



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

August 2018

This report contains statistical and operational data for TMC activities from the period of August 01, 2018 to August 31, 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
July	August	July	August	July	August
<b>2,945</b>	<b>2,749</b>	<b>7</b>	<b>18</b>	<b>177</b>	<b>221</b>

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
July	August	July	August	July	August
<b>264</b>	<b>298</b>	<b>1 hr 10 m</b>	<b>1 hr 9 m</b>	<b>1,062</b>	<b>1,336</b>

\* - excludes roadwork

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

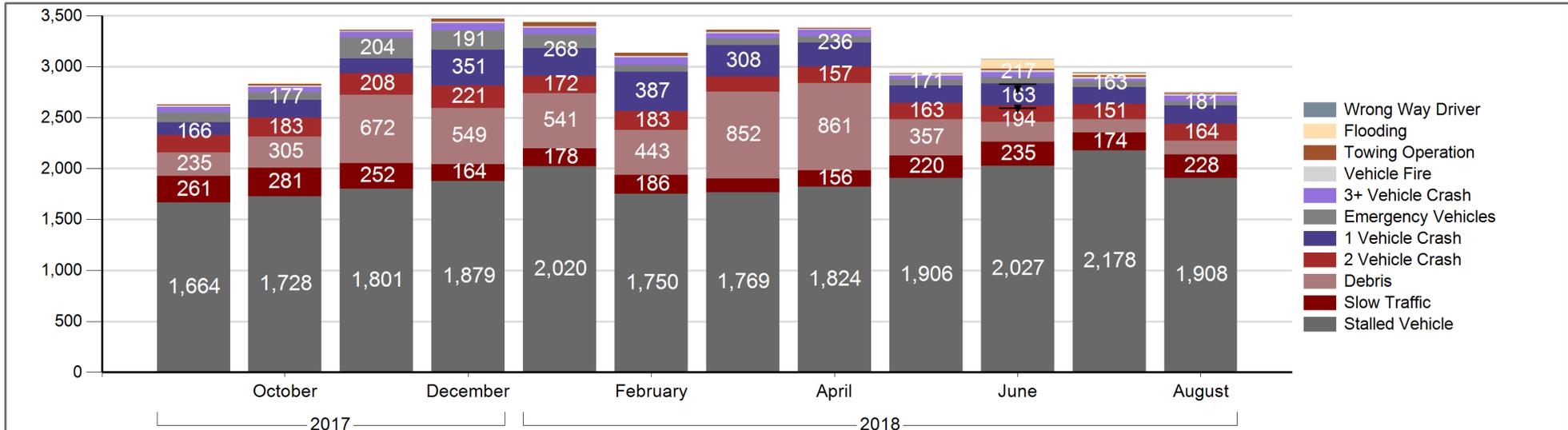
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

### 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	1,908	69%	54 min	980	17	30	273	44	564
Slow Traffic	228	8%	14 min	158	8	3	11	3	45
1 Vehicle Crash	181	7%	1 hr 42 m	69	8	11	27	12	54
2 Vehicle Crash	164	6%	4 hr 36 m	87	7	8	15	6	41
Debris	136	5%	6 hr 45 m	58	7	13	14	5	39
3+ Vehicle Crash	57	2%	1 hr 46 m	34	1	1	2	2	17
Emergency Vehicles	42	2%	4 hr 5 m	17	5	4	7	2	7
Vehicle Fire	15	1%	37 min	6	0	2	3	0	4
Towing Operation	11	0%	4 hr 21 m	0	2	0	1	0	8
Flooding	3	0%	42 min	0	1	2	0	0	0
Wrong Way Driver	3	0%		0	0	0	0	0	3
Grass Fire	1	0%	25 min	0	0	0	0	1	0
<b>Total</b>	<b>2,749</b>	<b>100%</b>	<b>4 hr 7 m</b>	<b>1,409</b>	<b>56</b>	<b>74</b>	<b>353</b>	<b>75</b>	<b>782</b>

