

CITY OF MILWAUKEE TRAFFIC TRENDS

Public Safety and Health Committee

April 25, 2019

Prepared by:

MILWAUKEE POLICE DEPARTMENT AND DEPARTMENT OF PUBLIC WORKS
AND TRAFFIC ENGINEERING

CITY OF MILWAUKEE CRASHES 2008-2018

Crashes - General				
Year	All Crashes	Injury Crashes	Fatal Crashes	Pedestrian Fatalities
2008	12,975	3,845	30	10
2009	10,811	3,320	29	4
2010	10,622	3,467	44	13
2011	10,593	3,354	31	12
2012	10,989	3,600	35	11
2013	11,614	3,688	28	7
2014	11,985	3,819	46	14
2015	13,615	4,381	59	18
2016	14,576	4,677	46	12
2017	14,056	4,307	59	18
2018	16,338	4,552	51	17

From TOPS: 2008-2018 data for the City of Milwaukee, Intersection and Non-Intersection crashes, highway class U CITY and U STH only (not U IH).

City of Milwaukee Crashes 2008-2018

(All Crashes, Fatalities, Incapacitating Injuries, Non-Incapacitating Injuries, Possible Injuries and Total Injuries)

Crashes - Fatalities and Injuries						
Year	All Crashes	Fatalities (Total Killed)	Incapacitating Injuries	Non- Incapacitating Injuries	Possible Injuries	Total Injuries
2008	12,975	31	219	1,579	3,760	5,558
2009	10,811	31	214	1,442	3,165	4,821
2010	10,622	48	188	1,431	3,348	4,967
2011	10,593	33	147	1,306	3,387	4,840
2012	10,989	37	182	1,478	3,512	5,172
2013	11,614	30	204	1,556	3,643	5,403
2014	11,985	49	173	1,618	3,894	5,685
2015	13,615	64	180	1,901	4,584	6,665
2016	14,576	57	267	2,082	4,772	7,121
2017	14,056	64	359	2,286	3,687	6,332
2018	16,338	57	338	2,316	4,083	6,737

From TOPS: 2008-2018 data for the City of Milwaukee, Intersection and Non-Intersection crashes, highway class U CITY and U STH only (not U IH).
 From Milwaukee Police Department Specialized Patrol Division Crash Reconstruction Unit Data Base 2018-2008.

CRASHES BY DRIVER FACTORS

Crashes - Driver Factors												
Year	Alcohol		Speed		Failure to Yield		Inattentive Driving		Disregard Traffic Control		Hit and Run	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
2008	430	3.3%	1552	12.0%	2,598	20.0%	2,281	17.6%	1,207	9.3%	3,796	29.3%
2009	412	3.8%	1009	9.3%	2,296	21.2%	2,066	19.1%	853	7.9%	2,961	27.4%
2010	357	3.4%	831	7.8%	2,228	21.0%	1,967	18.5%	832	7.8%	2,684	25.3%
2011	356	3.4%	937	8.8%	2,226	21.0%	1,936	18.3%	844	8.0%	2,726	25.7%
2012	402	3.7%	885	8.1%	2,330	21.2%	2,156	19.6%	886	8.1%	2,791	25.4%
2013	405	3.5%	1159	10.0%	2,513	21.6%	2,081	17.9%	890	7.7%	3,008	25.9%
2014	326	2.7%	1,222	10.2%	2,535	21.2%	2,166	18.1%	902	7.5%	3,178	26.5%
2015	292	2.1%	1,394	10.2%	3,001	22.0%	2,600	19.1%	1,173	8.6%	3,874	28.5%
2016	327	2.2%	1,600	11.0%	3,154	21.6%	2,859	19.6%	1,253	8.6%	4,313	29.6%
2017	404	2.9%	1,332	9.5%	2,910	20.7%	684	4.9%	1,573	11.2%	4,480	31.9%
2018	493	3.0%	1,761	10.8%	3,334	20.4%	788	4.8%	1,672	10.2%	5,246	32.1%

From TOPS: 2008-2018 data for the City of Milwaukee, Intersection and Non-Intersection crashes, highway class U CITY and U STH only (not U IH).

Alcohol is ALCLFLAG, Hit and Run is HISTRUN, and Speed is SPEEDFLAG (not DRVRPCFLAG SPD, which does not include if a driver received a citation for speeding).

Note: Percentage is represented by total crashes / Driver Factor. Ex. 2018 (16,338 total crashes / 493 total alcohol crashes = 3.0 %)

CRASHES BY UNIT TYPE

Crashes - Unit Types

Year	Bicycles				Pedestrians				Motorcycles/Mopeds				School Buses	Other Buses
	Crashes	K = Fatalities	A = Injuries	B/C = Injuries	Crashes	K = Fatalities	A = Injuries	B/C = Injuries	Crashes	K = Fatalities	A = Injuries	B/C = Injuries		
2008	133	0	8	105	439	10	57	365	225	3	29	159	216	179
2009	147	0	15	119	416	5	60	357	176	8	17	121	193	146
2010	163	1	9	138	397	14	48	322	205	7	26	158	172	154
2011	143	1	5	117	416	12	58	342	173	5	16	118	168	125
2012	168	2	11	138	442	11	54	373	236	3	38	161	149	148
2013	163	0	12	132	435	7	59	361	175	8	21	109	177	150
2014	133	0	4	104	407	16	48	342	190	9	20	125	173	177
2015	156	1	4	130	424	18	47	349	184	9	18	120	218	151
2016	117	1	8	101	404	13	52	329	184	4	15	136	203	169
2017	113	2	10	86	393	18	73	291	168	5	31	105	231	145
2018	123	0	8	94	434	17	66	326	197	3	27	115	214	142

From TOPS: 2008-2018 data for the City of Milwaukee, Intersection and Non-Intersection crashes, highway class U CITY and U STH only (not U IH).

Number of Bicycle, Pedestrian, Motorcycle, and Moped crashes of each type found using related flags (BIKEFLAG, PEDFLAG, CYCLEFLAG, MOPFLAG).

Number of School Buses and Other Buses involved in crashes found using VEHTYPE and the categories SBS and BUS.

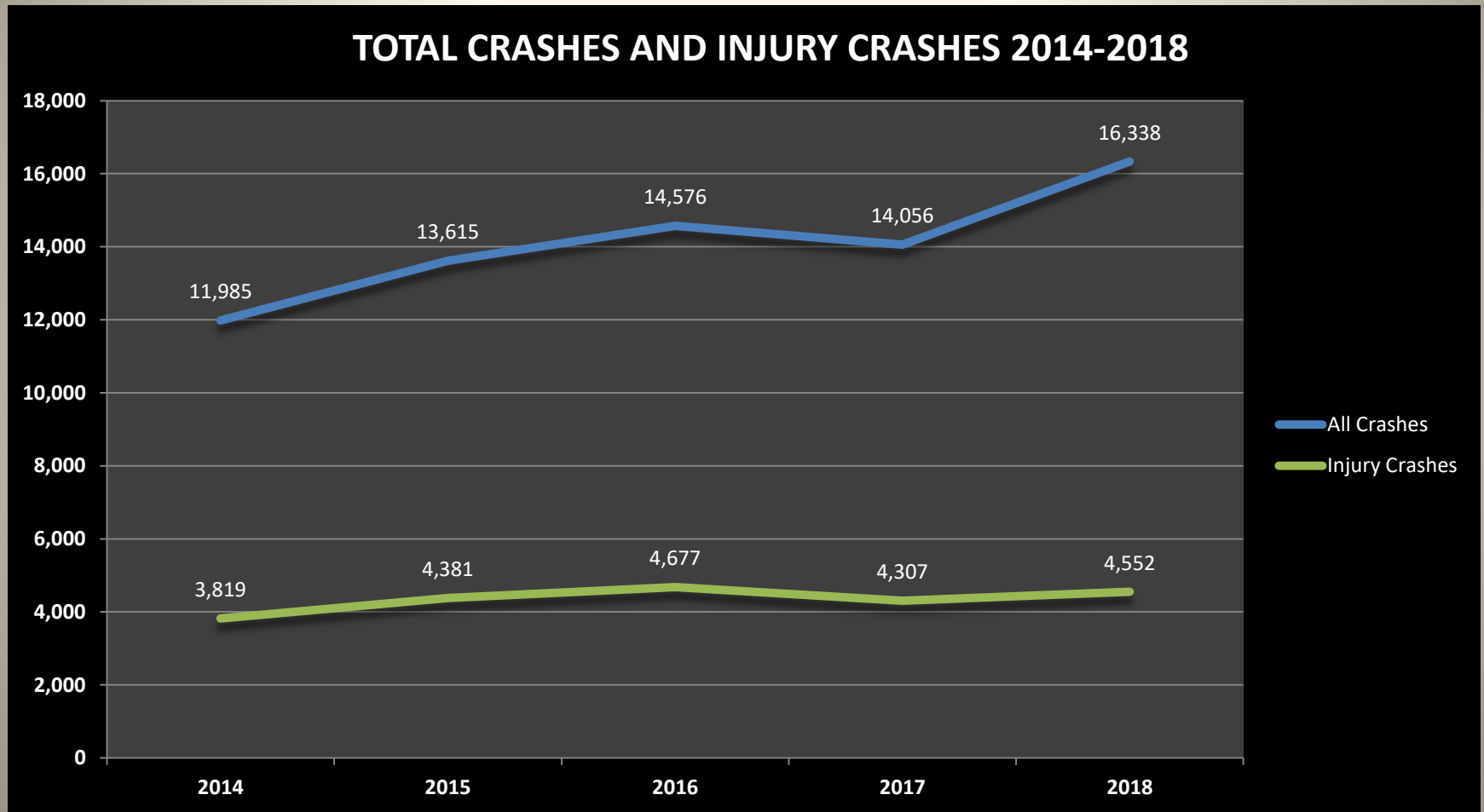
Number of people killed and injured found using ROLE and INJSVR.

