



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

February 2019

This report contains statistical and operational data for TMC activities from the period of February 01, 2019 to February 28, 2019.

Executive Summary

TOTAL INCIDENTS		TOTAL SECONDARY INCIDENTS		TOTAL MULTI-VEHICLE INCIDENTS	
The total number of incidents during the period. *		Crashes that occur within the original incident scene or resulting queue.		The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
January	February	January	February	January	February
3,899	3,782	34	20	334	286

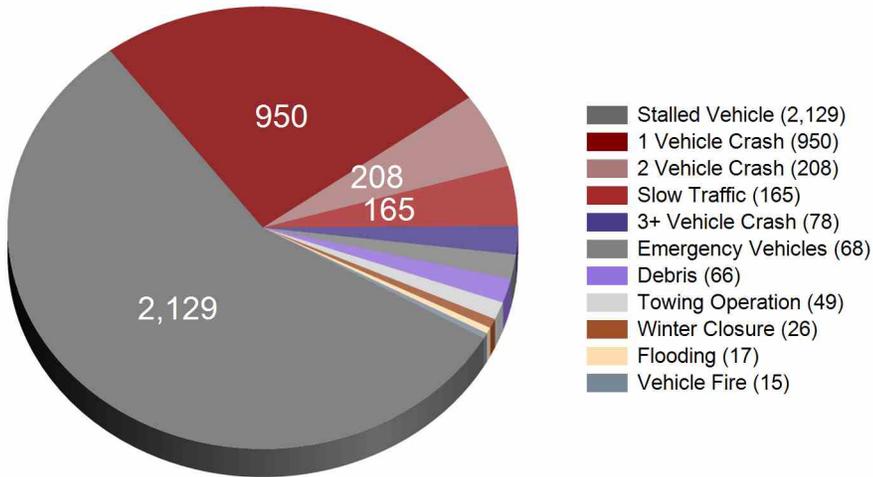
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
January	February	January	February	January	February
513	584	52 min	1 hr 24 m	1,348	1,138

* - excludes roadwork

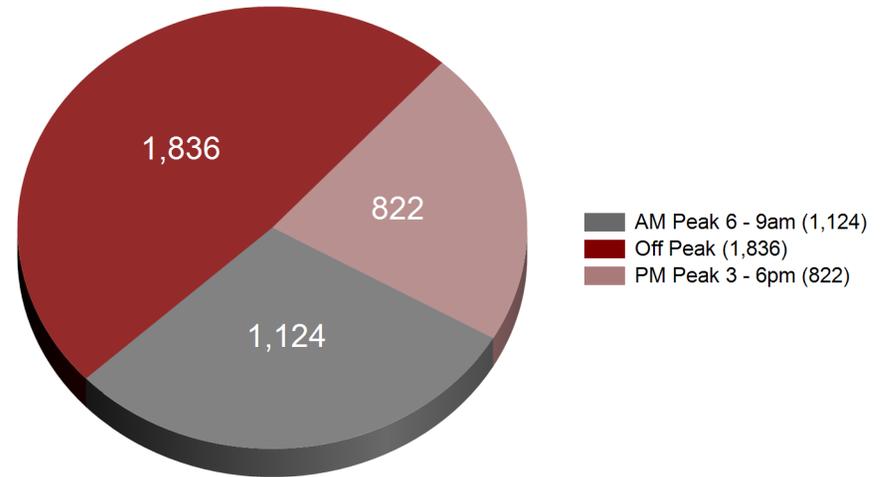
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

