



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

November 2018

This report contains statistical and operational data for TMC activities from the period of November 01, 2018 to November 30, 2018.

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
October	November	October	November	October	November
2,740	2,724	19	10	227	248

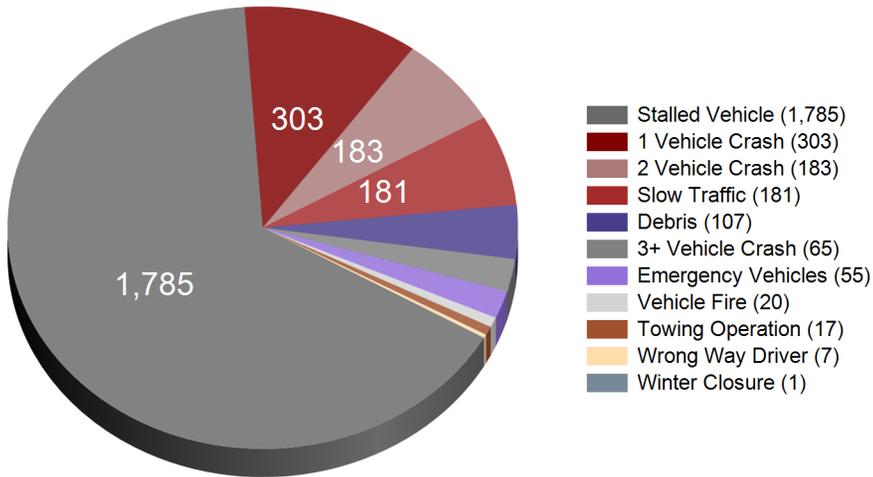
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
October	November	October	November	October	November
310	308	59 min	1 hr 3 m	1,246	1,127

* - excludes roadwork

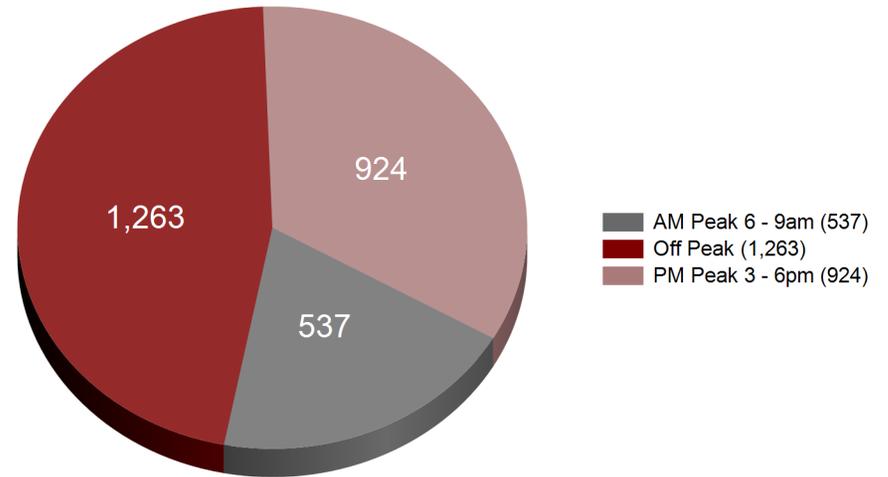
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

