







ROADWAY INJURY EXPERIENCE FOR PEOPLE WHO HAD BEEN DRINKING AND/OR USING DRUGS

VEHICLE	SEVERITY	TOTAL	CRASHES INVOLVING DRINKING, NOT DRUGS		CRASHES INVOLVING DRUGS, NOT DRINKING		CRASHES INVOLVING DRINKING AND DRUGS		TOTAL CRASHES INVOLVING DRINKING AND/OR DRUGS	
			Operator in Crash	Operator Drinking	Operator in Crash	Operator Drugs	Operator in Crash	Operator Drinking and Drugs	Operator in Crash	Operator Drinking and/or Drugs
 BICYCLISTS	Total*	1,260	38	27	12	3	4	0	54	30
	Killed	29	4	3	5	2	1	0	10	5**
	Injured	971	32	22	7	1	2	0	41	23
 DRIVERS	Total*	476,129	12,335	8,148	2,665	1,659	1,967	1,311	16,967	11,118
	Killed	758	155	127	103	82	89	75	347	284**
	Injured	52,479	3,353	2,571	944	677	719	558	5,016	3,806
 MOTORCYCLISTS	Total*	3,571	264	219	44	31	55	44	363	294
	Killed	166	32	22	18	14	20	15	70	51**
	Injured	2,526	197	170	21	15	31	27	249	212
 ORV/ATV RIDERS	Total*	578	96	92	2	1	6	5	104	98
	Killed	21	7	7	2	1	1	1	10	9**
	Injured	336	65	65	0	0	3	3	68	68
 PEDESTRIANS	Total*	1,891	158	106	45	20	23	13	226	139
	Killed	183	34	25	18	4	9	5	61	34**
	Injured	1,453	113	75	27	16	13	8	153	99
 SNOWMOBILERS	Total*	109	16	15	0	0	1	1	17	16
	Killed	5	1	1	0	0	1	1	2	2**
	Injured	64	12	11	0	0	0	0	12	11

*Total does include property damage only crashes

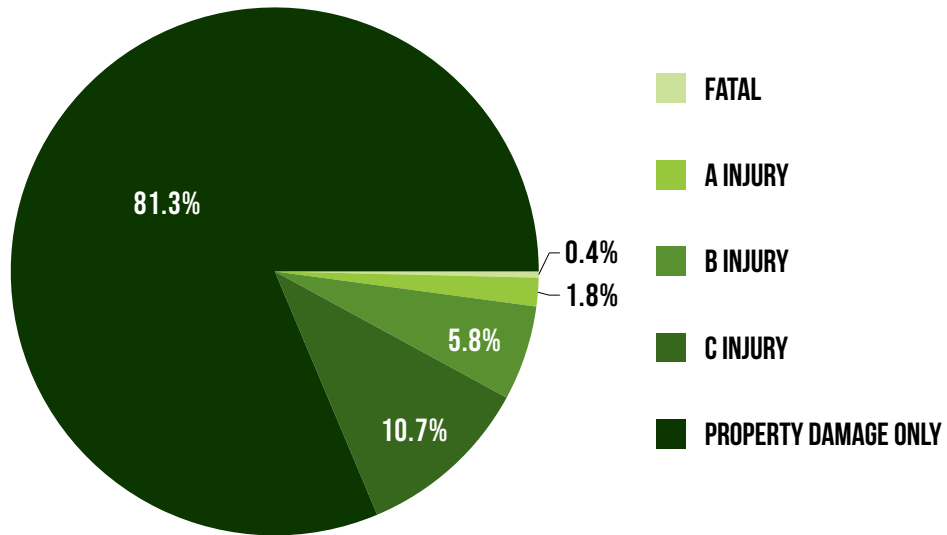
**There were five bicyclists, 284 drivers, 51 motorcyclists, nine ORV/ATV riders, 34 pedestrians, and two snowmobilers who were killed and coded as drinking and/or using drugs by the police officer.

DRIVER DRINKING AND/OR USING DRUGS AND INJURY SEVERITY IN CRASH BY AGE

AGE OF DRIVER IN CRASH	ALL CRASHES				FATAL				INJURY			
	Drinking Only	Drugs Only	Both	Total	Drinking Only	Drugs Only	Both	Total	Drinking Only	Drugs Only	Both	Total
13 years and under	0	0	0	0	0	0	0	0	0	0	0	0
14 years	0	0	1	1	0	0	0	0	0	0	1	1
15 years	3	0	1	4	0	0	0	0	3	0	0	3
16 years	19	11	1	31	2	2	0	4	8	4	1	13
17 years	31	18	12	61	2	1	1	4	14	11	5	30
18 years	81	27	19	127	1	3	2	6	35	8	6	49
19 years	105	42	21	168	4	6	5	15	46	18	10	74
20 years	148	54	42	244	6	6	4	16	47	25	23	95
21 - 24 years	1,034	216	186	1,436	17	20	12	49	408	116	89	613
25 - 34 years	2,581	554	476	3,611	51	44	48	143	985	255	226	1,466
35 - 44 years	1,727	394	302	2,423	53	33	23	109	634	167	153	954
45 - 54 years	1,203	179	117	1,499	31	11	10	52	473	82	51	606
55 - 64 years	877	128	99	1,104	23	14	5	42	362	57	51	470
65 - 69 years	188	24	23	235	6	2	1	9	66	9	10	85
70 - 74 years	104	12	10	126	3	1	0	4	38	5	3	46
75 - 79 years	38	4	1	43	2	2	0	4	13	1	0	14
80 - 84 years	15	0	0	15	0	0	0	0	5	0	0	5
85 - 89 years	2	1	0	3	0	0	0	0	0	0	0	0
90 years and over	1	1	0	2	0	0	0	0	0	1	0	1
Unknown	1	0	0	1	0	0	0	0	1	0	0	1
Total	8,158	1,665	1,311	11,134	201	145	111	457	3,138	759	629	4,526

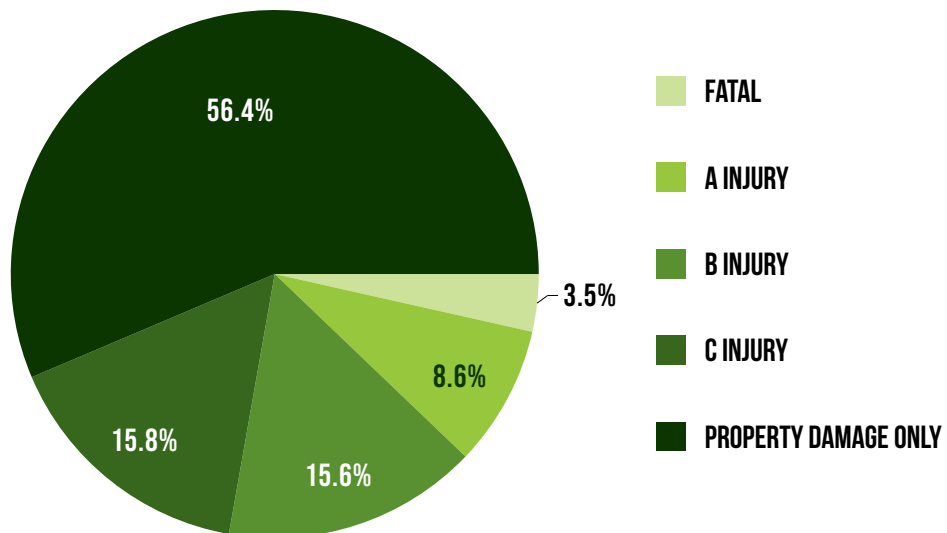
The driver age group 25 to 34 years represents the highest number of drinking and/or drug use in total crashes, injury crashes, and fatal crashes.

