



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

February 2018

This report contains statistical and operational data for TMC activities from the period of February 01, 2018 to February 28, 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
January	February	January	February	January	February
<b>3,445</b>	<b>3,006</b>	<b>14</b>	<b>5</b>	<b>238</b>	<b>250</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
January	February	January	February	January	February
<b>319</b>	<b>324</b>	<b>47 min</b>	<b>59 min</b>	<b>1,621</b>	<b>1,324</b>

\* - excludes roadwork

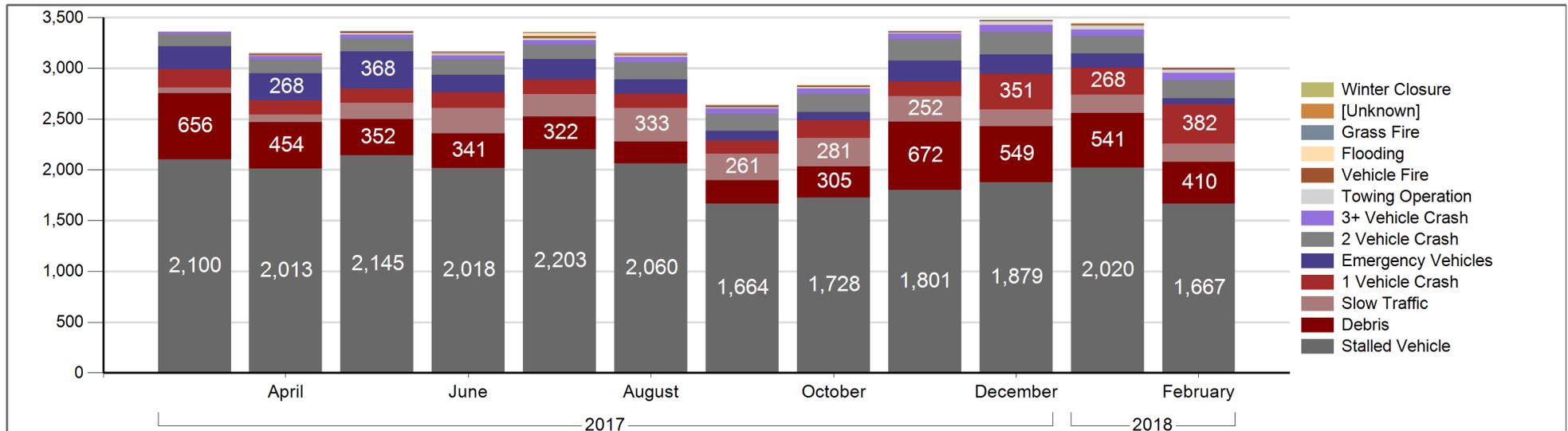
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

### 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	1,667	55%	28 min	804	22	22	204	40	575
Debris	410	14%	15 min	138	3	3	55	3	100
1 Vehicle Crash	382	13%	47 min	193	10	16	34	18	111
Slow Traffic	183	6%	9 min	137	0	7	5	3	31
2 Vehicle Crash	177	6%	1 hr 3 m	85	8	16	12	10	46
3+ Vehicle Crash	73	2%	1 hr 13 m	48	3	2	5	0	15
Emergency Vehicles	63	2%	1 hr 10 m	25	2	7	8	2	18
Towing Operation	30	1%	5 hr 27 m	13	0	0	6	1	10
Vehicle Fire	16	1%	53 min	10	1	1	1	1	2
Flooding	4	0%	9 hr 15 m	0	0	0	0	2	2
Grass Fire	1	0%		0	0	0	0	0	1
<b>Total</b>	<b>3,006</b>	<b>100%</b>	<b>1 hr 11 m</b>	<b>1,453</b>	<b>49</b>	<b>74</b>	<b>330</b>	<b>80</b>	<b>911</b>