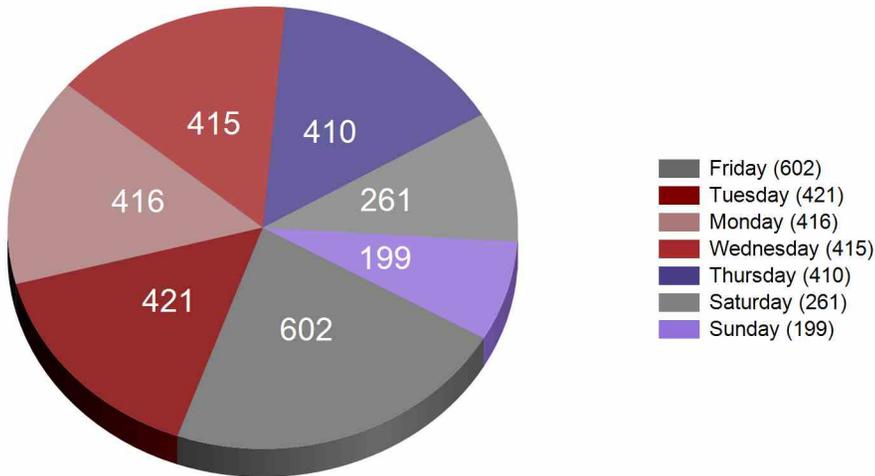
Incidents By Type



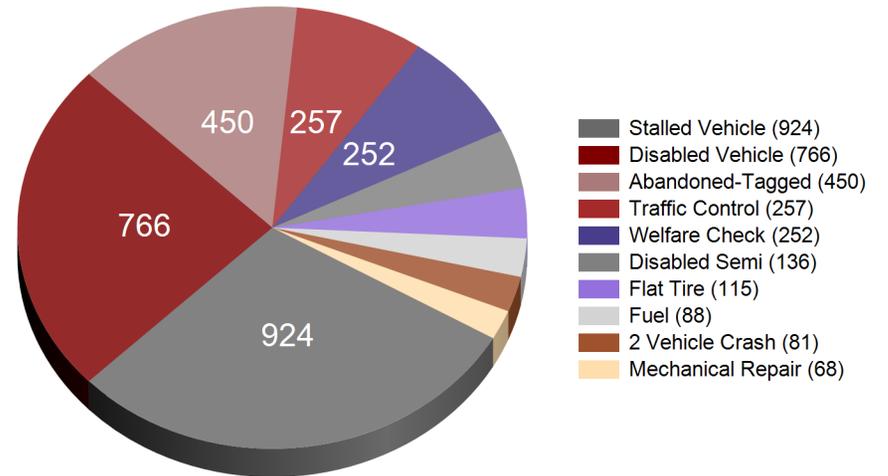
Incidents By Shift



Incidents By Day



Highway Helper Response

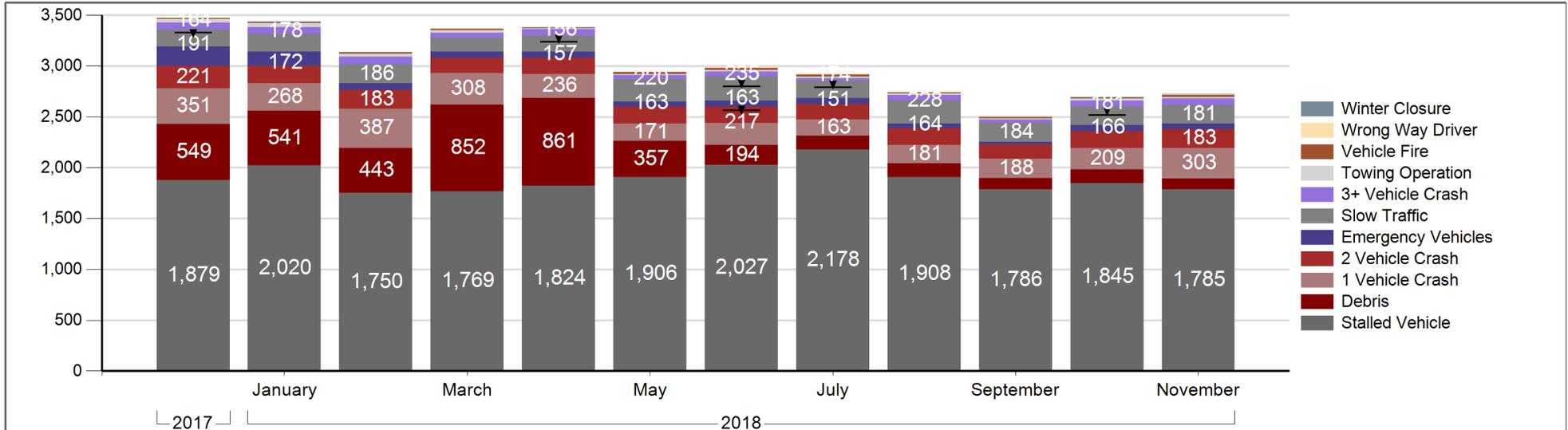


INCIDENT TOTALS BY TYPE

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	1,785	66%	47 min	855	28	30	241	61	570
1 Vehicle Crash	303	11%	1 hr 14 m	82	10	23	50	32	106
2 Vehicle Crash	183	7%	1 hr 1 m	88	11	10	10	14	50
Slow Traffic	181	7%		96	16	8	23	2	36
Debris	107	4%	32 min	37	12	10	15	5	28
3+ Vehicle Crash	65	2%	51 min	34	1	3	2	4	21
Emergency Vehicles	55	2%	1 hr 31 m	16	6	5	8	7	13
Vehicle Fire	20	1%	56 min	6	0	2	5	3	4
Towing Operation	17	1%	3 hr 40 m	3	1	1	2	4	6
Wrong Way Driver	7	0%		3	0	0	0	0	4
Winter Closure	1	0%	8 hr 12 m	0	0	0	1	0	0
Total	2,724	100%	1 hr 10 m	1,220	85	92	357	132	838

