



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

July 2019

This report contains statistical and operational data for TMC activities from the period of July 01, 2019 to July 31, 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
June	July	June	July	June	July
3,428	3,407	5	8	202	192

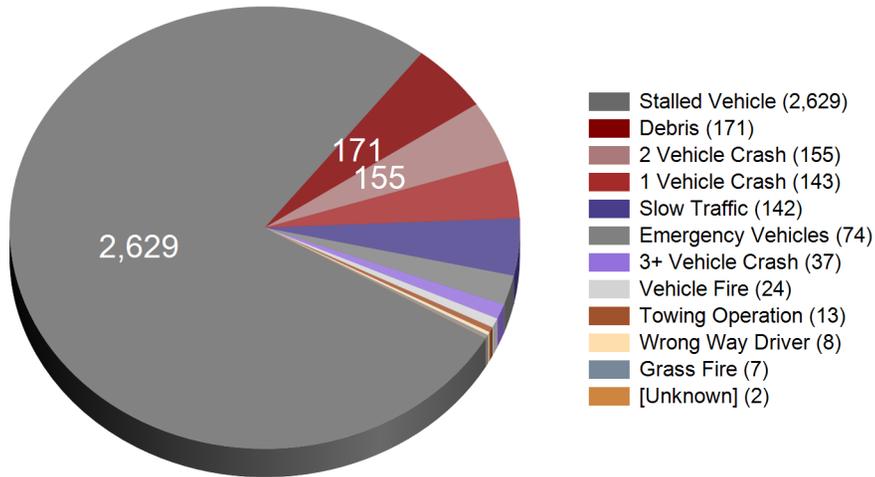
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
June	July	June	July	June	July
358	323	1 hr 1 m	59 min	1,265	1,416

* - excludes roadwork

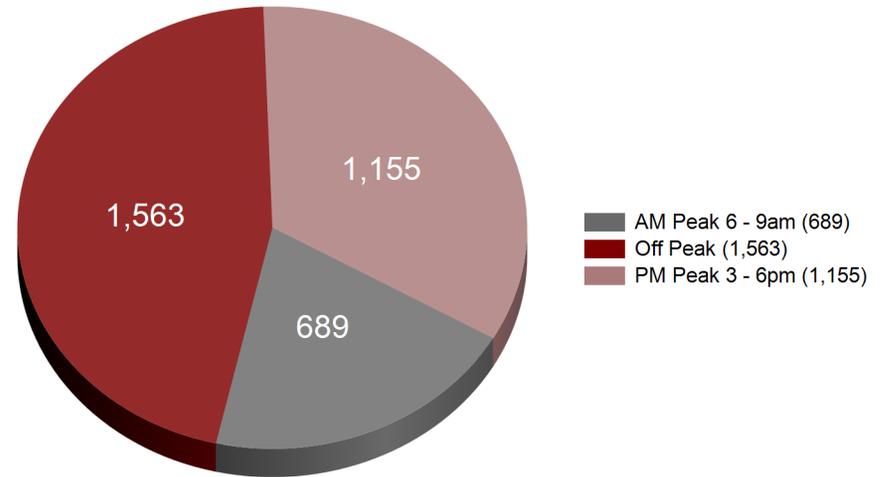
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