CRASHES BY MANNER OF COLLISION

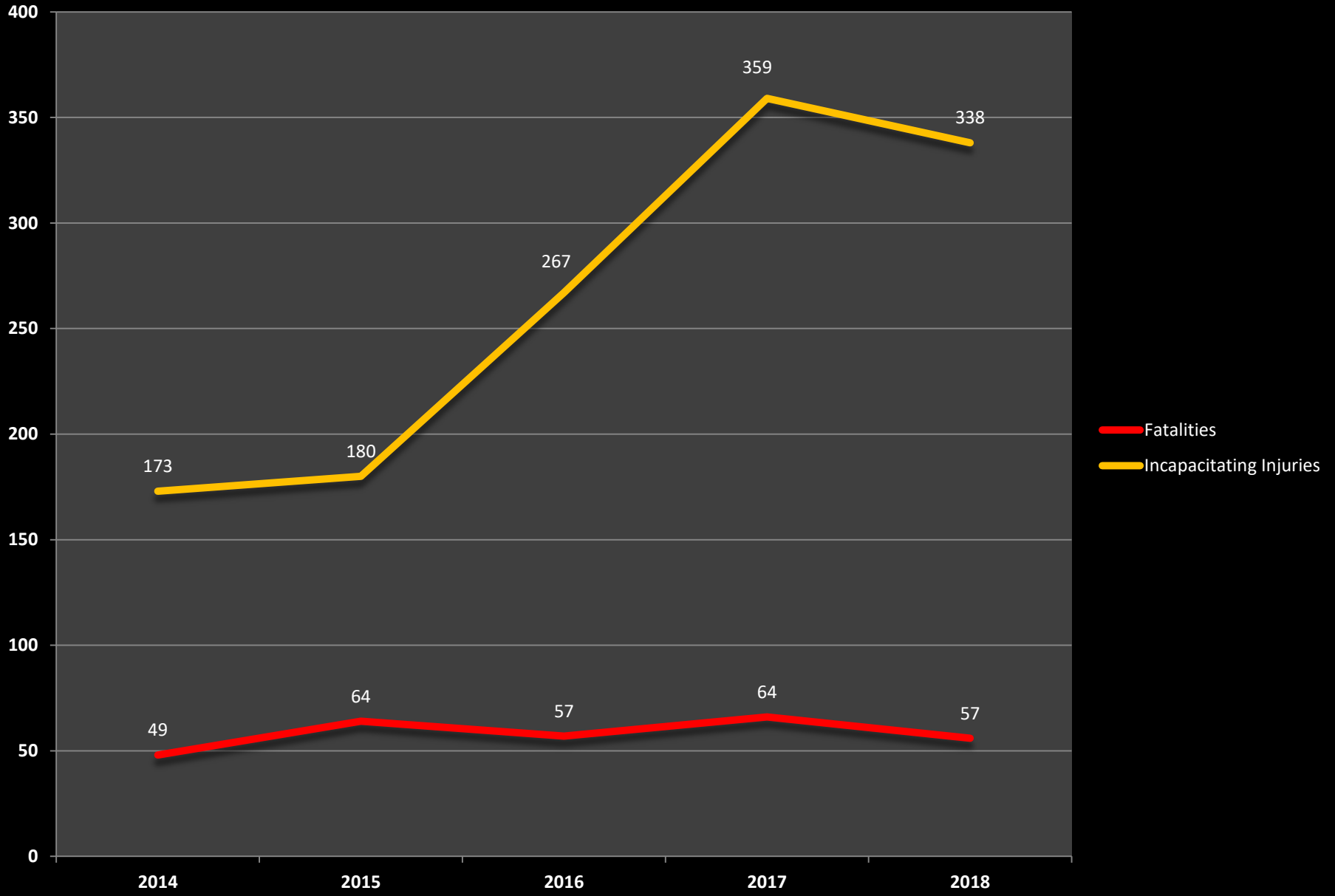
Crashes - Manner of Collision

Year	All Crashes	Angle	Head On Collision	No Collision	Rear End	Rear to Rear	Sideswipe/ Opposite Direction	Sideswipe/ Same Direction	Unknown	Blank/Not Reported
2008	12,975	4,210	249	3,784	2,598	11	391	1,670	43	19
2009	10,811	3,460	193	3,417	2,085	12	338	1,295	11	0
2010	10,622	3,435	158	3,309	2,147	9	294	1,262	8	0
2011	10,593	3,431	164	3,250	2,137	11	309	1,267	23	1
2012	10,989	3,539	154	3,382	2,235	12	329	1,329	8	1
2013	11,614	3,732	152	3,623	2,360	14	332	1,391	9	1
2014	11,985	3,803	170	3,750	2,413	16	331	1,493	9	0
2015	13,615	4,515	193	4,088	2,633	16	381	1,772	17	0
2016	14,576	4,782	317	3,224	3,257	17	500	2,421	57	1
2017	14,056	4,969	684	2,378	3,196	39	378	2,227	59	126
2018	16,338	5,310	834	3,014	3,812	44	389	2,761	68	106