ALL CRASHES BY INJURY SEVERITY



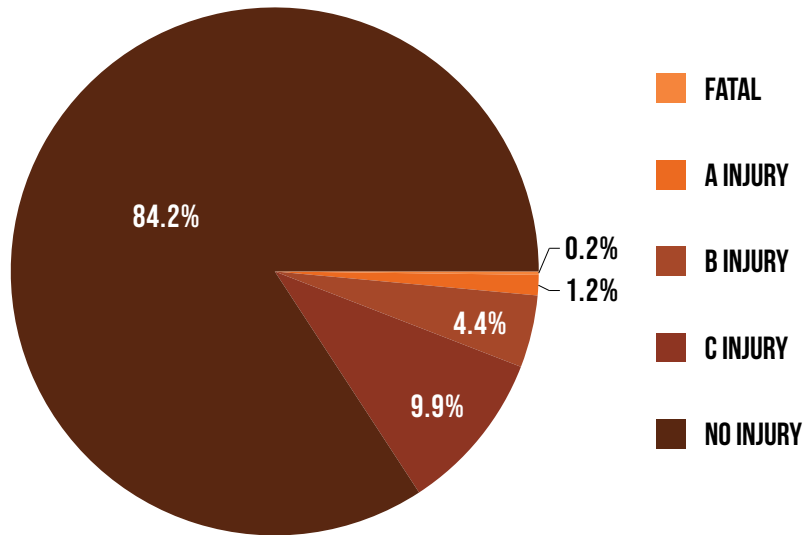
The majority of crashes do not involve injury (81.3%). Possible (C) injury crashes represent about 57% of those that do involve injury.

HAD-BEEN-DRINKING CRASHES BY INJURY SEVERITY



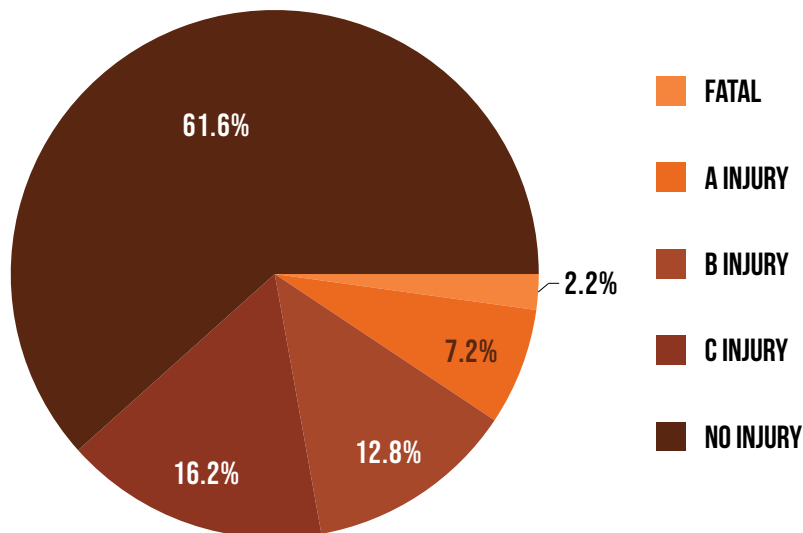
The problem of the drinking driver, pedestrian, and/or cyclist is seen by comparing the two charts on this page. For all had-been-drinking crashes, injury levels are greater, and a fatal crash is about nine times more likely when one of the crash-involved operators is reported as had-been-drinking (HBD).

DEATH & INJURY FOR CRASH INVOLVED OCCUPANTS



The majority of occupants involved in crashes are not injured (84.2%). About 63% percent of those who are injured receive only possible (C) injuries.

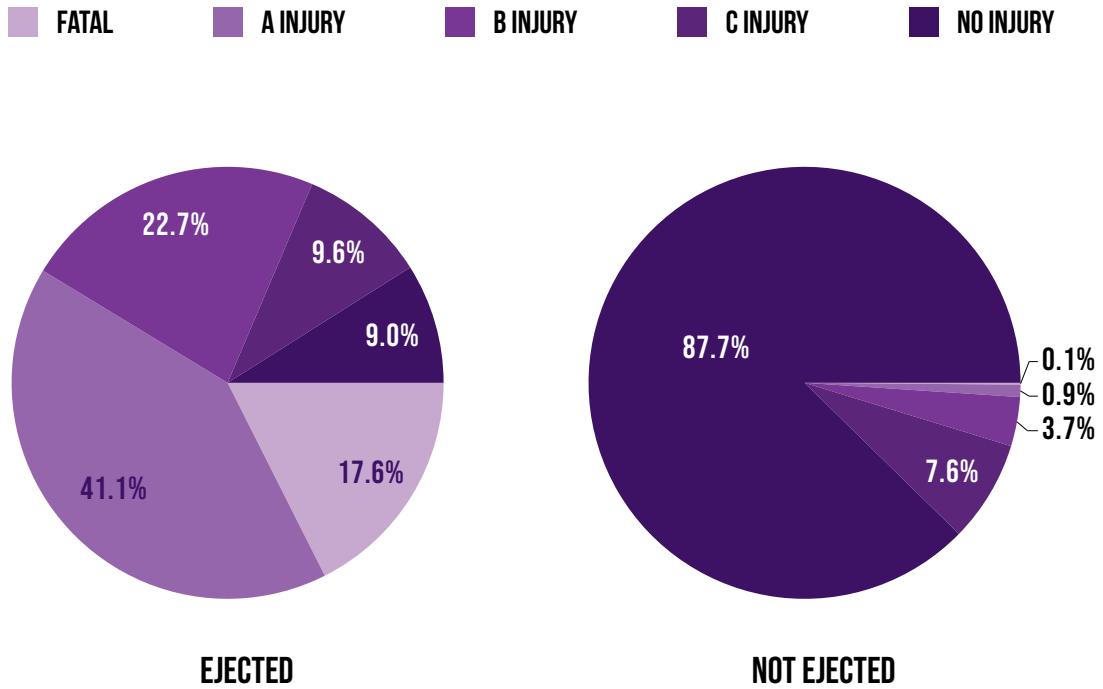
OCCUPANTS IN HAD-BEEN-DRINKING CRASHES



Crashes involving drinking tend to be more serious than nondrinking crashes. The percentage of occupant fatalities is about 11 times higher than in all crashes and the suspected serious injury level (A) is about six times higher.

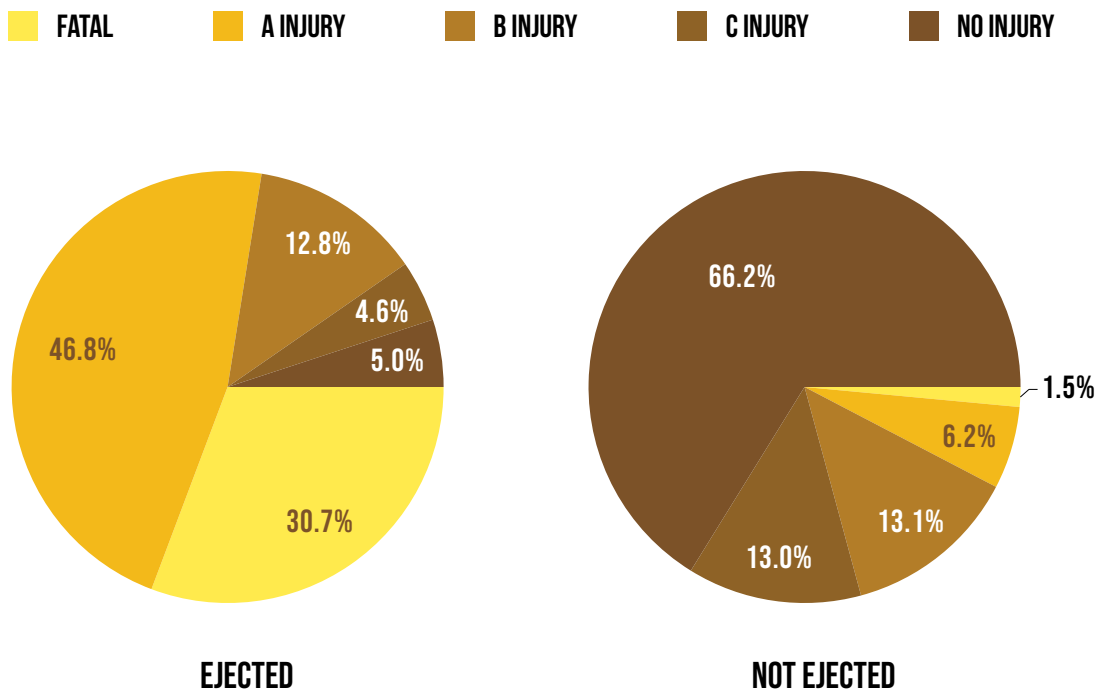
Note: Occupants include all drivers plus all injured or killed people in or on a motor vehicle.