\* - Totals include Highway Helper Incidents

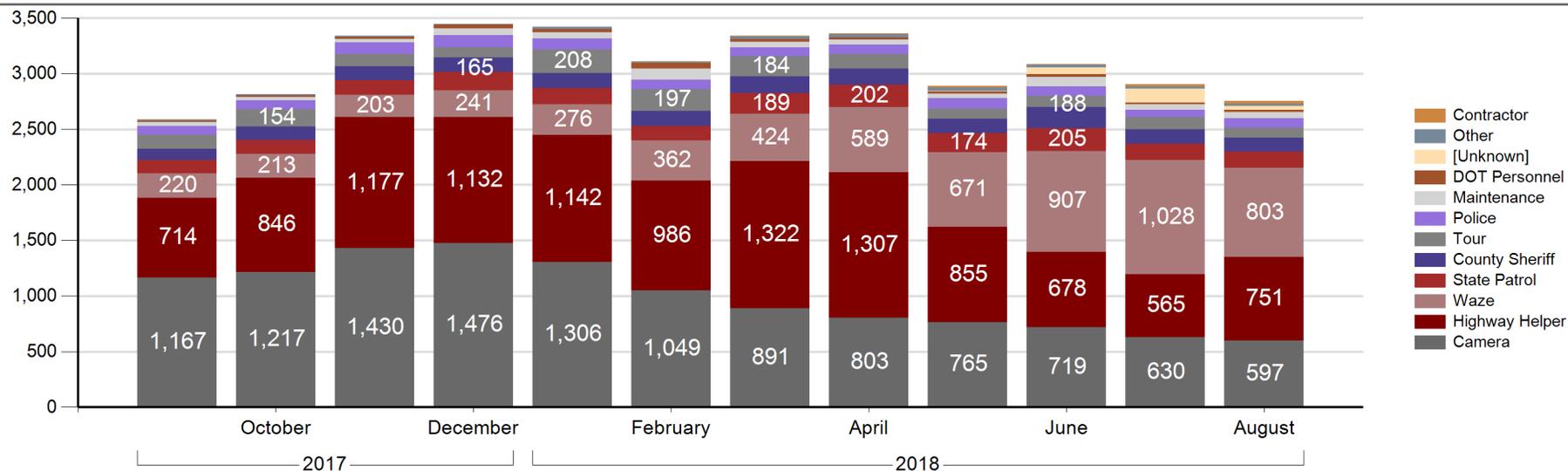


### INCIDENT TOTALS BY DETECTION TYPE

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	803	29%	416	13	21	84	35	234
Highway Helper	751	27%	355			160		236
Camera	597	21%	378	9	9	39	7	155
State Patrol	147	5%	55	7	12	20	11	42
County Sheriff	123	4%	32	6	16	19	6	44
Tour	91	3%	54	2	3	13	6	13
Police	89	3%	61	4	8	4	1	11
Maintenance	54	2%	10	7	2	3	3	29
[Unknown]	34	1%	1	3	1	19	7	1
Other	24	1%	14	3		3	2	2
Contractor	21	1%	14	3			3	1
DOT Personnel	18	1%	10	1		2	1	4
<b>Total</b>	<b>2,752</b>	<b>100%</b>	<b>1,400</b>	<b>58</b>	<b>72</b>	<b>366</b>	<b>82</b>	<b>772</b>