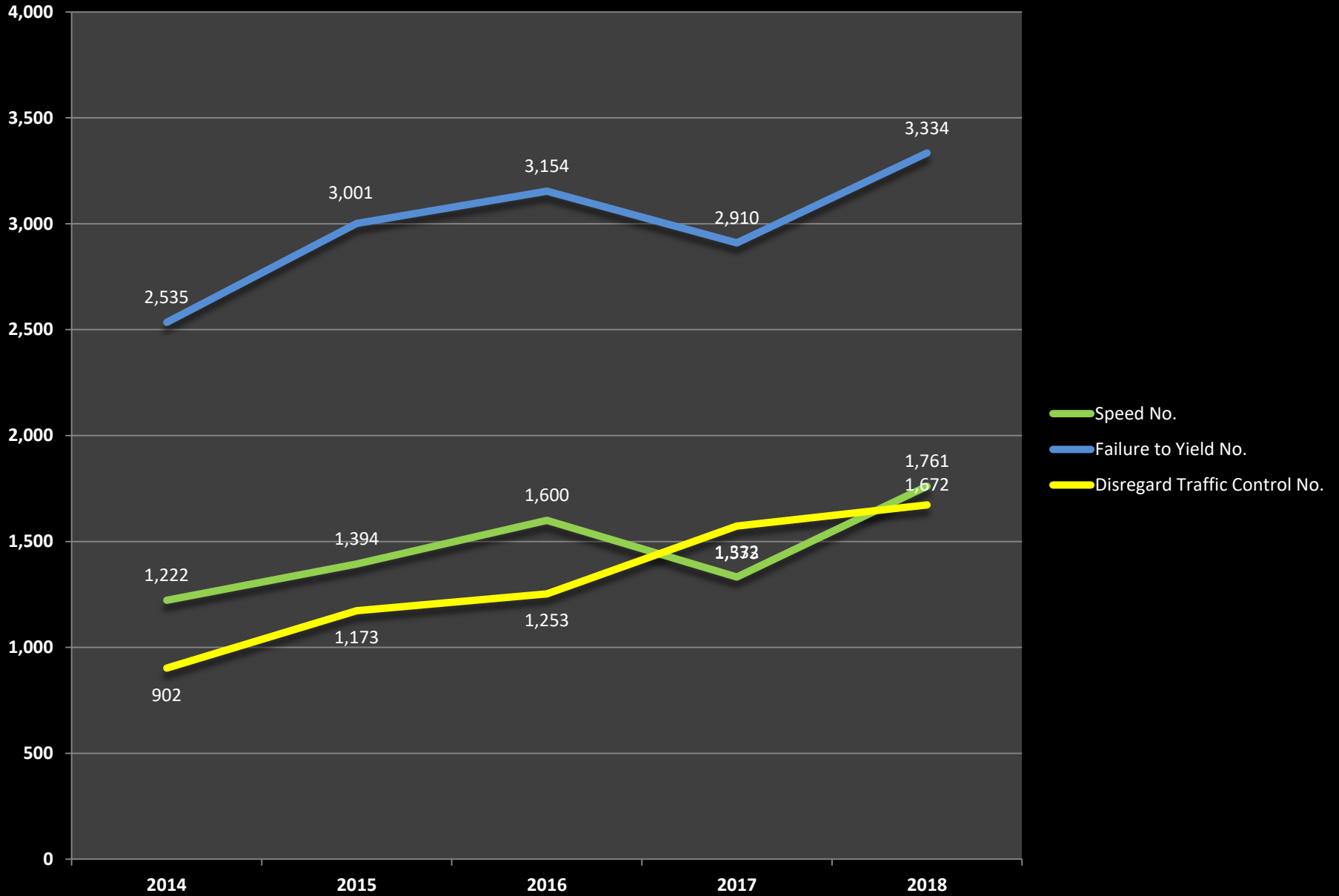
TOTAL CRASHES AND INJURY CRASHES



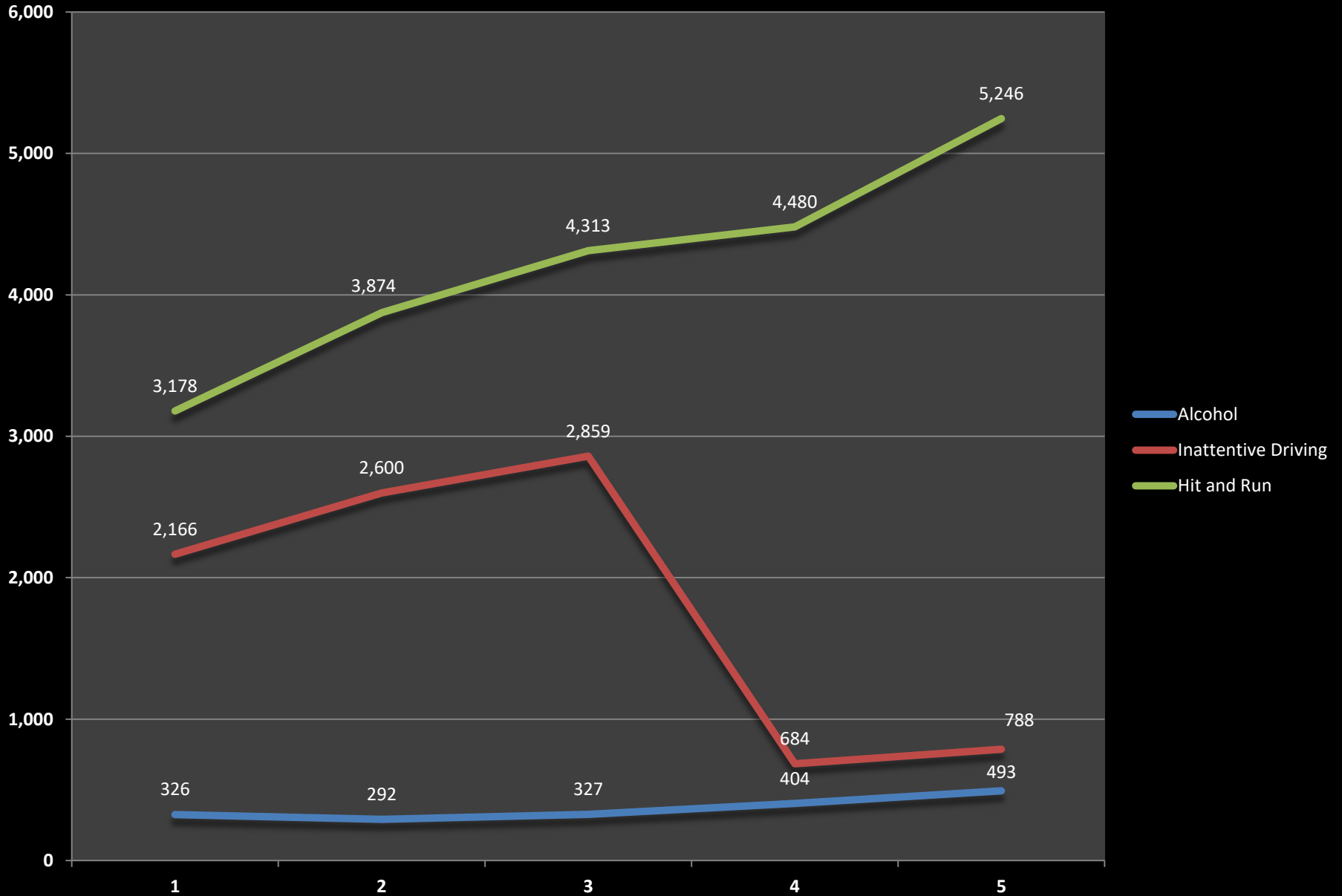
FATALITIES & INCAPACITATING INJURIES (SEVERE INJURIES) 2014-2018



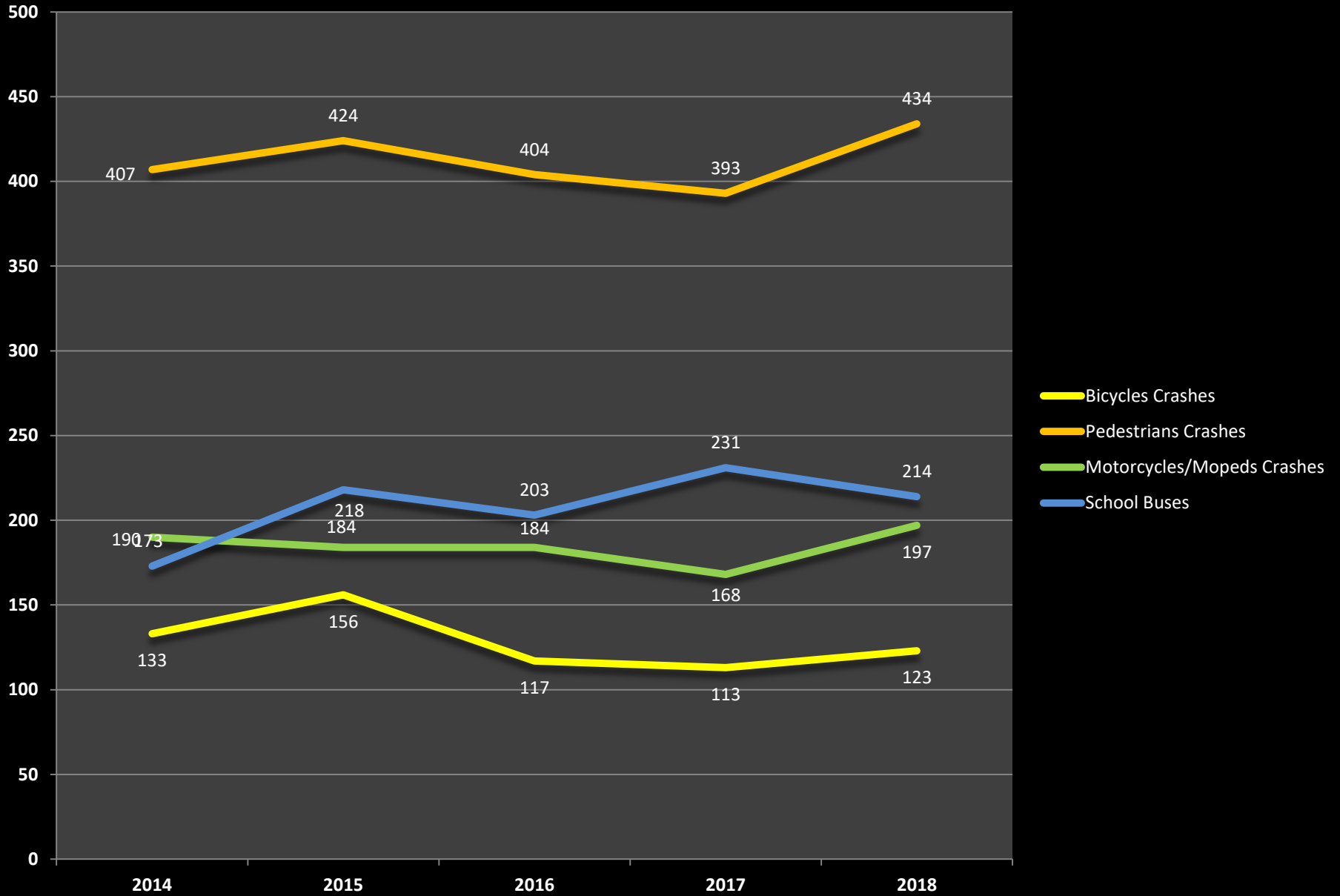
CRASHES BY DRIVER FACTORS 2014-2018



CRASHES BY DRIVER FACTORS 2014-2018 (cont.)



