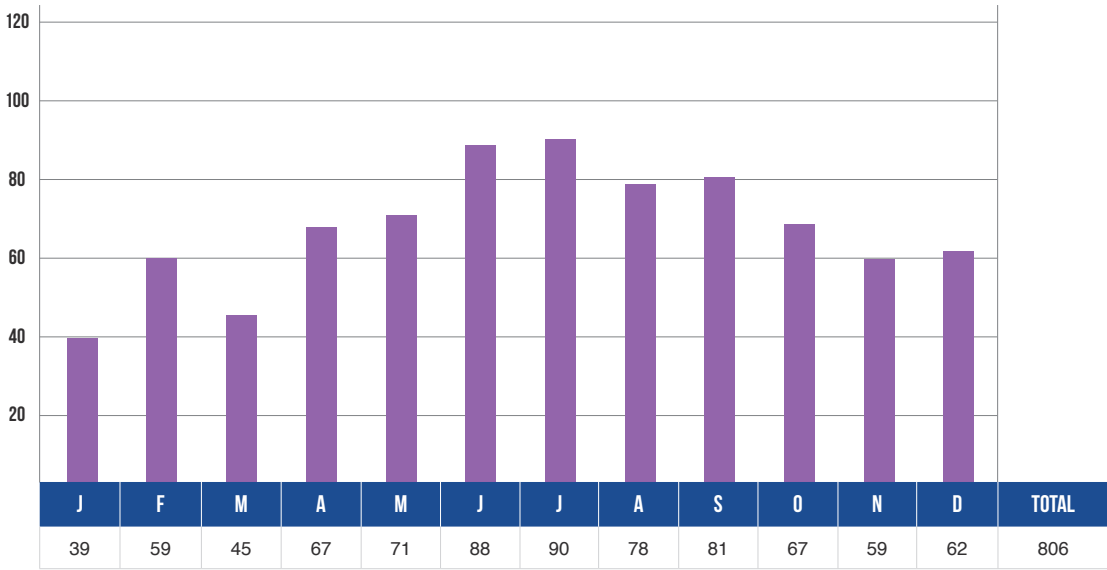


ALL CRASHES INJURY SEVERITY BY MONTH

TOTAL CRASHES

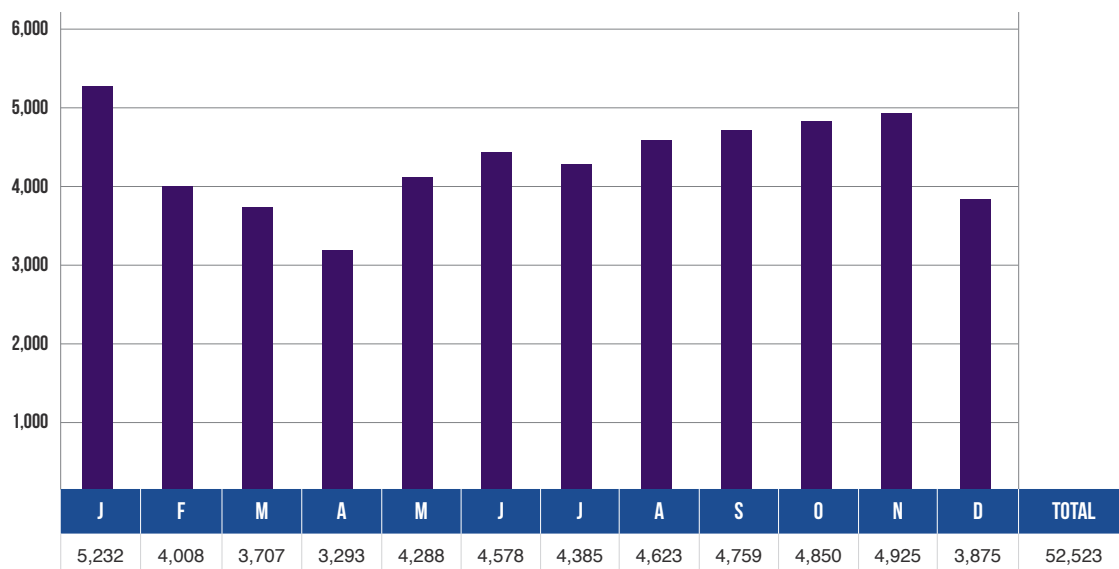


FATAL CRASHES

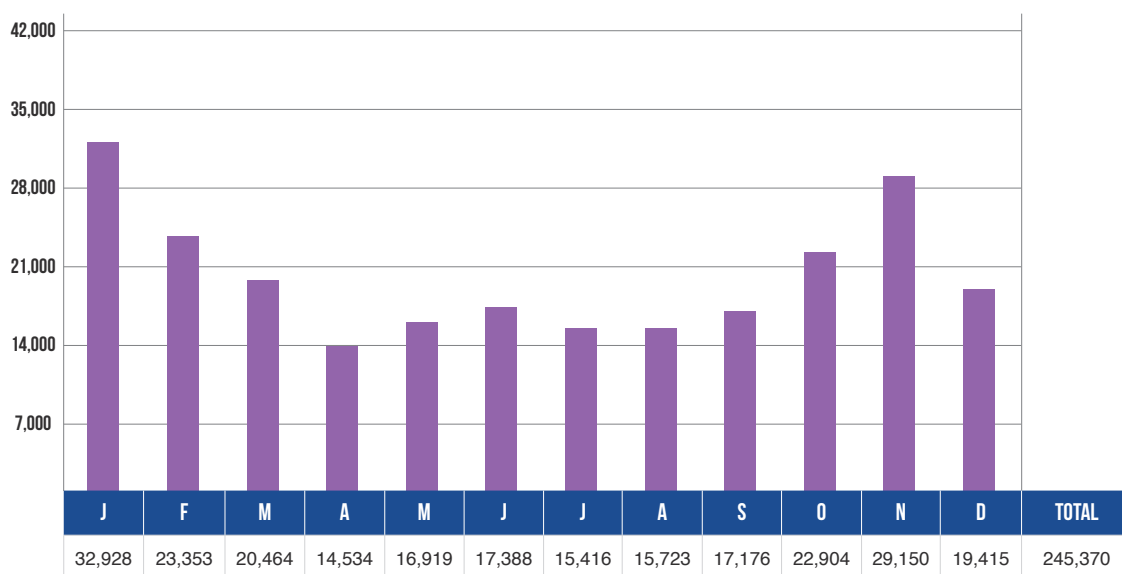


ALL CRASHES INJURY SEVERITY BY MONTH (CONTINUED)

INJURY CRASHES



PROPERTY DAMAGE ONLY CRASHES