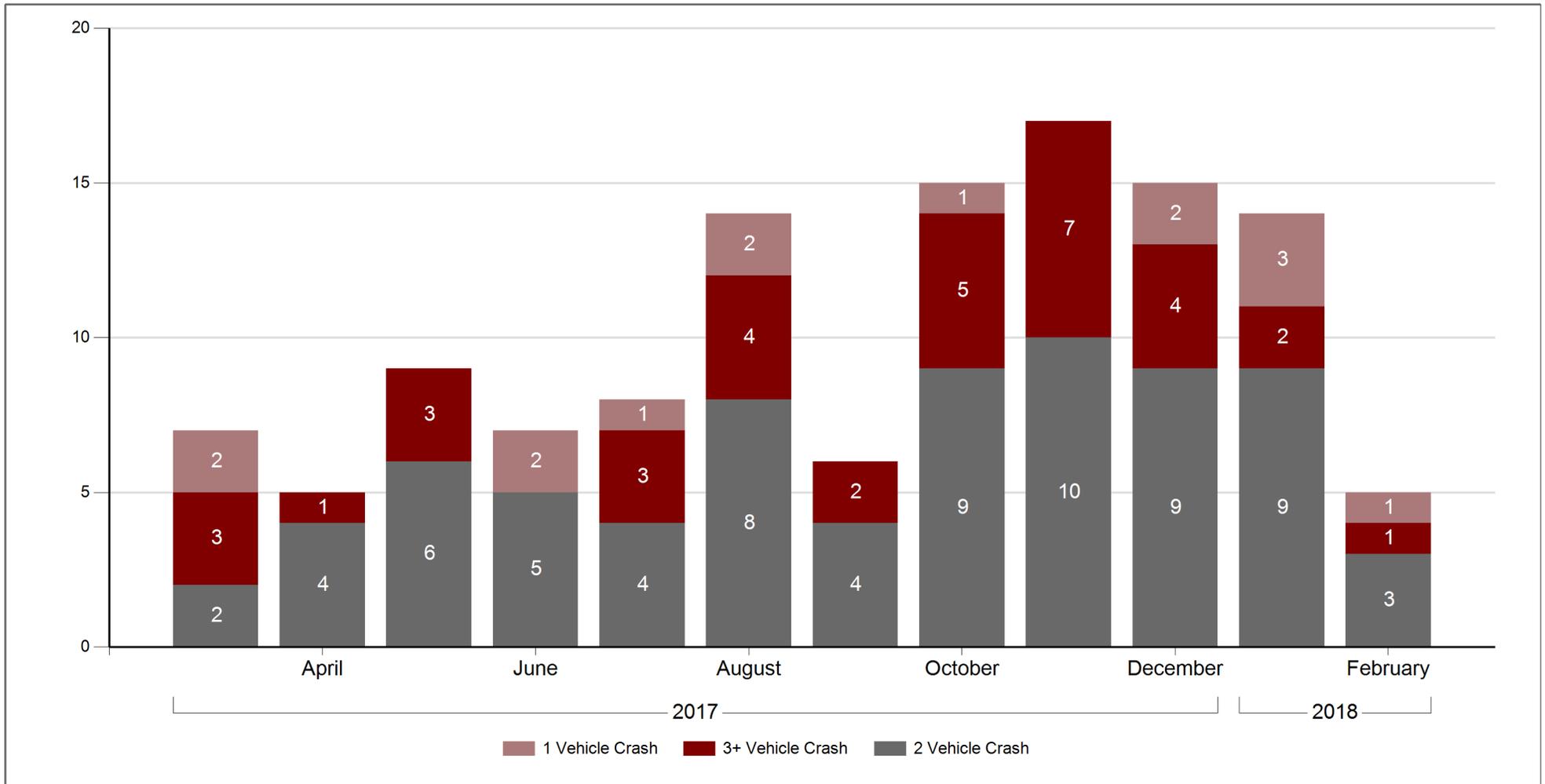
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

