



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

February 2020

This report contains statistical and operational data for TMC activities from the period of February 01, 2020 to February 29, 2020.

## 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>3,175</b>	<b>2,755</b>	<b>12</b>	<b>7</b>	<b>200</b>	<b>129</b>

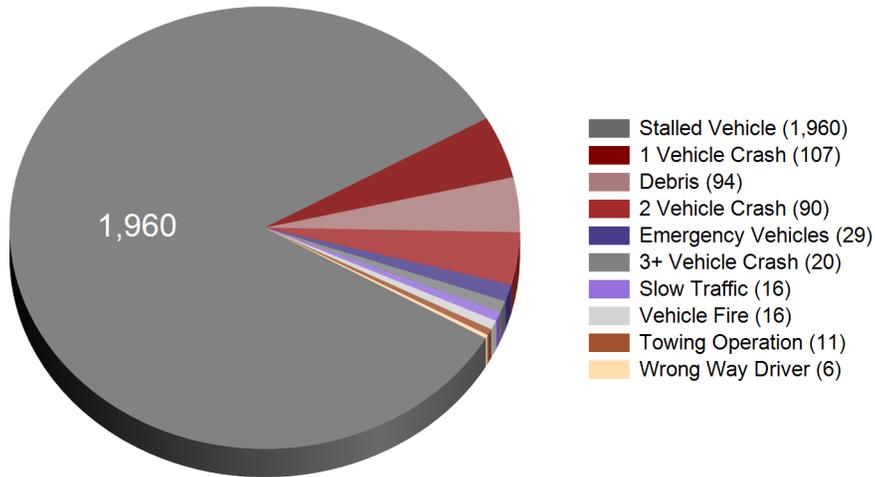
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
January	February	January	February	January	February
<b>375</b>	<b>227</b>	<b>1 hr 12 m</b>	<b>54 min</b>	<b>1,388</b>	<b>1,393</b>

\* - excludes roadwork

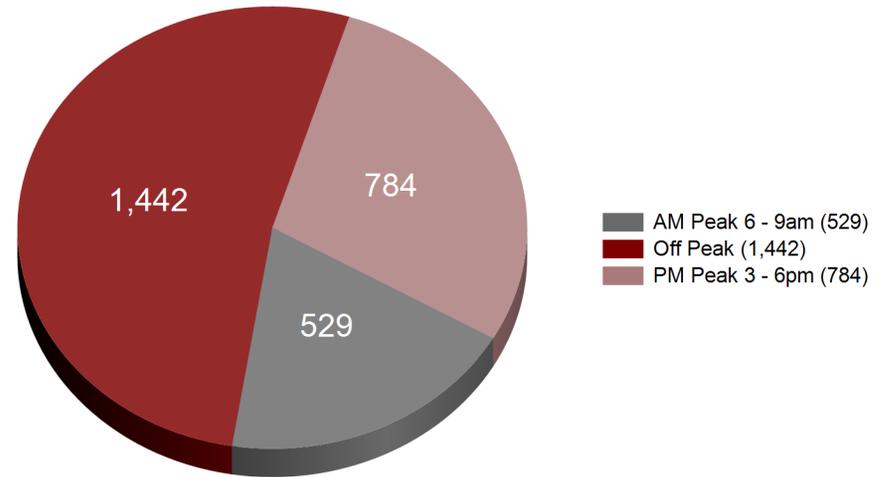
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