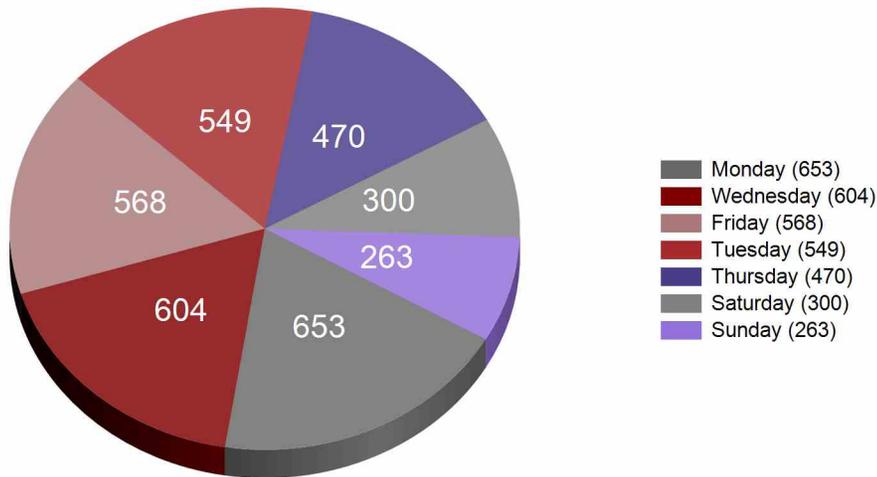
Incidents By Type



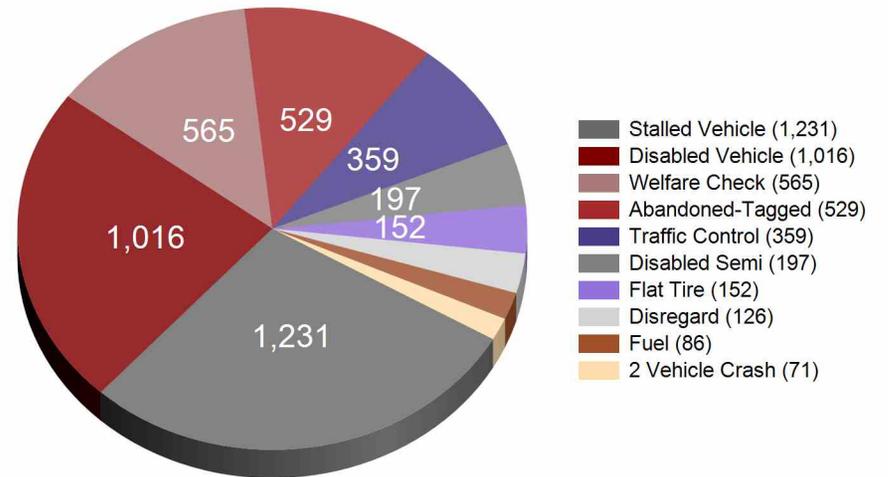
Incidents By Shift



Incidents By Day



Highway Helper Response

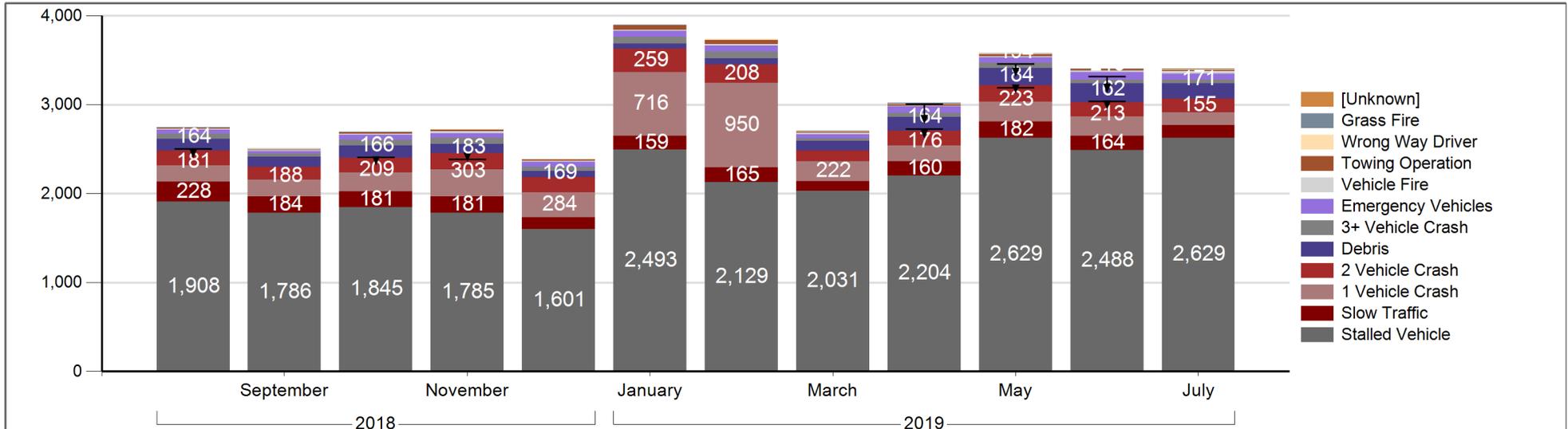


INCIDENT TOTALS BY TYPE

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	2,629	77%	40 min	1,189	47	39	448	65	793
Debris	171	5%	1 hr 28 m	57	17	17	19	14	47
2 Vehicle Crash	155	5%	52 min	84	4	6	22	6	33
1 Vehicle Crash	143	4%	1 hr 10 m	60	4	7	26	8	38
Slow Traffic	142	4%	5 min	90	14	6	16	2	14
Emergency Vehicles	74	2%	2 hr 35 m	18	3	5	7	11	28
3+ Vehicle Crash	37	1%	50 min	22	1	2	5	1	6
Vehicle Fire	24	1%	1 hr 9 m	7	2	2	3	0	10
Towing Operation	13	0%	5 hr 48 m	6	0	0	3	2	2
Wrong Way Driver	8	0%		2	0	0	2	0	3
Grass Fire	7	0%	10 min	2	0	0	1	0	4
[Unknown]	2	0%	14 hr 31 m	0	0	0	0	0	2
Total	3,405	100%	1 hr 30 m	1,537	92	84	552	109	980