* - Totals include Highway Helper Incidents

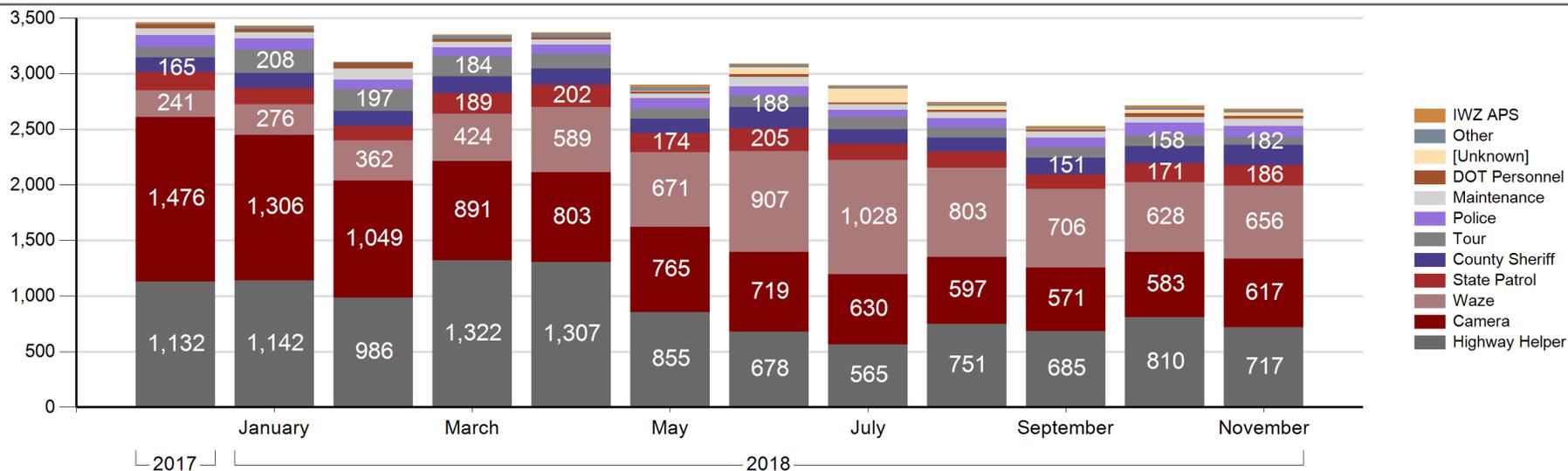


INCIDENT TOTALS BY DETECTION TYPE

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*
Highway Helper	717	26%	319	0	0	160	2	236
Waze	656	24%	307	19	11	61	36	222
Camera	617	23%	322	16	25	45	26	183
State Patrol	186	7%	66	7	10	41	25	37
County Sheriff	182	7%	35	17	30	23	22	55
Police	102	4%	55	8	6	8	5	20
Tour	71	3%	41	3	4	3	8	12
Maintenance	61	2%	17	2	3	2	5	32
[Unknown]	30	1%	14	1	1	2	0	12
DOT Personnel	25	1%	9	2	0	1	1	12
Other	21	1%	12	4	0	2	0	3
IWZ APS	14	1%	0	6	1	1	0	6
Total	2,682	100%	1,197	85	91	349	130	830

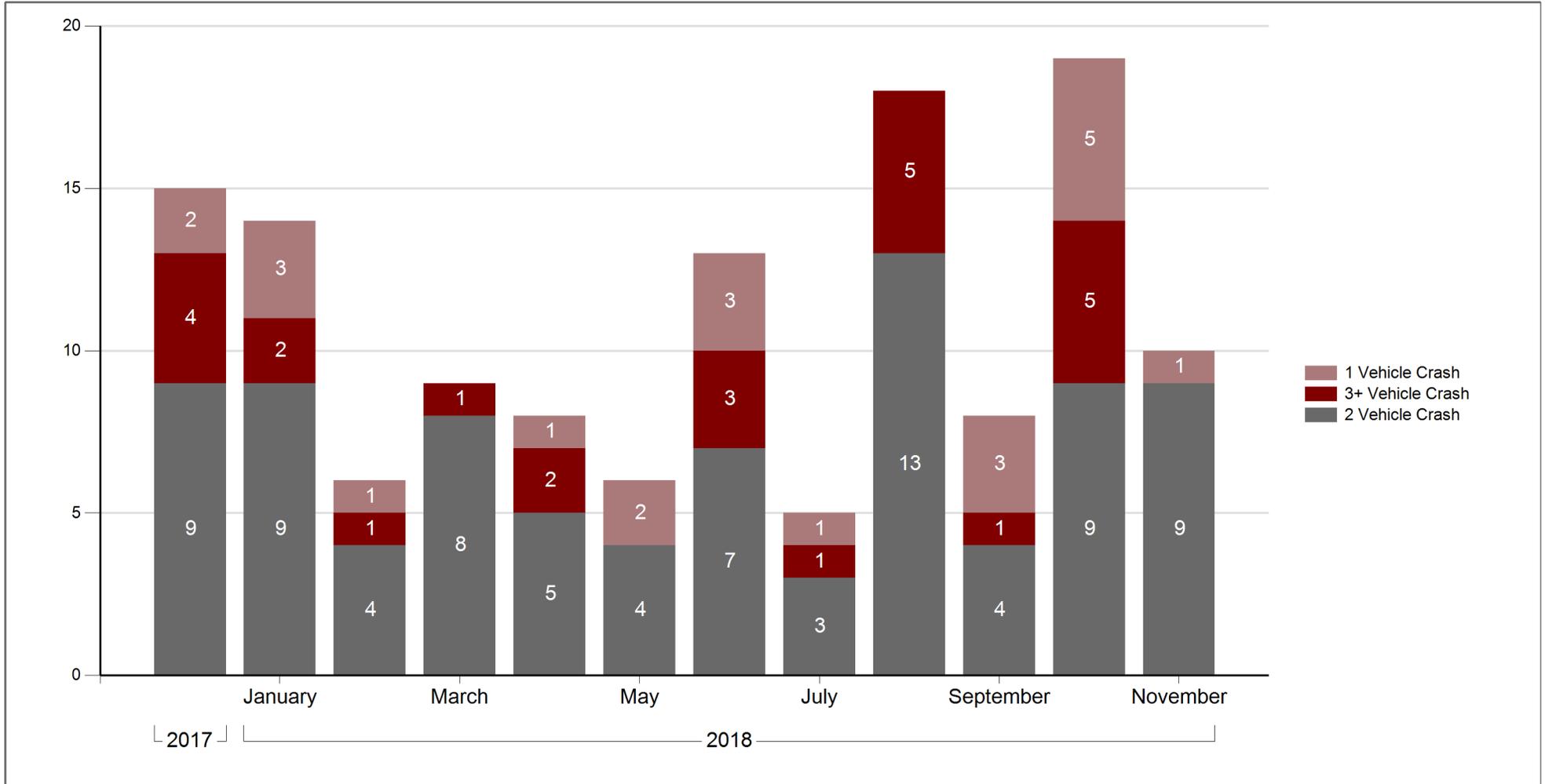
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