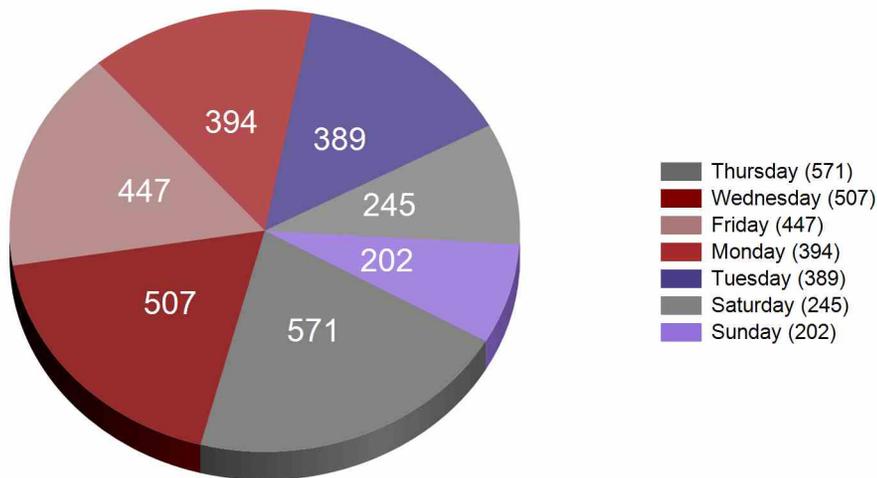
Incidents By Type



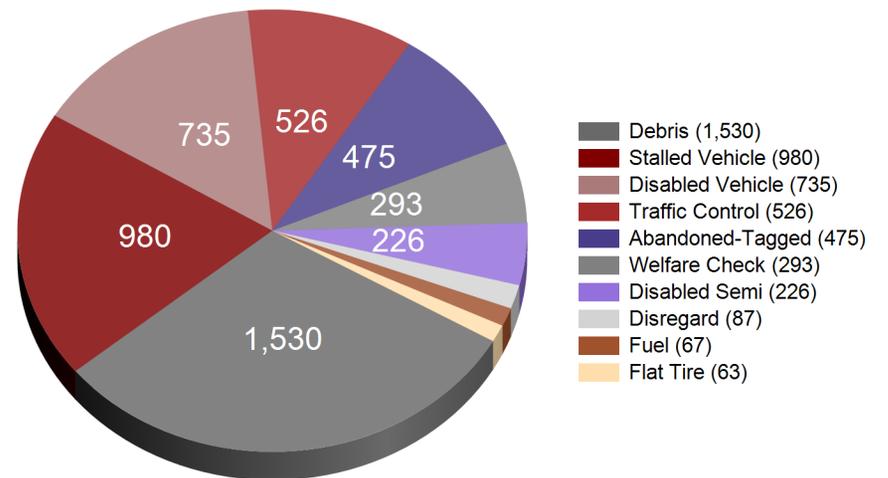
Incidents By Shift



Incidents By Day



Highway Helper Response

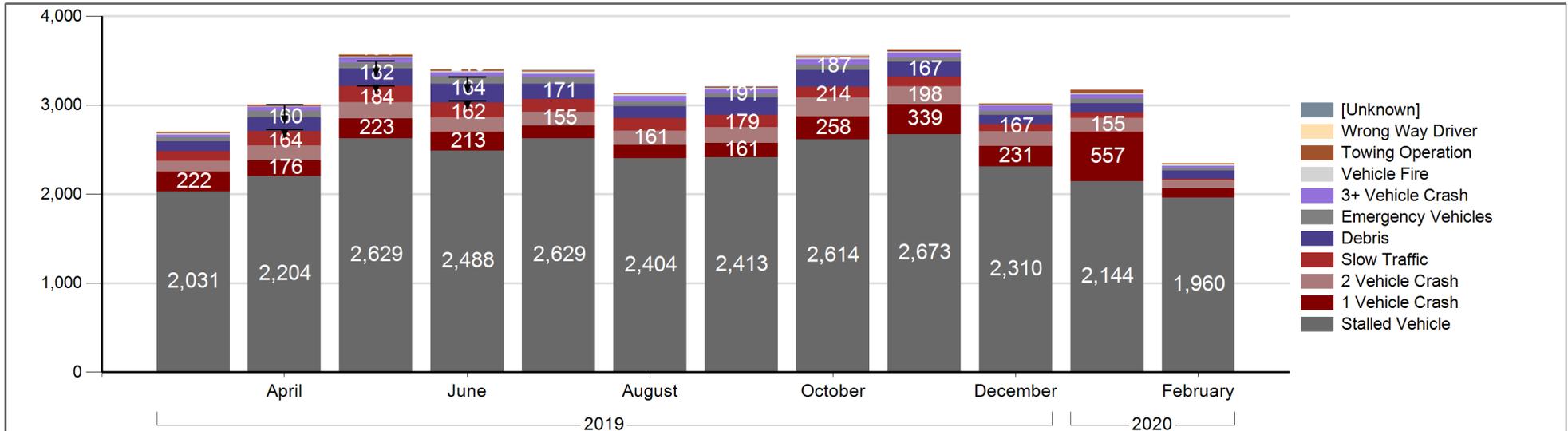


### INCIDENT TOTALS BY TYPE

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	1,960	83%	34 min	908	53	24	262	39	642
1 Vehicle Crash	107	5%	1 hr 7 m	45	15	9	12	5	21
Debris	94	4%	15 min	43	4	3	13	4	27
2 Vehicle Crash	90	4%	47 min	50	3	4	7	1	25
Emergency Vehicles	29	1%	2 hr 48 m	8	4	4	2	1	9
3+ Vehicle Crash	20	1%	46 min	8	0	4	1	1	6
Slow Traffic	16	1%		8	1	1	2	0	4
Vehicle Fire	16	1%	1 hr 22 m	1	0	1	4	2	8
Towing Operation	11	0%	5 hr 28 m	4	1	0	2	0	4
Wrong Way Driver	6	0%		1	0	0	0	0	5
<b>Total</b>	<b>2,349</b>	<b>100%</b>	<b>1 hr 8 m</b>	<b>1,076</b>	<b>81</b>	<b>50</b>	<b>305</b>	<b>53</b>	<b>751</b>

