



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

May 2020

This report contains statistical and operational data for TMC activities from the period of May 01, 2020 to May 31, 2020.

## Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
April	May
<b>1,581</b>	<b>2,114</b>

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
April	May
<b>3</b>	<b>5</b>

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
April	May
<b>53</b>	<b>77</b>

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
April	May
<b>162</b>	<b>191</b>

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
April	May
<b>1 hr 14 m</b>	<b>1 hr 19 m</b>

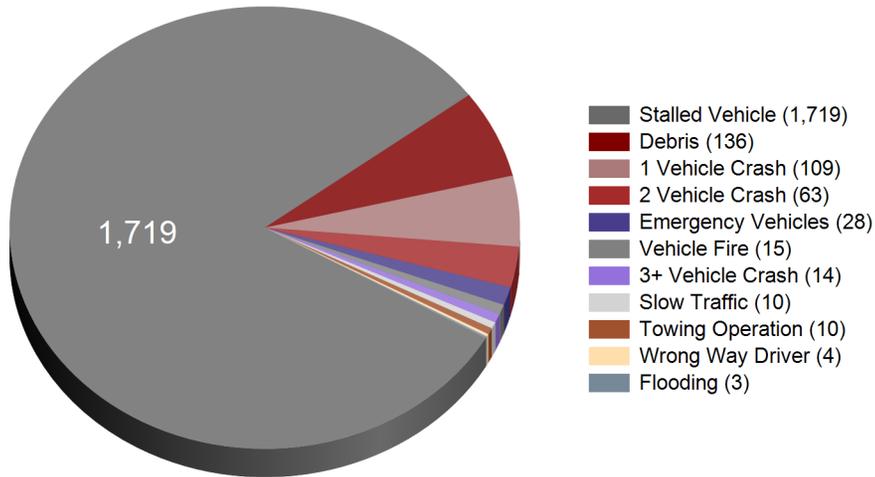
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
April	May
<b>807</b>	<b>1,017</b>

\* - excludes roadwork

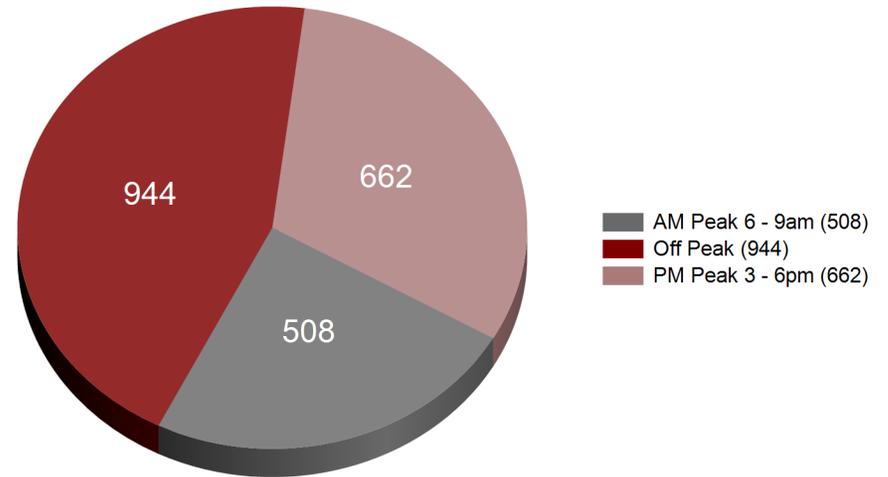
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