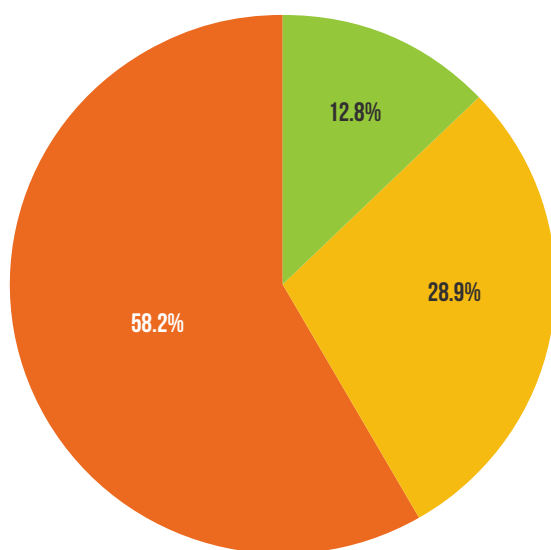
CRASH EXPERIENCE BY HIGHWAY CLASS

HIGHWAY CLASS	ALL CRASHES	FATAL CRASHES	INJURY CRASHES	PROPERTY DAMAGE ONLY
Interstate Routes	38,380	98	6,877	31,405
U.S. & Michigan Roads	86,352	250	15,583	70,519
County & City Roads	173,967	458	30,063	143,446
TOTAL	298,699	806	52,523	245,370