\* - Totals include Highway Helper Incidents

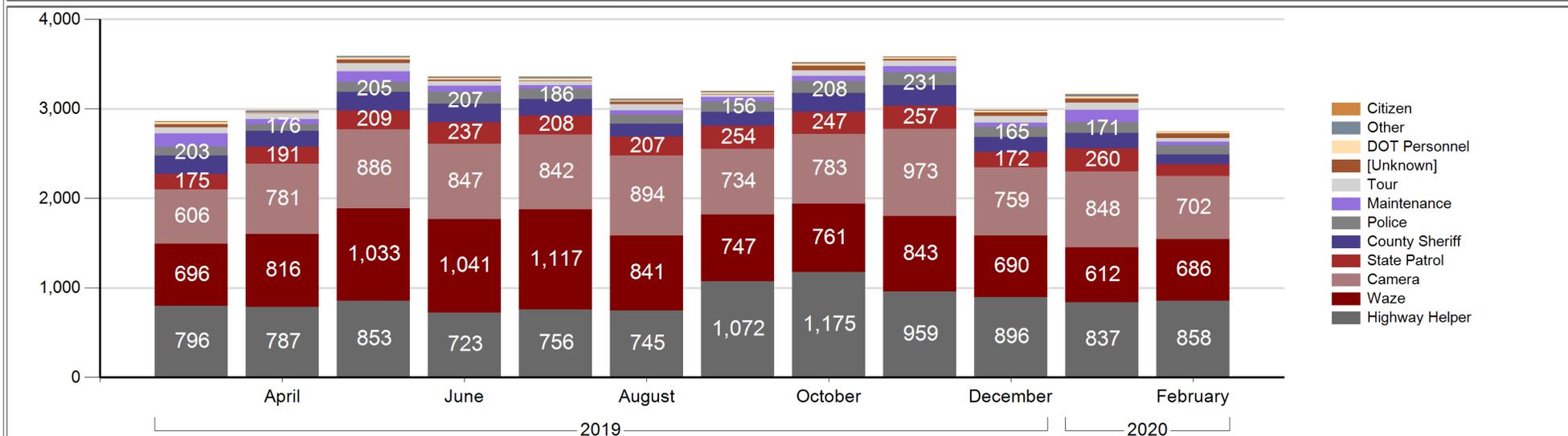


### INCIDENT TOTALS BY DETECTION TYPE

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*
Highway Helper	858	31%	334	0	1	143	5	375
Camera	702	25%	346	36	12	77	20	188
Waze	686	25%	354	24	15	86	19	180
State Patrol	132	5%	55	8	2	23	8	36
County Sheriff	109	4%	29	12	14	15	6	32
Police	104	4%	63	2	7	2	1	28
Other	57	2%	23	5	4	6	2	17
Tour	43	2%	21	0	0	5	0	12
Maintenance	41	1%	14	5	2	1	2	17
DOT Personnel	20	1%	8	1	2	1	0	7
Citizen	3	0%	3	0	0	0	0	0
<b>Total</b>	<b>2,755</b>	<b>100%</b>	<b>1,250</b>	<b>93</b>	<b>59</b>	<b>359</b>	<b>63</b>	<b>892</b>

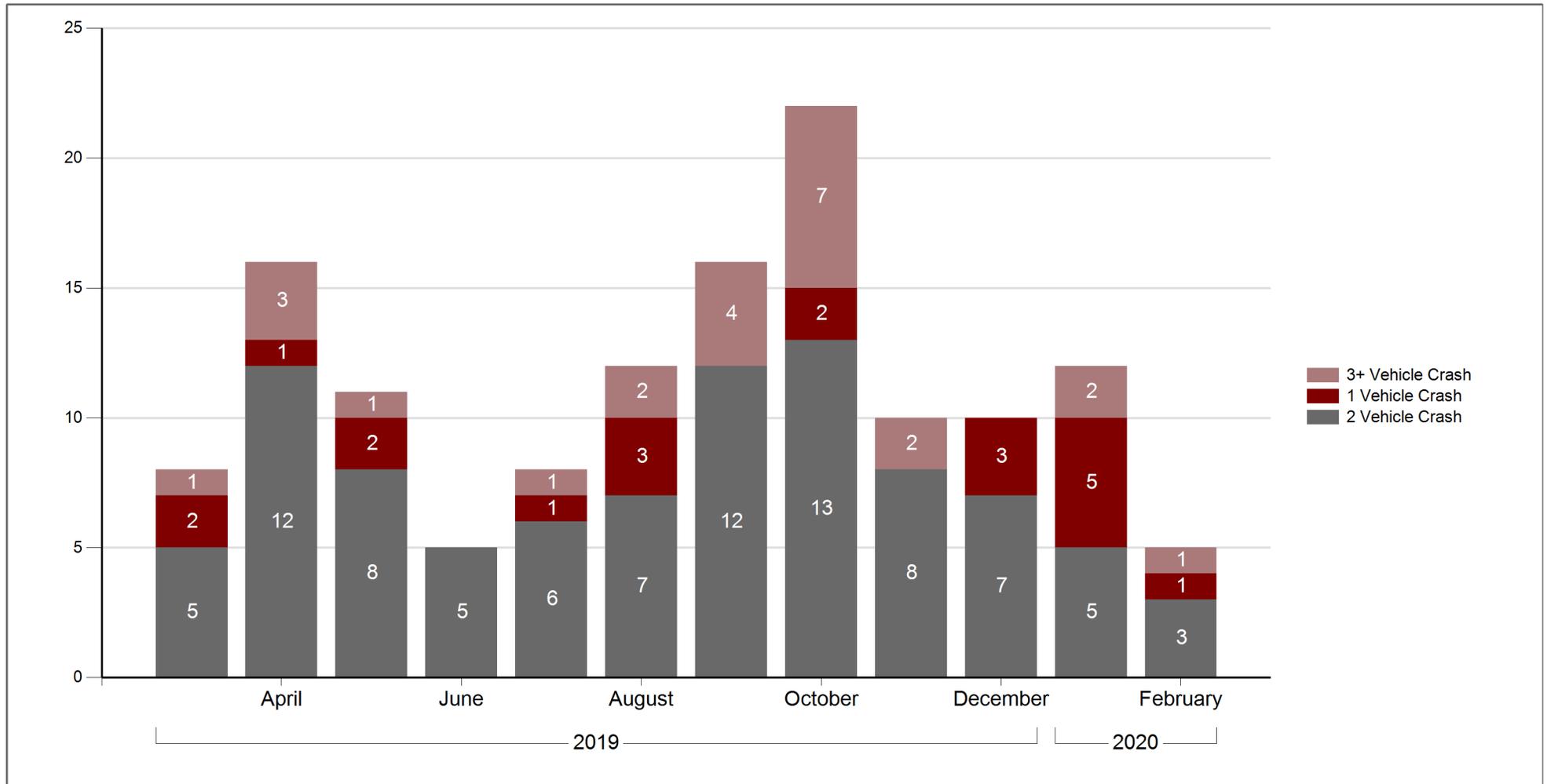
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