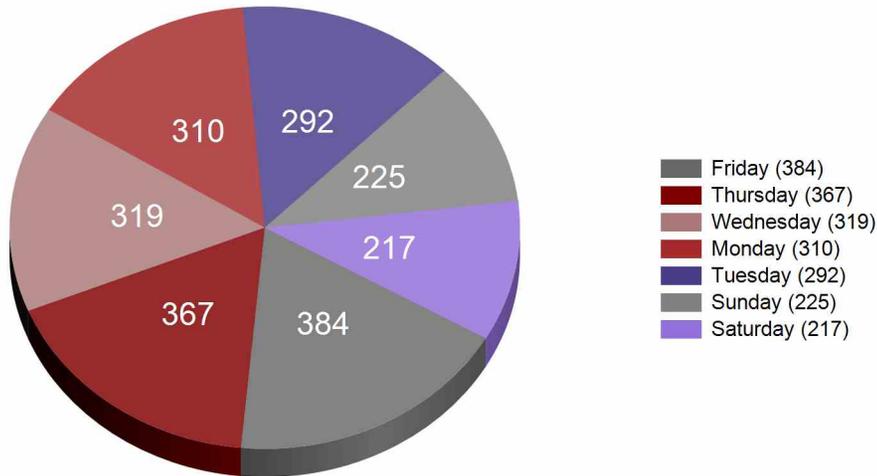
Incidents By Type



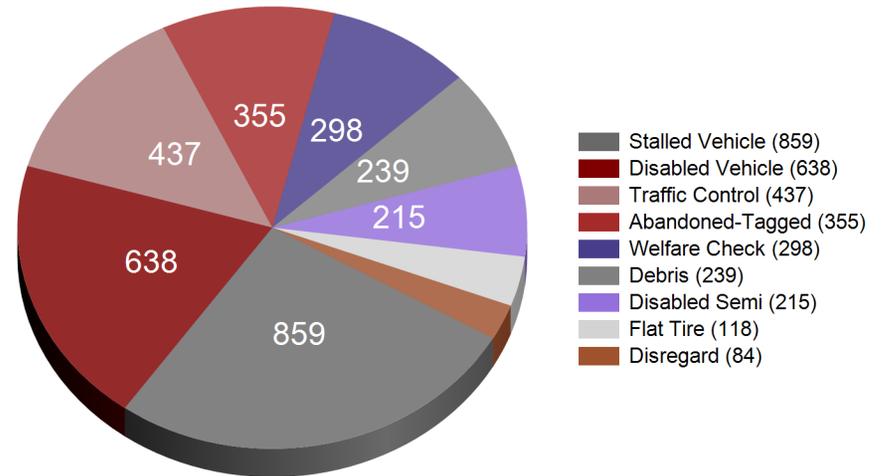
Incidents By Shift



Incidents By Day



Highway Helper Response

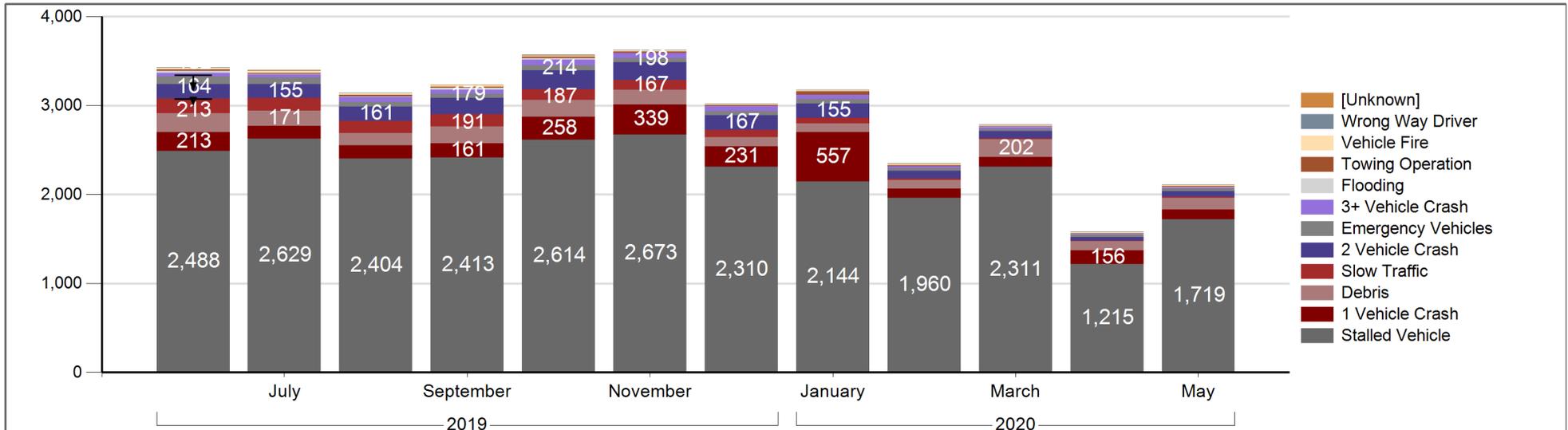


### INCIDENT TOTALS BY TYPE

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	1,719	81%	36 min	776	30	19	178	55	634
Debris	136	6%	23 min	67	4	7	14	7	36
1 Vehicle Crash	109	5%	1 hr 18 m	42	1	5	14	7	39
2 Vehicle Crash	63	3%	1 hr 19 m	24	1	3	6	3	26
Emergency Vehicles	28	1%	3 hr 26 m	6	2	3	8	1	7
Vehicle Fire	15	1%	1 hr 7 m	7	0	0	0	4	4
3+ Vehicle Crash	14	1%	1 hr 30 m	4	0	0	1	1	8
Slow Traffic	10	0%		6	0	0	1	0	3
Towing Operation	10	0%	4 hr 32 m	3	0	0	3	0	4
Wrong Way Driver	4	0%		0	0	0	0	2	2
Flooding	3	0%	2 hr 5 m	0	0	0	1	2	0
Grass Fire	2	0%	14 min	0	0	0	0	2	0