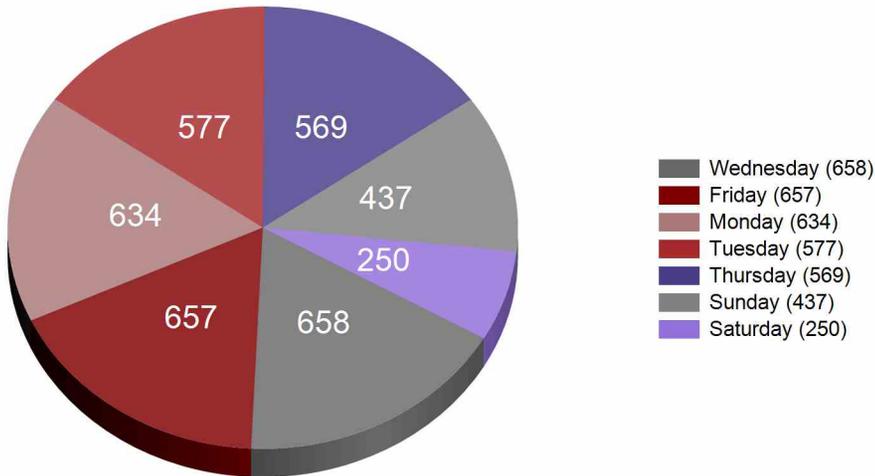
Incidents By Type



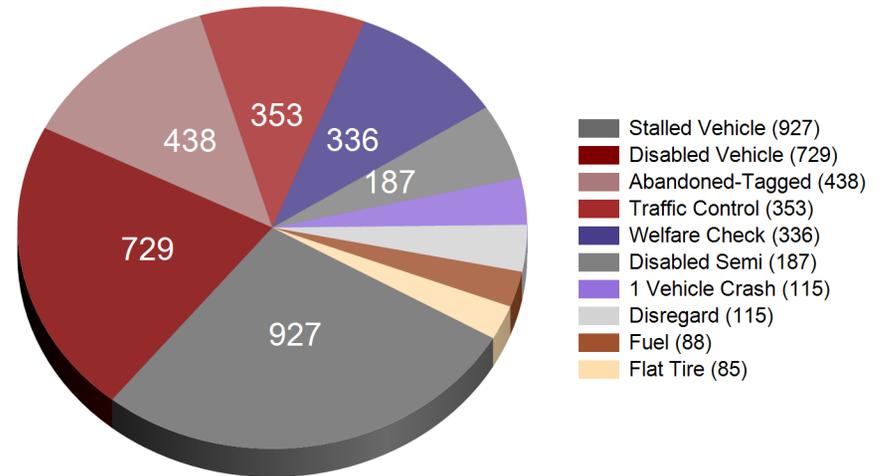
Incidents By Shift



Incidents By Day



Highway Helper Response

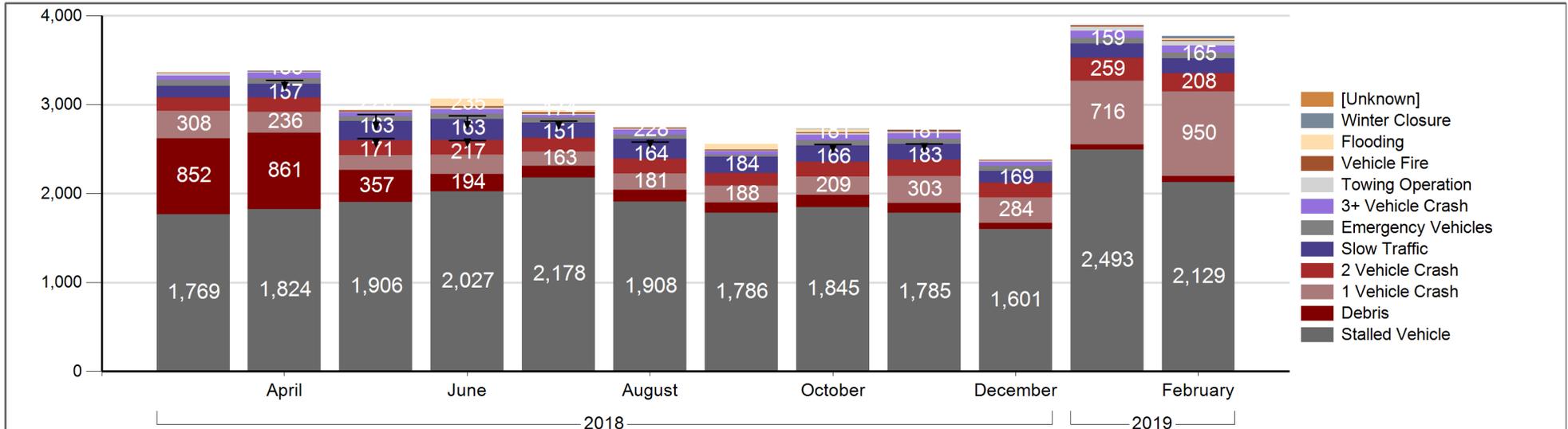


INCIDENT TOTALS BY TYPE

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

Type	Total	%	Avg Impact	District 1*	District 2	District 3	District 4*	District 5	District 6*
Stalled Vehicle	2,129	56%	31 min	981	79	27	292	75	635
1 Vehicle Crash	950	25%	39 min	437	59	33	129	21	267
2 Vehicle Crash	208	5%	45 min	97	11	16	28	7	48
Slow Traffic	165	4%	9 min	93	9	7	16	5	34
3+ Vehicle Crash	78	2%	29 min	34	8	6	9	1	20
Emergency Vehicles	68	2%	1 hr	23	5	11	11	7	10
Debris	66	2%	16 min	30	4	4	6	7	14
Towing Operation	49	1%	2 hr 21 m	12	2	4	14	1	16
Winter Closure	26	1%		11	6	4	2	0	3
Flooding	17	0%		2	0	0	2	5	8
Vehicle Fire	15	0%	1 hr 9 m	7	1	0	1	1	5
Wrong Way Driver	11	0%		3	0	0	0	0	8
Total	3,782	100%	45 min	1,730	184	112	510	130	1,068