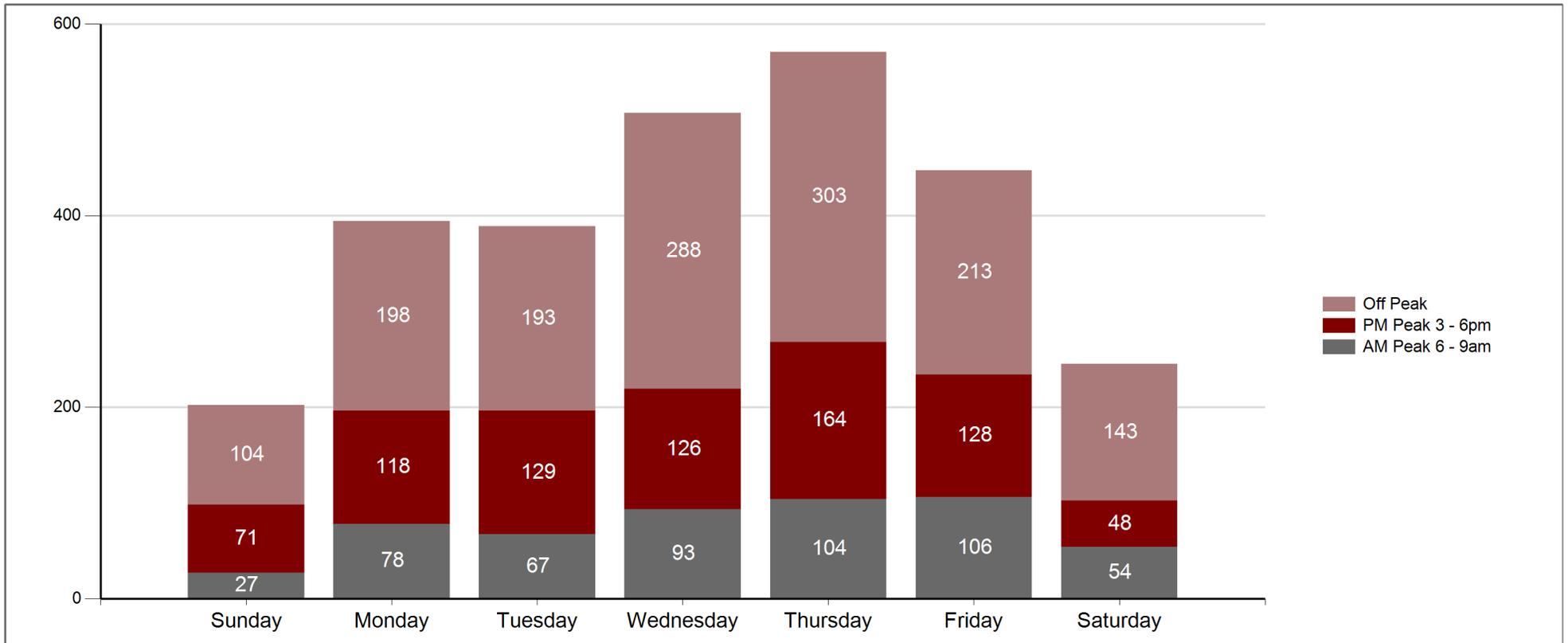
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	3	60%	24 min	2	0	0	0	0	1
1 Vehicle Crash	1	20%	2 hr 6 m	1	0	0	0	0	0
3+ Vehicle Crash	1	20%	1 hr 30 m	1	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>100%</b>	<b>1 hr 6 m</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</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.