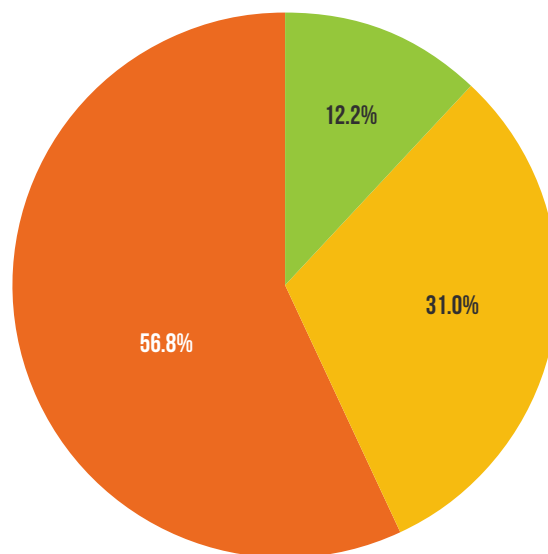
INTERSTATE ROUTES

U.S. & MICHIGAN ROADS

COUNTY & CITY ROADS



ALL CRASHES



FATAL CRASHES

The majority of all crashes (58.2%), fatal crashes (56.8%), injury crashes (57.2%), and property damage only crashes (58.5%) occur on county and city roads.

CRASH EXPERIENCE BY CRASH TYPE

CRASH TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Single Vehicle	101,783	34.1	411	51.0	1,698	4,744	8,074	86,856
Head On	3,903	1.3	119	14.8	275	454	739	2,316
Head On - Left Turn	6,152	2.1	25	3.1	204	731	1,452	3,740
Angle	48,216	16.1	136	16.9	824	2,931	8,108	36,217
Rear End	76,022	25.5	47	5.8	518	2,343	12,079	61,035
Rear End - Left Turn	2,788	0.9	3	0.4	19	152	507	2,107
Rear End - Right Turn	2,976	1.0	0	0.0	9	57	358	2,552
Sideswipe - Same Direction	31,673	10.6	15	1.9	139	473	1,885	29,161
Sideswipe - Opposite Direction	6,513	2.2	5	0.6	60	203	523	5,722
Other/Unknown	18,673	6.3	45	5.6	299	822	1,843	15,664
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

The single vehicle crash type produces the highest percentage all crashes (34.1%), fatal crashes (51.0%), and property damage only crashes (35.4%). Single vehicle crashes include rollovers, which are a particularly deadly crash type. The rear end crash type produces the highest percentage of injury crashes (28.4%).

RELATIONSHIP TO ROADWAY

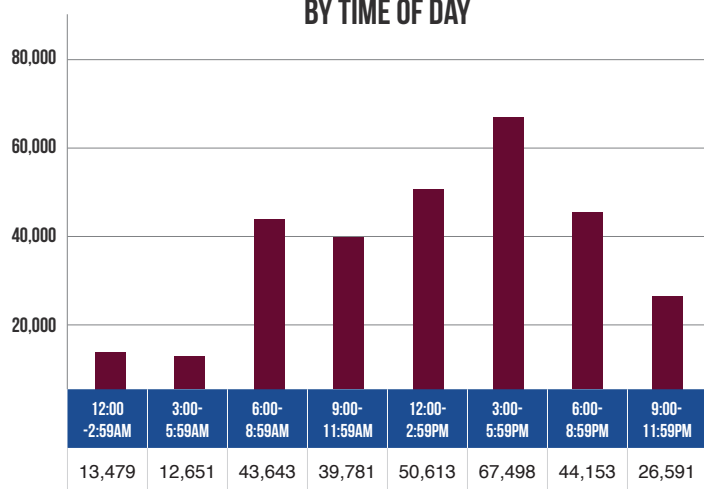
LOCATION OF FIRST IMPACT	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
On Road	254,875	85.3	572	71.0	2,968	9,933	30,204	211,198
Median	2,665	0.9	10	1.2	60	157	350	2,088
Shoulder	13,773	4.6	54	6.7	248	803	1,472	11,196
Outside of Shoulder/Curb	22,548	7.5	142	17.6	653	1,686	2,934	17,133
Gore	1,139	0.4	6	0.7	22	84	158	869
Other/Unknown	3,699	1.2	22	2.7	94	247	450	2,886
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

Only 7.5 percent of crashes occur outside the shoulder of the road, but these crashes account for 17.6 percent of the fatal crashes.