ALL DRIVERS INJURY SEVERITY - EJECTED VS. NOT EJECTED



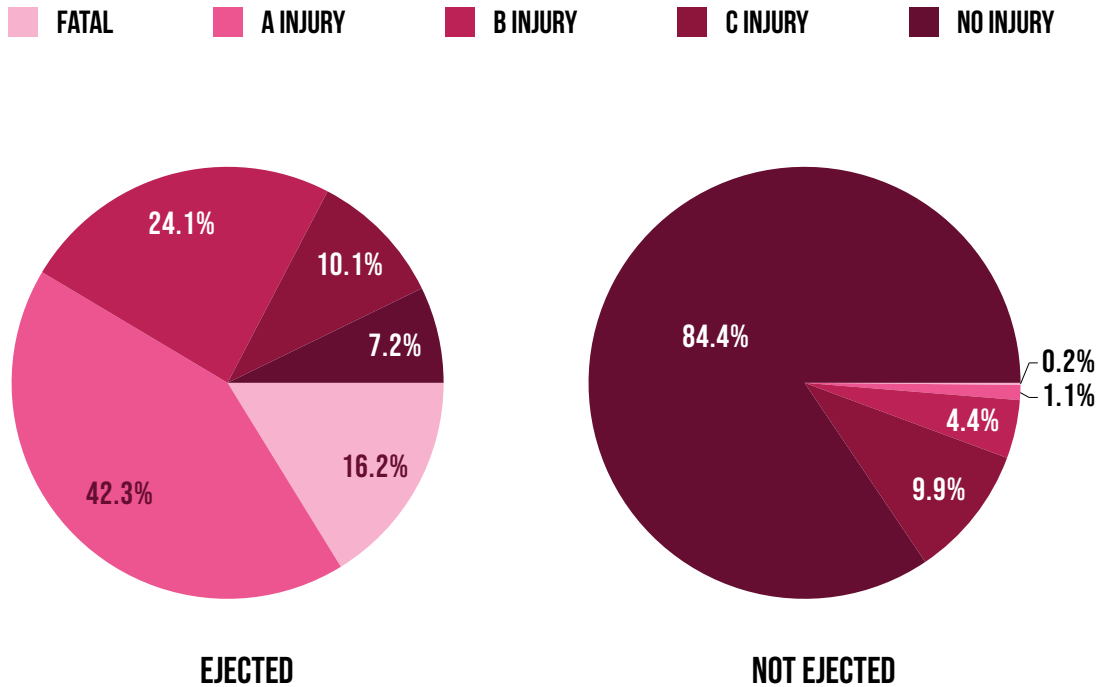
As shown by the two charts above, death and injury are much more likely when drivers are ejected from vehicles.

HAD-BEEN-DRINKING DRIVERS INJURY SEVERITY - EJECTED VS. NOT EJECTED



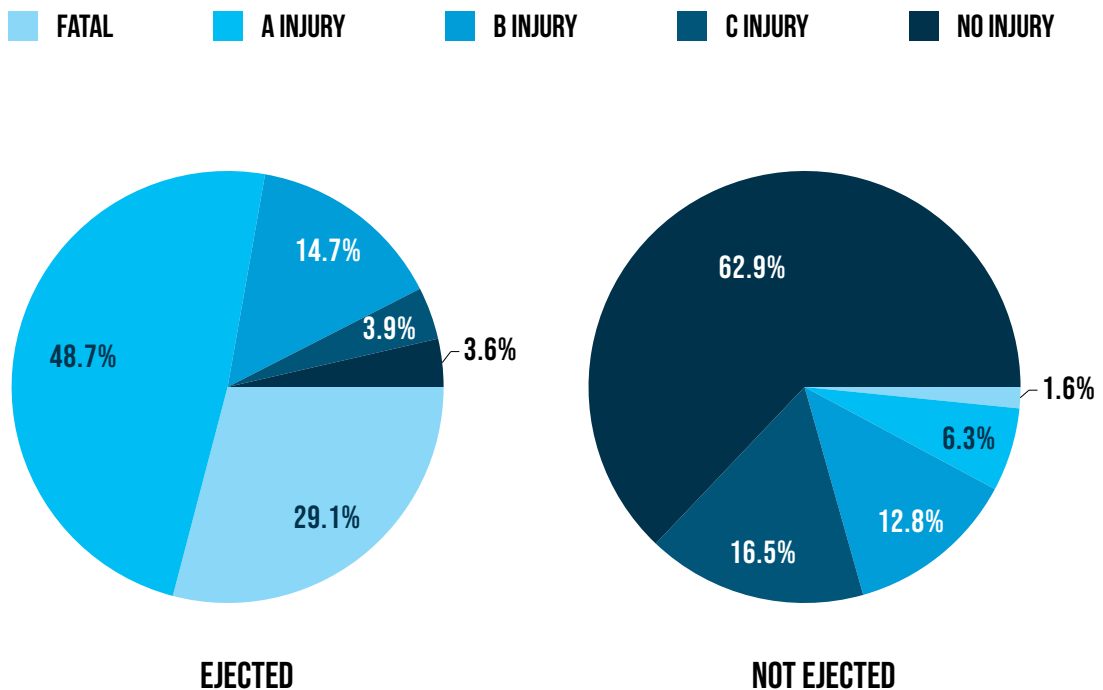
When compared to the charts above, the had-been-drinking charts demonstrate that injury severity is much worse for drivers reported to be drinking in both ejected and non-ejected events.

ALL OCCUPANTS OF CRASHES INJURY SEVERITY - EJECTED VS. NOT EJECTED



As shown by the two charts above, death and injury are much more likely when occupants are ejected from vehicles.

OCCUPANTS OF HAD-BEEN-DRINKING CRASHES INJURY SEVERITY - EJECTED VS. NOT EJECTED

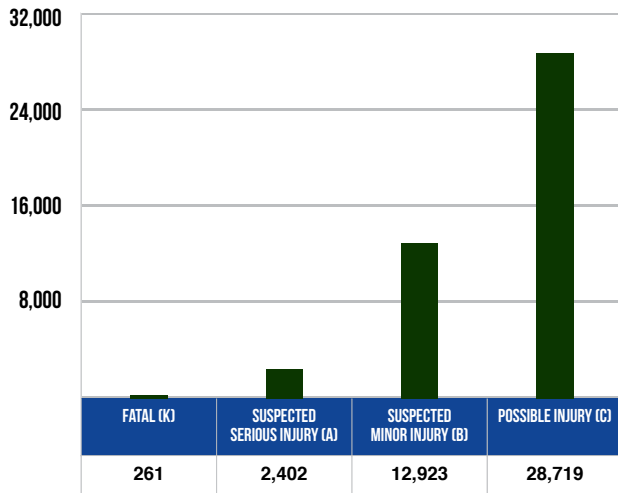


When compared to the charts above, the charts of occupants of had-been-drinking crashes demonstrate that injury severity is much worse for occupants in a crash where drinking is reported in both ejected and non-ejected events.

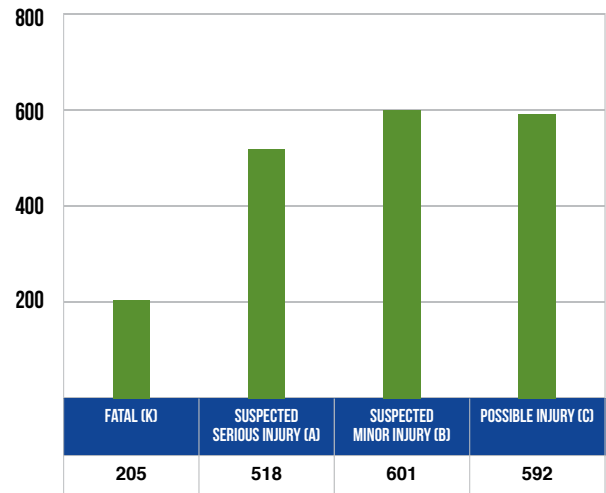
Note: Occupants include all drivers plus all injured or killed people in or on a motor vehicle.