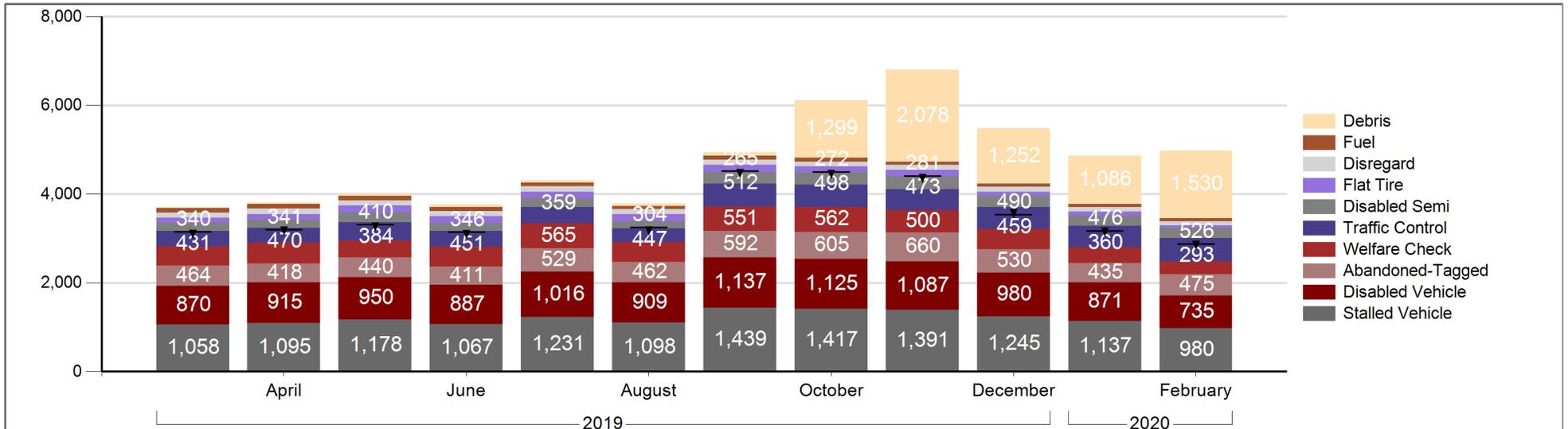
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Thursday	571	21%	1 hr 1 m	271	13	11	65	16	191
Wednesday	507	18%	1 hr 11 m	204	22	11	68	17	178
Friday	447	16%	56 min	207	13	5	64	8	146
Monday	394	14%	2 hr 29 m	171	16	11	58	3	126
Tuesday	389	14%	46 min	177	13	9	46	8	133
Saturday	245	9%	44 min	135	10	9	25	8	56
Sunday	202	7%	44 min	85	6	3	33	3	62
<b>Total</b>	<b>2,755</b>	<b>100%</b>	<b>1 hr 1 m</b>	<b>1,250</b>	<b>93</b>	<b>59</b>	<b>359</b>	<b>63</b>	<b>892</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	Davenport
Debris	1,530	29%	18 min		461	251	533	285
Stalled Vehicle	980	18%	31 min		445	144	246	145
Disabled Vehicle	735	14%	25 min		346	107	179	103
Traffic Control	550	10%	31 min		270	71	137	72
Abandoned-Tagged	476	9%	10 min		248	76	89	63
Welfare Check	298	6%	6 min		111	53	91	43
Disabled Semi	226	4%	46 min		90	35	66	35
Flat Tire	112	2%	54 min		48	18	29	17
Fuel	107	2%			53	16	24	14
Disregard	102	2%	12 min		52	14	23	13
2 Vehicle Crash	42	1%	31 min		29	1	7	5
MA4 Vehicle Towed	37	1%	18 min		26	1	9	1
<b>Total</b>	<b>5,195</b>	<b>100%</b>	<b>30 min</b>		<b>2,179</b>	<b>787</b>	<b>1,433</b>	<b>796</b>



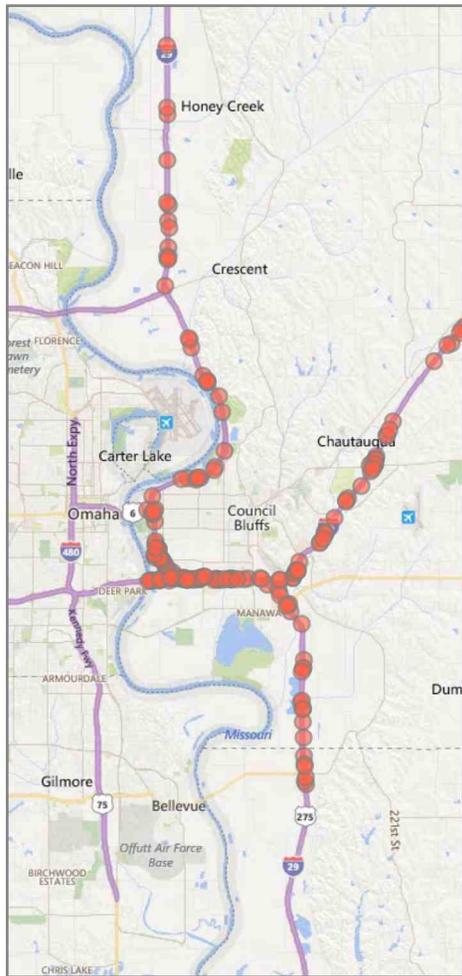
### HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