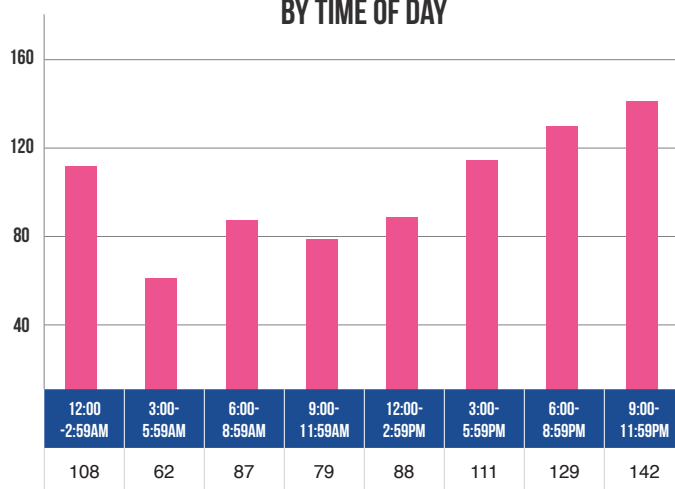
TIME AND SEVERITY

TIME OF DAY	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
12:00 AM - 2:59 AM	13,479	4.5	108	13.4	326	782	1,381	10,882
3:00 AM - 5:59 AM	12,651	4.2	62	7.7	223	560	1,032	10,774
6:00 AM - 8:59 AM	43,643	14.6	87	10.8	460	1,422	4,324	37,350
9:00 AM - 11:59 AM	39,781	13.3	79	9.8	457	1,715	5,136	32,394
12:00 PM - 2:59 PM	50,613	16.9	88	10.9	655	2,377	6,978	40,515
3:00 PM - 5:59 PM	67,498	22.6	111	13.8	875	3,005	9,065	54,442
6:00 PM - 8:59 PM	44,153	14.8	129	16.0	598	1,860	4,946	36,620
9:00 PM - 11:59 PM	26,591	8.9	142	17.6	450	1,180	2,693	22,126
Unknown	290	0.1	0	0.0	1	9	13	267
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

**ALL CRASHES
BY TIME OF DAY**



**FATAL CRASHES
BY TIME OF DAY**

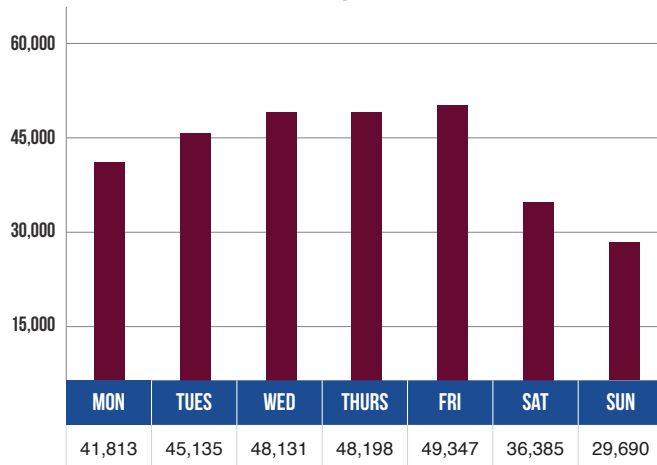


Crash frequencies peak in the late afternoon, then drop off steadily until 6:00 AM (the morning rush hour). Fatal crash frequencies rise with the frequency of other crashes, but continue at a high rate well into the early morning hours. The highest percentage of fatal crashes occurs during the 9:00 PM to 11:59 PM time period (17.6%).

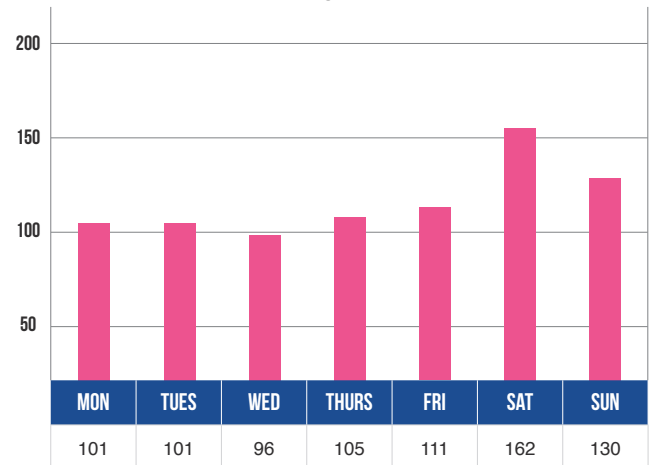
DAY OF WEEK

DAY OF WEEK	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Monday	41,813	14.0	101	12.5	478	1,653	5,047	34,534
Tuesday	45,135	15.1	101	12.5	528	1,900	5,473	37,133
Wednesday	48,131	16.1	96	11.9	558	1,887	5,673	39,917
Thursday	48,198	16.1	105	13.0	590	1,975	5,765	39,763
Friday	49,347	16.5	111	13.8	638	2,084	6,001	40,513
Saturday	36,385	12.2	162	20.1	649	1,866	4,246	29,462
Sunday	29,690	9.9	130	16.1	604	1,545	3,363	24,048
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