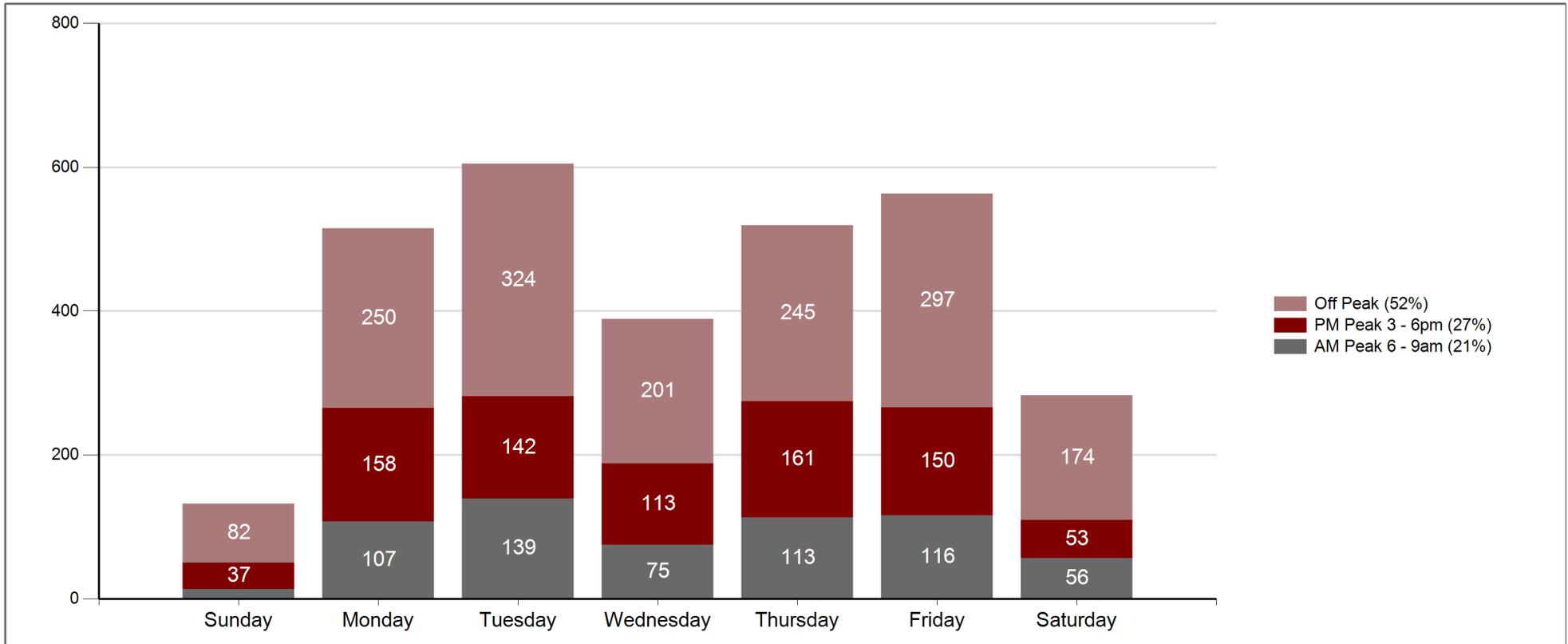
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	3	60%	45 min	0	0	0	0	0	3
1 Vehicle Crash	1	20%		1	0	0	0	0	0
3+ Vehicle Crash	1	20%	1 hr 5 m	1	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>100%</b>	<b>55 min</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</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.

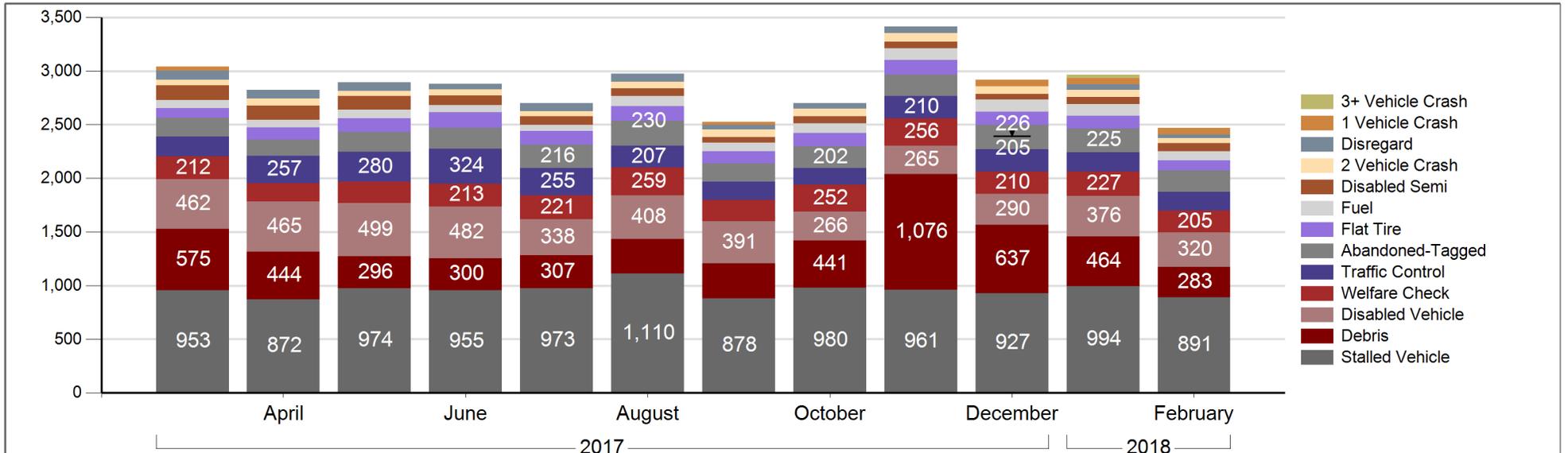
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	605	20%	1 hr 13 m	309	4	5	80	13	188
Friday	563	19%	42 min	250	11	23	73	9	164
Thursday	519	17%	1 hr 6 m	255	4	11	38	18	174
Monday	515	17%	1 hr 29 m	260	8	17	51	12	144
Wednesday	389	13%	1 hr 16 m	193	7	4	44	10	107
Saturday	283	9%	1 hr 4 m	131	7	8	35	14	84
Sunday	132	4%	1 hr 15 m	55	8	6	9	4	50
<b>Total</b>	<b>3,006</b>	<b>100%</b>	<b>1 hr 11 m</b>	<b>1,453</b>	<b>49</b>	<b>74</b>	<b>330</b>	<b>80</b>	<b>911</b>