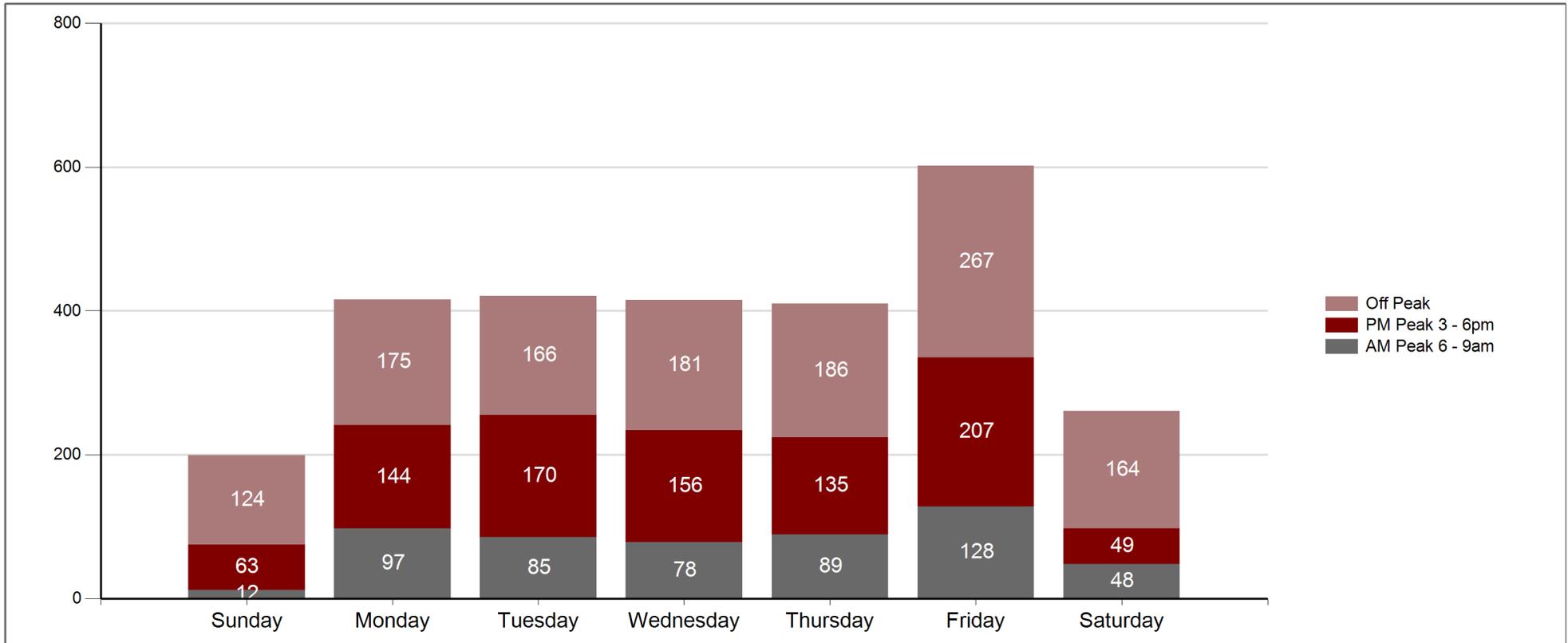
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	9	90%	35 min	7	1	0	0	0	1
1 Vehicle Crash	1	10%		0	0	0	0	1	0
Total	10	100%	35 min	7	1	0	0	1	1



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.