**ALL CRASHES
BY DAY OF THE WEEK**



**FATAL CRASHES
BY DAY OF THE WEEK**

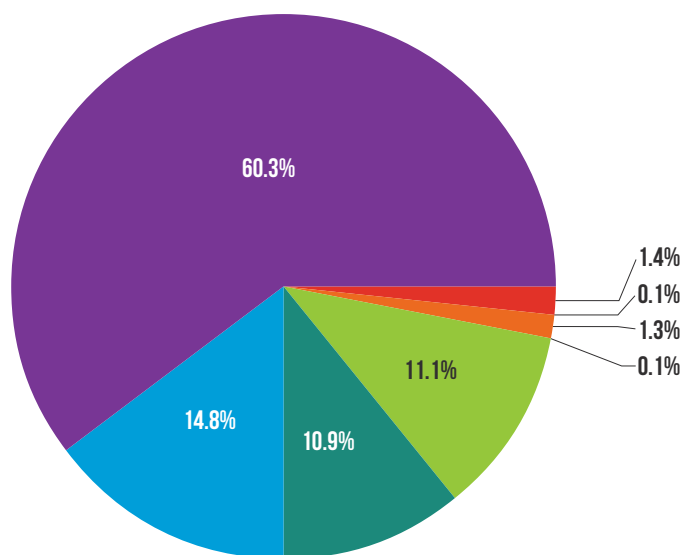


Crash frequencies are higher Monday through Friday than on the weekend. Saturday (162) and Sunday (130) have the highest number of fatal crashes.

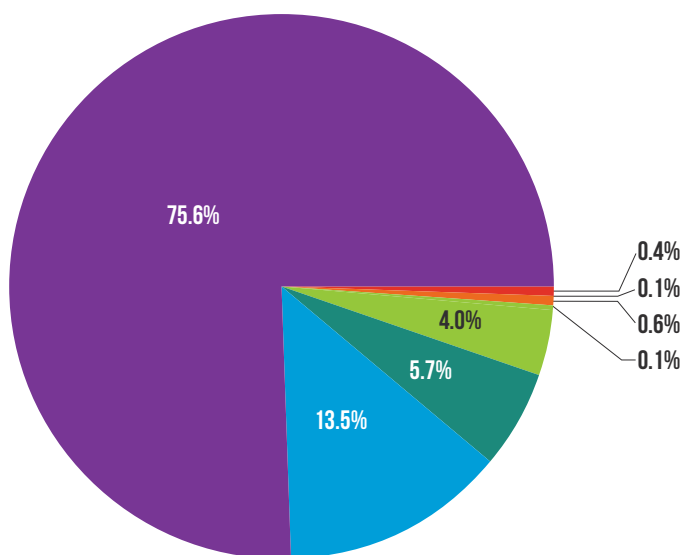
ROAD CONDITION

ROAD SURFACE CONDITION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Dry	180,150	60.3	609	75.6	2,823	8,939	22,596	145,183
Wet	44,061	14.8	109	13.5	526	1,831	5,857	35,738
Icy	32,668	10.9	46	5.7	350	1,058	3,506	27,708
Snowy	33,066	11.1	32	4.0	248	839	2,946	29,001
Muddy	366	0.1	1	0.1	18	27	30	290
Slushy	4,025	1.3	5	0.6	47	135	439	3,399
Debris	207	0.1	1	0.1	7	25	25	149
Other/Unknown	4,156	1.4	3	0.4	26	56	169	3,902
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