* - Totals include Highway Helper Incidents

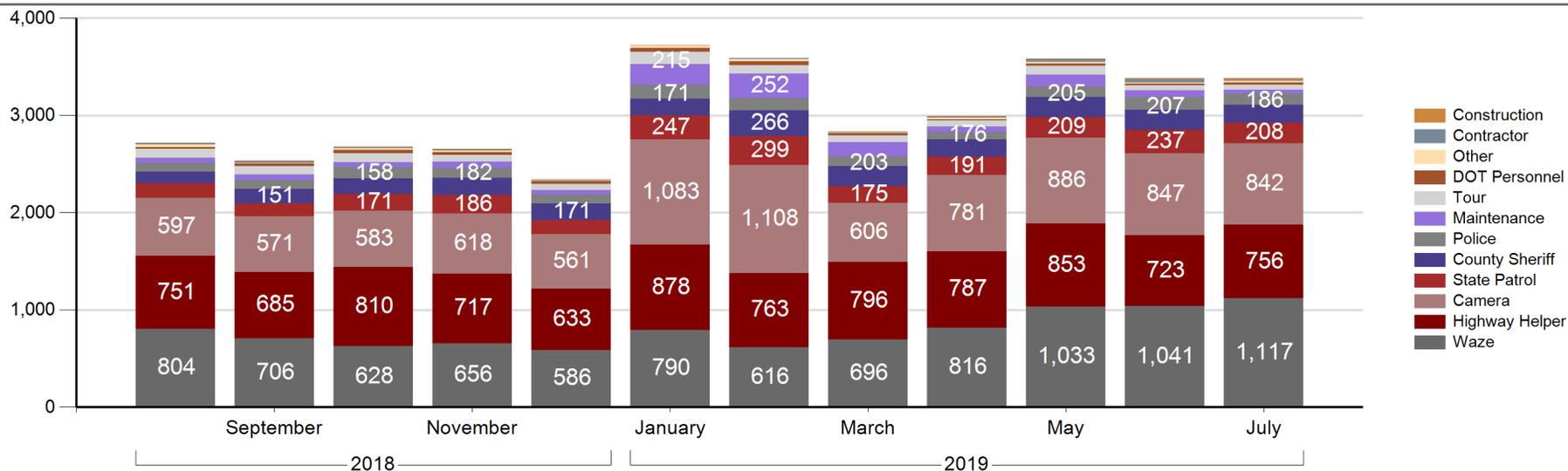


INCIDENT TOTALS BY DETECTION TYPE

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*
Waze	1,117	33%	558	26	31	116	28	342
Camera	842	25%	445	24	13	113	26	193
Highway Helper	756	22%	258	0	0	225	2	269
State Patrol	208	6%	103	2	3	49	17	34
County Sheriff	186	5%	34	23	24	27	15	62
Police	114	3%	66	3	10	2	1	32
Tour	50	1%	18	2	2	10	2	12
Other	46	1%	18	10	1	2	4	11
Maintenance	39	1%	15	0	1	3	5	15
DOT Personnel	23	1%	8	1	0	3	2	9
Construction	14	0%	9	0	0	1	4	0
Contractor	12	0%	6	1	0	1	3	1
Total	3,407	100%	1,538	92	85	552	109	980

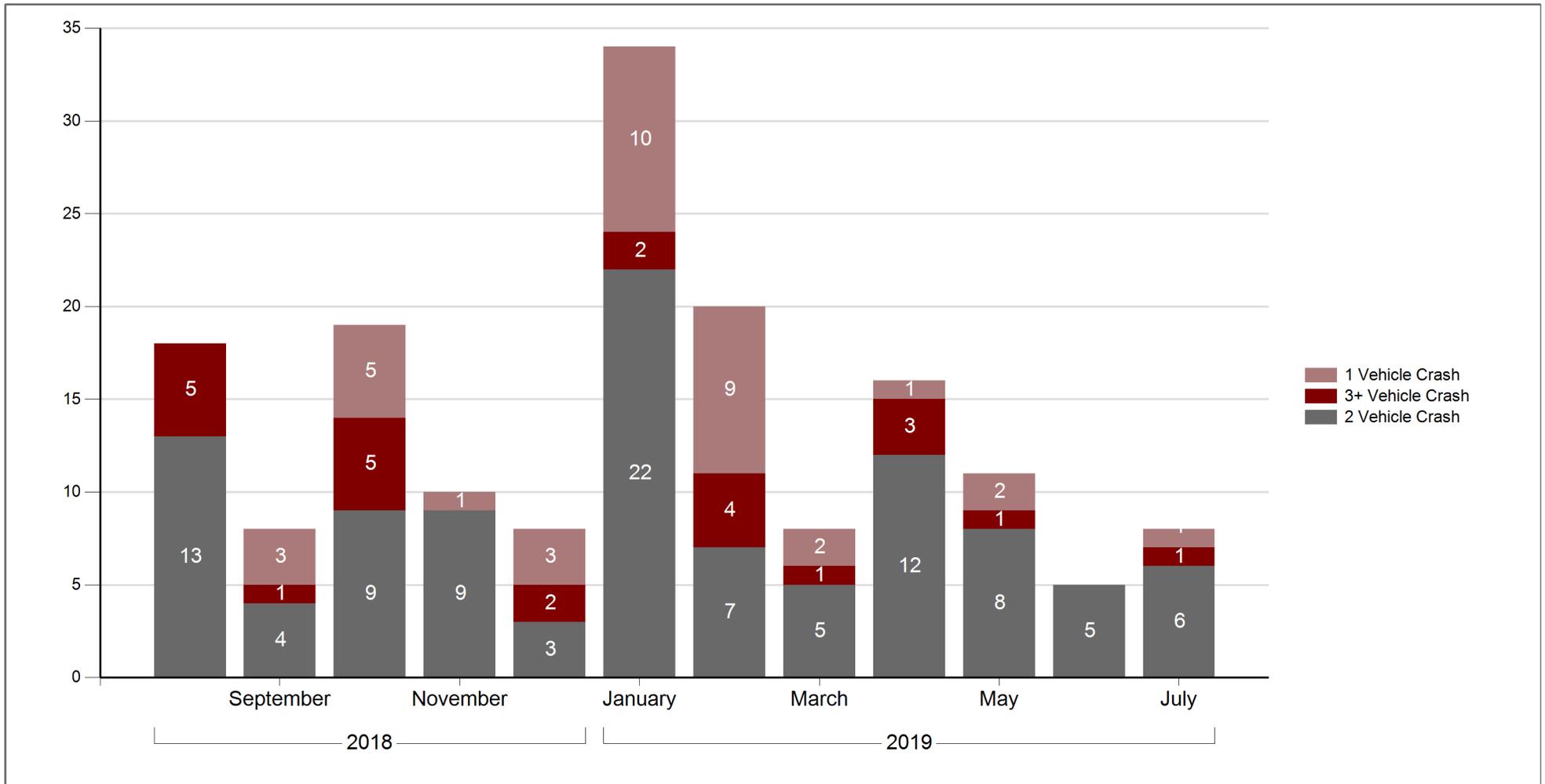
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