* - Totals include Highway Helper Incidents

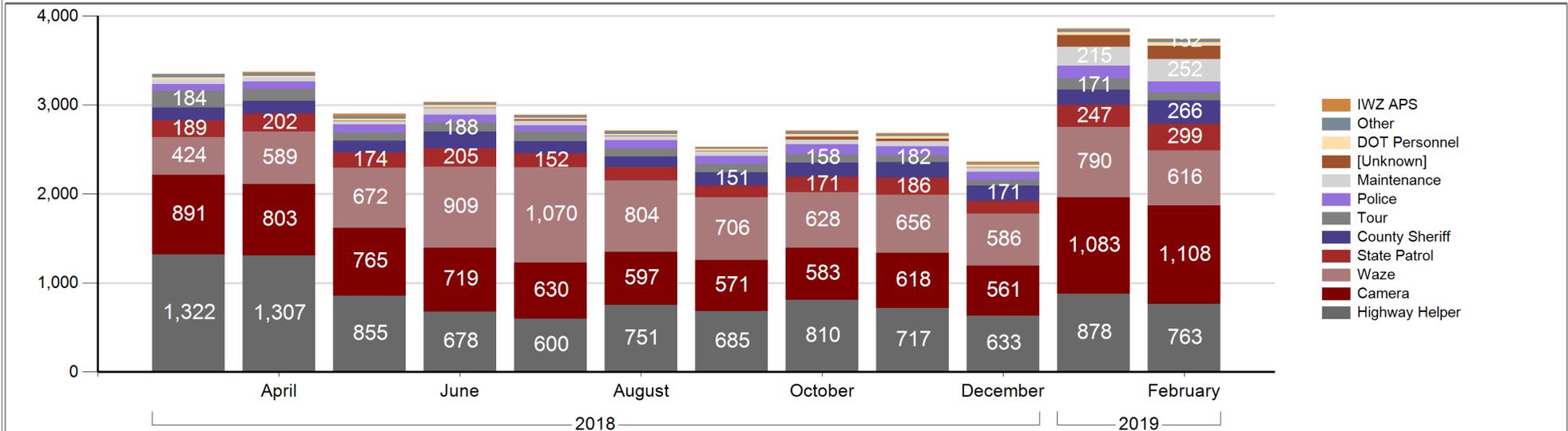


INCIDENT TOTALS BY DETECTION TYPE

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

Type	Total	%	District 1*	District 2	District 3	District 4*	District 5	District 6*
Camera	1,108	29%	627	64	16	80	50	243
Highway Helper	763	20%	320	0	0	190	0	251
Waze	616	16%	290	37	11	53	20	196
State Patrol	299	8%	113	26	24	73	15	46
County Sheriff	266	7%	80	23	24	31	20	86
Maintenance	252	7%	88	20	18	30	12	83
Other	215	6%	78	6	2	30	4	94
Police	126	3%	69	2	10	8	6	30
Tour	84	2%	47	3	3	7	0	22
DOT Personnel	40	1%	18	2	3	3	3	11
IWZ APS	13	0%	0	1	1	5	0	6
Total	3,782	100%	1,730	184	112	510	130	1,068

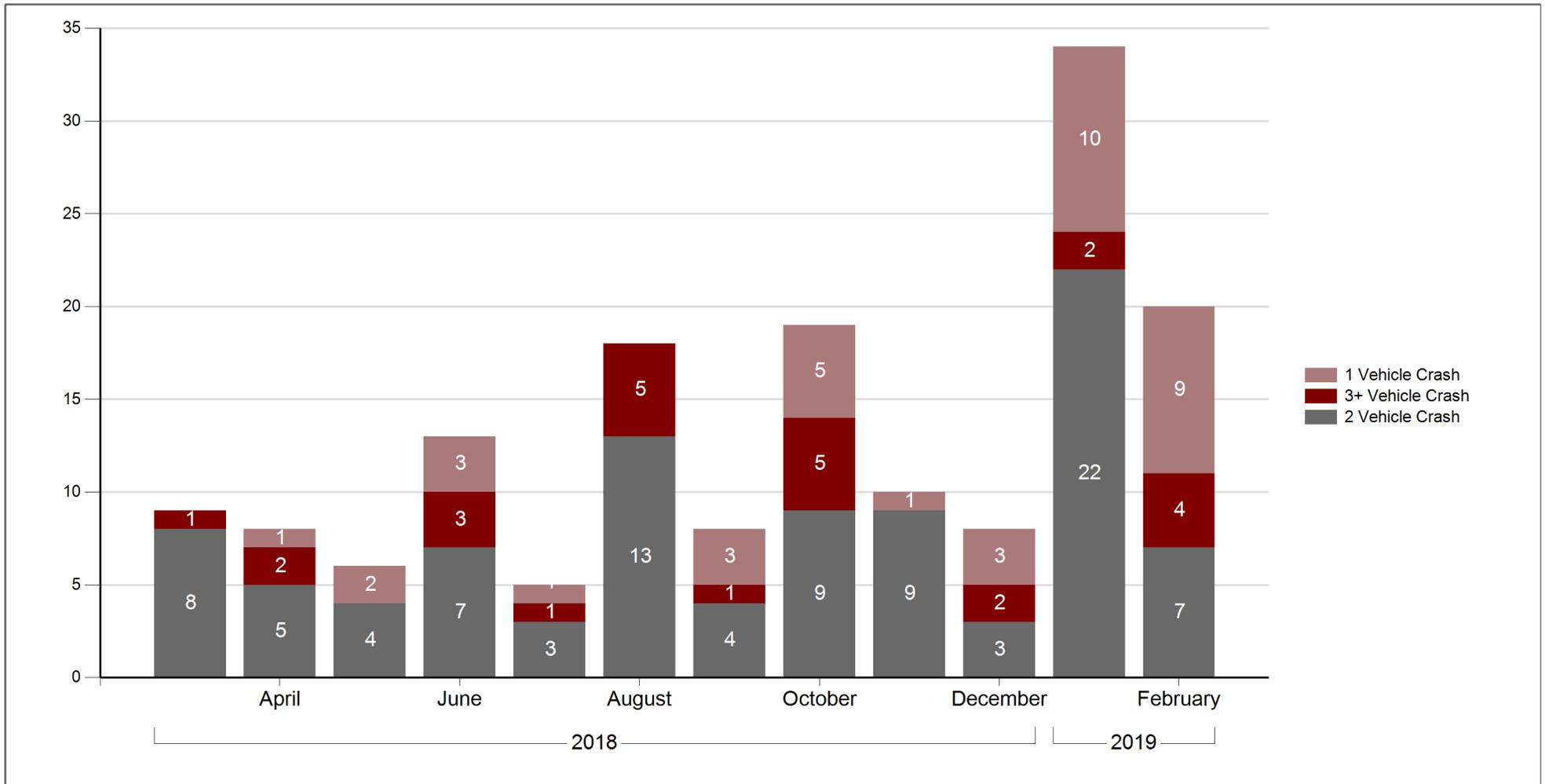
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