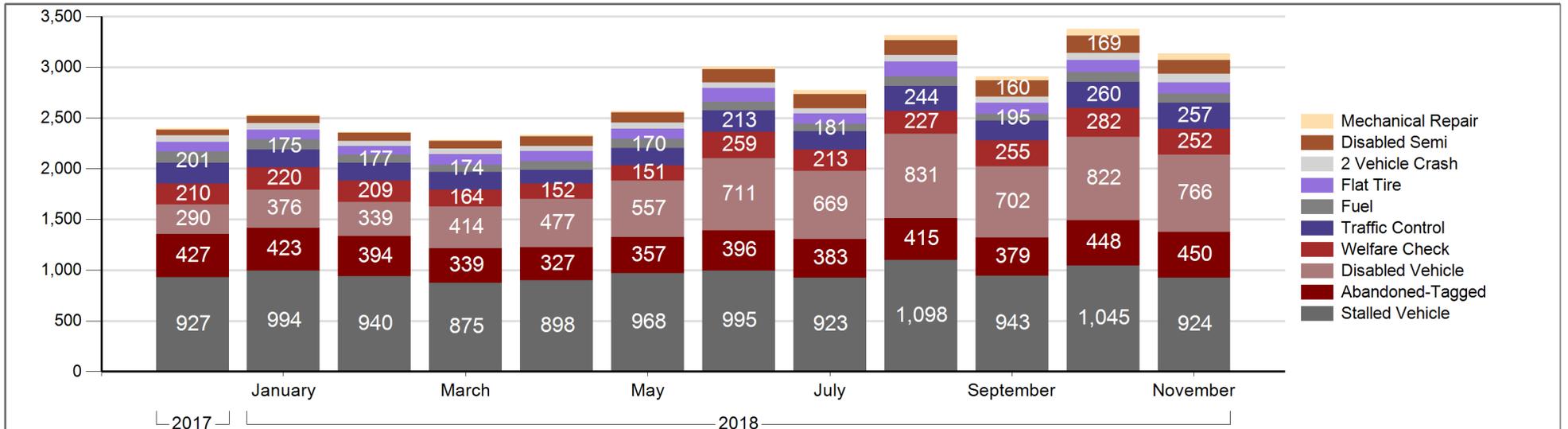
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	602	22%	1 hr 2 m	272	31	19	89	18	173
Tuesday	421	15%	49 min	200	9	6	57	13	136
Monday	416	15%	1 hr 2 m	205	6	8	49	21	127
Wednesday	415	15%	1 hr 8 m	193	9	24	51	16	122
Thursday	410	15%	1 hr 45 m	191	6	15	61	21	116
Saturday	261	10%	1 hr 6 m	95	17	14	32	21	82
Sunday	199	7%	1 hr 34 m	64	7	6	18	22	82
Total	2,724	100%	1 hr 2 m	1,220	85	92	357	132	838