### HIGHWAY HELPER RESPONSES

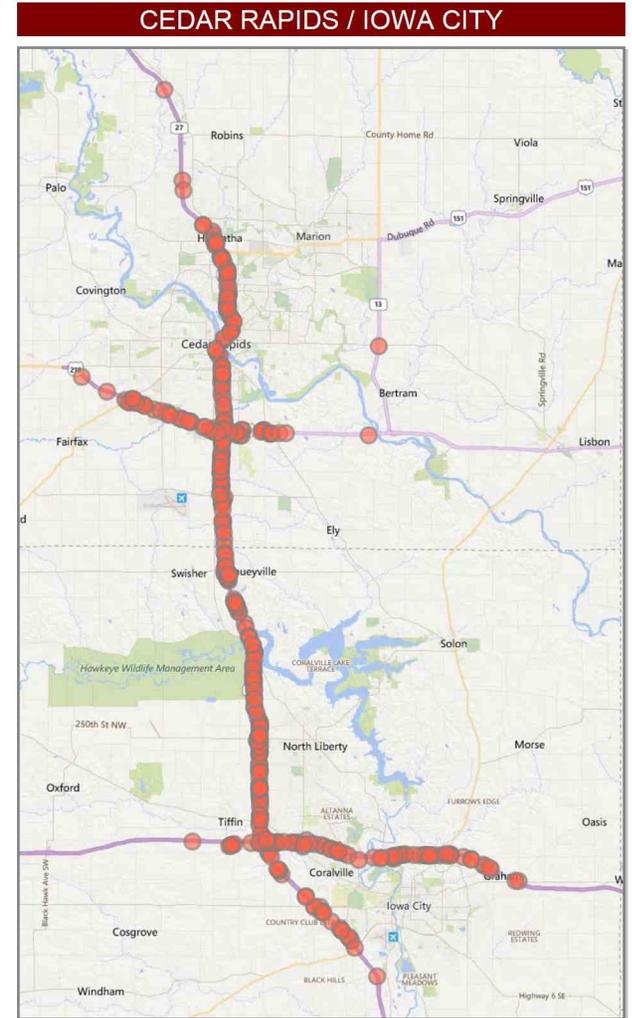
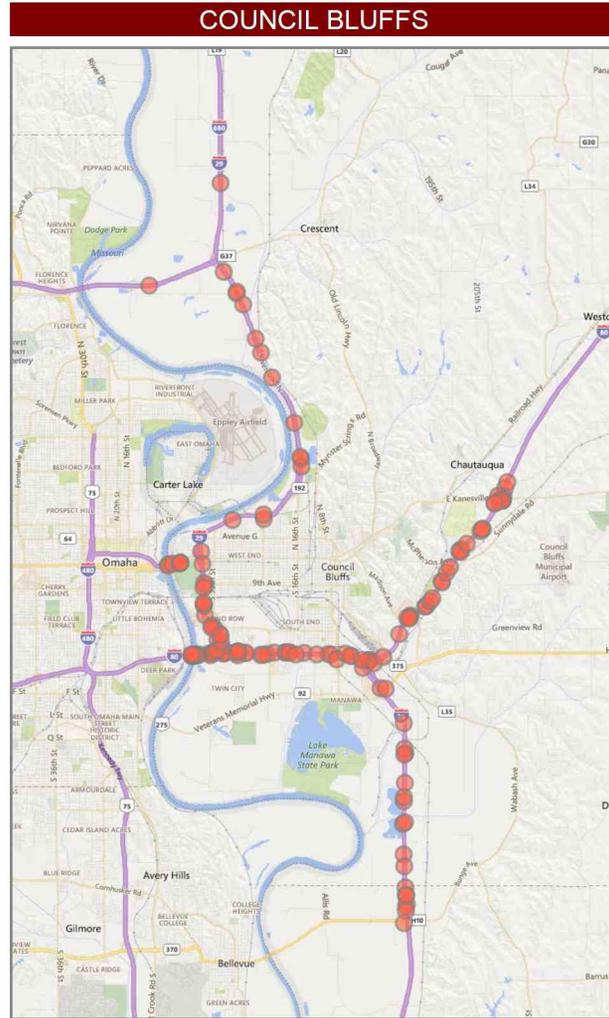
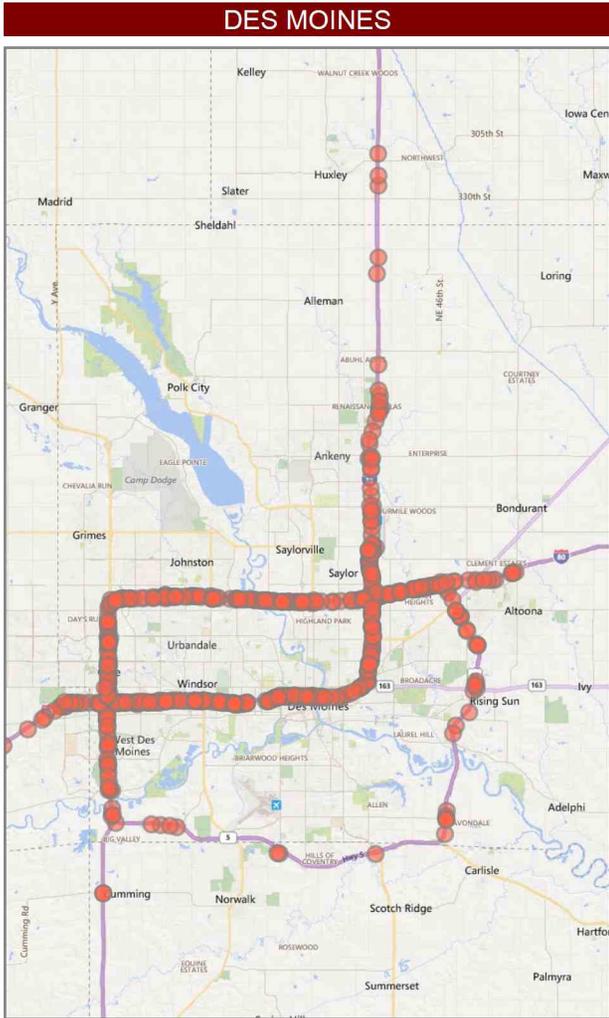
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	891	34%	22 min		440	134	317
Disabled Vehicle	320	12%	14 min		188	43	89
Debris	283	11%	6 min		129	51	93
Welfare Check	205	8%	1 min		84	34	87
Abandoned-Tagged	198	8%	43 min		116	19	63
Traffic Control	172	7%	34 min		100	26	46
Flat Tire	99	4%			46	21	32
Fuel	82	3%	8 min		44	9	29
Disabled Semi	75	3%	29 min		29	10	36
1 Vehicle Crash	62	2%	35 min		35	2	25
2 Vehicle Crash	47	2%	42 min		31	5	10
Disregard	36	1%			22	3	11
<b>Total</b>	<b>2,470</b>	<b>100%</b>	<b>33 min</b>		<b>1,264</b>	<b>357</b>	<b>838</b>



### HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

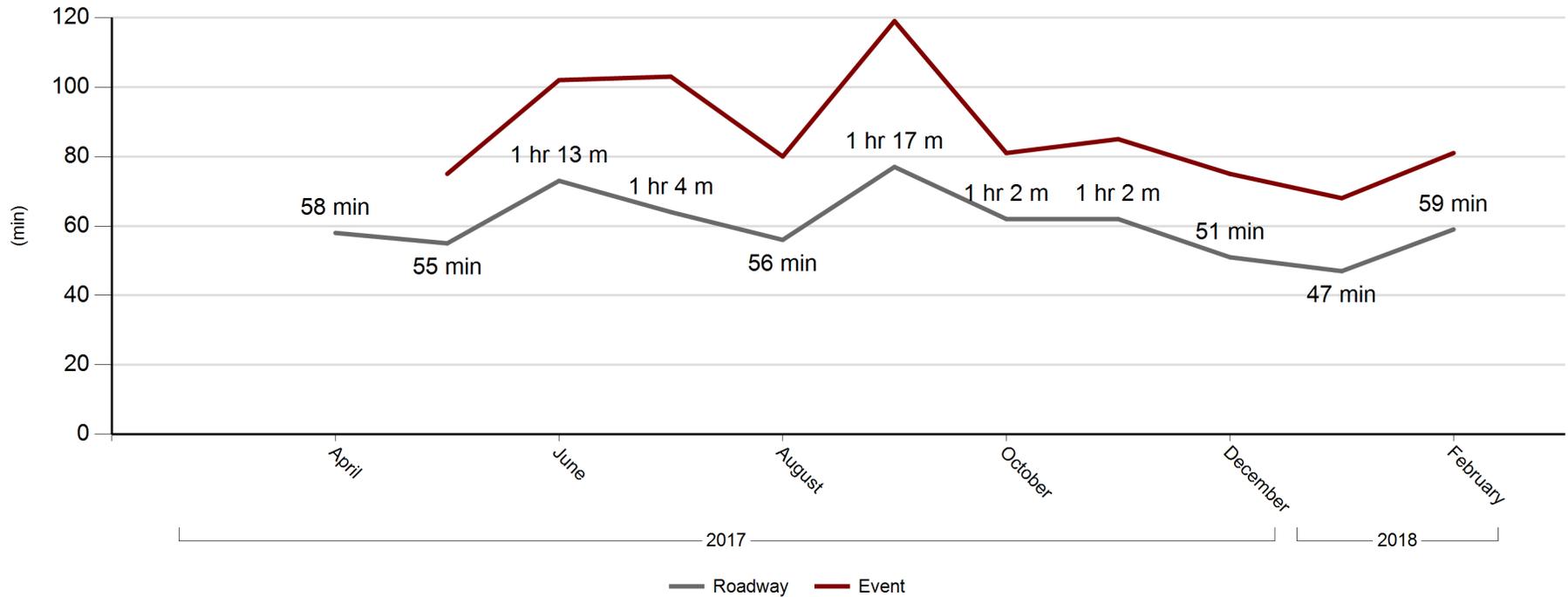


**INCIDENT CLEARANCE TIMES (CRASHES ONLY)**

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 2 m</b>	53 min	49 min	44 min	1 hr 15 m	3 hr 9 m	1 hr 11 m
	Interstate	58 min	45 min	42 min	33 min	1 hr 16 m	2 hr 50 m	1 hr 18 m
	State	1 hr 39 m	1 hr 39 m		1 hr 16 m	1 hr 39 m		1 hr 57 m
	Federal	1 hr 4 m	1 hr 20 m	58 min	43 min	45 min	4 hr 6 m	46 min
Roadway	All	<b>59 min</b>	52 min	1 hr 3 m	50 min	1 hr 7 m	2 hr 50 m	1 hr
	Interstate	53 min	42 min	1 hr 6 m	34 min	1 hr 5 m	2 hr 49 m	1 hr 4 m
	State	1 hr 22 m	1 hr 13 m		1 hr 11 m	1 hr 39 m	26 min	1 hr 57 m
	Federal	1 hr 9 m	1 hr 27 m	1 hr	51 min	46 min	4 hr 5 m	40 min

All Roads (Interstate / Federal / State)