Crashes that occur within the original incident scene or resulting queue.

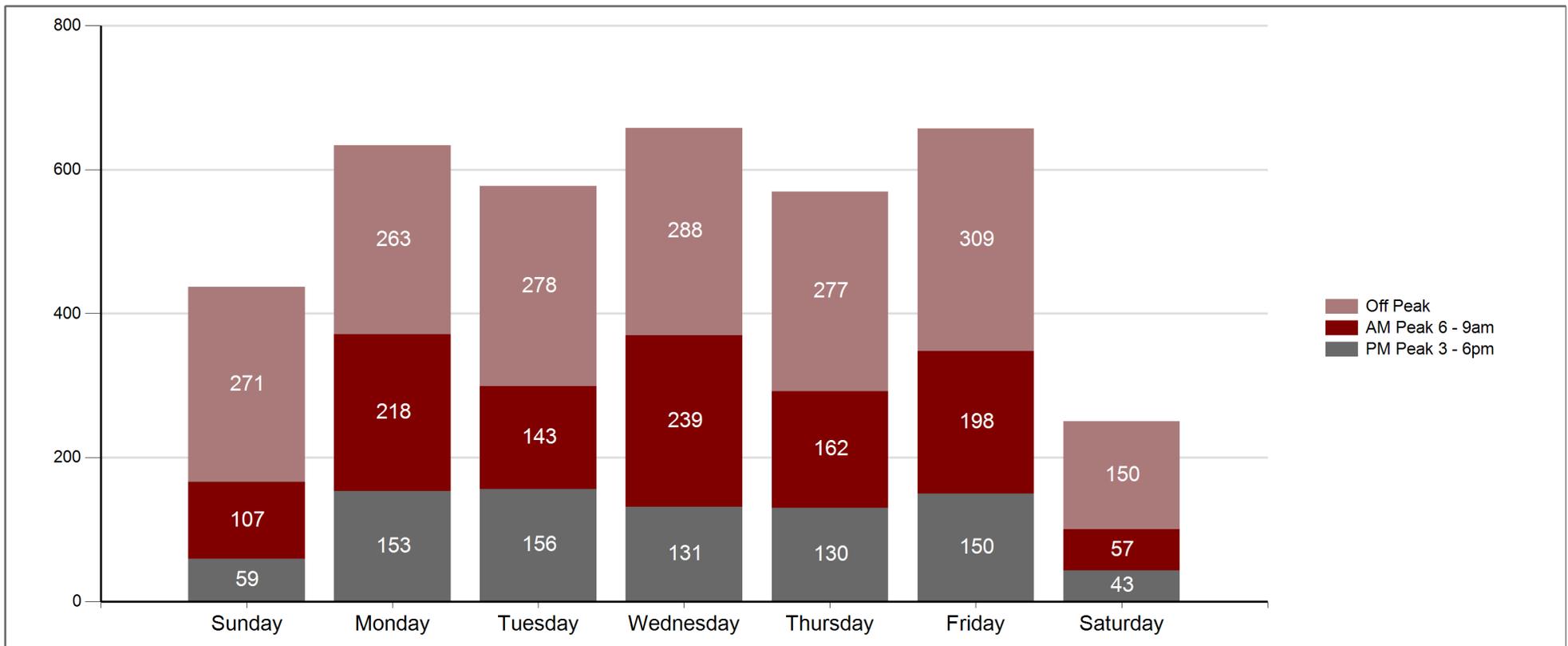
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
1 Vehicle Crash	9	45%	47 min	5	0	0	2	1	1
2 Vehicle Crash	7	35%	22 min	3	0	0	1	1	2
3+ Vehicle Crash	4	20%		3	0	0	0	0	1
Total	20	100%	23 min	11	0	0	3	2	4



INCIDENTS BY DAY OF WEEK

The total number of incidents (an event on the roadway which affects or can affect normal traffic flow) during a given period.