INJURY SEVERITY & BELT USE BY DRIVER INJURY

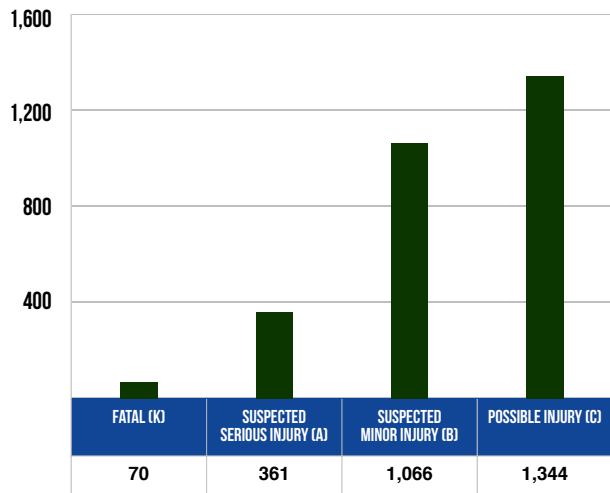
ALL CRASHES-BELTS USED



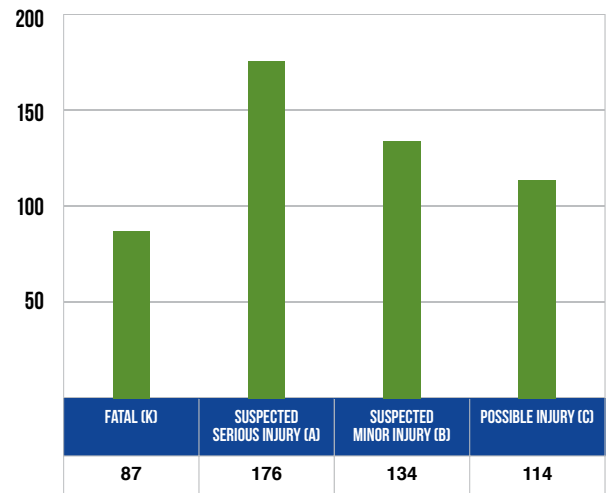
ALL CRASHES-BELTS NOT USED



HAD-BEEN DRINKING CRASHES-BELTS USED



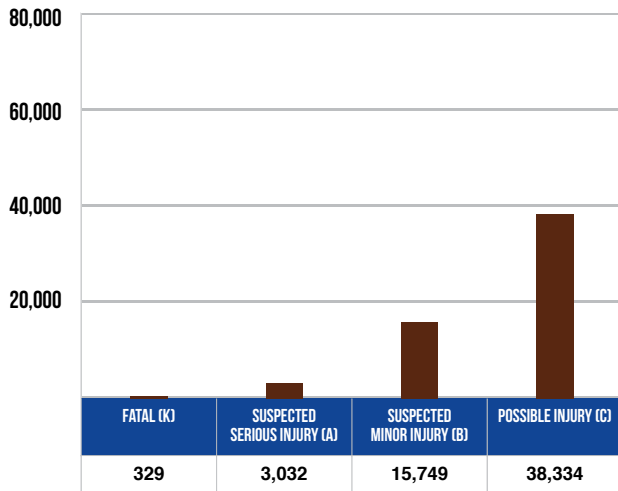
HAD-BEEN DRINKING CRASHES-BELTS NOT USED



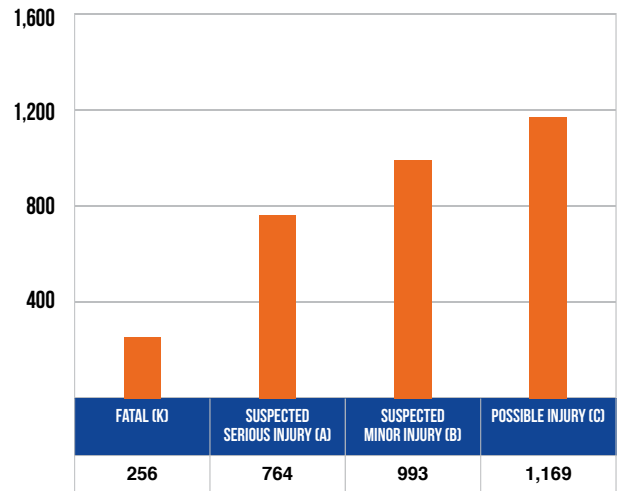
Note: "Belts Used" represents shoulder belts only used, lap belts only used, both lap and shoulder belts used, and restraint failure. "Belts Not Used" represents no belts available and no belts used.

INJURY SEVERITY & RESTRAINT USE BY OCCUPANT INJURY

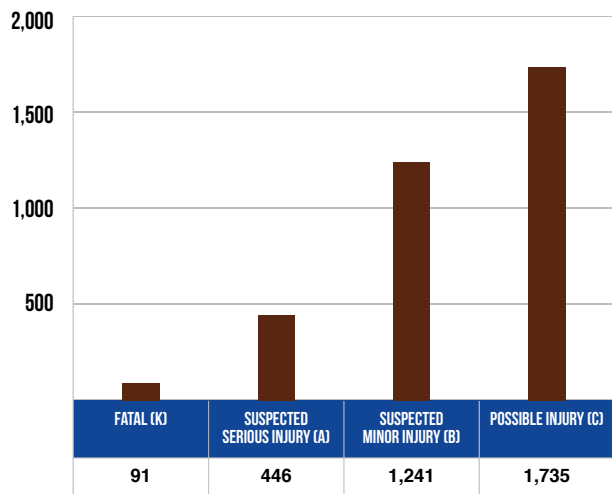
ALL CRASHES - RESTRAINTS USED



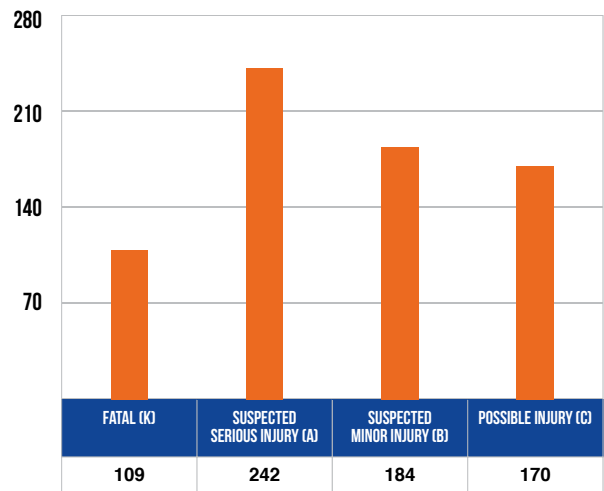
ALL CRASHES - RESTRAINTS NOT USED



HAD-BEEN-DRINKING CRASHES - RESTRAINTS USED



HAD-BEEN-DRINKING CRASHES - RESTRAINTS NOT USED

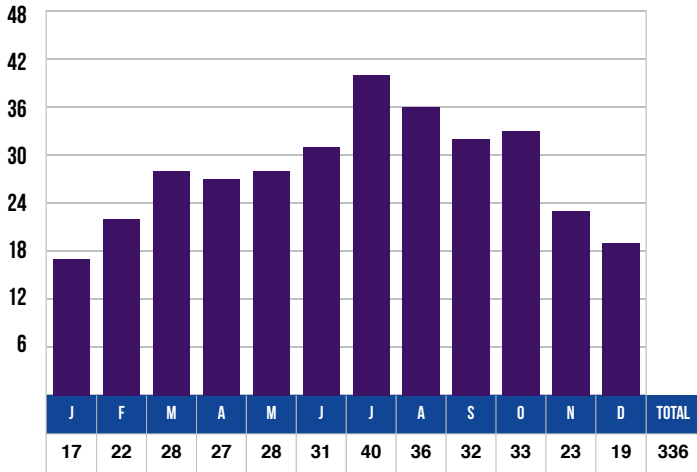


Note: "Restraints Used" represents shoulder belts only used, lap belts only used, both lap and shoulder belts used, child restraints used, and restraint failure. "Restraints Not Used" represents no belts available; no belts used; and child restraint not used, unavailable, or improper use.