CRASHES BY UNIT TYPE 2014-2018



Traffic Fatalities By Police Districts: 2018 vs. 2017

2018

Police Districts:	Fatalities:
Police District 1	4
Police District 2	7
Police District 3	8
Police District 4	6
Police District 5	4
Police District 6	5
Police District 7	17
Total Traffic Fatalities:	57

2017

Police Districts:	Fatalities:
Police District 1	2
Police District 2	5
Police District 3	13
Police District 4	12
Police District 5	10
Police District 6	3
Police District 7	19
Total Traffic Fatalities:	64

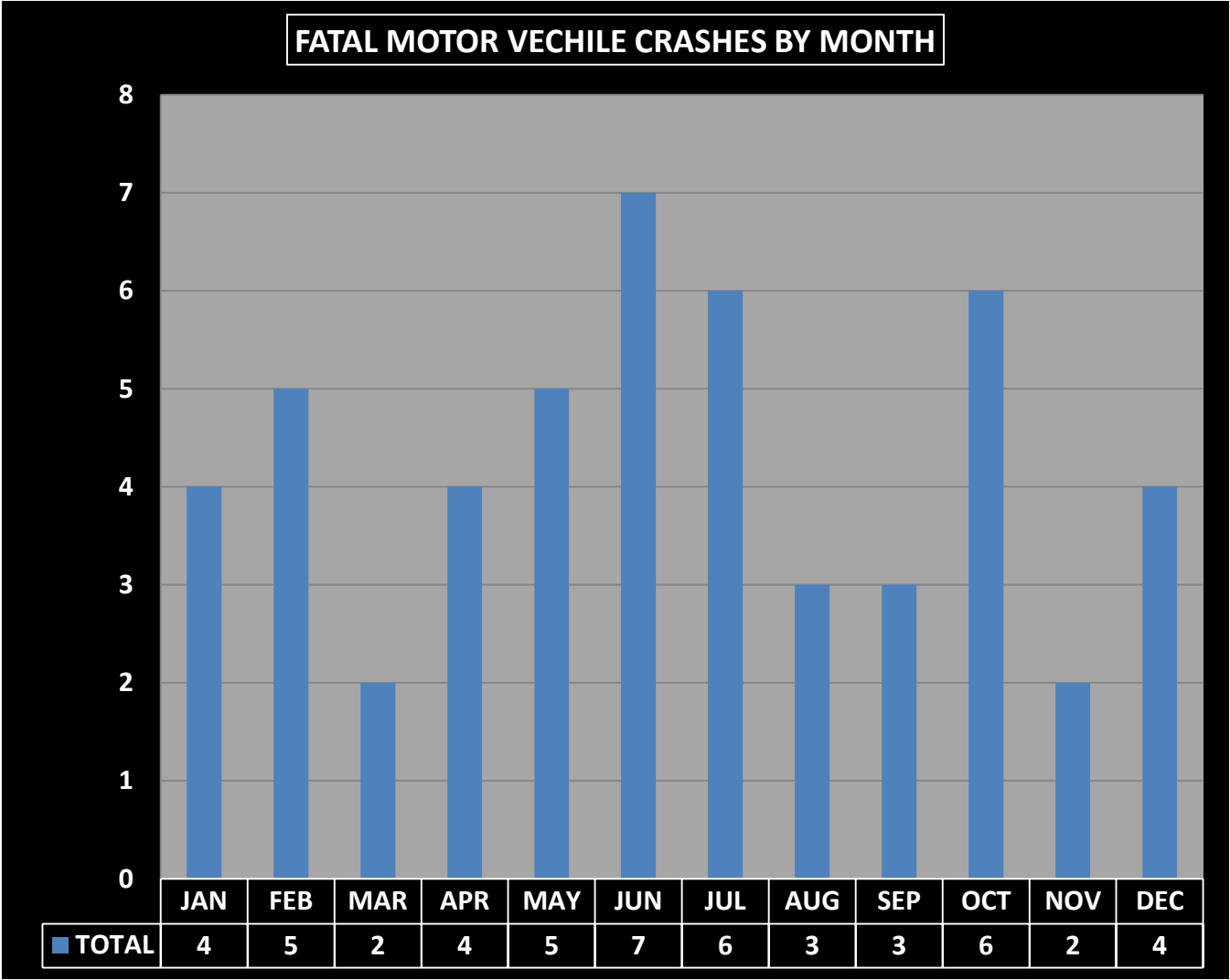
2018 Traffic Fatalities by Aldermanic District

Total Fatalities		Total Fatalities	
Ald. District		Ald. District	
1 st (Ald. Hamilton)	8	9 th (Ald. Lewis)	1
2 nd (Ald. Johnson)	4	10 th (Ald. Murphy)	4
3 rd (Ald. Kovac)	0	11 th (Ald. Borkowski)	1
4 th (Ald. Bauman)	7	12 th (Ald. Perez)	8
5 th (Ald. Dodd)	3	13 th (Ald. Witkowski)	3
6 th (Ald. Coggs)	1	14 th (Ald. Zielinski)	1
7 th (Ald. Rainey)	9	15 th (Ald. Stamper II)	4
8 th (Ald. Donovan)	3		

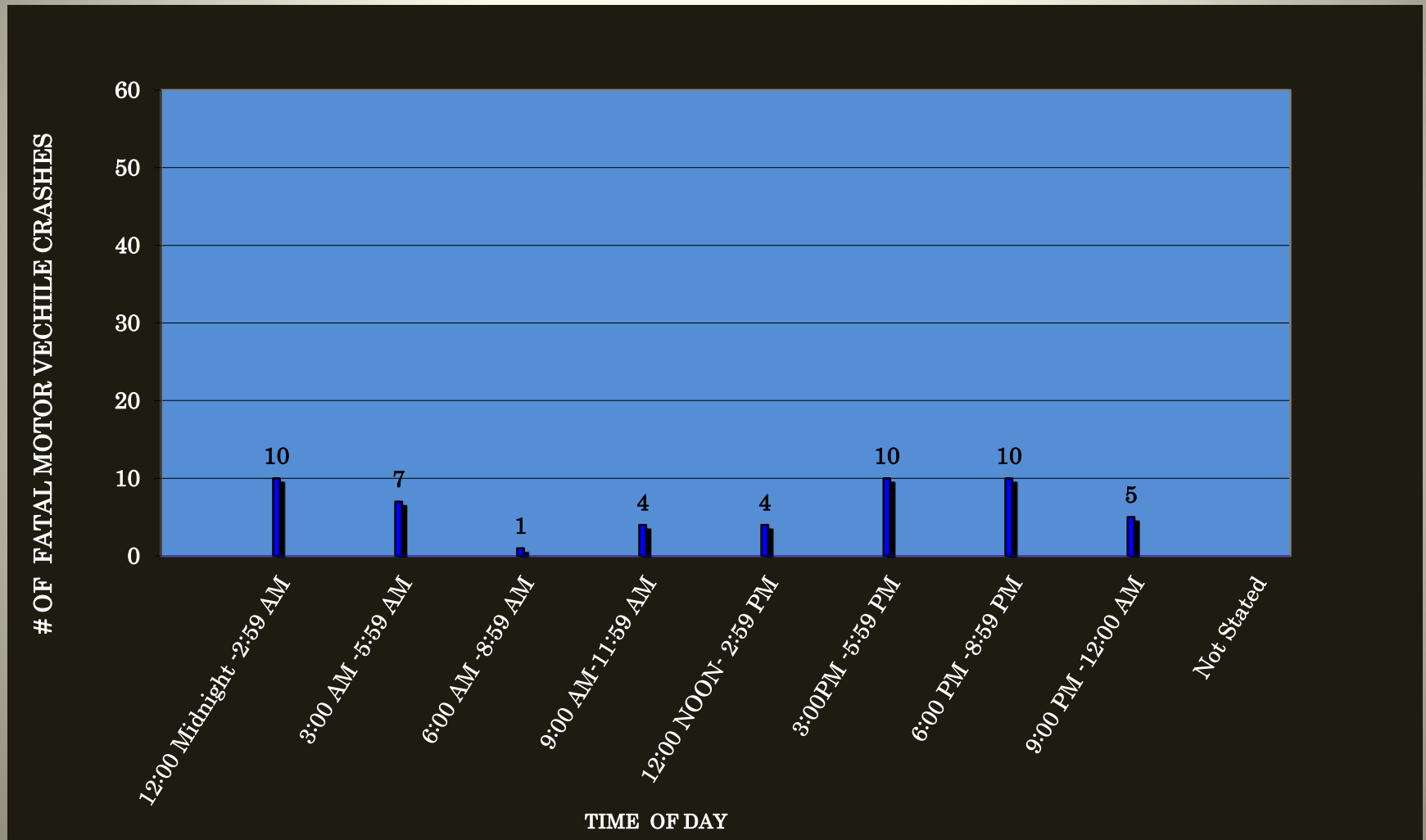
2017 Traffic Fatalities by Aldermanic District

Total Fatalities		Total Fatalities	
Ald. District		Ald. District	
1 st (Ald. Hamilton)	9	9 th (Ald. Lewis)	3
2 nd (Ald. Johnson)	10	10 th (Ald. Murphy)	3
3 rd (Ald. Kovac)	1	11 th (Ald. Borkowski)	1
4 th (Ald. Bauman)	3	12 th (Ald. Perez)	1
5 th (Ald. Bohl Jr.)	3	13 th (Ald. Witkowski)	1
6 th (Ald. Coggs)	3	14 th (Ald. Zielinski)	1
7 th (Ald. Rainey)	10	15 th (Ald. Stamper II)	10
8 th (Ald. Donovan)	5		