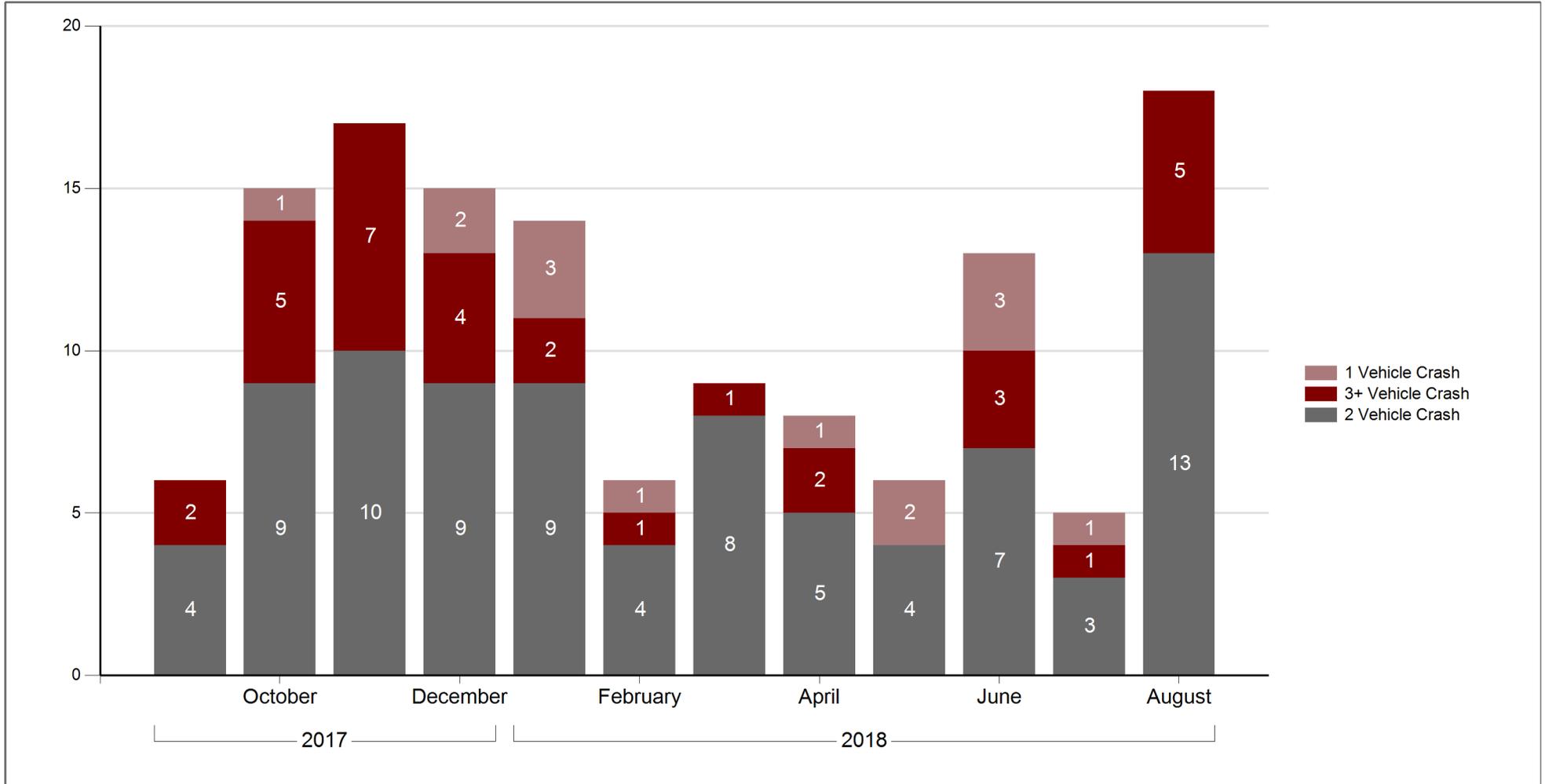
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