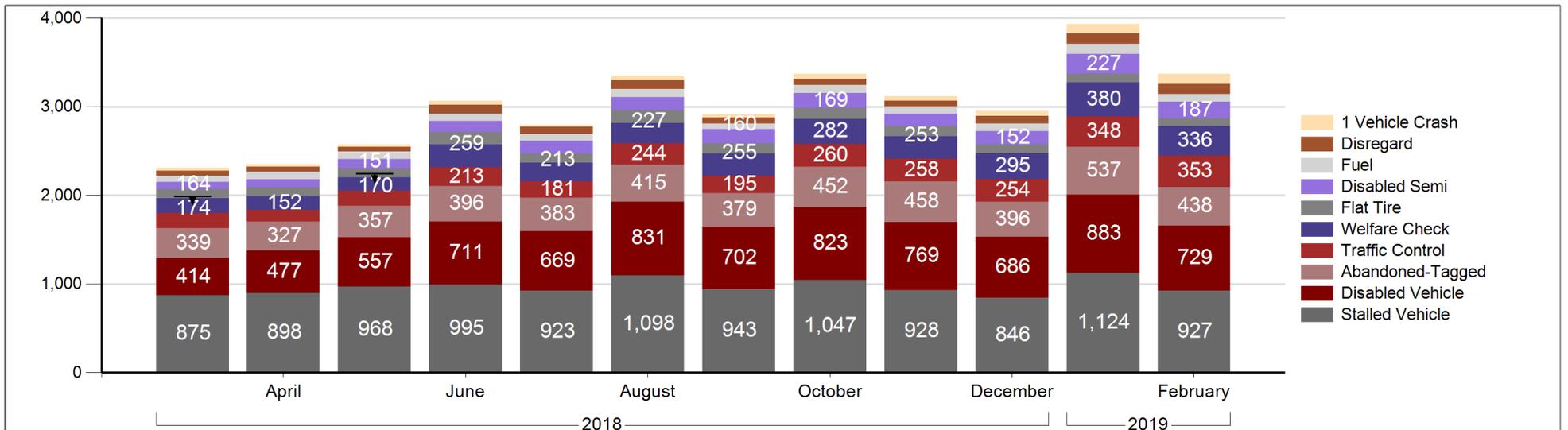
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	658	17%	51 min	344	39	8	87	16	156
Friday	657	17%	39 min	262	23	13	75	18	259
Monday	634	17%	1 hr 1 m	307	15	25	90	20	169
Tuesday	577	15%	53 min	284	26	11	68	25	159
Thursday	569	15%	1 hr 4 m	246	37	18	80	25	157
Sunday	437	12%	21 min	202	27	25	68	11	99
Saturday	250	7%	26 min	85	17	12	42	15	69
Total	3,782	100%	51 min	1,730	184	112	510	130	1,068



HIGHWAY HELPER RESPONSES

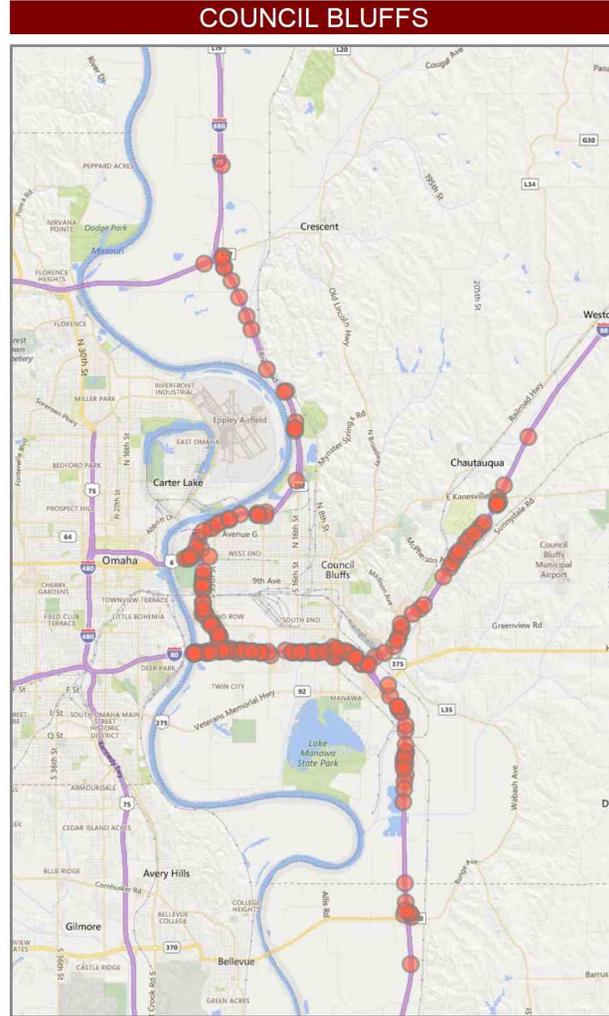
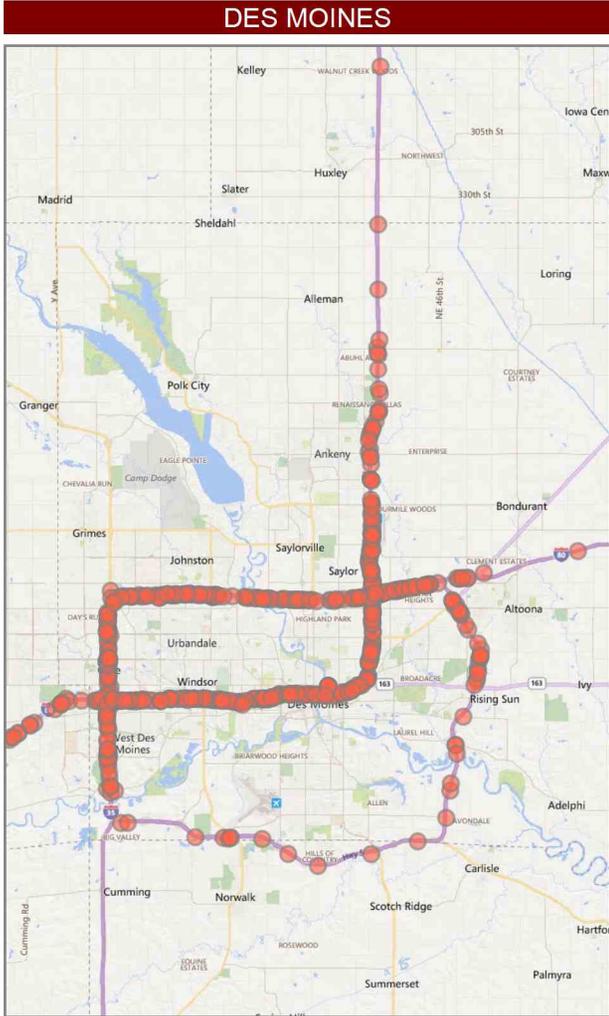
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	927	24%	13 min		473	190	264
Disabled Vehicle	729	19%	12 min		400	131	198
Abandoned-Tagged	442	12%	19 min		216	67	159
Traffic Control	391	10%	29 min		190	93	107
Welfare Check	338	9%	29 min		144	95	99
Disabled Semi	187	5%	15 min		70	53	64
Disregard	122	3%	18 min		90	8	24
Flat Tire	121	3%	6 min		51	37	33
1 Vehicle Crash	115	3%	45 min		47	26	41
Fuel	92	2%	4 min		55	9	28
Mechanical Repair	66	2%			28	24	14
2 Vehicle Crash	60	2%	33 min		38	6	16
Total	3,590	100%	29 min		1,802	739	1,047



HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

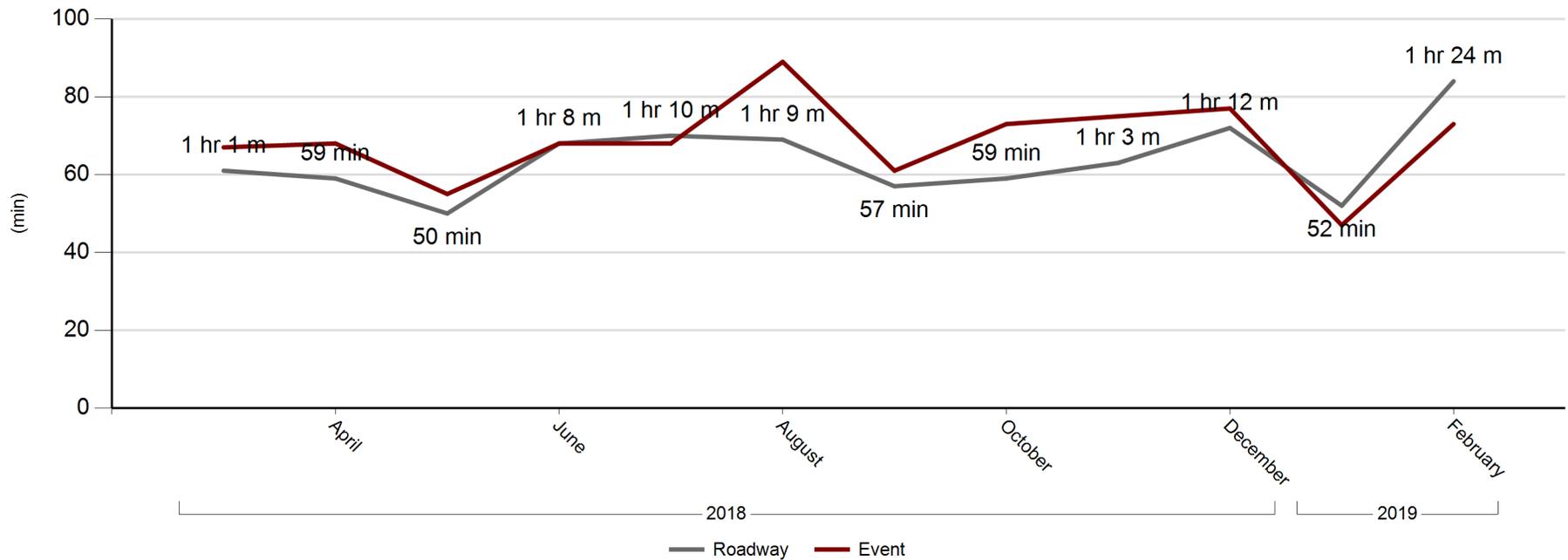


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total	District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 29 m	1 hr 4 m	3 hr 9 m	1 hr 53 m	1 hr 38 m	2 hr 23 m	1 hr 12 m
	Federal	1 hr 25 m	1 hr 20 m	1 hr 12 m	33 min	1 hr 1 m	3 hr 10 m	1 hr 35 m
	Interstate	1 hr 7 m	53 min	1 hr 5 m	45 min	1 hr 45 m	2 hr 4 m	1 hr
	State	3 hr 21 m	1 hr 53 m	8 hr 55 m	4 hr 54 m	40 min	42 min	54 min
Roadway	All	1 hr 24 m	1 hr 7 m	2 hr 32 m	1 hr 53 m	1 hr 35 m	2 hr 1 m	1 hr 4 m
	Federal	1 hr 16 m	1 hr 5 m	1 hr 27 m	33 min	1 hr 1 m	2 hr 24 m	1 hr 33 m
	Interstate	59 min	44 min	54 min	44 min	1 hr 43 m	1 hr 28 m	49 min
	State	3 hr 35 m	3 hr 30 m	5 hr 54 m	5 hr 1 m	35 min	1 hr 38 m	1 hr 15 m

All Roads (Interstate / Federal / State)