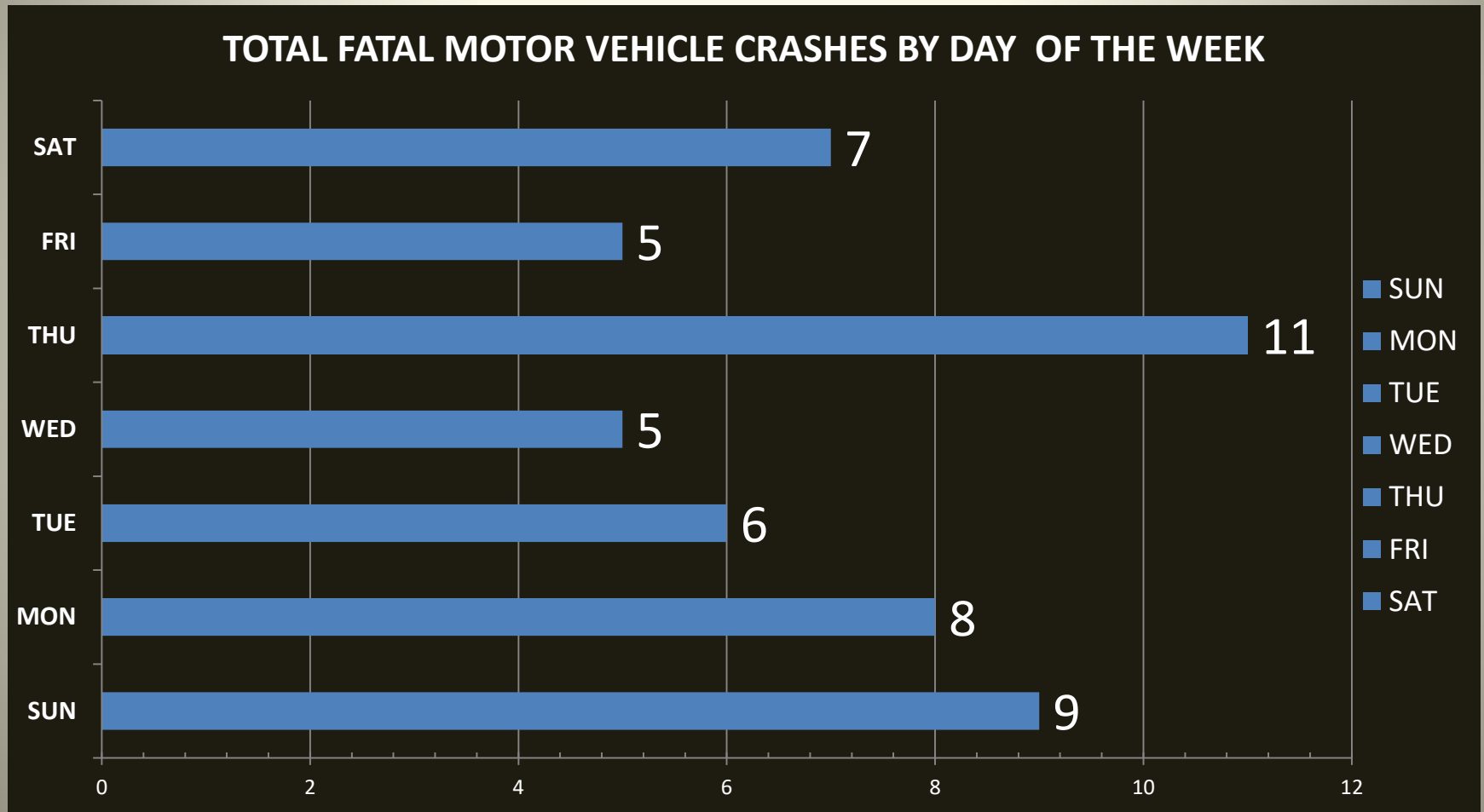
2018 CITY OF MILWAUKEE FATAL MOTOR VECHILE CRASHES BY MONTH



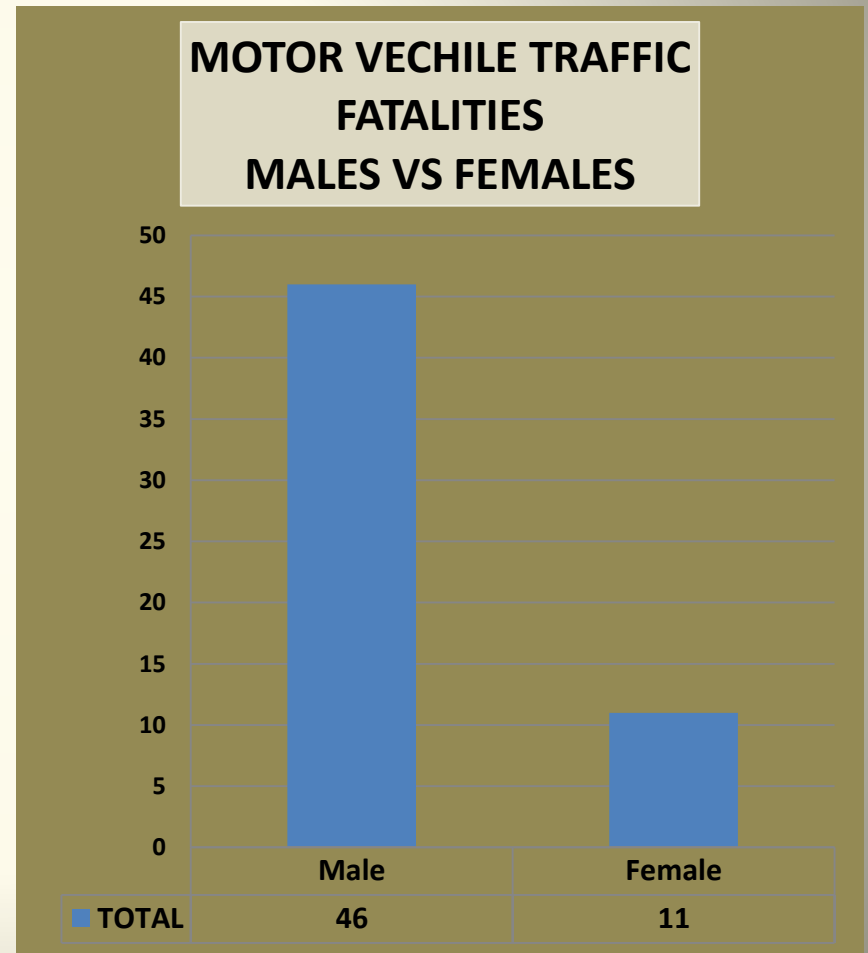
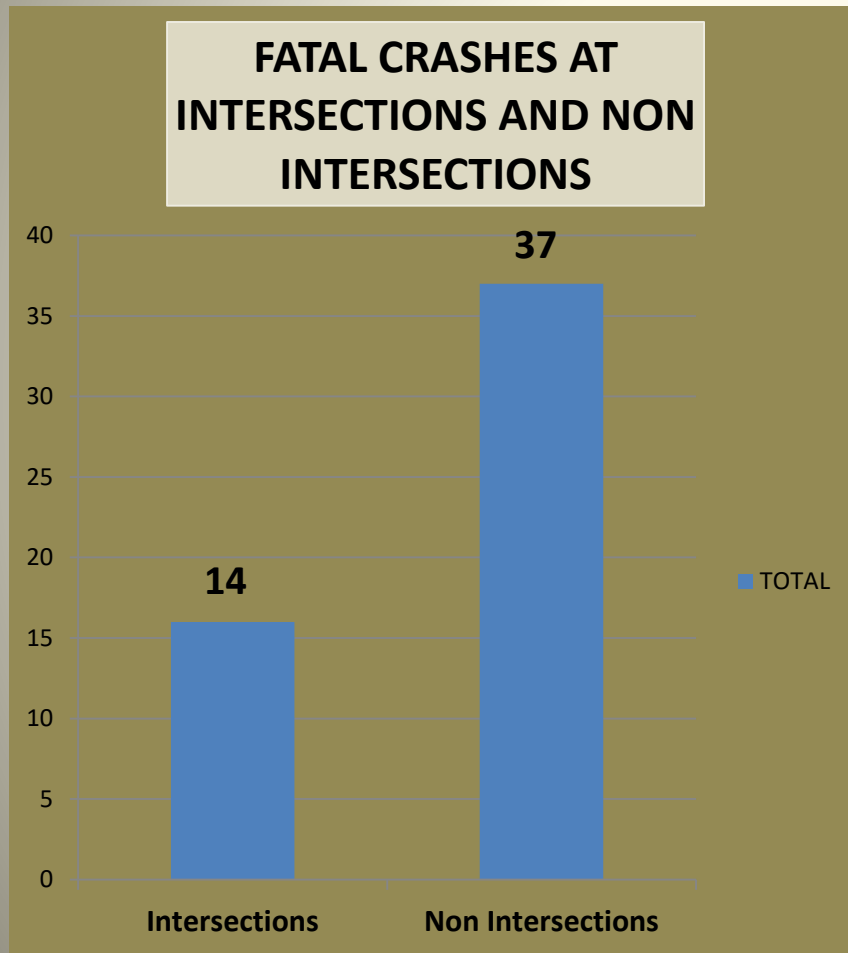
2018 CITY OF MILWAUKEE FATAL MOTOR VEHICLE CRASHES BY TIME OF DAY