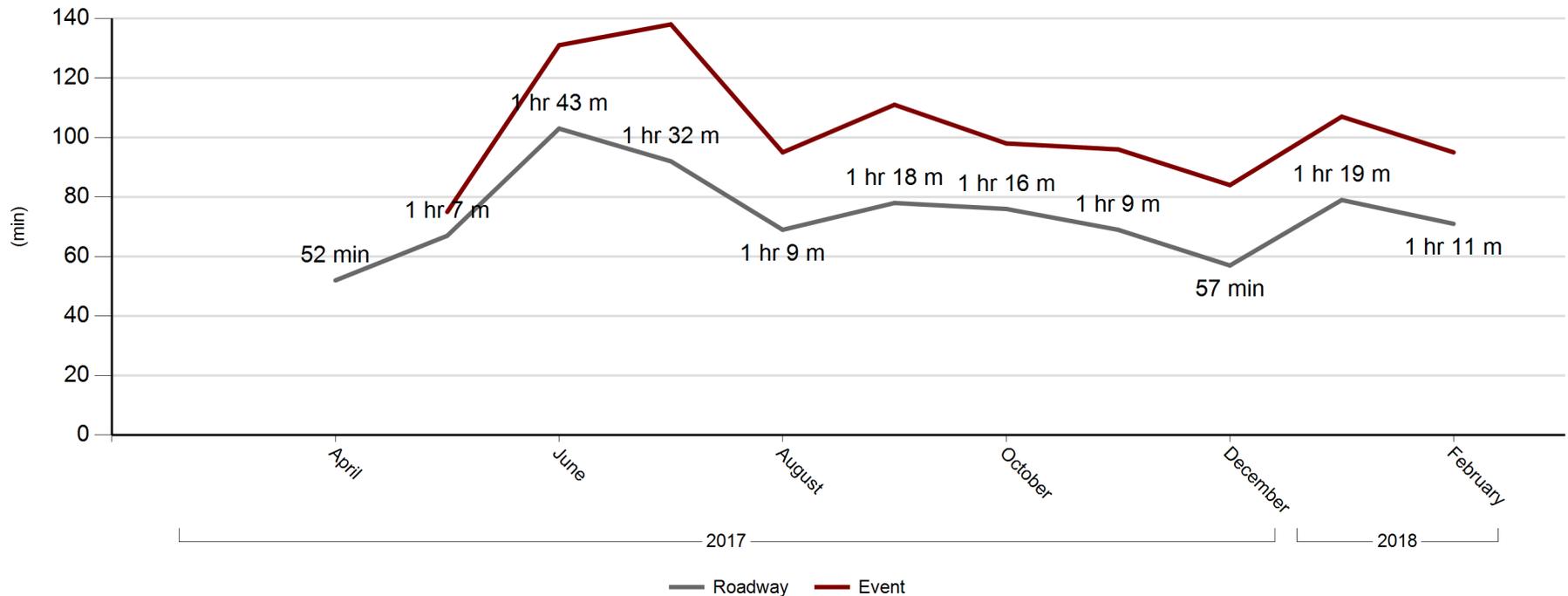


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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>1 hr 16 m</b>	53 min	59 min	45 min	1 hr 28 m	5 hr 12 m	1 hr 37 m
	Interstate	1 hr 12 m	48 min	42 min	31 min	1 hr 37 m	2 hr 50 m	1 hr 48 m
	State	2 hr 17 m	1 hr 12 m	1 hr 11 m	59 min	1 hr 3 m	19 hr 57 m	1 hr 57 m
	Federal	1 hr 9 m	1 hr 10 m	1 hr 13 m	49 min	36 min	2 hr 33 m	1 hr 13 m
Roadway	All	<b>1 hr 11 m</b>	53 min	1 hr 4 m	48 min	1 hr 39 m	3 hr 49 m	1 hr 20 m
	Interstate	1 hr 11 m	50 min	58 min	32 min	1 hr 54 m	2 hr 39 m	1 hr 30 m
	State	1 hr 36 m	56 min	1 hr 11 m	57 min	1 hr 18 m	6 hr 8 m	1 hr 29 m
	Federal	1 hr 2 m	1 hr 10 m	1 hr 10 m	52 min	25 min	3 hr 3 m	56 min