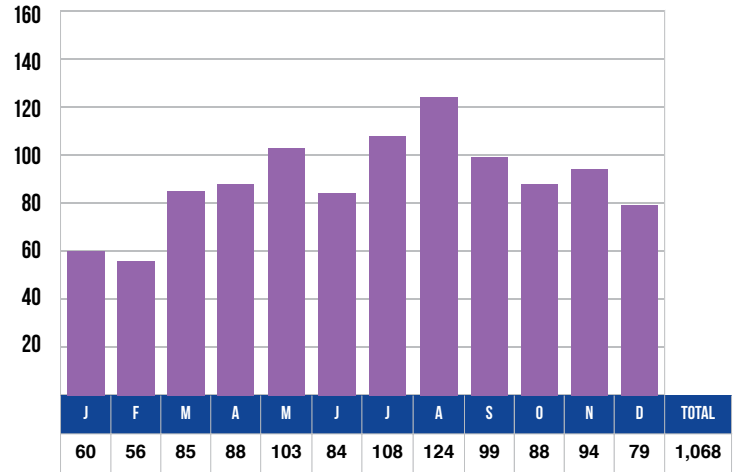
Note: Occupants include all drivers plus all injured or killed people in or on a motor vehicle.

ALCOHOL INVOLVMENT IN FATAL CRASHES

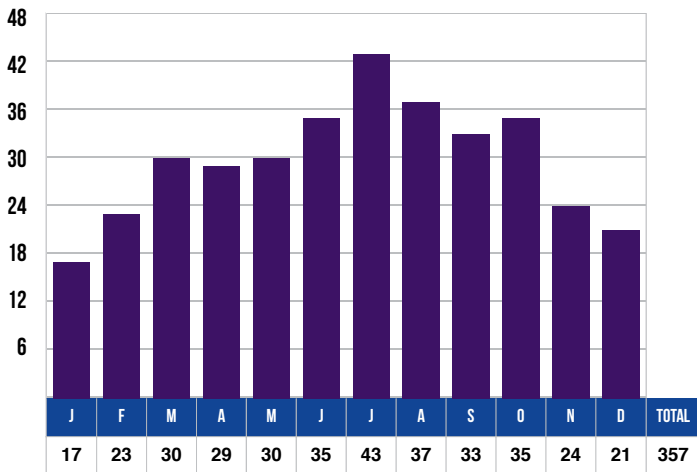
HAD-BEEN-DRINKING FATAL CRASHES BY MONTH



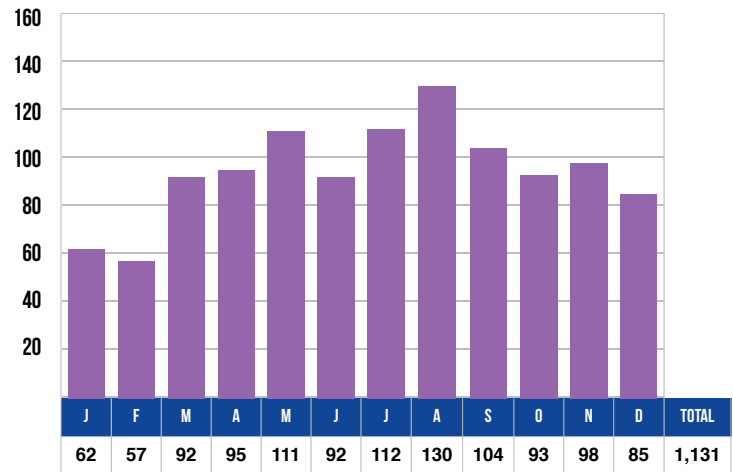
TOTAL FATAL CRASHES BY MONTH



ALCOHOL-INVOLVED FATALITIES BY MONTH



TOTAL FATALITIES BY MONTH

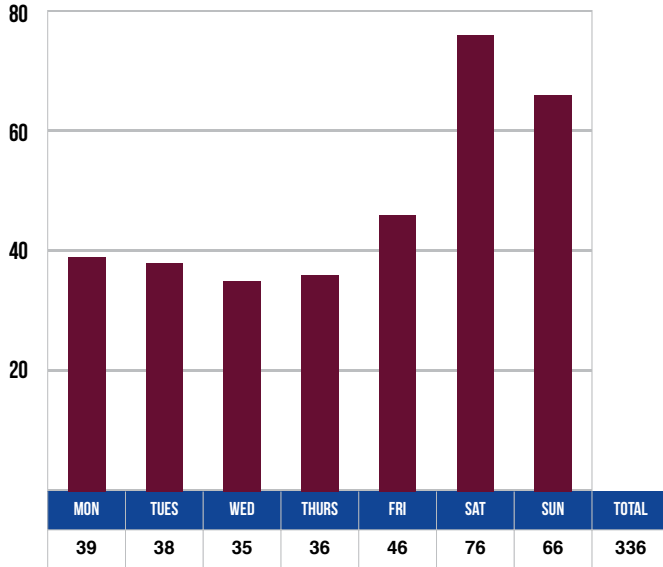


Had-been-drinking fatal crashes were highest in number during the month of July. The number of total fatal crashes (total of non-had-been-drinking and had-been-drinking fatal crashes) reached the highest level in August.

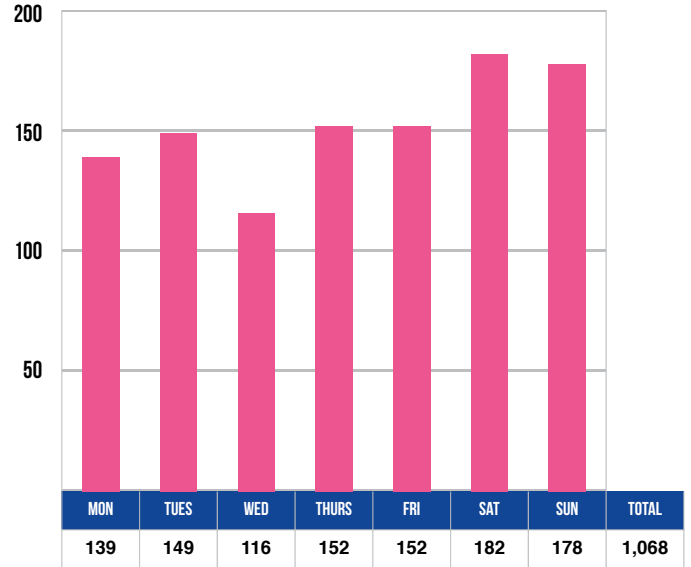
Note: An alcohol-involved fatality is any person killed in a had-been-drinking crash.

ALCOHOL INVOLVMENT IN FATAL CRASHES (CONTINUED)