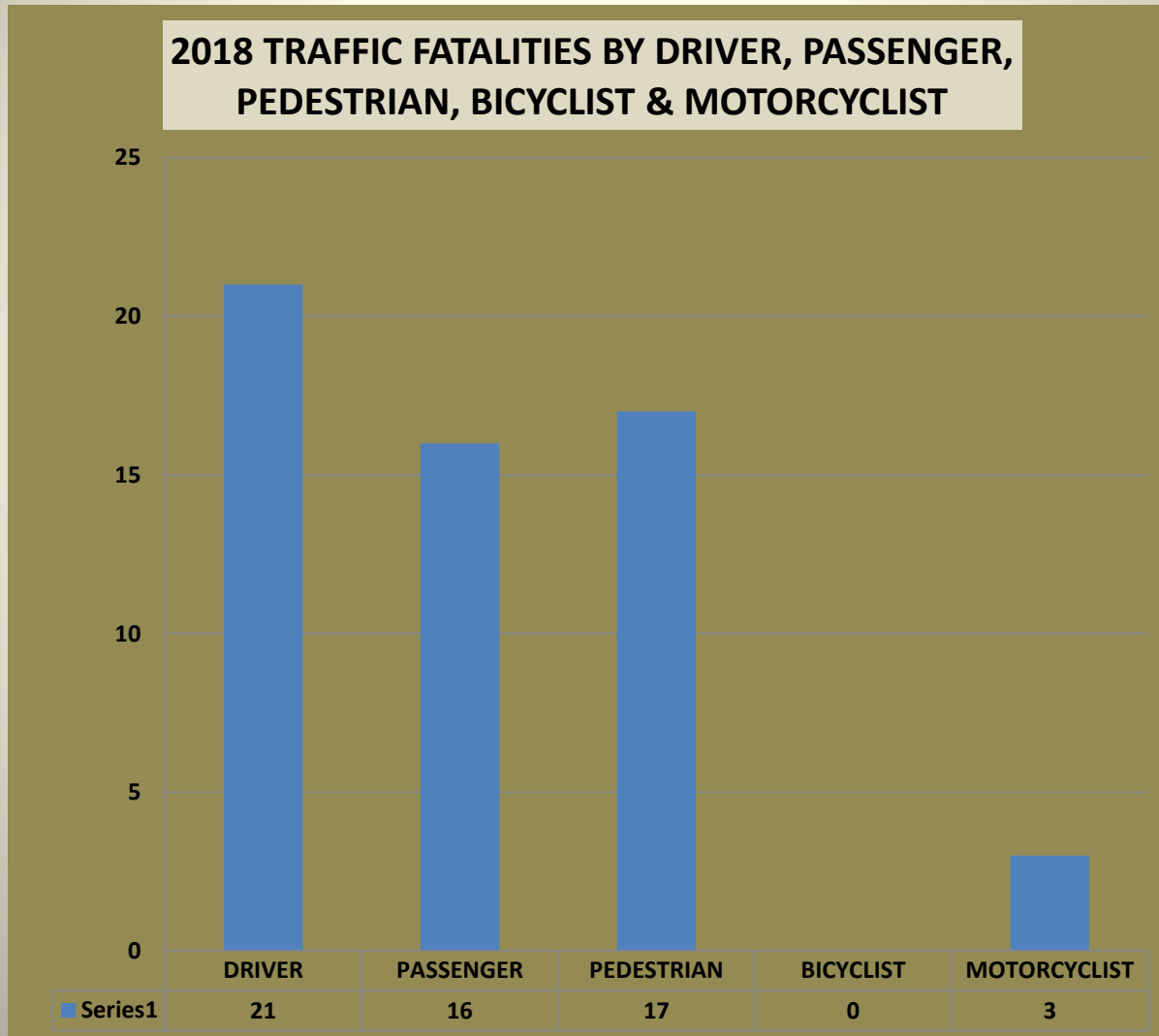
2018 CITY OF MILWAUKEE FATAL MOTOR VEHICLE CRASHES BY DAY OF THE WEEK



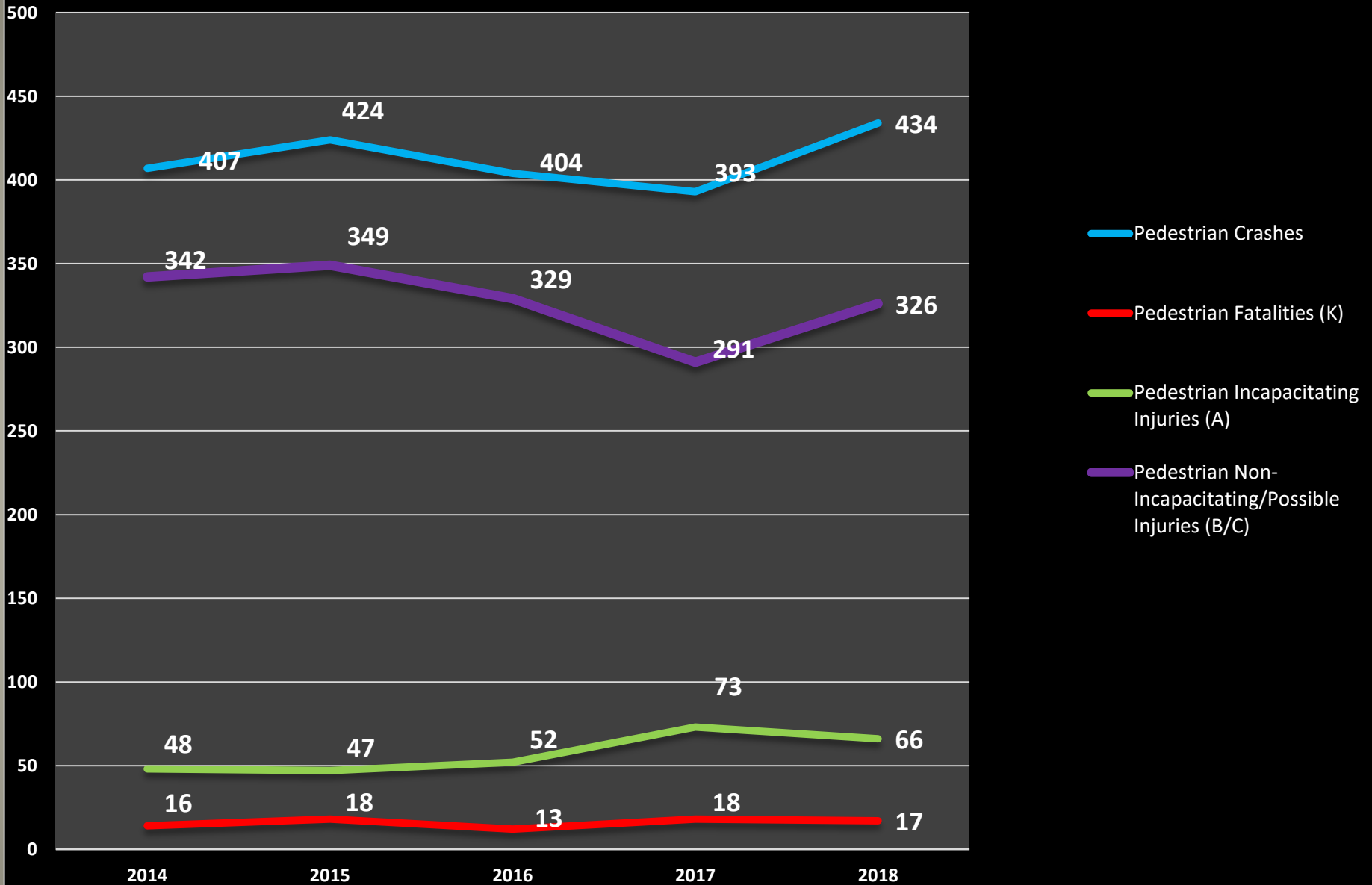
FATAL CRASHES BY INTERSECTION & MOTOR VEHICLE TRAFFIC FATALITIES BY GENDER



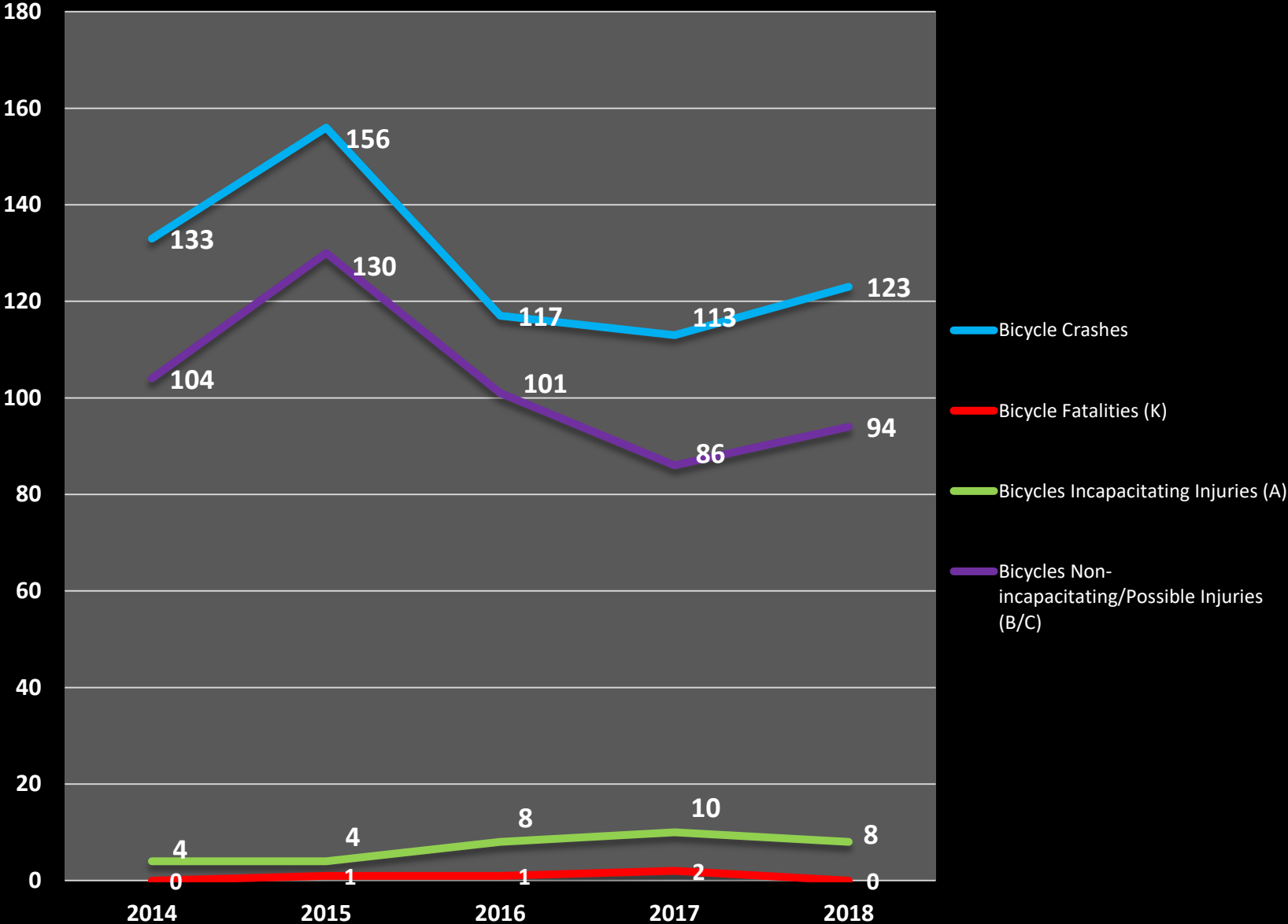
2018 TRAFFIC FATALITIES BY DRIVER, PASSENGER, PEDESTRIAN, BICYCLIST & MOTORCYCLIST



PEDESTRIAN CRASHES BY TYPE 2014-2018



BIKE CRASHES BY TYPE 2014-2018



CITY OF MILWAUKEE 2017 HIGH CRASH INTERSECTIONS

BY CRASH FREQUENCY

Rank	Intersection	Control	Entering Volume*	2017						2016		
				Crash Rate	Total Crashes	Total Fatalities	Total Injuries	Pedestrian Crashes	Bicycle Crashes	Total Crashes	Total Fatalities	Total Injuries
1	W. Capitol Dr. (STH 190) & N. Sherman Blvd.	City Signal	58,350	2.07	44	1	38	1	0	34	0	13
2	W. Capitol Dr. (STH 190) & N. 35th St.	City Signal	49,250	2.00	36	3	12	0	0	40	0	41
3	W. Center St. & N. 27th St	City Signal	35,000	2.66	34	0	25	2	1	22	0	14
4	W. Capitol Dr. (STH 190) & N. 51st Blvd.	City Signal	48,950	1.68	30	0	18	0	0	40	0	33
5	W. Hampton Ave. & N. Teutonia Ave.	City Signal	41,400	1.92	29	1	21	1	0	19	0	11
6	W. Hampton Ave. & N. Hopkins St.	City Signal	33,100	2.32	28	1	12	3	0	17	0	12
7	W. Capitol Dr. (STH 190) & N. 34th St.	City Signal	51,500	1.44	27	0	18	0	0	18	0	9
8	N. Teutonia Ave. & W. Villard Ave.	City Signal	29,950	2.38	26	1	13	1	0	18	0	16
9	W. Capitol Dr. (STH 190) & N. 76th St. (STH 181)	City Signal	52,450	1.36	26	0	19	1	0	14	0	7
10	W. Capitol Dr. (STH 190) & N. Teutonia Ave.	City Signal	54,300	1.21	24	0	11	1	0	11	0	10
11	W. Center St. & W. Lisbon Ave. & N. 60th St.	City Signal	31,550	2.00	23	0	7	0	0	18	0	5
12	W. Hope Ave. & W. Hopkins St. & N. 35th St.	Stop Sign	14,250	4.23	22	0	28	0	0	6	0	0
13	W. Capitol Dr. (STH 190) & N. 26th St.	Stop Sign	36,600	1.65	22	0	17	1	1	9	0	14
14	W. Fond Du Lac Ave. (STH 145) & N. Sherman Blvd.	City Signal	64,400	0.94	22	0	15	3	0	14	0	7