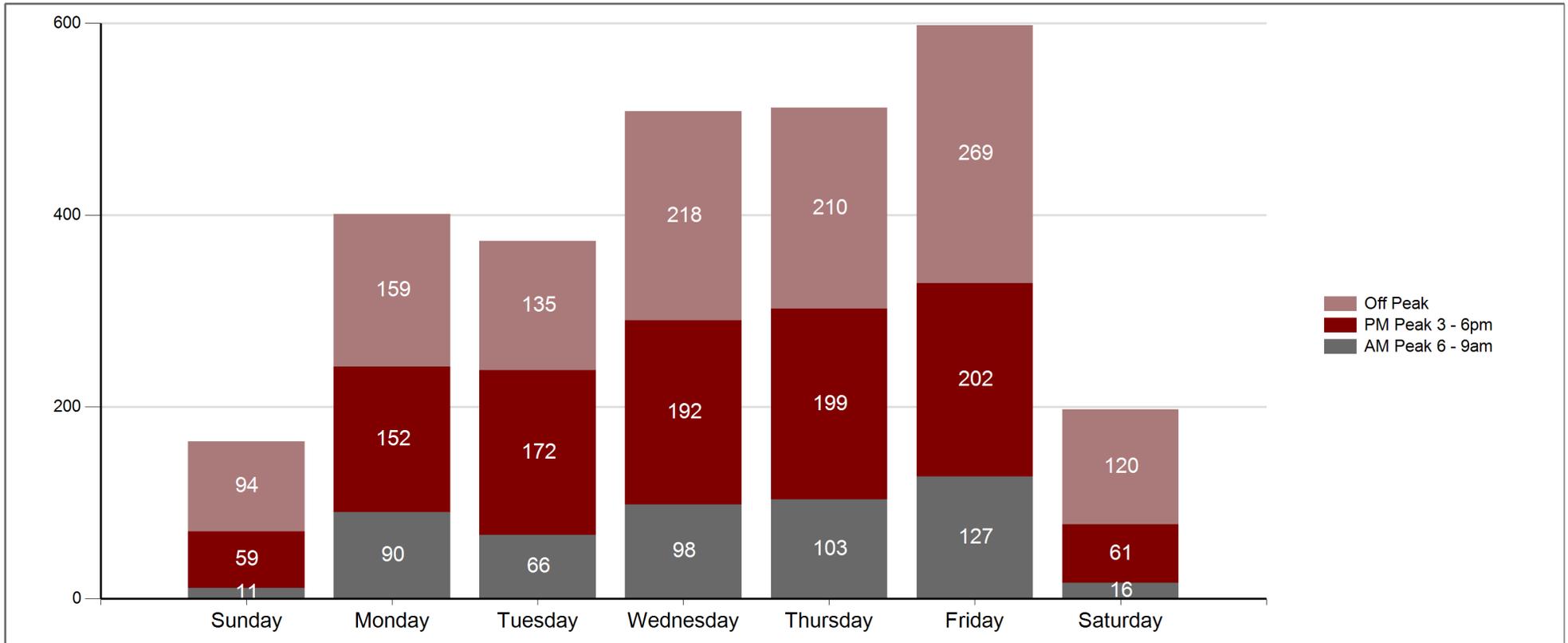
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	13	72%	1 hr 15 m	7	0	0	1	0	5
3+ Vehicle Crash	5	28%	2 hr 17 m	2	0	0	1	0	2
<b>Total</b>	<b>18</b>	<b>100%</b>	<b>1 hr 36 m</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>7</b>



### 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.

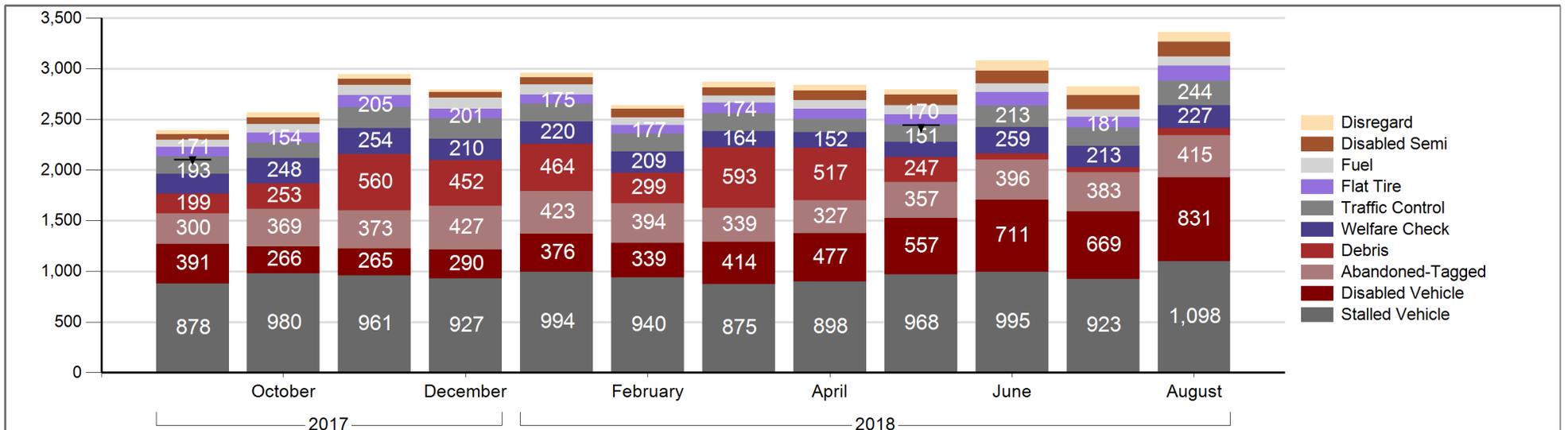
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	598	22%	53 min	319	10	11	90	19	147
Thursday	512	19%	15 hr 2 m	258	11	17	64	20	142
Wednesday	508	18%	1 hr 12 m	254	13	10	60	7	164
Monday	401	15%	3 hr 8 m	185	9	13	60	7	127
Tuesday	373	14%	1 hr 59 m	201	5	7	36	7	117
Saturday	197	7%	2 hr 10 m	110	3	8	26	7	43
Sunday	164	6%	53 min	82	7	8	17	8	42
<b>Total</b>	<b>2,753</b>	<b>100%</b>	<b>53 min</b>	<b>1,409</b>	<b>58</b>	<b>74</b>	<b>353</b>	<b>75</b>	<b>782</b>