■ DRY
 ■ WET
 ■ ICY
 ■ SNOWY
 ■ MUDDY
 ■ SLUSHY
 ■ DEBRIS
 ■ OTHER/UNKNOWN



ALL CRASHES



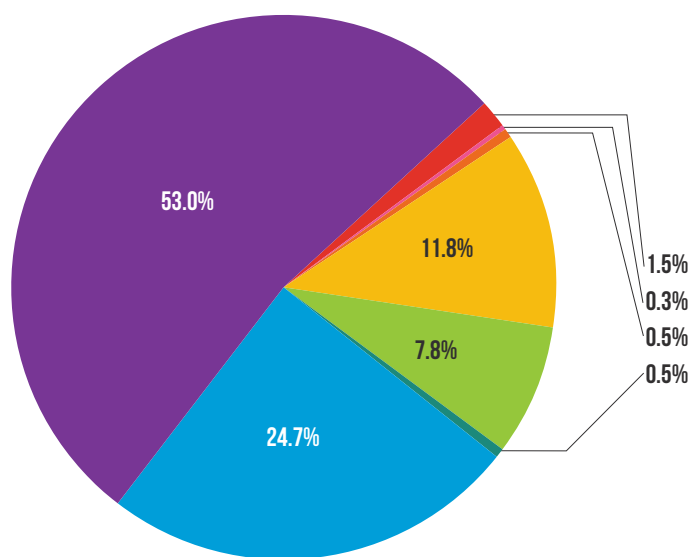
FATAL CRASHES

The majority of all crashes (60.3%), fatal crashes (75.6%), injury crashes (65.4%), and property damage only crashes (59.2%) occur on dry roads.

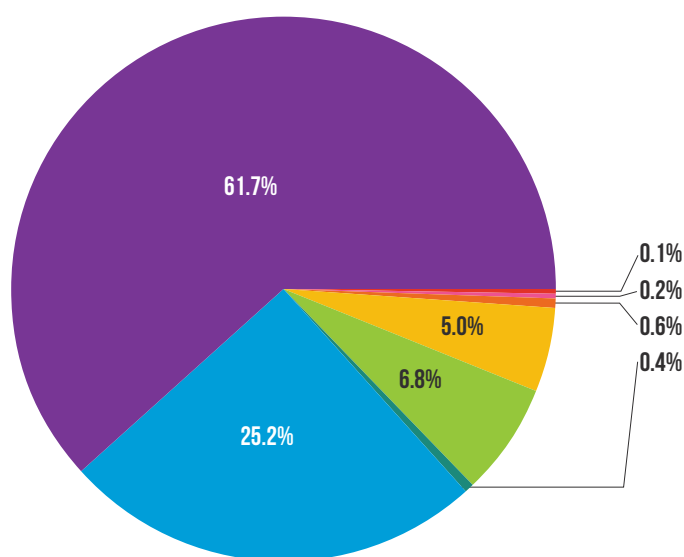
WEATHER CONDITION

WEATHER CONDITION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Clear	158,186	53.0	497	61.7	2,400	7,548	19,299	128,442
Cloudy	73,668	24.7	203	25.2	958	3,112	8,901	60,494
Fog/Smoke	1,574	0.5	3	0.4	19	81	160	1,311
Rain	23,294	7.8	55	6.8	293	1,040	3,172	18,734
Snow/Blowing Snow	35,213	11.8	40	5.0	336	986	3,632	30,219
Severe Wind	1,354	0.5	5	0.6	16	53	110	1,170
Sleet/Hail	872	0.3	2	0.2	3	35	108	724
Other/Unknown	4,538	1.5	1	0.1	20	55	186	4,276
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

■ CLEAR
 ■ CLOUDY
 ■ FOG/SMOKE
 ■ RAIN
 ■ SNOW/ BLOWING SNOW
 ■ SEVERE WIND
 ■ SLEET/HAIL
 ■ OTHER/UNKNOWN



ALL CRASHES



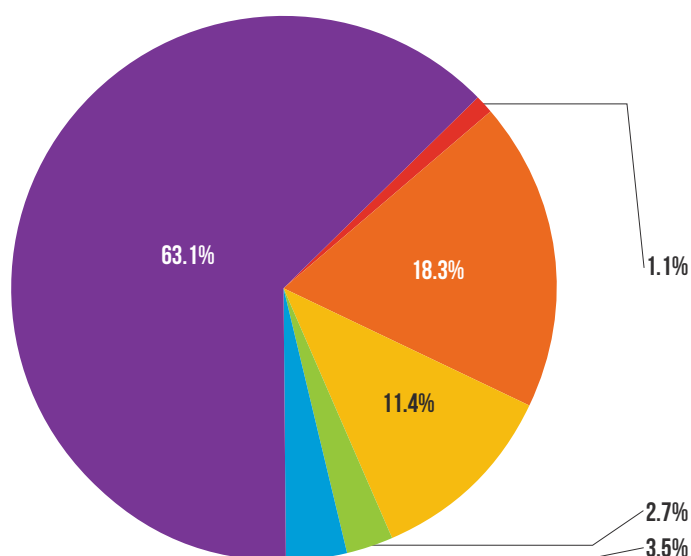
FATAL CRASHES

The majority of all crashes (53.0%), fatal crashes (61.7%), injury crashes (55.7%), and property damage only crashes (52.3%) occur during clear weather conditions.