15	W. Burleigh St. & W. Fond Du Lac Ave. (STH 145) & N. 35th St.	City Signal	45,200	1.33	22	0	8	1	0	33	0	17
16	W. Fond Du Lac Ave. (STH 145) & W. Locust St.	City Signal	29,150	1.97	21	1	14	0	0	25	0	18
17	W. Capitol Dr (STH 190) & N. 60th St.	City Signal	51,250	1.12	21	0	18	2	1	26	0	17
18	W. Hampton Ave. & N. Sherman Blvd.	City Signal	53,050	1.08	21	0	15	1	0	21	0	18
19	W. North Ave. & N. 27th St.	City Signal	26,350	2.18	21	0	14	1	0	14	0	11
20	W. Fond Du Lac Ave. (STH 145) & N. 27th St.	City Signal	31,450	1.83	21	0	11	0	0	12	0	10
21	W. Fond Du Lac Ave (STH 145) & W. Hampton Ave.	City Signal	56,700	0.97	20	0	15	0	0	17	0	11
22	W. Highland Ave. & W. Highland Blvd. & N. 27th St.	City Signal	26,400	2.08	20	0	13	1	0	6	0	2
23	W. Fond Du Lac Ave. (STH 145) & N. 68th St.	City Signal	41,800	1.31	20	0	12	0	0	5	0	2
24	W. Capitol Dr. (STH 190) & W. Fond Du Lac Ave. (STH 145)	City Signal	72,850	0.75	20	0	10	0	0	25	0	13
25	W. Layton Ave. & S. 27th St. (STH 241)	State Signal	52,500	0.99	19	1	5	0	0	22	0	8
26	W. Townsend St. & N. 27th St.	City Signal	15,500	3.36	19	0	18	0	0	9	0	3
27	W. Locust St. & N. Martin L King Jr Dr.	City Signal	43,250	1.20	19	0	17	0	1	19	0	14
28	W. Appleton Ave. (STH 175) & W. Capitol Dr. (STH 190)	City Signal	71,650	0.73	19	0	16	0	0	22	0	20
29	W. Lisbon Ave. & N. 35th St.	City Signal	27,250	1.91	19	0	16	0	1	14	0	10
30	W. Hampton Ave. & N. 60th St.	City Signal	46,000	1.13	19	0	15	0	0	21	0	15
31	W. Silver Spring Dr. & N. 91st St.	County Signal	48,050	1.08	19	0	13	0	0	14	0	10
32	W. National Ave. (STH 59) & S. 35th St.	City Signal	32,300	1.61	19	0	11	2	0	6	0	3
33	W. Vliet St. & N. 27th St.	City Signal	24,950	2.09	19	0	11	0	0	10	0	1
34	W. Villard Ave. & N. 60th St.	City Signal	32,300	1.61	19	0	10	0	0	14	0	11
35	W. Capitol Dr. (STH 190) & N. 27th St.	City Signal	51,000	1.02	19	0	3	1	0	26	0	18