### HIGHWAY HELPER RESPONSES

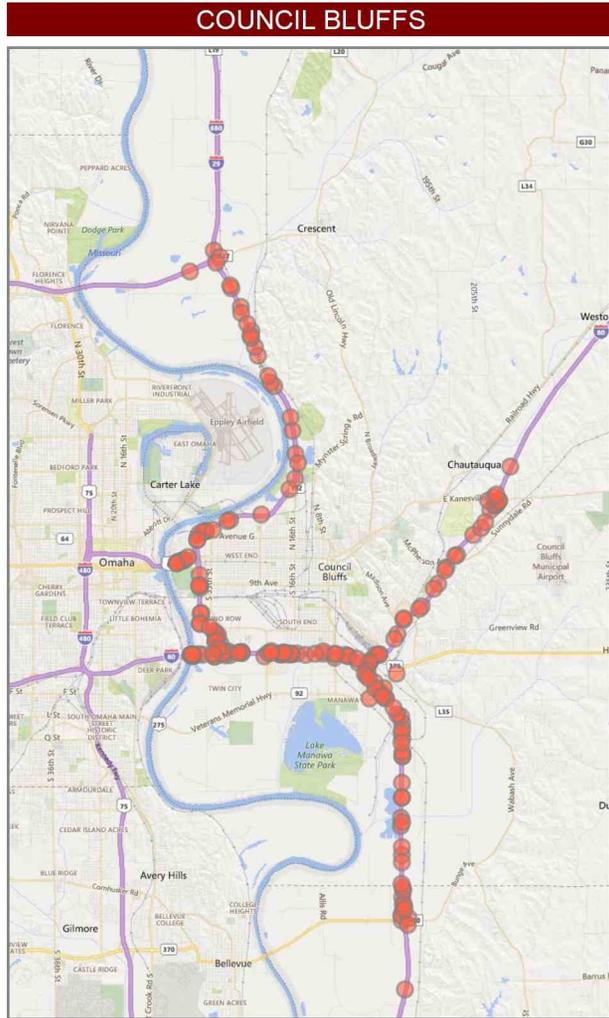
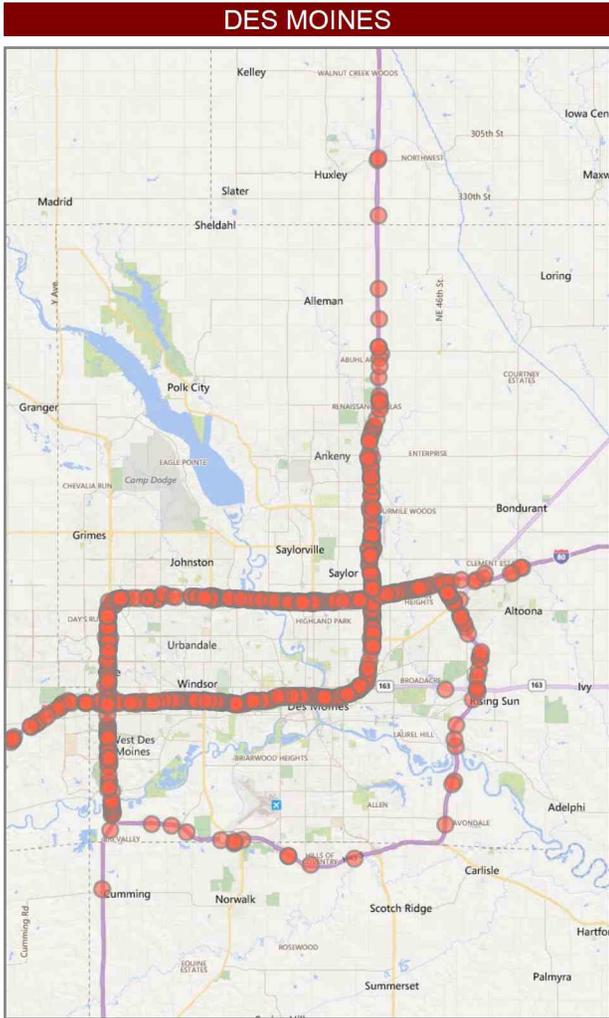
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	1,098	28%	16 min		584	187	323
Disabled Vehicle	831	21%	10 min		455	130	243
Abandoned-Tagged	420	11%	26 min		237	51	132
Traffic Control	265	7%	1 hr 17 m		162	36	66
Welfare Check	237	6%	17 min		121	51	65
Flat Tire	194	5%	5 min		94	46	52
Disabled Semi	145	4%	59 min		54	34	57
Debris	118	3%	13 min		59	13	46
Disregard	103	3%	11 min		74	9	19
Fuel	98	3%	1 hr 1 m		55	13	29
2 Vehicle Crash	68	2%	38 min		45	3	20
Mechanical Repair	60	2%	26 min		37	10	13
<b>Total</b>	<b>3,637</b>	<b>100%</b>	<b>42 min</b>		<b>1,977</b>	<b>583</b>	<b>1,065</b>