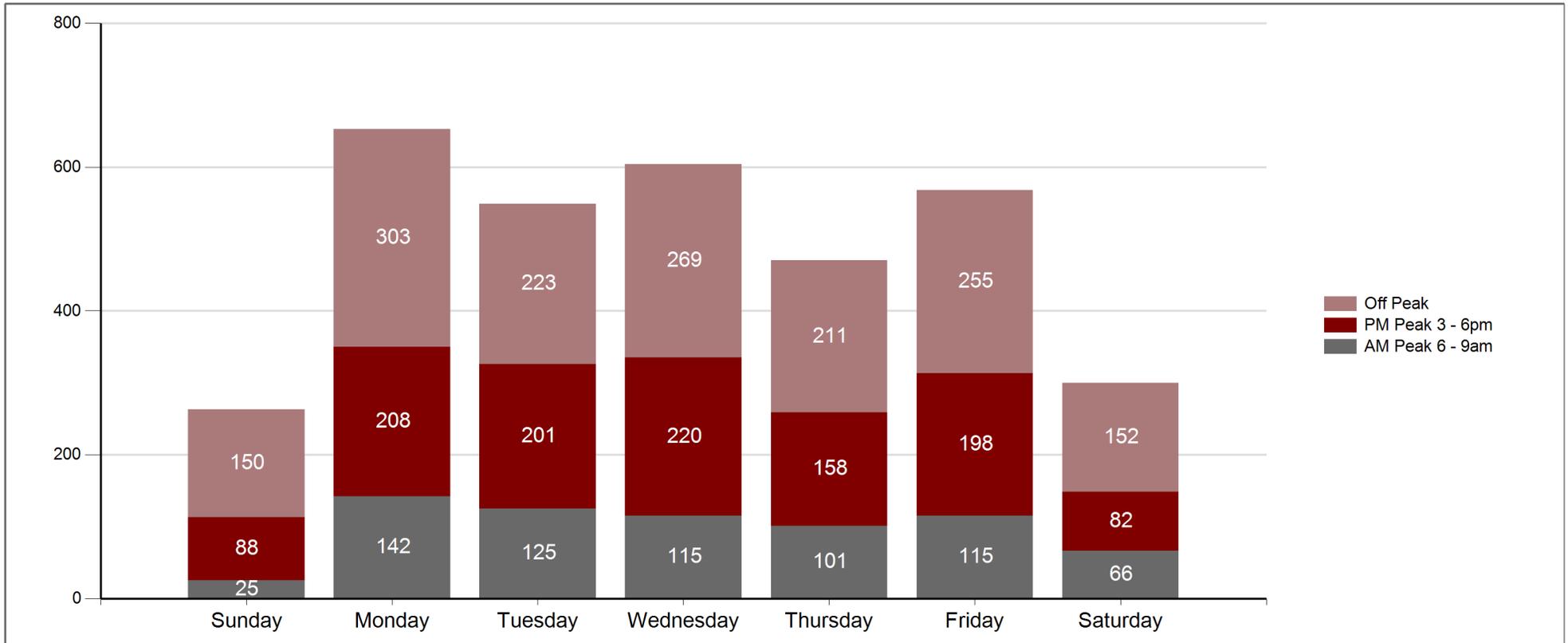
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	6	75%	1 hr 3 m	2	0	0	1	0	3
1 Vehicle Crash	1	13%	26 min	0	0	0	0	0	1
3+ Vehicle Crash	1	13%		0	0	0	1	0	0
Total	8	100%	56 min	2	0	0	2	0	4



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.