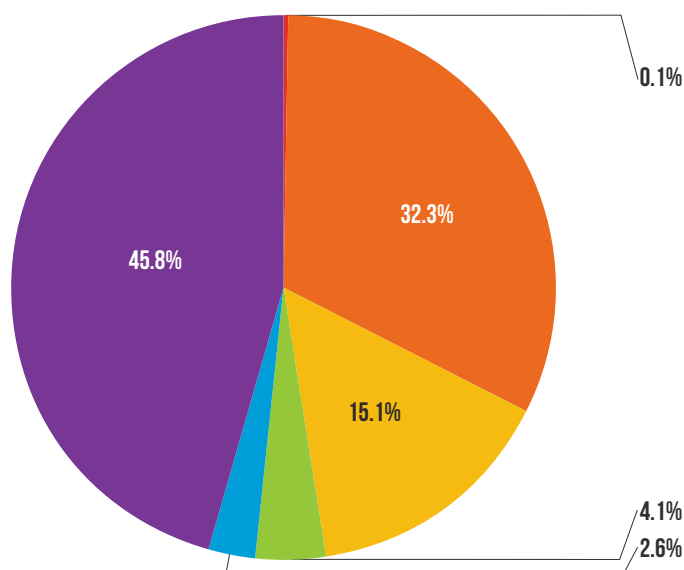
LIGHT CONDITION

LIGHT CONDITION	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Daylight	188,408	63.1	369	45.8	2,544	8,708	25,173	151,614
Dawn	10,447	3.5	21	2.6	81	298	796	9,251
Dusk	7,929	2.7	33	4.1	83	288	833	6,692
Dark – Lighted	34,029	11.4	122	15.1	617	1,693	4,736	26,861
Dark – Unlighted	54,653	18.3	260	32.3	708	1,894	3,939	47,852
Other/Unknown	3,233	1.1	1	0.1	12	29	91	3,100
TOTAL	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

■ DAYLIGHT
 ■ DAWN
 ■ DUSK
 ■ DARK-LIGHTED
 ■ DARK-UNLIGHTED
 ■ OTHER/UNKNOWN



ALL CRASHES



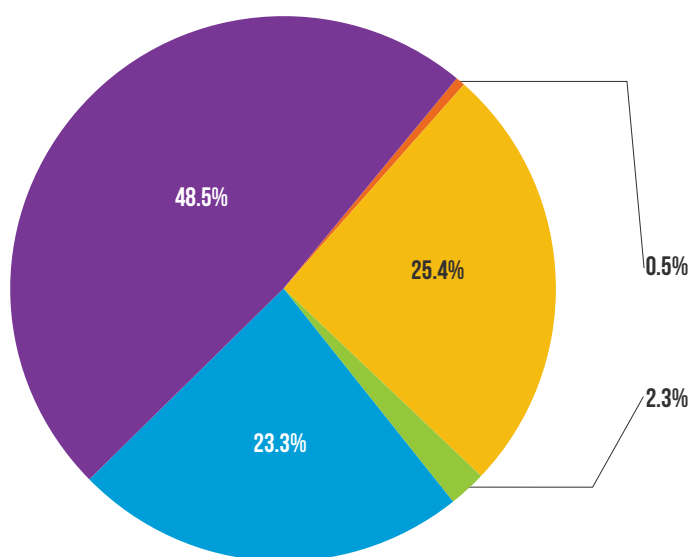
FATAL CRASHES

The majority of all crashes (63.1%), fatal crashes (45.8%), injury crashes (69.4%), and property damage only crashes (61.8%) occur during daylight hours.