HIGHWAY HELPER RESPONSES

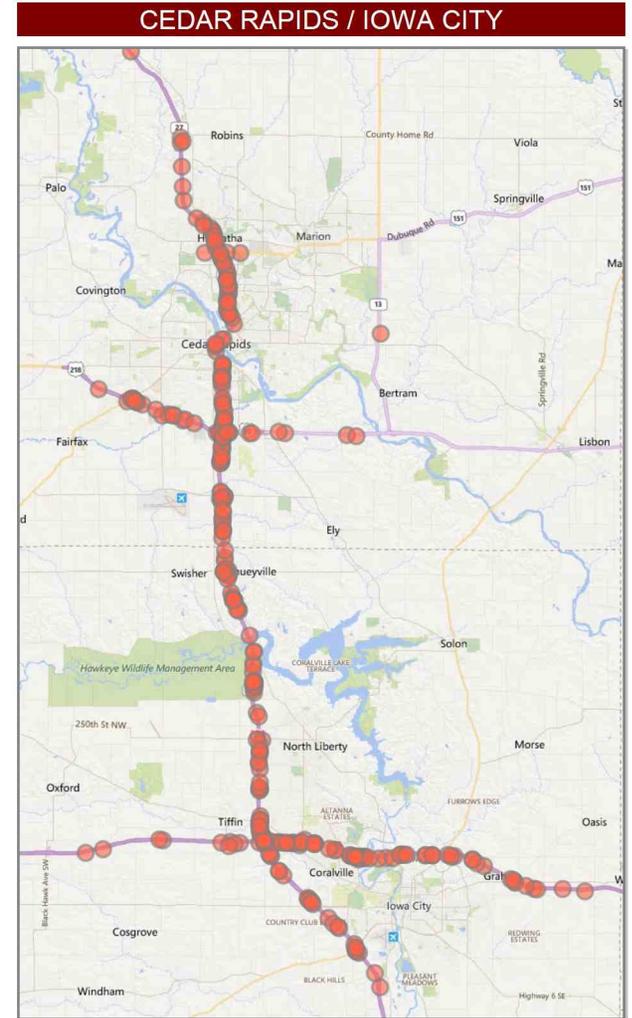
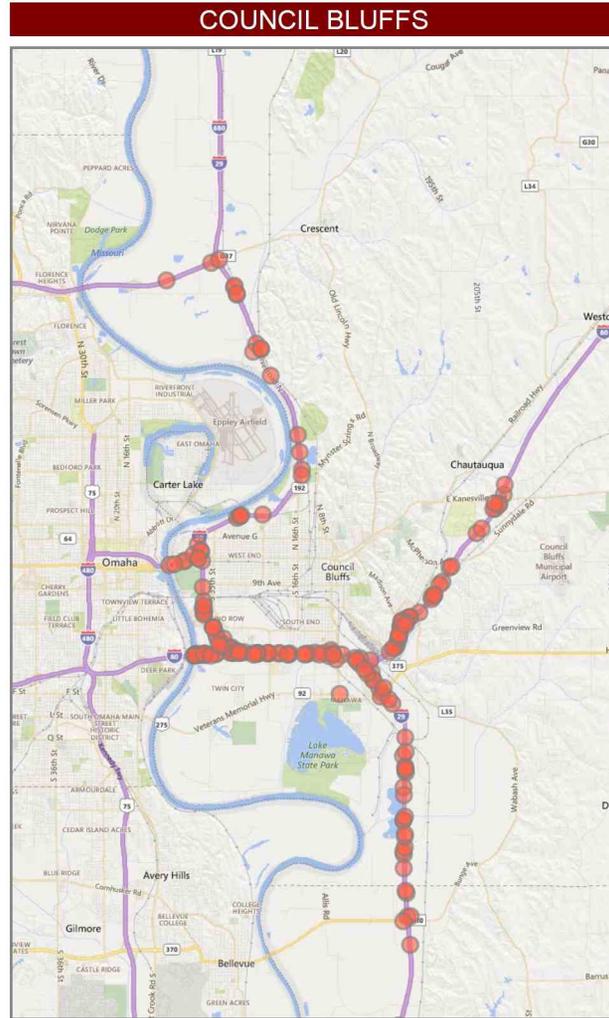
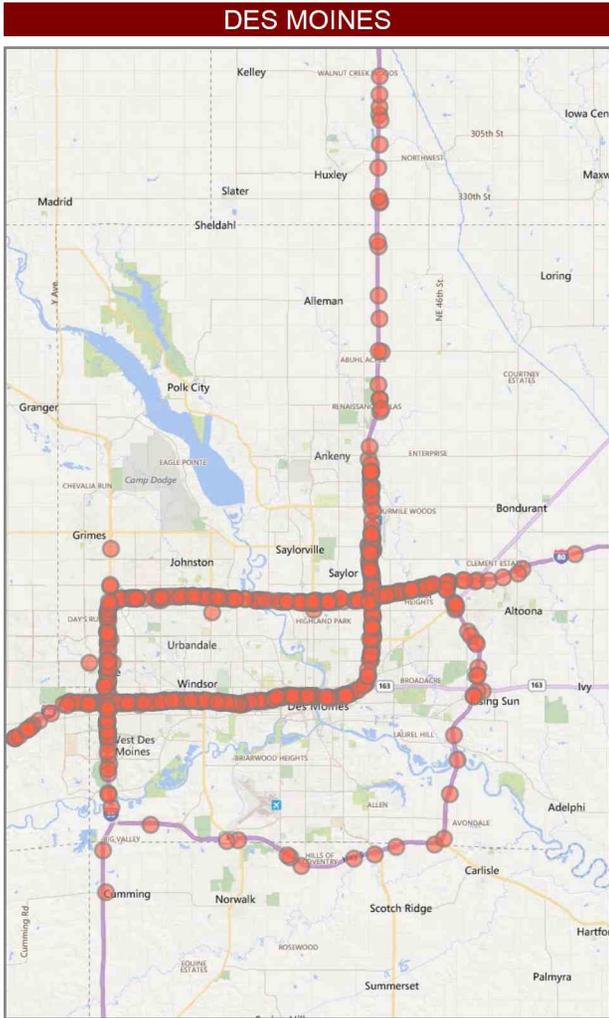
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	924	25%	36 min		453	167	303
Disabled Vehicle	766	21%	14 min		395	137	234
Abandoned-Tagged	455	12%	7 min		236	69	150
Traffic Control	290	8%	1 hr 13 m		152	49	89
Welfare Check	257	7%			111	61	85
Flat Tire	155	4%			70	36	49
Disabled Semi	136	4%	1 hr 9 m		53	20	62
Fuel	94	3%	6 min		42	16	36
2 Vehicle Crash	81	2%	24 min		53	5	23
Mechanical Repair	80	2%	5 hr 7 m		30	16	34
Disregard	70	2%	52 min		55	3	12
MA4 Vehicle Towed	57	2%	41 min		28	15	14
Total	3,365	100%	54 min		1,678	594	1,091



HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

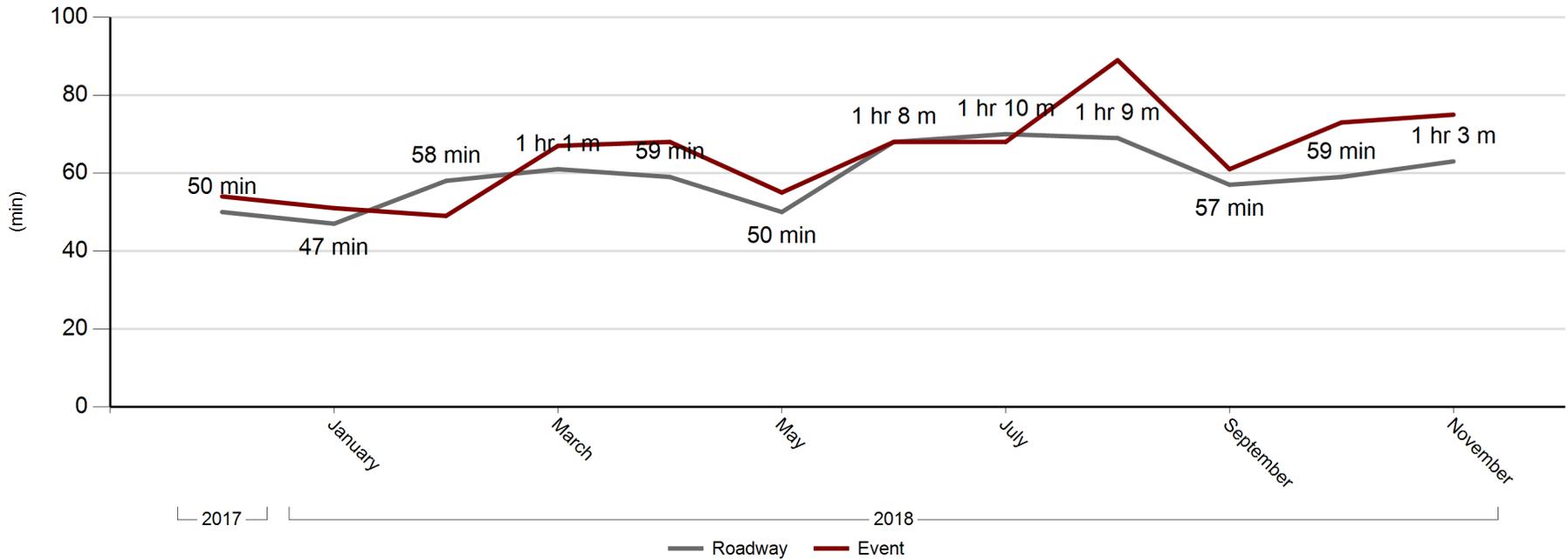


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 27 m	57 min	1 hr 47 m	1 hr 49 m	2 hr 11 m	1 hr 17 m	1 hr 40 m
	Federal	1 hr 45 m	1 hr 18 m	1 hr 21 m	54 min	26 min	1 hr 6 m	3 hr 15 m
	Interstate	1 hr 18 m	54 min	47 min	2 hr 57 m	2 hr 28 m	1 hr 26 m	1 hr 2 m
	State	1 hr 31 m	44 min	2 hr 36 m	2 hr 52 m		1 hr 22 m	1 hr
Roadway	All	1 hr 3 m	42 min	1 hr 22 m	1 hr 48 m	1 hr 42 m	1 hr 15 m	55 min
	Federal	59 min	1 hr 1 m	1 hr 17 m	52 min	25 min	1 hr 6 m	1 hr 2 m
	Interstate	1 hr	38 min	29 min	2 hr 57 m	1 hr 52 m	1 hr 31 m	46 min
	State	1 hr 26 m	34 min	2 hr 31 m	2 hr 51 m		1 hr 9 m	1 hr 35 m

All Roads (Interstate / Federal / State)