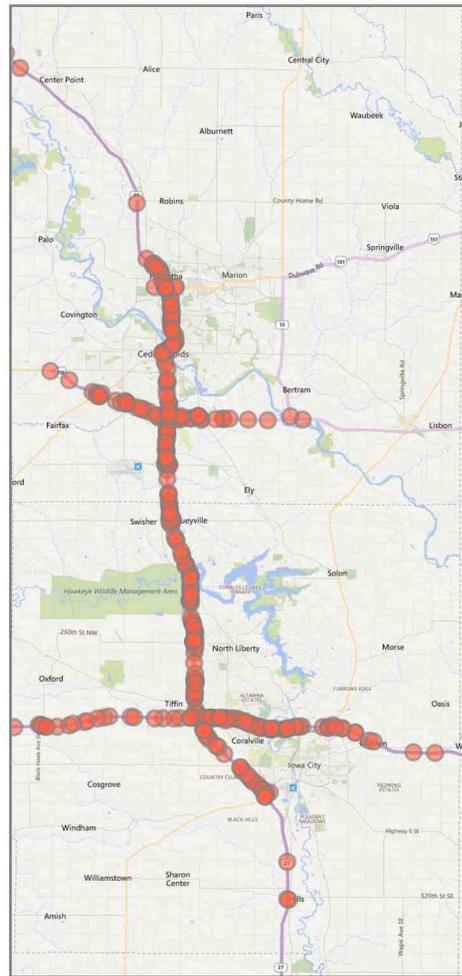
**DES MOINES**



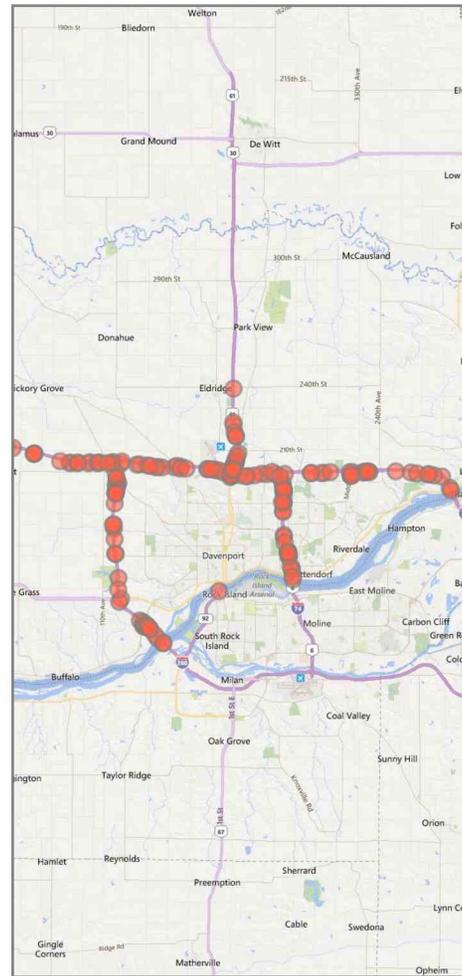
**COUNCIL BLUFFS**



**CEDAR RAPIDS / IOWA CITY**



**DAVENPORT**

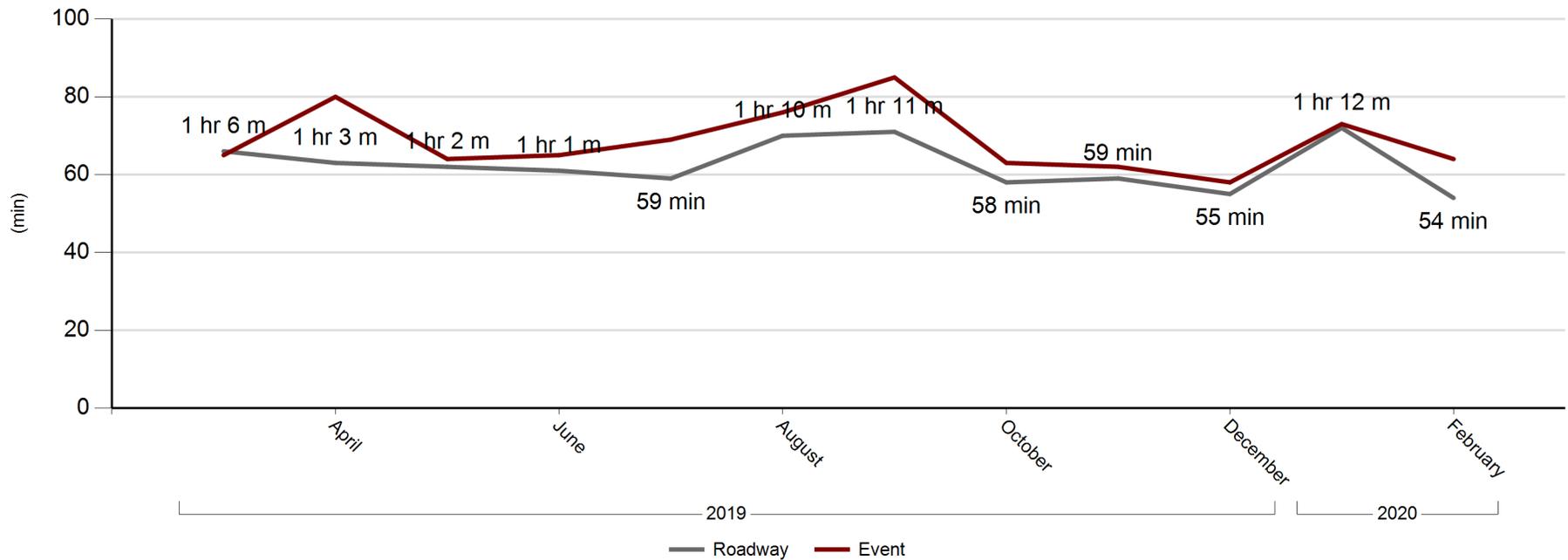


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 7 m</b>	58 min	1 hr 17 m	1 hr 22 m	1 hr 21 m	1 hr 57 m	1 hr 1 m
	Federal	1 hr 31 m	1 hr 30 m		1 hr 21 m		1 hr 30 m	1 hr 38 m
	Interstate	50 min	55 min	51 min	48 min	54 min		37 min
	State	1 hr 28 m	33 min	1 hr 56 m	1 hr 35 m	2 hr 15 m	3 hr 20 m	48 min
Roadway	All	<b>54 min</b>	45 min	1 hr 12 m	1 hr 6 m	1 hr 18 m	1 hr 57 m	45 min
	Federal	1 hr 12 m	1 hr 16 m	37 min	1 hr 18 m		1 hr 30 m	1 hr 4 m
	Interstate	39 min	40 min	45 min	42 min	50 min		31 min
	State	1 hr 18 m	26 min	1 hr 51 m	1 hr 7 m	2 hr 15 m	3 hr 20 m	48 min