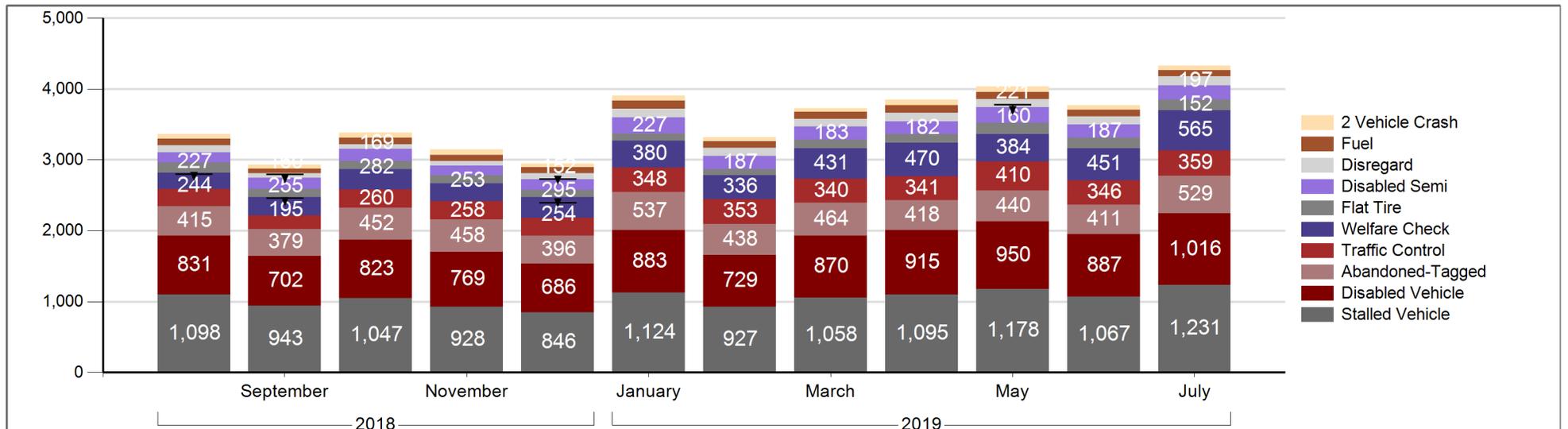
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Monday	653	19%	2 hr 17 m	307	13	7	111	26	182
Wednesday	604	18%	1 hr 29 m	259	12	14	103	16	190
Friday	568	17%	43 min	252	22	19	92	13	160
Tuesday	549	16%	1 hr 28 m	253	8	18	79	13	168
Thursday	470	14%	1 hr 36 m	222	14	8	81	14	126
Saturday	300	9%	1 hr 45 m	127	15	10	44	23	77
Sunday	263	8%	41 min	118	8	9	42	4	77
Total	3,407	100%	2 hr 17 m	1,538	92	85	552	109	980