**HIGHWAY HELPER ASSIST BY LOCATION**

Highway Helper detected incidents and response locations.

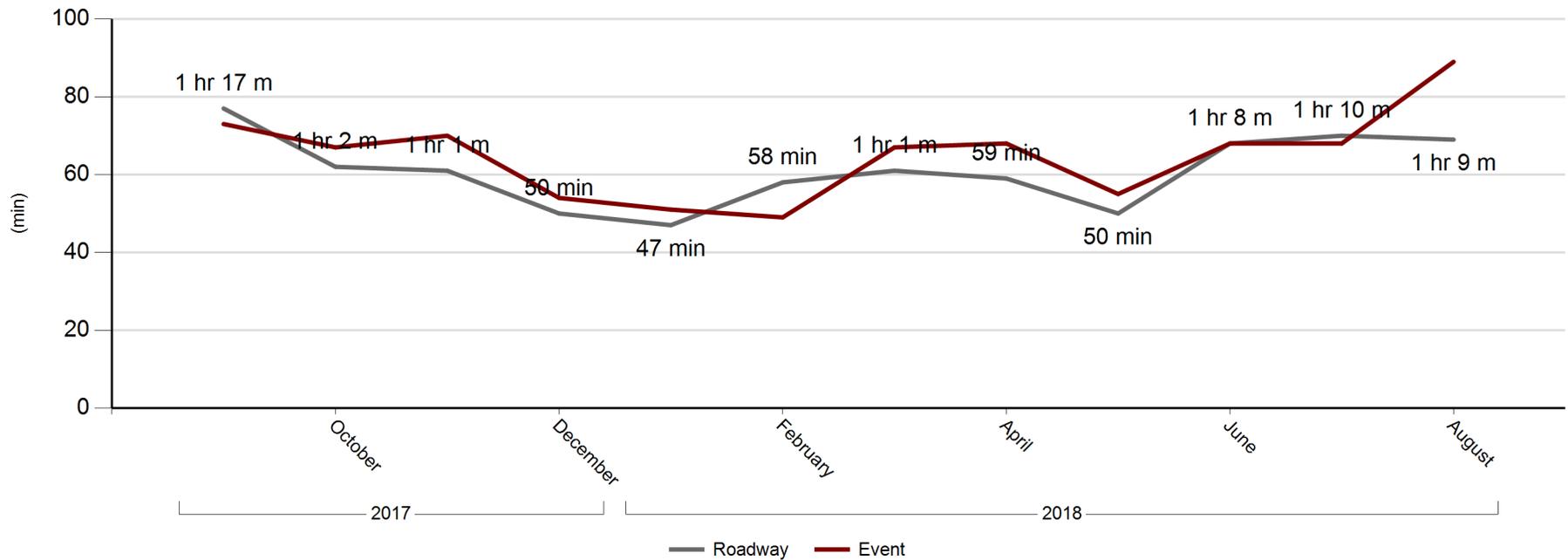


**INCIDENT CLEARANCE TIMES (CRASHES ONLY)**

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	<b>1 hr 32 m</b>	1 hr 33 m	2 hr 27 m	55 min	1 hr 58 m	2 hr 11 m	1 hr 16 m
	Federal	2 hr 21 m	3 hr 8 m	4 hr 59 m	40 min	38 min	1 hr 29 m	2 hr 2 m
	Interstate	1 hr 17 m	57 min	1 hr 55 m	1 hr 4 m	2 hr 52 m	4 hr 59 m	1 hr 5 m
	State	55 min	54 min	1 hr 30 m	56 min	39 min	46 min	
Roadway	All	<b>1 hr 9 m</b>	59 min	1 hr 46 m	44 min	1 hr 50 m	2 hr 7 m	1 hr 3 m
	Federal	1 hr 49 m	2 hr 6 m	4 hr 59 m	39 min	37 min	1 hr 22 m	1 hr 55 m
	Interstate	56 min	31 min	1 hr 8 m	38 min	2 hr 38 m	4 hr 59 m	51 min
	State	42 min	41 min	30 min	57 min	38 min	46 min	

All Roads (Interstate / Federal / State)