All Roads (Interstate / Federal / State)

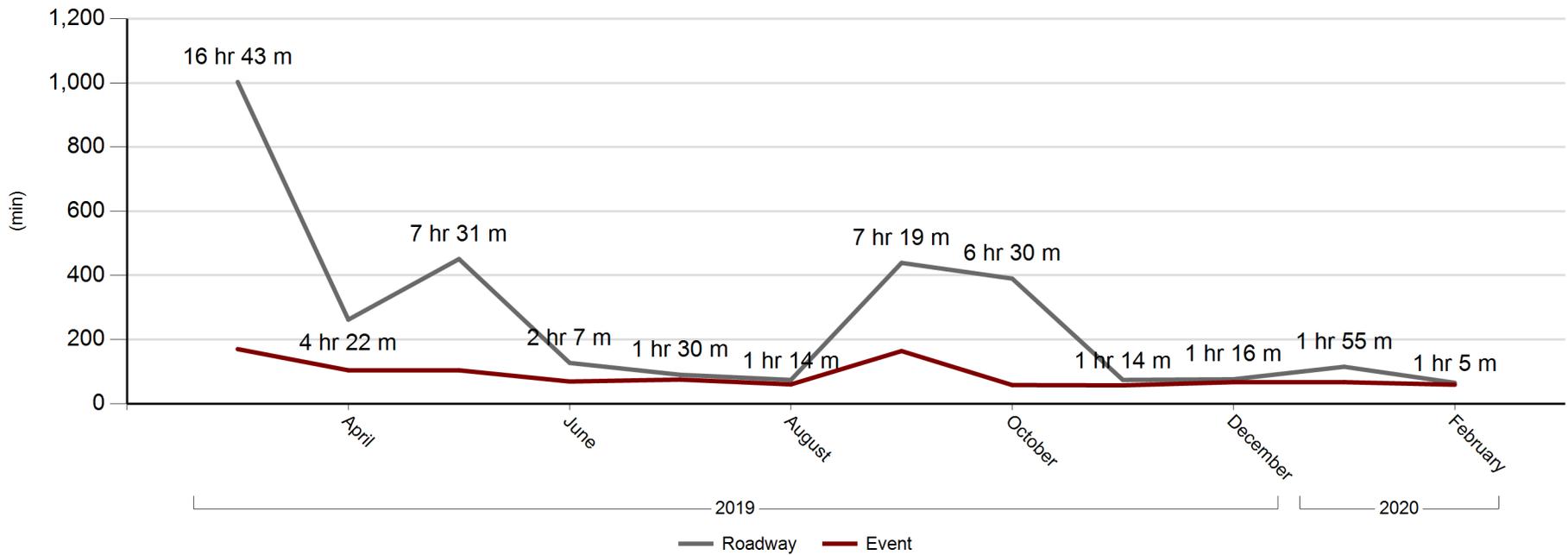


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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 10 m</b>	58 min	3 hr 46 m	1 hr 18 m	1 hr 8 m	2 hr 2 m	52 min
	Federal	1 hr 52 m	1 hr 29 m	21 hr 15 m	1 hr 15 m	34 min	2 hr 4 m	1 hr 14 m
	Interstate	54 min	54 min	1 hr 38 m	48 min	59 min	1 hr 21 m	44 min
	State	1 hr 22 m	41 min	2 hr 11 m	1 hr 30 m	2 hr 15 m	3 hr 20 m	35 min
Roadway	All	<b>1 hr 5 m</b>	45 min	3 hr 44 m	1 hr 9 m	1 hr 2 m	1 hr 47 m	51 min
	Federal	1 hr 29 m	1 hr 18 m	5 hr 38 m	1 hr 28 m	34 min	1 hr 44 m	48 min
	Interstate	47 min	40 min	1 hr 6 m	28 min	52 min	1 hr 9 m	55 min
	State	1 hr 47 m	32 min	5 hr 6 m	1 hr 11 m	2 hr 15 m	3 hr 20 m	32 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 : 1 hr 3 m)</b>								
	02/17 02:21 PM	<a href="#">120620</a>	IA-76				2 hr 42 m	Initial report of a single vehicle crash on IA-76 SB/NB at MM 9 (near Marquette).
	02/07 06:52 AM	<a href="#">119565</a>	IA-7			1	3 hr 13 m	Initial report of a single vehicle crash on IA-7 WB at MM 26 (near Newell).
	02/12 07:57 PM	<a href="#">120096</a>	I-80		1	1	2 hr 18 m	Initial report of a single vehicle crash on I-80 EB at MM 168 (near Newton).
	02/12 08:10 PM	<a href="#">120098</a>	I-80		1	2	2 hr 6 m	Initial report of a single vehicle crash on I-80 EB at MM 168 (near Newton).
	02/15 09:25 AM	<a href="#">120487</a>	IA-23	1	1		3 hr 20 m	Initial report of a single vehicle crash on IA-23 NB at MM 2 (near Fremont).
	02/16 10:32 AM	<a href="#">120541</a>	I-80		1	1	3 hr 6 m	Initial report of a single vehicle crash on I-80 EB at MM 36 (near Shelby).
<b>2 Vehicle Crash (Avg Impact : 48 min)</b>								
	02/20 07:13 AM	<a href="#">120917</a>	IA-92	1	1	1	5 hours	Initial report of a 2 vehicle crash on IA-92 WB at MM 89 (near Greenfield).
	02/18 09:05 PM	<a href="#">120767</a>	US-20		1	1	2 hr 6 m	Initial report of a 2 vehicle crash on US-20 EB at MM 316 in Dubuque.
	02/14 05:28 PM	<a href="#">120439</a>	US-20		1	2	3 hr 16 m	Initial report of a 2 vehicle crash on US-20 WB at MM 186 (near Wellsburg).
	02/18 09:02 PM	<a href="#">120766</a>	US-30		1		2 hr 39 m	Initial report of a 2 vehicle crash on US-30 EB at MM 250 in Cedar Rapids.
<b>3+ Vehicle Crash (Avg Impact : 53 min)</b>								
	02/12 09:19 PM	<a href="#">120104</a>	US-34		1	1	2 hr 9 m	Initial report of a 3+ vehicle crash on US-34 at MM 172 (near Albia).
	02/25 12:30 PM	<a href="#">121326</a>	US-18	1		1	2 hr 58 m	Initial report of a 3+ vehicle crash on US-18 WB at MM 32 (near Boyden).
<b>Emergency Vehicles (Avg Impact : 2 hr 41 m)</b>								
	02/10 12:31 PM	<a href="#">119827</a>	IA-76				21 hr 15 m	Initial report of an emergency vehicles event on IA 76 at MM 30 in Waukon.