HAD-BEEN-DRINKING FATAL CRASHES BY DAY OF THE WEEK

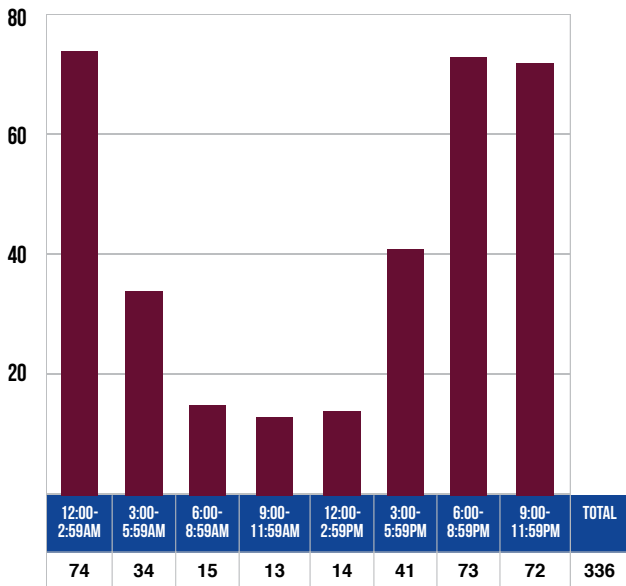


TOTAL FATAL CRASHES BY DAY OF THE WEEK

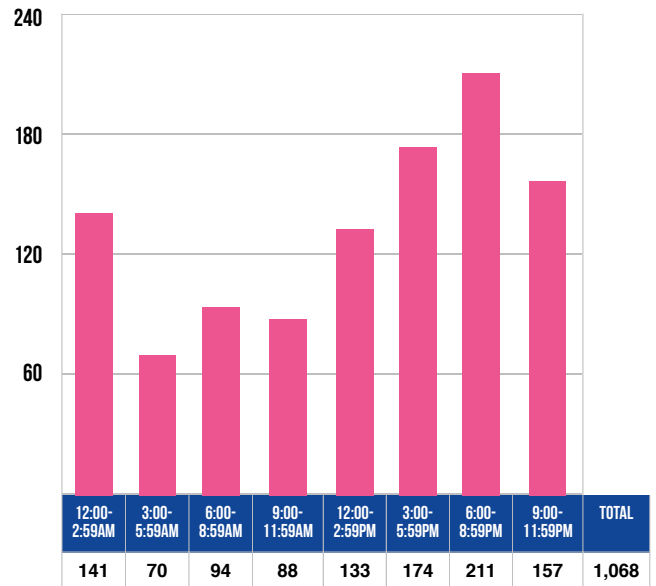


Saturday had the highest number of HBD fatal crashes (76) and also the highest proportion (41.8%) of drinking-related fatal crashes in 2021.

HAD-BEEN-DRINKING FATAL CRASHES BY TIME OF DAY



TOTAL FATAL CRASHES BY TIME OF DAY

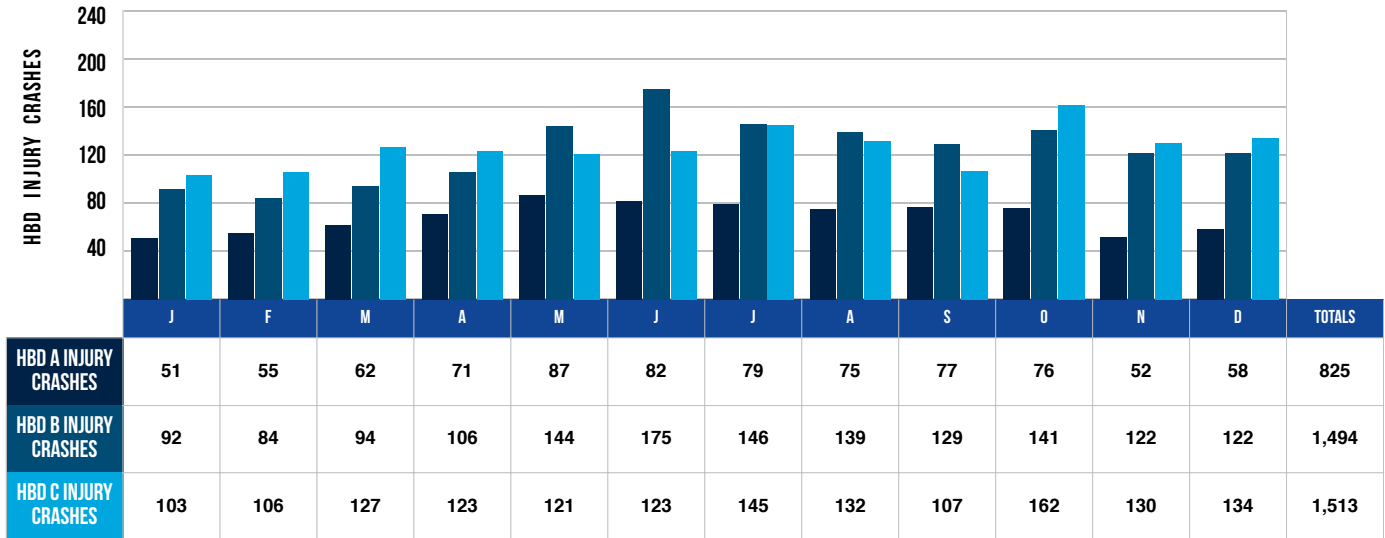


The 12:00 AM to 2:59 AM time period had the highest number of HBD fatal crashes (74) and the greatest proportion (52.5%) of drinking-related fatal crashes in 2021.

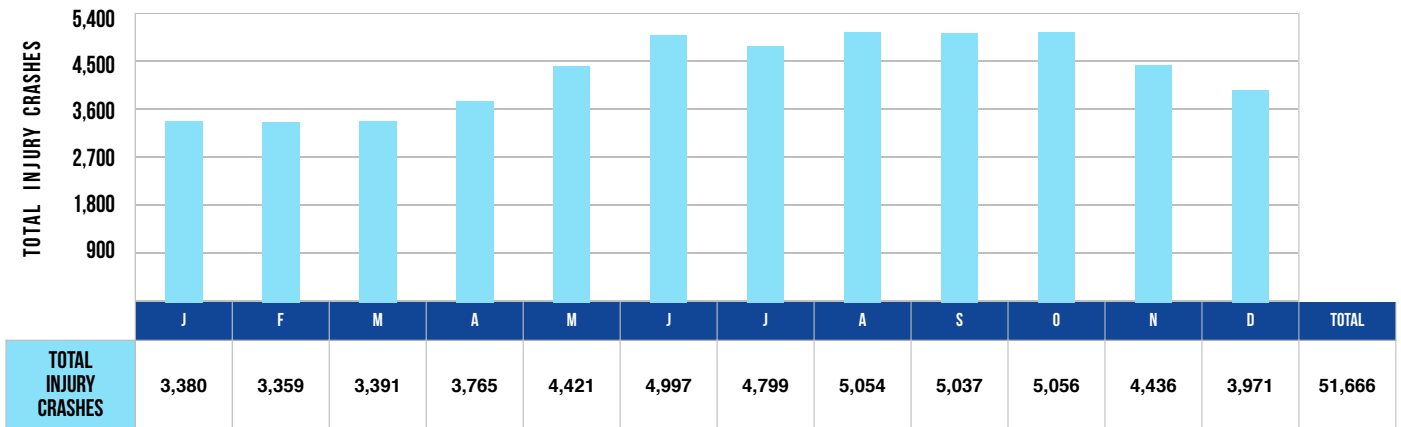
Note: These charts exclude crashes where time of day was unknown.

ALCOHOL INVOLVEMENT IN INJURY CRASHES

HAD-BEEN-DRINKING INJURY CRASHES BY MONTH



TOTAL INJURY CRASHES BY MONTH

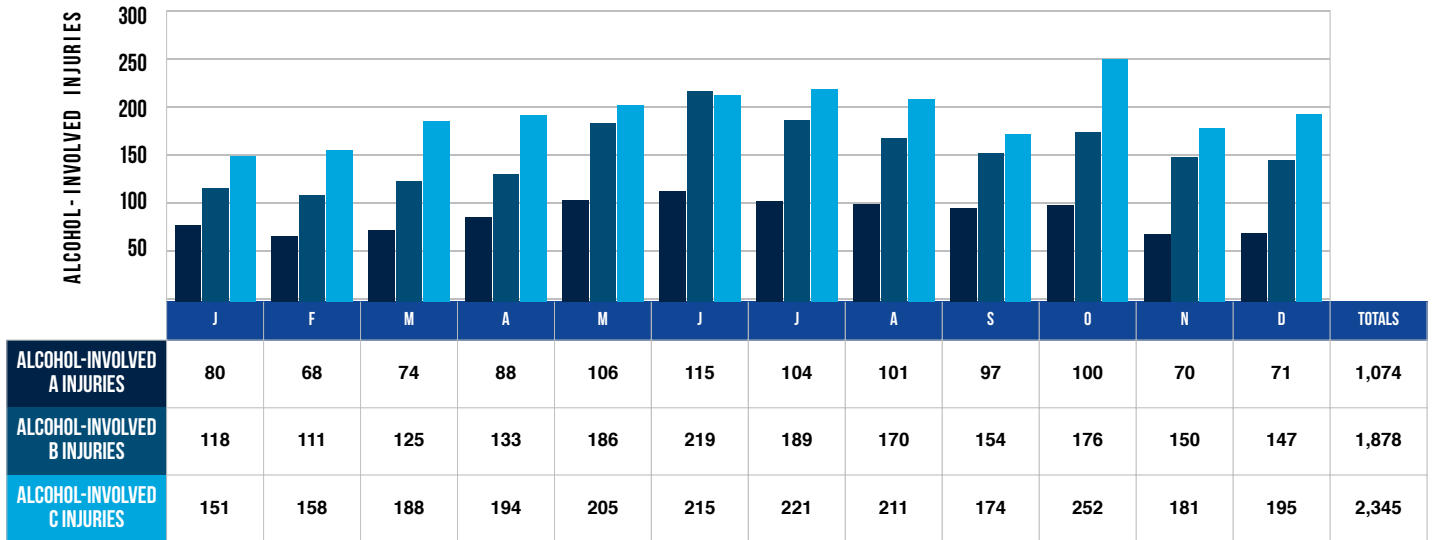


Alcohol involvement in injury crashes is an important indicator of the alcohol-impaired driving problem. In 2021, the highest number of had-been-drinking injury crashes occurred in June with 380. The highest proportion of had-been-drinking injury crashes occurred in March with 8.3 percent of the injury crashes involving alcohol.