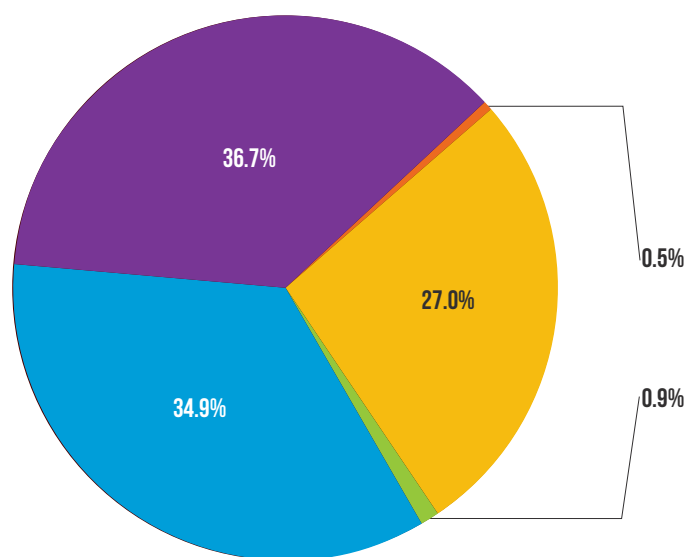
INTERSECTION CRASHES BY TRAFFIC CONTROL TYPE

TRAFFIC CONTROL TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Signal	43,485	48.5	79	36.7	564	2,295	7,482	33,065
Stop Sign	20,882	23.3	75	34.9	414	1,291	3,398	15,704
Yield Sign	2,051	2.3	2	0.9	25	81	284	1,659
None of These	22,771	25.4	58	27.0	313	1,155	3,194	18,051
Unknown	437	0.5	1	0.5	2	11	65	358
TOTAL	89,626	100.0	215	100.0	1,318	4,833	14,423	68,837

■ SIGNAL
 ■ STOP SIGN
 ■ YIELD SIGN
 ■ NONE OF THESE
 ■ UNKNOWN



ALL CRASHES



FATAL CRASHES

Compared to other intersection crashes, intersections with signals have the highest percentage of all crashes (48.5%), fatal crashes (36.7%), injury crashes (50.3%), and property damage only crashes (48.0%).

CONSTRUCTION ZONE CRASHES

CONSTRUCTION ZONE TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
CONSTRUCTION/MAINTENANCE	Indicates roadway construction, maintenance, or repair. The building, maintenance, or repair of the road itself and roadway-related features (e.g., overhead signs, signals).							
Activity—On Road								
Lane Closed	1,743	47.0	7	41.2	21	68	232	1,415
Lane Open	919	24.8	4	23.5	12	51	106	746
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0
Activity—Off Road								
Lane Closed	142	3.8	1	5.9	5	4	19	113
Lane Open	154	4.1	2	11.8	5	7	16	124
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0
Activity—None								
Lane Closed	361	9.7	2	11.8	4	11	62	282
Lane Open	389	10.5	1	5.9	6	14	50	318
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0
Activity—Unknown								
Lane Closed	1	0.0	0	0.0	0	0	0	1
Lane Open	0	0.0	0	0.0	0	0	0	0
Unknown Lane Closure	2	0.1	0	0.0	0	0	1	1
SUBTOTAL	3,711	100.0	17	100.0	53	155	486	3,000
UTILITY	Indicates work on facilities other than the roadway such as telephone, electrical, cable television, water, or sewer.							
Activity—On Road								
Lane Closed	69	7.4	0	0.0	0	2	10	57
Lane Open	501	53.9	1	50.0	3	17	43	437
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0
Activity—Off Road								
Lane Closed	22	2.4	0	0.0	1	2	3	16
Lane Open	49	5.3	0	0.0	2	3	6	38
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0

CONSTRUCTION ZONE CRASHES (CONTINUED)

CONSTRUCTION ZONE TYPE	ALL CRASHES		FATAL CRASHES		INJURY CRASHES			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
Activity—None								
Lane Closed	13	1.4	0	0.0	0	0	5	8
Lane Open	276	29.7	1	50.0	3	9	41	222
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0
Activity—Unknown								
Lane Closed	0	0.0	0	0.0	0	0	0	0
Lane Open	0	0.0	0	0.0	0	0	0	0
Unknown Lane Closure	0	0.0	0	0.0	0	0	0	0
SUBTOTAL	930	100.0	2	100.0	9	33	108	778
UNKNOWN	Unknown type, unknown lane closures,activity none							
SUBTOTAL	1,520		1		28	61	176	1,254
TOTAL	6,161		20		90	249	770	5,032