HIGHWAY HELPER RESPONSES

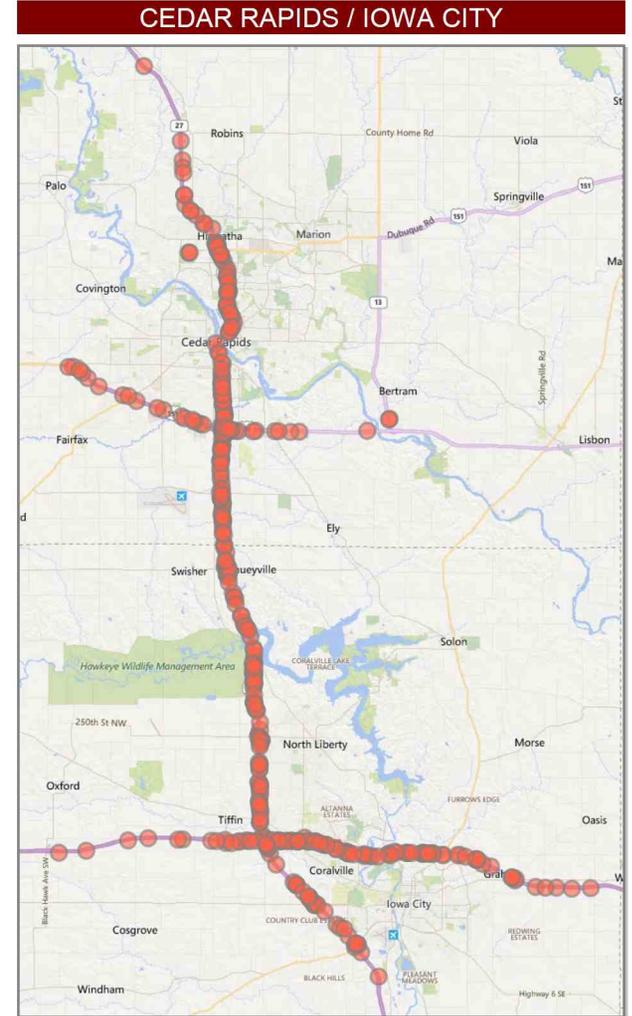
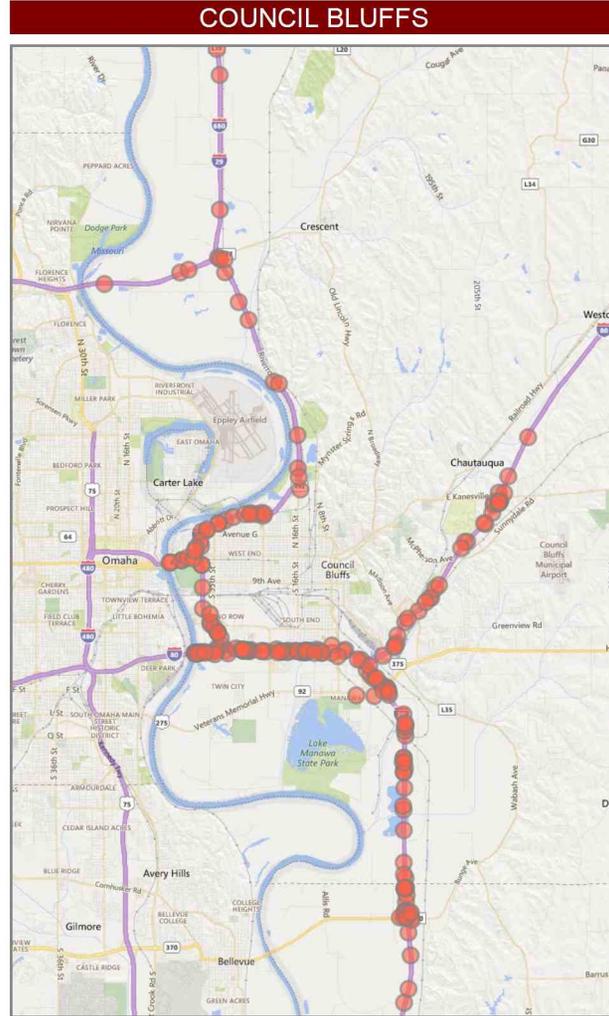
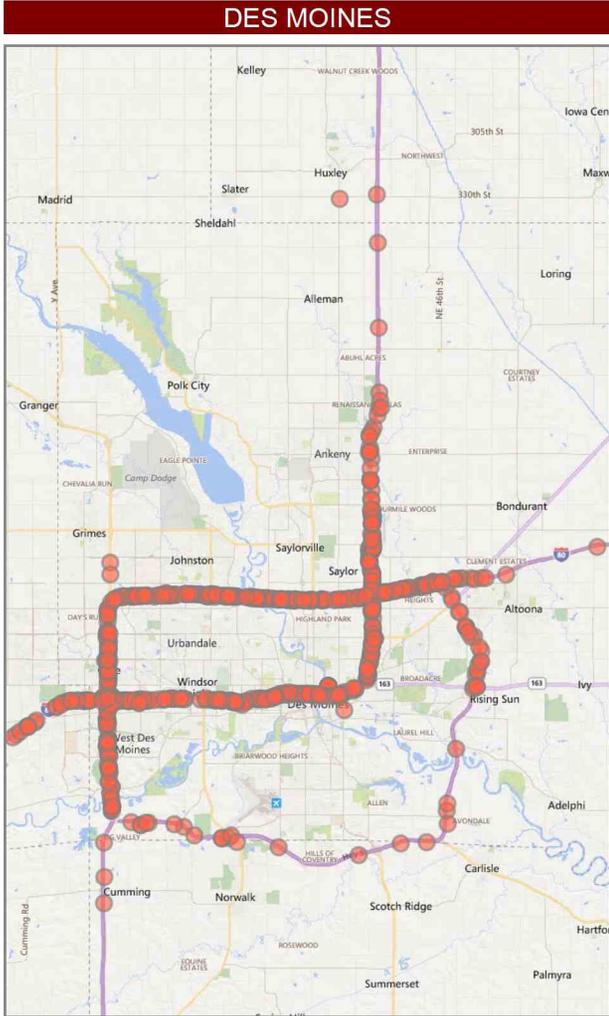
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	1,231	25%	33 min	550	279	398
Disabled Vehicle	1,016	21%	19 min	474	224	314
Welfare Check	567	12%	22 min	245	136	185
Abandoned-Tagged	530	11%	16 min	254	119	154
Traffic Control	391	8%	34 min	147	106	137
Flat Tire	212	4%	17 min	84	54	74
Disabled Semi	197	4%	1 hr 2 m	71	53	73
Disregard	138	3%	14 min	84	16	38
Debris	101	2%	35 min	43	21	37
Fuel	99	2%	22 min	44	27	27
2 Vehicle Crash	71	1%	28 min	49	8	14
Mechanical Repair	66	1%		20	13	30
Total	4,619	100%	36 min	2,065	1,056	1,481



HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

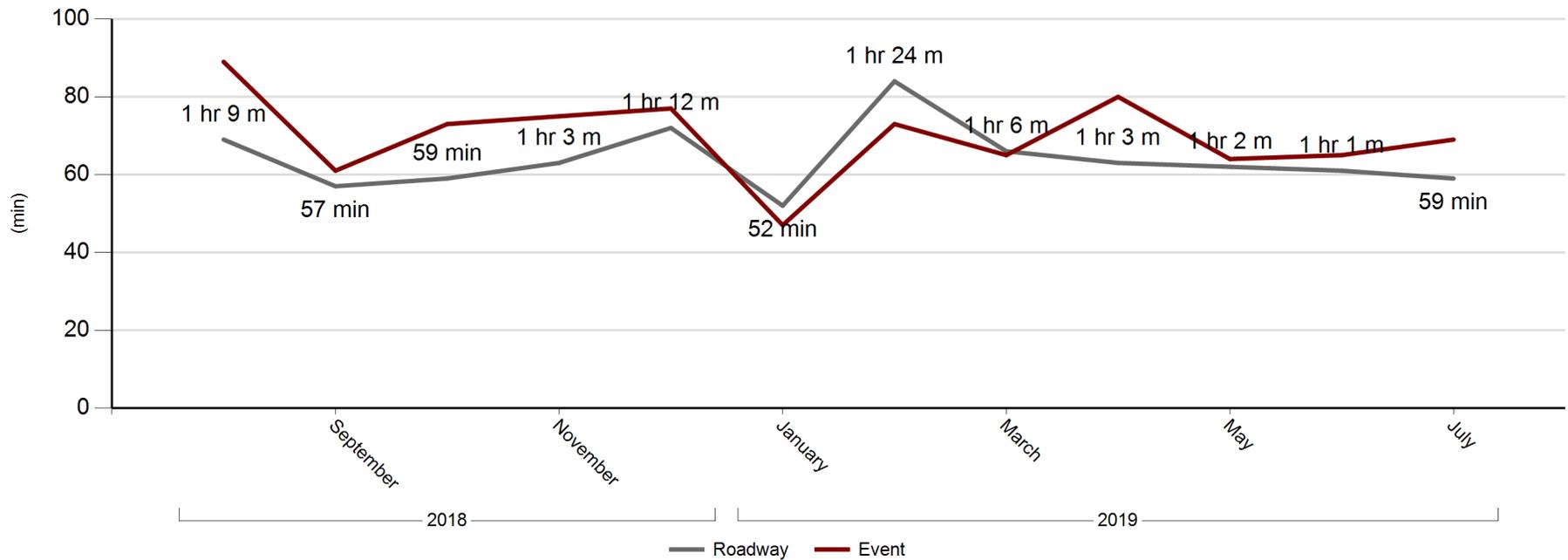


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 12 m	1 hr 9 m	1 hr 23 m	56 min	1 hr 7 m	2 hr 37 m	1 hr 11 m
	Federal	1 hr 24 m	2 hr 4 m	5 min	46 min	43 min	1 hr 48 m	1 hr 18 m
	Interstate	1 hr	50 min	46 min	43 min	1 hr 10 m		1 hr 12 m
	State	1 hr 50 m	2 hr 53 m	2 hr 14 m	1 hr 6 m		3 hr 51 m	53 min
Roadway	All	59 min	53 min	1 hr 25 m	59 min	45 min	2 hr 36 m	59 min
	Federal	1 hr 22 m	2 hr 4 m	14 min	1 hr 27 m	43 min	1 hr 47 m	1 hr 5 m
	Interstate	42 min	32 min	46 min	42 min	45 min		58 min
	State	1 hr 40 m	2 hr 49 m	2 hr 14 m	43 min		3 hr 50 m	51 min

All Roads (Interstate / Federal / State)