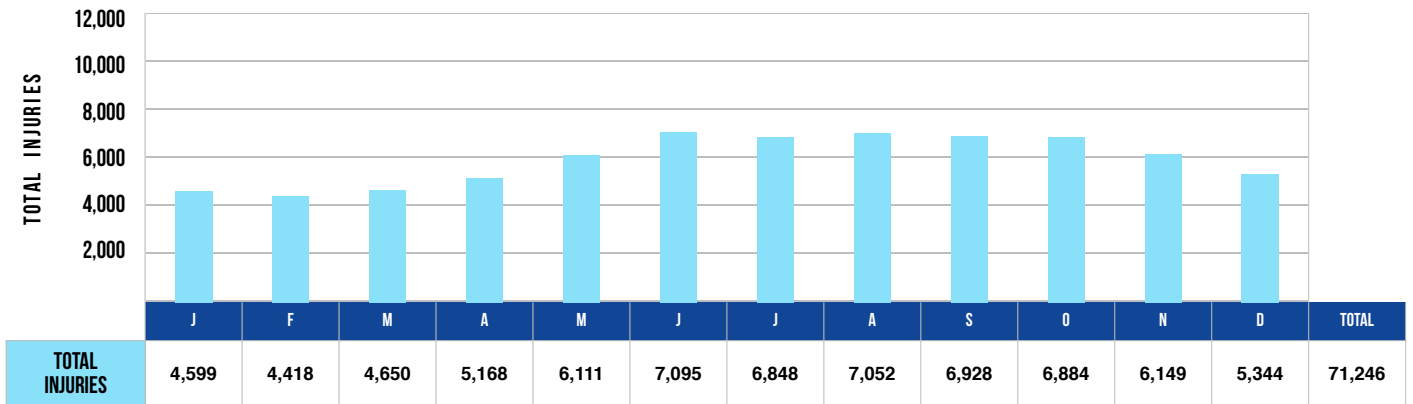
Note: An alcohol-involved injury is any person injured in a had-been-drinking crash.

ALCOHOL INVOLVEMENT IN INJURY CRASHES (CONTINUED)

ALCOHOL-INVOLVED INJURIES BY MONTH



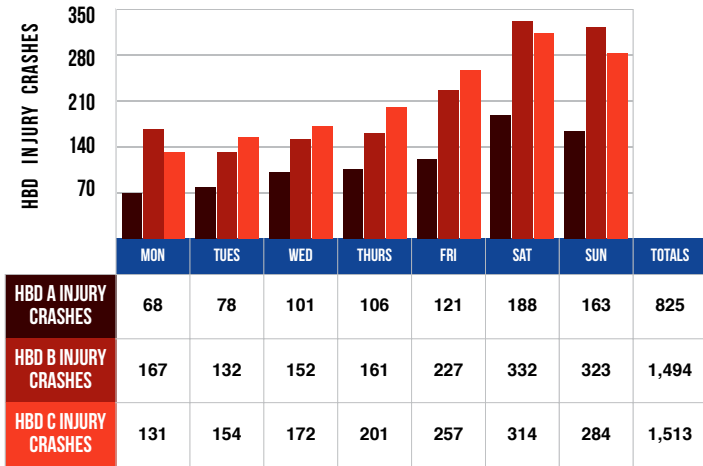
TOTAL INJURIES BY MONTH



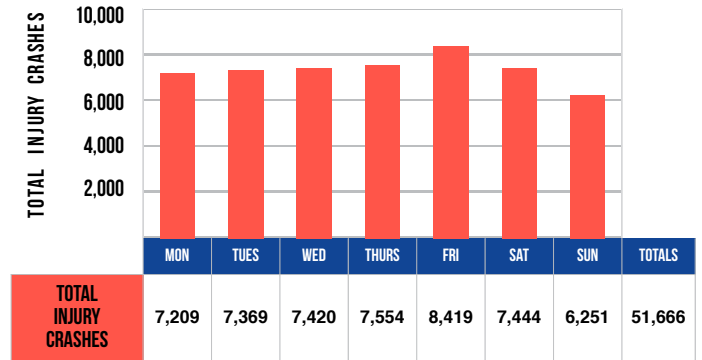
Note: An alcohol-involved injury is any person injured in a had-been-drinking crash.

ALCOHOL INVOLVEMENT IN INJURY CRASHES (CONTINUED)

HAD-BEEN-DRINKING INJURY CRASHES BY DAY OF THE WEEK

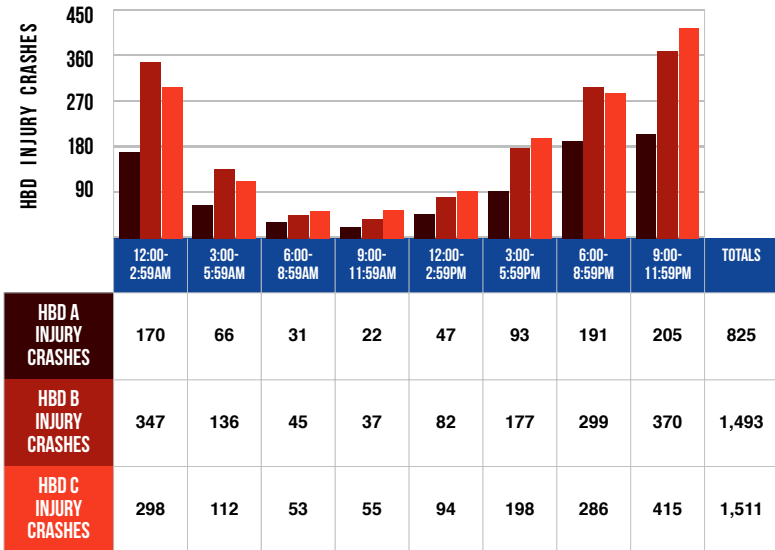


TOTAL INJURY CRASHES BY DAY OF THE WEEK

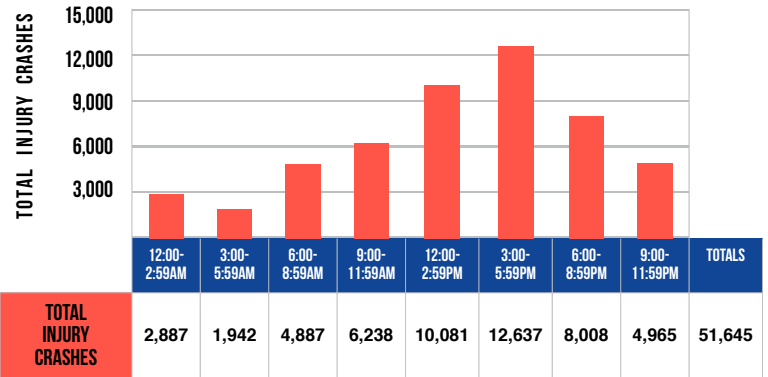


Had-been-drinking injury crashes follow the same basic trends as total crashes during the work week, but the weekend sees a dramatic increase in the proportion of had-been-drinking injury crashes to total injury crashes.