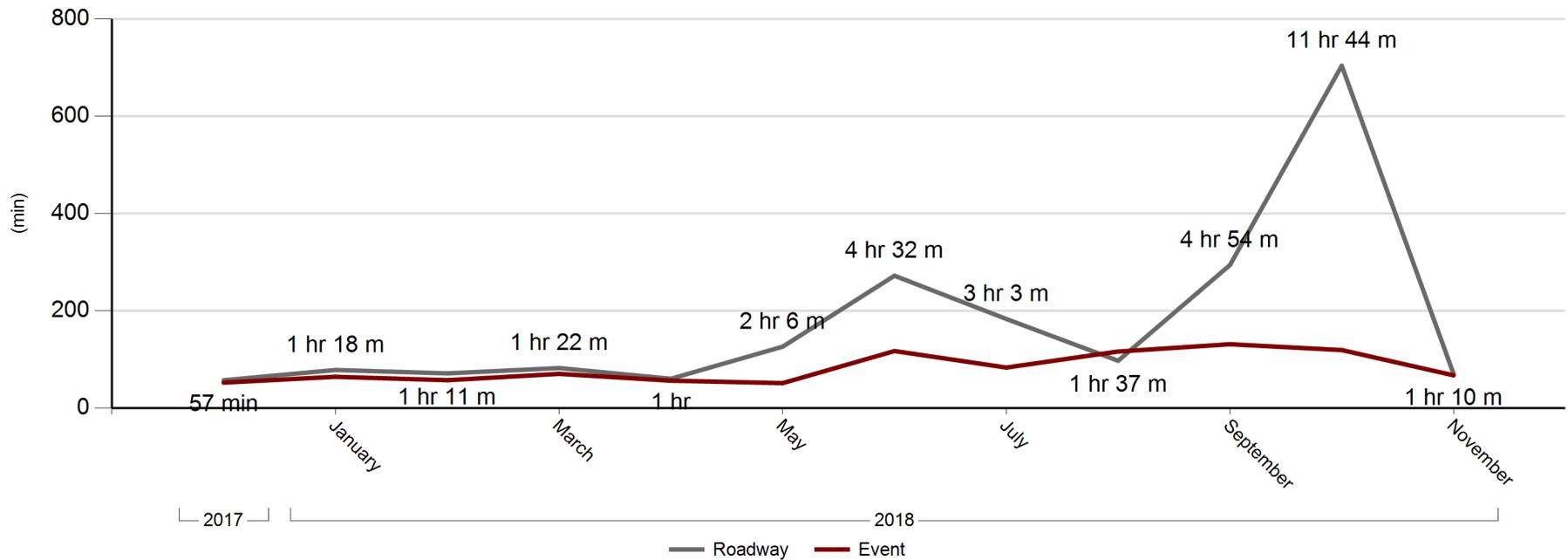


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 27 m	54 min	2 hr 34 m	2 hr 8 m	1 hr 36 m	1 hr 46 m	1 hr 31 m
	Federal	1 hr 42 m	1 hr 8 m	1 hr 21 m	1 hr 22 m	24 min	1 hr 16 m	2 hr 47 m
	Interstate	1 hr 17 m	52 min	2 hr 20 m	2 hr 57 m	1 hr 45 m	2 hr 45 m	1 hr 3 m
	State	1 hr 47 m	47 min	3 hr 12 m	3 hr 10 m		1 hr 9 m	48 min
Roadway	All	1 hr 10 m	45 min	2 hr 9 m	1 hr 45 m	1 hr 24 m	1 hr 31 m	1 hr 2 m
	Federal	1 hr 9 m	1 hr 13 m	1 hr 26 m	1 hr 16 m	35 min	1 hr 13 m	1 hr 6 m
	Interstate	1 hr 5 m	38 min	1 hr 6 m	2 hr 14 m	1 hr 32 m	2 hr 29 m	58 min
	State	1 hr 35 m	44 min	3 hr 23 m	2 hr 18 m		52 min	1 hr 15 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 14 m)								
	11/17 04:15 AM	66976	IA-76			1	4 hr 45 m	Initial report of a single vehicle crash on IA-76 SB at MM 11 (near Marquette).
	11/08 07:39 PM	66024	I-29		1		4 hr 20 m	Initial report of a single vehicle crash on I-29 SB at MM 9 (near Hamburg).
	11/18 06:08 AM	67065	I-29			1	5 hr 6 m	Initial report of a single vehicle crash on I-29 SB at MM 113 (near Onawa).
	11/16 06:40 AM	66813	I-35	1			4 hr 2 m	Initial report of a single vehicle crash on I-35 SB at MM 91 in Ankeny.
	11/01 05:06 PM	65346	I-480			1	17 hr 34 m	Initial report of a single vehicle crash on I-480 EB in Council Bluffs.
2 Vehicle Crash (Avg Impact : 1 hr 1 m)								
	11/28 01:47 AM	68940	US-20	1			6 hr 58 m	Initial report of a 2 vehicle crash on US-20 EB at MM 320 in Dubuque.
	11/18 05:29 PM	68097	I-29		5		4 hr 24 m	Initial report of a 2 vehicle crash on I-29 SB at MM 9 (near Hamburg).
	11/15 09:30 PM	66794	IA-1	2	1		3 hr 30 m	Initial report of a 2 vehicle crash on IA-1 SB at MM 96 (near Solon).
	11/21 11:10 PM	68415	I-29	2	1		3 hr 6 m	Initial report of a 2 vehicle crash on I-29 NB at MM 105 (near Blencoe).
	11/19 08:23 AM	68126	IA-60		1	1	4 hr 30 m	Initial report of a 2 vehicle crash on IA-60 EB at MM 20 (near Hospers).
	11/09 10:42 PM	66241	US-30	1		1	5 hr 36 m	Initial report of a 2 vehicle crash on US-30 WB at MM 211 (near Vining).
3+ Vehicle Crash (Avg Impact : 51 min)								
	11/17 06:53 PM	67051	IA-14				2 hr 29 m	Initial report of a 3+ vehicle crash on IA-14 NB at MM 23 (near Williamson).
	11/10 03:10 AM	66246	I-35	1	1		3 hr 17 m	Initial report of a 4 vehicle crash on I-35 SB at MM 87 (near Saylorville).
	11/20 04:05 PM	68251	I-80				2 hr 19 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 1 in Council Bluffs.
Emergency Vehicles (Avg Impact : 1 hr 31 m)								
	11/16 01:08 PM	66871	IA-188				4 hr 31 m	Initial report of an emergency repair of a railroad crossing on IA-188 at MM 2 in Clarksville.
	11/29 12:42 PM	69088	US-20				6 hr 23 m	Initial report of an emergency vehicles event on US-20 WB at MM 316 in Dubuque.
Stalled Vehicle (Avg Impact : 47 min)								
	11/26 03:35 AM	68680	US-34				2 hr 13 m	Initial report of a stalled vehicle on US-34 WB at MM 132 (near Lucas).
	11/28 12:49 PM	68993	IA-12			2	2 hr 14 m	Initial report of multiple semis stuck blocking the road due to ice on IA-12 at MM 37 (near Akron).
	11/01 06:06 PM	65355	I-80			1	5 hr 7 m	Initial report of a stalled vehicle on I-80 EB at MM 123 in West Des Moines.
	11/30 11:26 PM	69238	US-6			1	2 hr 2 m	Initial report of a stalled vehicle on US-6 WB at MM 16 (near Treynor).
	11/25 09:22 PM	68671	I-80			1	2 hr 15 m	Initial report of a stalled vehicle on I-80 WB at MM 284 in Walcott.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 47 min)								
	11/28 12:23 PM	68988	IA-10			1	2 hr 27 m	Initial report of a stalled vehicle on IA-10 EB at MM 7 (near Hawarden).
Vehicle Fire (Avg Impact : 56 min)								
	11/14 02:00 PM	66632	US-20			1	3 hr 20 m	Initial report of a vehicle fire on US-20 WB at MM 90 (near Jolley).