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 : 47 min)</b>								
	02/05 11:27 AM	<a href="#">36880</a>				1	6 hr 6 m	Initial report of a single vehicle crash on SB at MM 7 in Colfax.
	02/05 11:38 AM	<a href="#">36886</a>	I-380	2	1		3 hr 17 m	Initial report of a single vehicle crash on I-380 NB at MM 16 in Cedar Rapids.
	02/13 04:34 AM	<a href="#">37971</a>	IA-13			1	3 hr 51 m	Initial report of a single vehicle crash on IA-13 SB at MM 14 (near Alburnett).
	02/17 09:33 PM	<a href="#">38629</a>	I-35		1		2 hr 10 m	Initial report of a single vehicle crash on I-35 NB at MM 45 (near New Virginia).
	02/24 05:58 AM	<a href="#">39307</a>	I-29			1	3 hr 19 m	Initial report of a single vehicle crash on I-29 SB at MM 21 (near Thurman).
<b>2 Vehicle Crash (Avg Impact : 1 hr 3 m)</b>								
	02/02 04:30 PM	<a href="#">36688</a>	IA-330	1	1		3 hours	Initial report of a 2 vehicle crash on IA-146 NB at MM 27 (near Gilman).
	02/05 08:55 AM	<a href="#">36851</a>	I-80		1	2	2 hr 57 m	Initial report of a 2 vehicle crash on I-80 EB at MM 290 in Davenport (near Maysville).
	02/05 10:49 AM	<a href="#">36871</a>	US-30	1	1	2	4 hr 6 m	Initial report of a 2 vehicle crash on US-30 EB at MM 113 (near Grand Junction).
	02/07 08:24 AM	<a href="#">37277</a>	I-280	1			2 hr 41 m	Initial report of a 2 vehicle crash on I-280 EB at MM 9 (near Davenport).
	02/08 01:44 AM	<a href="#">37386</a>	US-61	1			3 hr 11 m	Initial report of a 2 vehicle crash on US-61 at the 137 MM (near De Witt).
	02/09 05:55 AM	<a href="#">37543</a>	US-20			2	2 hr 11 m	Initial report of a 2 vehicle crash on US-20 EB at MM 64 (near Early).
	02/09 09:38 PM	<a href="#">37667</a>	I-35	1	1		2 hr 44 m	Initial report of a 2 vehicle crash on I-35 SB at MM 204 (near Hanlontown).
	02/17 08:24 AM	<a href="#">38563</a>	US-6				2 hr 57 m	Initial report of a 2 vehicle crash on IA-21 at MM 40 (near Victor).
	02/18 06:02 PM	<a href="#">38649</a>			1	1	2 hr 31 m	Initial report of a 2 vehicle crash on 20 at MM 40 (near Cushing).
	02/21 03:14 AM	<a href="#">38931</a>	I-35	1		1	4 hr 27 m	Initial report of a 2 vehicle crash on I-35 SB at MM 65 (near Cumming).
	02/26 08:25 PM	<a href="#">39520</a>	US-34	2	1		4 hr 6 m	Initial report of a 2 vehicle crash on US-34 WB at MM 177 (near Blakesburg).
	02/26 08:26 PM		US-34				4 hr 4 m	Initial report of a 2 vehicle crash on US-34 EB at MM 177 (near Blakesburg).
<b>3+ Vehicle Crash (Avg Impact : 1 hr 13 m)</b>								
	02/05 12:11 PM	<a href="#">36892</a>	I-80				3 hr 9 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 145 (near Bondurant).
	02/05 12:30 PM	<a href="#">36895</a>	I-35	1			5 hr 45 m	Initial report of a 30+ vehicle crash on I-35 SB at MM 113 (near Ames).
	02/05 01:33 PM		I-80	1			5 hr 22 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 191 (near Malcom).
	02/05 01:38 PM	<a href="#">36911</a>	I-80			2	4 hr 35 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 277 (near Durant).
	02/05 04:37 PM	<a href="#">36950</a>	I-80	1		2	5 hr 5 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 65 (near Brayton).

**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Emergency Vehicles (Avg Impact : 1 hr 10 m)								
	02/04 11:22 AM	<a href="#">36799</a>	IA-23				8 hr 44 m	Initial report of an emergency vehicles event on IA-23 at MM 14 in Oskaloosa (near University Park).
	02/05 01:09 PM		I-35				4 hr 48 m	Initial report of an emergency vehicles event on I-35 NB at MM 113 (near Ames).
	02/08 01:54 AM		US-61	1			3 hr 2 m	Initial report of an emergency vehicles event on IA-27 EB at MM 10 (near Eldridge).
Stalled Vehicle (Avg Impact : 28 min)								
	02/06 10:22 AM	<a href="#">37105</a>	US-30			1	3 hr 20 m	Initial report of a stalled vehicle on US-30 WB at MM 252 in Cedar Rapids.
Towing Operation (Avg Impact : 5 hr 27 m)								
	02/07 07:00 PM		I-80			1	10 hr 37 m	Initial report of a towing operation event on I-80 WB at MM 243 in Coralville.
	02/22 09:00 PM		I-380			1	14 hr 12 m	Initial report of a towing operation event on I-380 NB at MM 15 in Cedar Rapids (near Shueyville).
	02/26 11:00 AM		I-29			1	19 hr 14 m	Initial report of a towing operation event on I-29 NB at MM 11 (near Sidney).
	02/27 08:32 AM		I-29			1	11 hr 9 m	Initial report of a towing operation event on I-29 SB at MM 20 (near Thurman).
Vehicle Fire (Avg Impact : 53 min)								
	02/05 08:04 AM		I-80			1	2 hr 28 m	Initial report of a vehicle fire on I-80 WB at MM 134 (near Saylorville).
	02/19 05:36 PM	<a href="#">38755</a>	I-80			1	2 hr 13 m	Initial report of a vehicle fire on I-80 EB at MM 138 (near Saylorville).