HAD-BEEN-DRINKING INJURY CRASHES BY TIME OF DAY



TOTAL INJURY CRASHES BY TIME OF DAY



Total injury crash frequencies peak in the hours between 3:00 PM and 5:59 PM, while had-been-drinking injury crash frequencies peak between 9:00 PM and 11:59 PM (a particularly hazardous travel period). These frequencies exclude 21 injury crashes (including three had-been-drinking injury crashes) where time of day was unknown.

MALE DRIVERS BY AGE AND INJURY SEVERITY IN CRASH

AGE OF DRIVER IN CRASH	MALE DRIVERS		FATAL		INJURY			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
13 years and under	115	0.0	1	0.1	10	20	18	66
14 years	86	0.0	0	0.0	10	15	13	48
15 years	329	0.1	1	0.1	23	40	54	211
16 years	3,281	1.3	13	1.1	64	219	370	2,615
17 years	4,849	2.0	18	1.5	75	332	542	3,882
18 years	6,239	2.5	22	1.8	117	425	762	4,913
19 years	6,326	2.6	35	2.9	130	460	744	4,957
20 years	6,393	2.6	25	2.1	126	443	800	4,999
21 - 24 years	24,061	9.8	95	7.8	482	1,681	2,968	18,835
25 - 34 years	52,060	21.2	281	23.2	1,182	3,483	6,299	40,815
35 - 44 years	39,872	16.3	219	18.1	832	2,628	4,729	31,464
45 - 54 years	36,067	14.7	169	13.9	764	2,247	4,177	28,710
55 - 64 years	33,425	13.6	151	12.5	717	2,052	3,825	26,680
65 - 69 years	11,332	4.6	62	5.1	213	733	1,377	8,947
70 - 74 years	8,269	3.4	39	3.2	153	579	1,018	6,480
75 - 79 years	5,100	2.1	36	3.0	109	369	590	3,996
80 - 84 years	2,771	1.1	23	1.9	64	226	352	2,106
85 - 89 years	1,310	0.5	12	1.0	31	133	171	963
90 years and over	496	0.2	4	0.3	18	53	58	363
Unknown	2,715	1.1	6	0.5	24	88	283	2,314
TOTAL	245,096**	100.0	1,212	100.0	5,144	16,226	29,150	193,364

The male driver age group 25 to 34 years experienced the highest number of fatal crashes as well as the highest number of injury crashes and property damage only crashes.

***Note: This table excludes 45,540 drivers of unknown gender.*

MALE DRINKING DRIVERS BY AGE AND INJURY SEVERITY IN CRASH

AGE OF DRINKING DRIVER IN CRASH	MALE DRIVERS		FATAL		INJURY			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
13 years and under	0	0.0	0	0.0	0	0	0	0
14 years	1	0.0	0	0.0	0	1	0	0
15 years	4	0.1	0	0.0	1	1	1	1
16 years	17	0.3	2	0.8	4	1	3	7
17 years	24	0.4	3	1.2	1	3	4	13
18 years	69	1.0	2	0.8	7	10	15	35
19 years	88	1.3	8	3.2	8	11	17	44
20 years	134	2.0	7	2.8	15	21	17	74
21 - 24 years	840	12.4	20	8.0	67	145	129	479
25 - 34 years	2,113	31.2	77	30.8	198	345	290	1,203
35 - 44 years	1,446	21.3	65	26.0	134	222	212	813
45 - 54 years	989	14.6	30	12.0	104	151	164	540
55 - 64 years	749	11.1	25	10.0	85	128	115	396
65 - 69 years	160	2.4	7	2.8	13	23	26	91
70 - 74 years	97	1.4	3	1.2	5	17	12	60
75 - 79 years	30	0.4	1	0.4	4	4	4	17
80 - 84 years	13	0.2	0	0.0	1	2	2	8
85 - 89 years	1	0.0	0	0.0	0	0	0	1
90 years and over	1	0.0	0	0.0	0	0	0	1
Unknown	1	0.0	0	0.0	1	0	0	0
TOTAL	6,777**	100.0	250	100.0	648	1,085	1,011	3,783

The male drinking driver age group 25 to 34 years experienced the highest number of total, fatal, injury, and property damage only crashes.

***Note: This table excludes no unknown gender drinking drivers.*

FEMALE DRIVERS BY AGE AND INJURY SEVERITY IN CRASH

AGE OF DRIVER IN CRASH	FEMALE DRIVERS		FATAL		INJURY			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
13 years and under	35	0.0	0	0.0	3	6	4	22
14 years	54	0.0	0	0.0	5	6	10	33
15 years	258	0.1	1	0.2	12	25	38	182
16 years	3,209	1.7	1	0.2	45	209	410	2,544
17 years	4,387	2.4	9	2.2	56	259	550	3,513
18 years	5,071	2.7	13	3.2	73	364	700	3,921
19 years	5,284	2.8	8	2.0	73	338	716	4,149
20 years	5,224	2.8	16	3.9	70	382	704	4,052
21 - 24 years	19,651	10.6	51	12.5	255	1,346	2,813	15,186
25 - 34 years	40,627	21.9	86	21.1	602	2,643	5,784	31,512
35 - 44 years	30,301	16.3	64	15.7	467	1,799	4,170	23,801
45 - 54 years	25,826	13.9	60	14.7	339	1,541	3,474	20,412
55 - 64 years	22,893	12.3	44	10.8	370	1,359	2,994	18,126
65 - 69 years	8,139	4.4	14	3.4	119	476	1,072	6,458
70 - 74 years	5,818	3.1	15	3.7	89	383	795	4,536
75 - 79 years	3,744	2.0	15	3.7	59	287	505	2,878
80 - 84 years	2,095	1.1	5	1.2	46	171	293	1,580
85 - 89 years	981	0.5	1	0.2	23	69	130	758
90 years and over	333	0.2	2	0.5	10	29	36	256
Unknown	1,563	0.8	3	0.7	15	29	122	1,394
TOTAL	185,493**	100.0	408	100.0	2,731	11,721	25,320	145,313

The female driver age group 25 to 34 years experienced the highest number of fatal crashes as well as the highest number of injury crashes and property damage only crashes.

***Note: This table excludes 45,540 drivers of unknown gender.*

FEMALE DRINKING DRIVERS BY AGE AND INJURY SEVERITY IN CRASH

AGE OF DRINKING DRIVER IN CRASH	FEMALE DRIVERS		FATAL		INJURY			PROPERTY DAMAGE ONLY
	Number	% of Total	Number	% of Total	A	B	C	
13 years and under	0	0.0	0	0.0	0	0	0	0
14 years	0	0.0	0	0.0	0	0	0	0
15 years	0	0.0	0	0.0	0	0	0	0
16 years	3	0.1	0	0.0	1	0	0	2
17 years	19	0.7	0	0.0	4	4	3	8
18 years	31	1.2	1	1.6	0	4	5	21
19 years	38	1.4	1	1.6	3	10	7	17
20 years	56	2.1	3	4.8	4	4	9	36
21 - 24 years	380	14.1	9	14.5	19	58	79	215
25 - 34 years	944	35.1	22	35.5	55	151	172	544
35 - 44 years	583	21.7	11	17.7	45	78	96	353
45 - 54 years	331	12.3	11	17.7	14	34	57	215
55 - 64 years	227	8.4	3	4.8	12	33	40	139
65 - 69 years	51	1.9	0	0.0	0	4	10	37
70 - 74 years	17	0.6	0	0.0	0	1	6	10
75 - 79 years	9	0.3	1	1.6	0	0	1	7
80 - 84 years	2	0.1	0	0.0	0	0	0	2
85 - 89 years	1	0.0	0	0.0	0	0	0	1
90 years and over	0	0.0	0	0.0	0	0	0	0
Unknown	0	0.0	0	0.0	0	0	0	0
TOTAL	2,692**	100.0	62	100.0	157	381	485	1,607

The female drinking driver age group 25 to 34 years experienced the highest number of fatal crashes as well as the highest number of injury crashes and property damage only crashes.

***Note: This table excludes no unknown gender drinking drivers.*

TRAFFIC FATALITIES WITH DRINKING INVOLVEMENT BY COUNTY