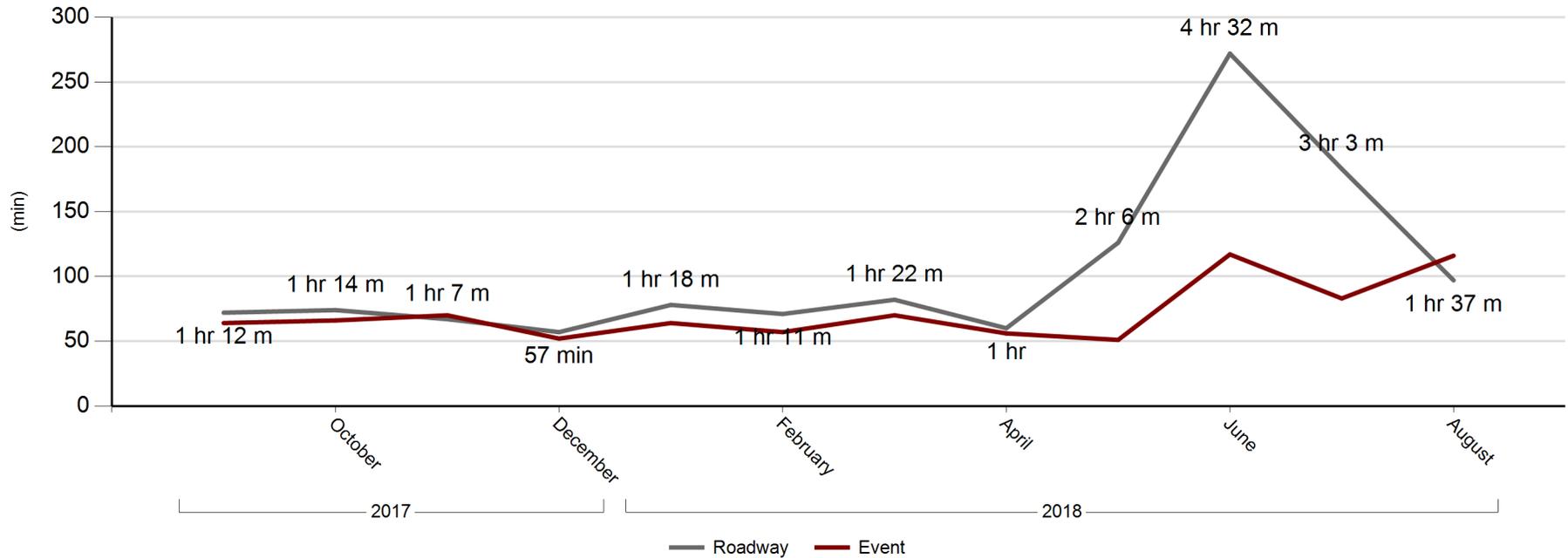


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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	<b>2 hr 23 m</b>	3 hr 7 m	4 hr 28 m	1 hr 2 m	1 hr 53 m	1 hr 59 m	1 hr 12 m
	Federal	2 hr 10 m	2 hr 50 m	3 hr 24 m	40 min	39 min	1 hr 29 m	1 hr 57 m
	Interstate	2 hr 34 m	3 hr 30 m	4 hr 20 m	42 min	2 hr 22 m	3 hr 28 m	1 hr 1 m
	State	1 hr 38 m	55 min	5 hr 10 m	1 hr 38 m	31 min	46 min	24 min
Roadway	All	<b>1 hr 37 m</b>	55 min	5 hr 13 m	1 hr 4 m	2 hr 49 m	1 hr 43 m	1 hr 37 m
	Federal	2 hr 29 m	2 hr 32 m	14 hr 12 m	39 min	34 min	1 hr 22 m	1 hr 42 m
	Interstate	1 hr 7 m	25 min	2 hr 8 m	34 min	3 hr 44 m	2 hr 32 m	53 min
	State	2 hr 46 m	43 min	4 hr 2 m	1 hr 37 m	31 min	50 min	15 hr 59 m

All Roads (Interstate / Federal / State)



**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
<b>1 Vehicle Crash (Avg Impact : 1 hr 16 m)</b>								
	08/18 08:01 AM	<a href="#">58449</a>	I-29			1	11 hr 27 m	Initial report of a single vehicle crash on I-29 SB at MM 56 in Council Bluffs.
	08/25 09:23 PM	<a href="#">59110</a>	US-69	2			9 hr 33 m	Initial report of a single vehicle crash on US-69 NB at MM 95 in Ankeny.
<b>2 Vehicle Crash (Avg Impact : 42 min)</b>								
	08/10 11:22 AM	<a href="#">57651</a>	US-30			1	5 hr 7 m	Initial report of a 2 vehicle crash on US-30 WB at MM 254 in Cedar Rapids.