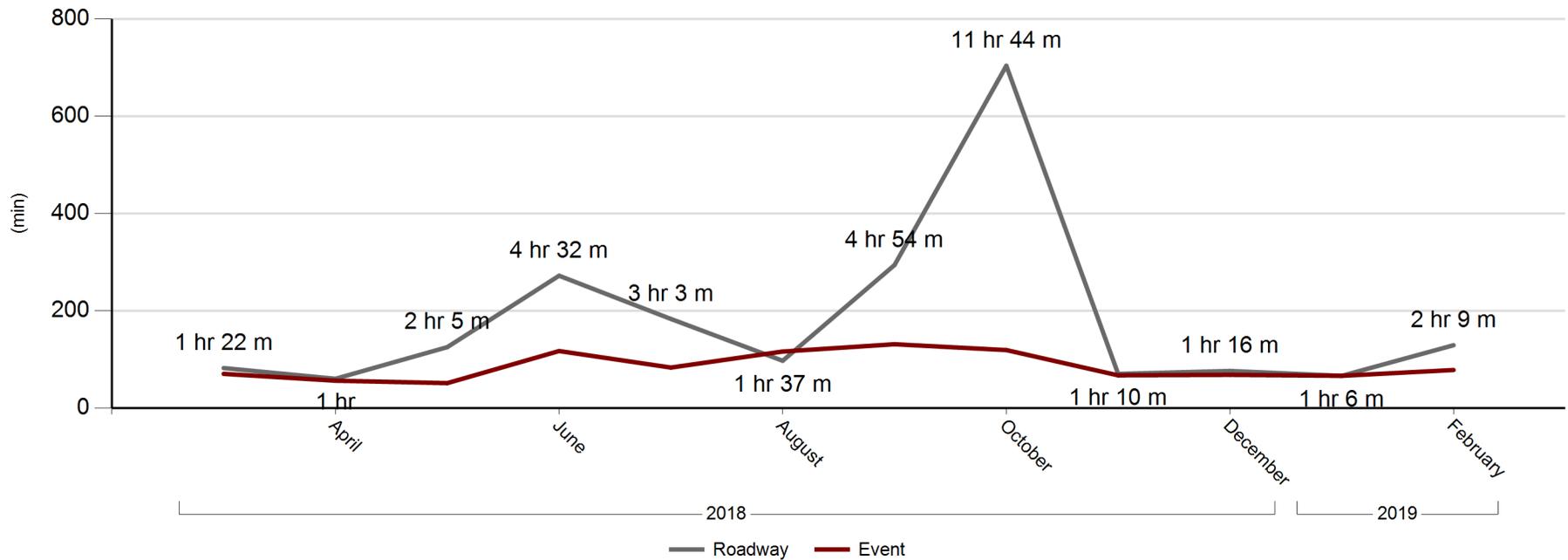


INCIDENT CLEARANCE TIMES (ALL TYPES)

Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total	District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 59 m	1 hr 57 m	2 hr 53 m	1 hr 43 m	1 hr 50 m	2 hours	1 hr 57 m
	Federal	1 hr 42 m	2 hr 58 m	1 hr 14 m	33 min	53 min	2 hr 39 m	1 hr 27 m
	Interstate	1 hr 52 m	1 hr 51 m	1 hr 5 m	1 hr 14 m	2 hr 1 m	1 hr 41 m	2 hr 1 m
	State	2 hr 57 m	1 hr 37 m	7 hr 15 m	3 hr 34 m	37 min	42 min	3 hr 3 m
Roadway	All	2 hr 9 m	1 hr 47 m	5 hr 21 m	3 hr 23 m	2 hr 6 m	1 hr 34 m	1 hr 14 m
	Federal	2 hr 54 m	2 hr 53 m	8 hr 15 m	2 hr 23 m	2 hr 30 m	1 hr 50 m	1 hr 36 m
	Interstate	1 hr 26 m	1 hr 3 m	4 hr 29 m	1 hr 12 m	2 hr 3 m	1 hr 23 m	53 min
	State	3 hr 46 m	4 hr 9 m	4 hr 7 m	5 hr 19 m	1 hr 23 m	1 hr 19 m	2 hr 30 m