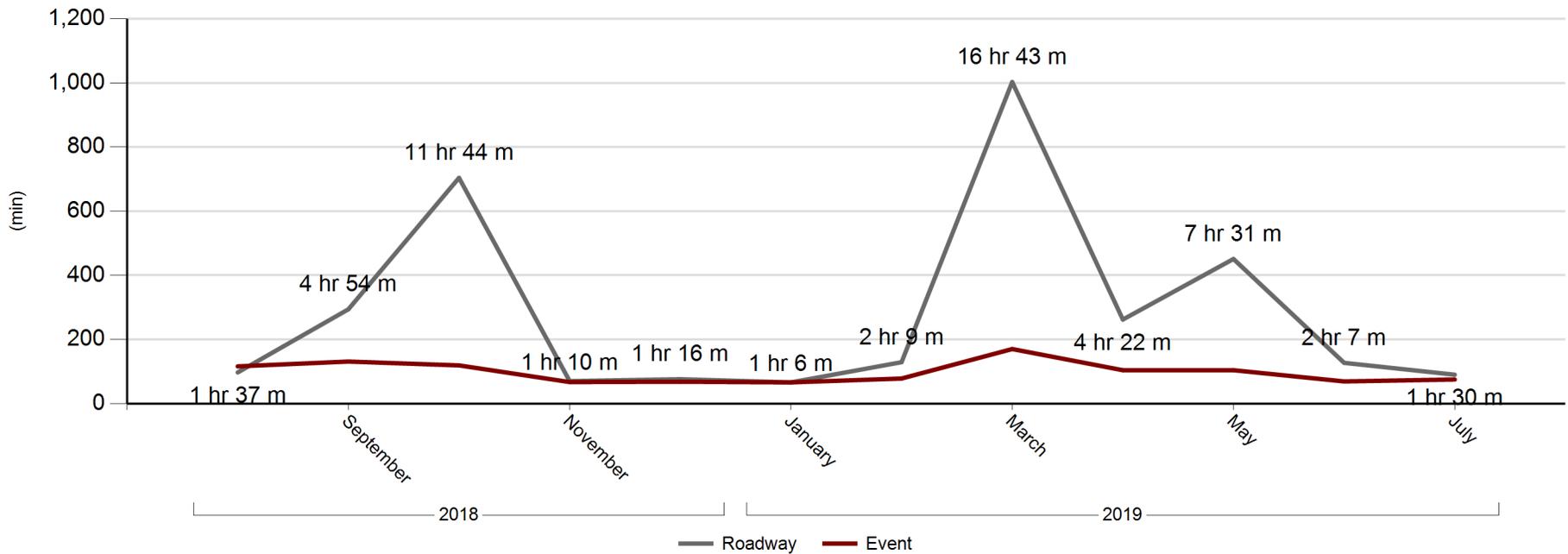


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 37 m	1 hr 38 m	1 hr 11 m	1 hr 9 m	1 hr 12 m	4 hr 51 m	1 hr 19 m
	Federal	1 hr 58 m	1 hr 30 m	21 min	1 hr 44 m	32 min	5 hr 17 m	1 hr 25 m
	Interstate	1 hr 25 m	1 hr 36 m	46 min	36 min	1 hr 16 m		1 hr 19 m
	State	2 hr 7 m	2 hr 23 m	1 hr 41 m	1 hr 4 m		4 hr 24 m	1 hr 11 m
Roadway	All	1 hr 30 m	1 hr 6 m	1 hr 7 m	58 min	58 min	6 hr 20 m	1 hr 30 m
	Federal	2 hr 3 m	1 hr 29 m	25 min	1 hr 27 m	1 hr 17 m	4 hr 46 m	2 hr 9 m
	Interstate	1 hr 1 m	54 min	46 min	30 min	56 min		1 hr 17 m
	State	2 hr 32 m	2 hr 14 m	1 hr 17 m	47 min		7 hr 29 m	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 10 m)								
	07/16 10:26 AM	94912	US-71				3 hr 24 m	Initial report of a single vehicle crash on US-71 NB at MM 192 (near Rossie).
	07/06 08:04 PM	93879	I-80		3		3 hr 2 m	Initial report of a single vehicle crash on I-80 WB at MM 214 (near Ladora).
	07/18 05:32 PM	95232	US-151	1		1	3 hr 19 m	Initial report of a single vehicle crash on US-151 SB at MM 33 (near Bertram).
	07/16 12:01 PM	94920	IA-163			1	4 hr 27 m	Initial report of a single vehicle crash on IA-163 EB at MM 31 (near Monroe).
	07/08 10:49 AM	94005	IA-85			1	2 hr 26 m	Initial report of a single vehicle crash on IA-85 EB/WB between MM 1-4 (near Montezuma).
	07/17 02:07 AM	94990	US-30			1	6 hr 32 m	Initial report of a single vehicle crash on US-30 EB at MM 197 (near Montour).
	07/27 06:50 PM	96254	US-63		1		2 hr 57 m	Initial report of a single vehicle crash on US-63 SB at MM 52 (near Eddyville).
	07/13 01:26 AM	94607	IA-5	1			3 hr 11 m	Initial report of a single vehicle crash on IA-5 NB at MM 97 in Des Moines.
2 Vehicle Crash (Avg Impact : 52 min)								
	07/31 02:13 PM	96595	IA-3	1	1	1	3 hr 57 m	Initial report of a 2 vehicle crash on IA-3 EB at MM 243 (near Westgate).
	07/26 02:35 PM	96128	I-80		2	1	2 hr 39 m	Initial report of a 2 vehicle crash on I-80 EB at MM 237 in Tiffin.
	07/01 10:38 AM	93240	IA-92	2			4 hr 18 m	Initial report of a 2 vehicle crash on IA-92 WB/EB at MM 190 (near Rose Hill).
	07/23 08:55 AM	95724	IA-23		1	1	3 hr 23 m	Initial report of a 2 vehicle crash on IA-23 NB at MM 6 (near Fremont).
	07/02 04:22 PM	93404	US-30		1	2	2 hr 28 m	Initial report of a 2 vehicle crash on US-30 EB at MM 186 in Marshalltown.
	07/29 07:39 PM	96446	I-80	1	1	1	3 hours	Initial report of a 2 vehicle crash on I-80 EB at MM 289 (near Maysville).
3+ Vehicle Crash (Avg Impact : 50 min)								
	07/08 11:53 AM	94016	US-63	1	2		3 hr 18 m	Initial report of a 3+ vehicle crash on US-63 NB/SB at MM 150 (near Hudson).
	07/22 02:00 PM	95633	I-35		3	1	2 hr 5 m	Initial report of a 3+ vehicle crash on I-35 SB at MM 133 (near Ellsworth).
Debris (Avg Impact : 1 hr 28 m)								
	07/20 07:24 PM	95501	IA-23				6 hr 9 m	Initial report of a debris event on IA-23 NB at MM 7 (near Fremont).
	07/15 08:07 AM	94761	IA-330				6 hr 50 m	Initial report of a pavement buckle on IA-330 SB at MM 16 (near Melbourne).
	07/20 05:46 PM	95490	IA-92				7 hr 51 m	Initial report of a debris event on IA-92 at MM 130 in Indianola.
Emergency Vehicles (Avg Impact : 2 hr 35 m)								
	07/10 12:29 AM	94206	I-74				13 hr 18 m	Initial report of an pavement buckle event on I-74 EB/WB at MM 2 in Davenport.
	07/01 08:32 PM	93311	IA-2				1 day 12 hr 46 m	Initial report of a pavement buckle on IA-2 EB at MM 152 (near Corydon).

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 40 min)								
	07/17 04:19 PM	95068	US-30				2 hr 32 m	Initial report of a stalled vehicle on US-30 EB at MM 126 (near Ogden).
	07/25 01:58 PM	95986	I-35				6 hr 4 m	Initial report of a stalled vehicle on I-35 SB at MM 92 in Ankeny.
	07/19 04:02 PM	95366	I-80				6 hr 10 m	Initial report of a stalled vehicle on I-80 WB at MM 201 (near Guernsey).
Vehicle Fire (Avg Impact : 1 hr 9 m)								
	07/20 04:55 AM	95426	I-80		2		4 hr 27 m	Initial report of a vehicle fire on I-80 WB at MM 27 (near Minden).
	07/29 01:18 AM	96336	I-80			1	3 hr 1 m	Initial report of a vehicle fire on I-80 EB at MM 190 (near Malcom).