	08/16 11:40 AM	<a href="#">58242</a>	I-80	1			2 hr 59 m	Initial report of a 2 vehicle crash on I-80 WB at MM 161 (near Lambs Grove).
<b>3+ Vehicle Crash (Avg Impact : 48 min)</b>								
	08/27 08:08 PM	<a href="#">59234</a>	US-20	1			4 hr 27 m	Initial report of a 3+ vehicle crash on US-20 EB at MM 305 (near Epworth).
	08/08 05:47 PM	<a href="#">57459</a>	I-80	1	1	1	4 hr 32 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 250 (near West Branch).
<b>Debris (Avg Impact : 1 hr 43 m)</b>								
	08/27 12:32 AM	<a href="#">59153</a>	US-65				1 day 12 hr 55 m	Initial report of downed power lines on US-65 at MM 178 (near Sheffield).
<b>Emergency Vehicles (Avg Impact : 4 hr 57 m)</b>								
	08/06 12:57 PM	<a href="#">57188</a>	I-680				1 day 20 hr 43 m	Initial report of an emergency repairs event on I-680 WB at MM 0 (near Crescent).
<b>Stalled Vehicle (Avg Impact : 32 min)</b>								
	08/28 06:26 PM	<a href="#">59325</a>	IA-175				3 hr 44 m	Initial report of a stalled vehicle on IA-175 MM 15 EB (near Turin).
<b>Towing Operation (Avg Impact : 2 hr 59 m)</b>								
	08/22 08:00 AM		I-680				7 hr 12 m	Initial report of a towing operation event on I-680 at MM 20 (near Missouri Valley).
<b>Vehicle Fire (Avg Impact : 40 min)</b>								
	08/25 06:09 AM	<a href="#">59082</a>	I-380				2 hr 3 m	Initial report of a vehicle fire on I-380 SB at MM 14 in Cedar Rapids.