All Roads (Interstate / Federal / State)



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 21 m)								
	02/24 07:50 AM	79112	IA-7			1	5 hr 31 m	Initial report of a single vehicle crash on IA-7 EB/WB at MM 2 in Aurelia.
	02/24 01:18 AM	79080	I-80			1	4 hr 10 m	Initial report of a single vehicle crash on I-80 WB at MM 117 (near Waukee).
	02/12 12:48 PM	77452	US-20			1	4 hr 39 m	Initial report of a single vehicle crash on US-20 WB at MM 270 (near Masonville).
	02/24 10:57 PM	79222	IA-15			1	21 hr 14 m	Initial report of a single vehicle crash on IA-15 at MM 13 (near West Bend).
	02/22 01:27 PM	78904	IA-17				1 day 5 hr 28 m	Initial report of an earlier crash on IA-17 NB at MM 7 (near Madrid).
	02/08 11:06 AM	76926	I-29			1	8 hr 36 m	Initial report of a single vehicle crash on I-29 SB at MM 54 in Council Bluffs.
	02/23 08:57 PM	79064	I-80			1	5 hr 11 m	Initial report of a single vehicle crash on I-80 WB at MM 48 (near Walnut).
2 Vehicle Crash (Avg Impact : 1 hr 30 m)								
	02/24 01:00 AM	79159	I-80			2	11 hr 38 m	Initial report of an earlier 2 vehicle crash on I-80 WB at MM 92 in Stuart.
	02/24 05:04 PM	79196	IA-9			2	1 day 19 hr 11 m	Initial report of a 2 vehicle crash on IA-9 WB/EB at MM 182 (near Manly).
3+ Vehicle Crash (Avg Impact : 1 hr 21 m)								
	02/23 12:08 AM	78979	I-380				3 hr 11 m	Initial report of a 3+ vehicle crash on I-380 SB at MM 60 (near Gilbertville).
	02/24 07:42 AM	79111	US-30				3 hr 56 m	Initial report of a 3+ vehicle crash on US-30 EB at MM 141 (near Luther).
	02/24 02:15 AM	79085	I-80			1	4 hr 24 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 101 (near Dexter).
	02/24 01:03 PM	79165	IA-150				4 hr 21 m	Initial report of a multiple crashes on IA-150 at between Fayette and West Union (near West Union).
	02/03 04:00 AM	76188	US-34	3	1	1	5 hr 30 m	Initial report of a 3+ vehicle crash on US-34 EB at MM 230 (near Westwood).
	02/24 01:19 PM	79167	I-35				4 hr 39 m	Initial report of a 3+ vehicle crash on I-35 SB at MM 101 (near Alleman).
	02/26 08:07 AM	79469	I-35			2	3 hr 24 m	Initial report of a 3+ vehicle crash on I-35 SB at MM 124 (near Story City).
Stalled Vehicle (Avg Impact : 1 hr)								
	02/24 03:59 AM	79092	I-80				2 hr 49 m	Initial report of a stalled vehicle on I-80 WB at MM 80 (near Casey).
	02/23 11:21 PM	79073	I-80				2 hr 47 m	Initial report of a stalled vehicle on I-80 WB at MM 78 (near Adair).
	02/24 09:30 AM	79126	IA-44				4 hr 46 m	Initial report of a stalled vehicle on IA-44 WB at MM 89 (near Minburn).
	02/12 11:07 PM	77560	IA-187				2 hr 30 m	Initial report of a stalled vehicle on IA-187 at MM 4 (near Lamont).
	02/24 09:08 AM	79124	I-35				4 hr 8 m	Initial report of a stalled vehicle on I-35 NB at MM 166 (near Coulter).
	02/24 02:05 PM	79173	IA-14			1	6 hr 45 m	Initial report of multiple vehicles stuck on IA 14 between US 20 and Grundy Center.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 1 hr)								
	02/24 07:13 AM	79107	US-20				5 hr 46 m	Initial report of a stalled vehicle on US-20 EB at MM 157 (near Williams).
	02/23 11:39 PM	79074	I-235				2 hr 47 m	Initial report of a stalled vehicle on I-235 EB at MM 10 in Des Moines.
	02/12 06:39 PM	77533	US-30				3 hr 54 m	Initial report of a stalled vehicles on US-30 in both directions at MM 211 (near Vining).
	02/13 01:10 AM	77567	IA-21				4 hr 5 m	Initial report of a stalled vehicle on IA-21 SB at MM 84 (near Dysart).
Vehicle Fire (Avg Impact : 1 hr 9 m)								
	02/01 10:18 PM	76142	I-29			1	4 hr 3 m	Initial report of a vehicle fire on I-29 NB at MM 5 (near Hamburg).
Winter Closure (Avg Impact : 16 hr 36 m)								
	02/24 12:35 AM	79079	I-35				1 day 16 hr 51 m	Initial report of a winter closure event on I-35 NB at MM 194 in Clear Lake.
	02/24 09:48 AM	79131	I-35				1 day 7 hours	Initial report of a winter closure event on I-35 in both directions between MM 112 and MM 191.