Rank	Intersection	Control	Entering Volume*	2017						2016		
				Crash Rate	Total Crashes	Total Fatalities	Total Injuries	Pedestrian Crashes	Bicycle Crashes	Total Crashes	Total Fatalities	Total Injuries
36	W. Burleigh St. & W. Roosevelt Dr.& N. 60th St.	City Signal	33,850	1.46	18	0	12	0	1	16	0	9
37	W. College Ave. & S. 13th St.	County Signal	42,150	1.17	18	0	8	0	1	17	0	11
38	W. Fond Du Lac Ave. (STH 145) & W. Mc Kinley Ave. & N. 6th St.	City Signal	29,450	1.67	18	0	8	0	0	22	2	13
39	W. Layton Ave. & S. 13th St.	City Signal	38,050	1.30	18	0	8	1	0	13	0	6
40	S. Layton Blvd. & W. Lincoln Ave. & S. 27th St.	City Signal	39,100	1.26	18	0	7	2	0	18	0	13
41	W. Silver Spring Dr. & N. 64th St.	City Signal	52,300	0.94	18	0	7	1	0	6	0	3
42	W. Burleigh St. & N. 27th St.	City Signal	26,850	1.73	17	0	22	1	0	24	0	16
43	W. North Ave. & N. 35th St.	City Signal	32,650	1.43	17	0	16	2	0	22	0	16
44	W. Wisconsin Ave. & N. 11th St.	City Signal	18,850	2.47	17	0	12	0	0	14	0	2
45	W. Center St. & N. 35th St.	City Signal	84,700	0.55	17	0	11	0	0	27	0	22
46	W. Locust St. & N. 8th St.	City Signal	25,300	1.84	17	0	10	0	0	12	0	6
47	W. Becher St. & S. 6th St. (STH 38)	City Signal	24,400	1.91	17	0	4	0	0	8	0	3
48	W. Center St. & W. Fond Du Lac Ave (STH145)	City Signal	29,600	1.48	16	0	13	0	0	16	0	15
49	W. Locust St. & N. Sherman Blvd.	City Signal	29,950	1.46	16	0	13	0	0	11	0	4
50	W. Greenfield Ave. & S. Layton Blvd.	City Signal	38,100	1.15	16	0	11	2	1	10	0	2
51	W. Good Hope Rd. (CTH PP) & N. 60th St.	County Signal	41,700	1.05	16	0	8	0	0	17	1	10
52	W. Villard Ave. & N. 51st. Blvd.	City Signal	25,850	1.70	16	0	4	0	0	14	0	16
53	W. Wisconsin Ave. (USH 18) & N. 35th St.	City Signal	31,300	1.31	15	0	17	0	0	17	0	6
54	W. Hampton Ave. & N. 37th St.	City Signal	33,100	1.24	15	0	13	1	0	10	0	5
55	W. Locust St. & N. 35th St.	City Signal	22,000	1.87	15	0	11	0	0	14	1	7
56	W. Florida St. & S. 2nd St.	Stop Sign	8,600	4.78	15	0	8	0	0	6	0	2
57	S. Layton Blvd. (STH 57) & W. National Ave. (STH 59)	City Signal	37,000	1.11	15	0	7	2	0	17	0	11
58	W. Center St. & N. Martin L King Jr Dr.	City Signal	21,450	1.92	15	0	7	0	0	13	0	11
59	W. Fond Du Lac Ave. (STH 145) & N. 51st Blvd.	City Signal	56,650	0.73	15	0	7	0	0	18	0	9
60	W. Hampton Ave. & N. 76th St (STH 181)	City Signal	51,800	0.79	15	0	6	0	0	17	0	15
61	W. Grantosa Dr. & N. 76th St. (STH 181)	City Signal	43,500	0.94	15	0	5	0	0	12	0	4
62	W. Good Hope Rd. (CTH PP) & N. 76th St. (STH 181)	State Signal	66,850	0.61	15	0	3	0	0	21	0	14
63	W. Wisconsin Ave. & N. 10th St.	City Signal	20,800	1.98	15	0	3	0	0	18	0	6
64	W. Locust St. & N. 7th St.	City Signal	35,100	1.17	15	0	2	0	0	12	0	5

*Volume numbers are AADT from WisDOT Roadrunner website. In cases of discrepancy between initially visible summary number and more detailed available statistics, the summary number was used.

CITY OF MILWAUKEE 2017 HIGH CRASH INTERSECTIONS

THAT APPEARED ON THE 2016 LIST BUT NOT ON THE 2017 List

2016 Rank	Intersection	Control	2017					2016		
			Total Crashes	Total Fatalities	Total Injuries	Pedestrian Crashes	Bicycle Crashes	Total Crashes	Total Fatalities	Total Injuries
31	W. Hampton Ave. & N. 51st Blvd.	City Signal	14	0	3	0	0	18	0	13
37	W. North Ave. & N. 20th St. (STH 57)	City Signal	13	1	5	0	0	18	0	6
25	W. Locust St. & N. 27th St. (STH 57)	City Signal	13	0	8	0	0	25	0	11
38	W. St. Paul Ave. & N. 27th St. (STH 57)	City Signal	13	0	3	0	0	17	1	6
18	W. Silver Spring Dr. & N. 60th St.	City Signal	12	0	6	0	0	25	0	22
39	N. Lovers Lane Rd. & W. Silver Spring Dr.	State Signal	12	0	5	1	0	16	0	17
45	W. Burleigh St. & N. 51st Blvd.	City Signal	11	0	7	2	0	16	0	9
13	W. Mill Rd. (CTH S) & N. 76th St. (STH 181)	State Signal	10	0	15	1	1	21	0	17
40	W. Congress St. & N. Sherman Blvd.	City Signal	10	0	11	0	0	16	0	17
48	N. Humboldt Blvd. & E. Locust St.	City Signal	10	0	4	0	0	17	0	8
23	W. Blue Mound Rd. (USH 18) & N. Mayfair Rd. (STH 100)	State Signal	10	0	4	1	0	18	0	9
6	W. Fond Du Lac Ave. (STH 145) & N. 60th St.	City Signal	10	0	4	0	0	29	0	14
50	W. Forest Home Ave. (STH 24) & S. 27th St. (STH 241)	City Signal	9	0	6	0	0	16	0	7
47	W. Good Hope Rd. (CTH PP) & N. 107th St.	City Signal	9	0	6	0	0	20	0	9
42	N. Martin L King Jr Dr. & W. North Ave.	City Signal	9	0	3	0	0	17	0	13
54	S. Cesar E. Chavez Dr. & W. Mitchell St. & S. 16th St.	City Signal	8	0	8	0	0	18	0	12
27	W. Vliet St. & N. 35th St.	City Signal	8	0	2	0	0	18	0	5
52	W. Capitol Dr. (STH 190) & N. 20th St. (STH 57)	City Signal	7	0	4	0	0	16	0	5
33	Miller Park Way (STH 341) & W. National Ave. (STH 59)	West MKE Signal	7	0	1	0	0	19	0	14
55	W. Capitol Dr. (STH 190) & N. 56th St.	City Signal	4	0	4	1	0	15	0	3
56	W. State St. & N. 27th St. (STH 57)	City Signal	3	0	0	0	0	16	0	3

Proactive Traffic Safety Initiatives

- Speed Enforcement Initiatives
- Educational Traffic Safety Programs
- Traffic Safety information for local business, places of worship, and community groups.
- Traffic Slow Down Signs (MPD & AAA of WI)
- MPD Public Information Office- Traffic Safety Initiative Press Conferences
- Continue working with Milwaukee Safety and Civic Commission
- Working with DPW Traffic & Engineering on Traffic Calming Initiatives.

SOURCES

- Sources:
 - Milwaukee Police Department Safety Division
 - Milwaukee Police Department Office of Management Analysis and Planning
 - Milwaukee Police Department Neighborhood Task Force
 - Milwaukee Police Department Specialized Patrol Division Crash Reconstruction Unit
 - Milwaukee Police Department Traffic Enforcement Unit
 - Milwaukee Police Department Traffic Records
 - Milwaukee Police Department Citation Processing Unit
 - City of Milwaukee Department of Public Works Traffic & Engineering

 - ❑ Data Sources: Wisconsin Traffic Operations and Safety (TOPS) Laboratory, University of Madison College of Civil & Engineering, The WisTransportal System Preliminary 2018 Crash data. The WisTransPortal is updated on a daily basis from preliminary DT4000 crash data extracts. The DT4000 form elements and attributes have been translated back to match MV4000 definitions.
 - ❑ Note: Crash data obtained from the Wisconsin Transportation Portal (WisTransPortal) database. Crashes include the following location types: Intersections and non-Intersections. Crashes exclude the following location types: Parking lots and private property. Deer related crashes are also excluded. 2018 data preliminary and represents the latest set of available crash records for the current year and generally include crash reports transmitted by law enforcement as recently as the previous day. All preliminary data are subject to ongoing review and editing.
 - ❑ Data Source: Milwaukee Police Department Specialized Patrol Division Crash Reconstruction Unit Data Base 2018-2008.