<b>Stalled Vehicle (Avg Impact : 34 min)</b>								
	02/12 05:56 PM	<a href="#">120070</a>					2 hr 56 m	Initial report of a stalled vehicle on I-280 EB (near Davenport).
	02/14 03:02 PM	<a href="#">120414</a>	I-80			1	2 hr 57 m	Initial report of a stalled vehicle on I-80 EB at MM 47 (near Walnut).
<b>Vehicle Fire (Avg Impact : 1 hr 19 m)</b>								
	02/12 02:34 PM	<a href="#">120040</a>	I-80			1	4 hr 31 m	Initial report of a vehicle fire on I-80 WB at MM 26 (near Neola).
	02/21 04:53 AM	<a href="#">121027</a>	US-218			1	3 hr 45 m	Initial report of a vehicle fire on US-218 NB at MM 72 (near Ainsworth).

**SECONDARY INCIDENTS**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
<b>1 Vehicle Crash</b>								
Primary	02/12 07:57 PM	<a href="#">120096</a>	I-80		1	1	4 hours	Initial report of a single vehicle crash on I-80 EB at MM 168 (near Newton).
**	02/12 08:10 PM	<a href="#">120098</a>	I-80		1	2	3 hr 50 m	Initial report of a single vehicle crash on I-80 EB at MM 168 (near Newton).
<b>2 Vehicle Crash</b>								
Primary	02/11 05:05 PM	<a href="#">119955</a>	I-35				1 hr 55 m	Initial report of a 2 vehicle crash on I-35 NB at MM 106 (near Huxley).
**	02/11 05:43 PM	<a href="#">119958</a>	I-35				1 hr 17 m	Initial report of a 2 vehicle crash on I-35 NB at MM 106 (near Huxley).
Primary	02/20 05:05 PM	<a href="#">120993</a>	I-235				45 min	Initial report of a 2 vehicle crash on I-235 EB at MM 4 in Windsor Heights.
**	02/20 05:36 PM	<a href="#">121000</a>	I-235				45 min	Initial report of a 2 vehicle crash on I-235 EB at MM 1 in West Des Moines.
Primary	02/28 06:03 AM	<a href="#">121666</a>	IA-141		1	1	45 min	Initial report of a 2 vehicle crash on IA-141 WB at MM 135 (near Bouton).
**	02/28 06:06 AM	<a href="#">121667</a>	IA-141				45 min	Initial report of a 2 vehicle crash on IA-141 WB at MM 135 (near Bouton).
Primary	02/21 02:43 PM	<a href="#">121074</a>	I-35				45 min	Initial report of a 2 vehicle crash on I-35 SB at MM 107 (near Huxley).
**	02/21 03:47 PM	<a href="#">121082</a>	US-30				1 hr	Initial report of a 3+ vehicle crash on US-30 EB at MM 151 (near Ames).
Primary	02/27 04:45 PM	<a href="#">121609</a>	I-235				45 min	Initial report of a 2 vehicle crash on I-235 WB at MM 5 in Des Moines.
**	02/27 04:53 PM	<a href="#">121611</a>	I-235			1	45 min	Initial report of a 2 vehicle crash on I-235 WB at MM 5 in Des Moines.
<b>Vehicle Fire</b>								
Primary	02/18 05:55 AM	<a href="#">120678</a>	US-218				2 hr 5 m	Initial report of a vehicle fire on US-218 SB at MM 96 (near Coralville).
**	02/18 06:58 AM	<a href="#">120681</a>	US-218				45 min	Initial report of a 2 vehicle crash on US-218 SB at MM 96 (near Coralville).