<b>Total</b>	<b>2,113</b>	<b>100%</b>	<b>1 hr 25 m</b>	<b>935</b>	<b>38</b>	<b>37</b>	<b>226</b>	<b>84</b>	<b>763</b>

\* - Totals include Highway Helper Incidents

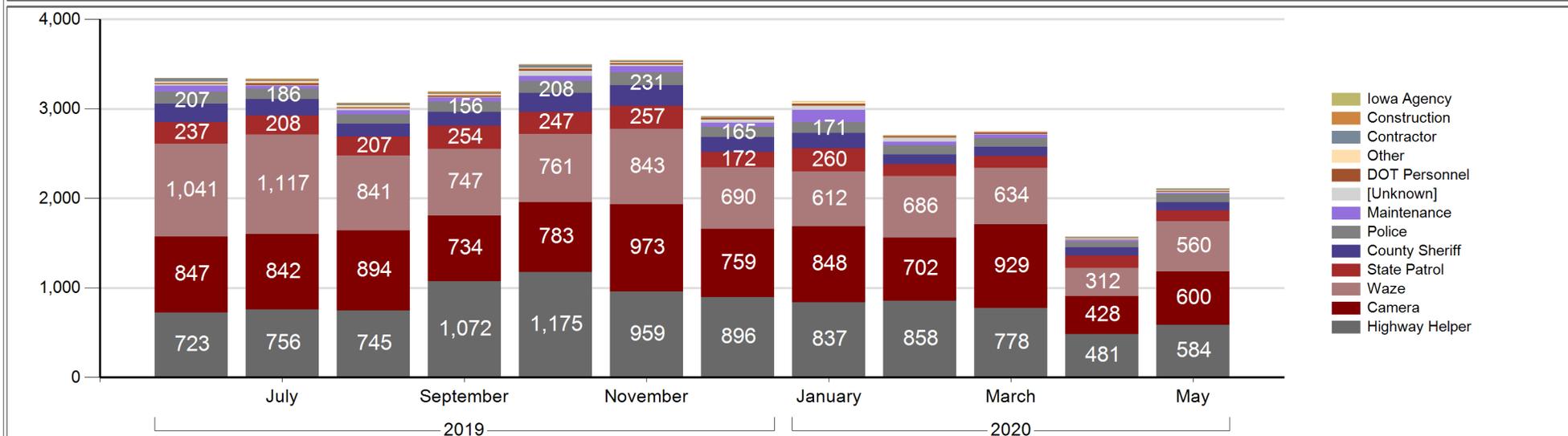


### INCIDENT TOTALS BY DETECTION TYPE

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*
Camera	600	28%	309	18	11	35	21	185
Highway Helper	584	28%	201	0	0	87	3	292
Waze	560	26%	250	12	7	64	29	193
State Patrol	120	6%	58	3	4	22	7	24
County Sheriff	91	4%	24	5	12	5	18	27
Police	90	4%	54	0	3	1	3	29
Other	31	1%	20	0	0	7	1	3
Maintenance	16	1%	3	0	0	0	3	9
Contractor	12	1%	11	0	0	1	0	0
DOT Personnel	8	0%	3	0	0	4	0	1
Construction	2	0%	2	0	0	0	0	0
<b>Total</b>	<b>2,114</b>	<b>100%</b>	<b>935</b>	<b>38</b>	<b>37</b>	<b>226</b>	<b>85</b>	<b>763</b>

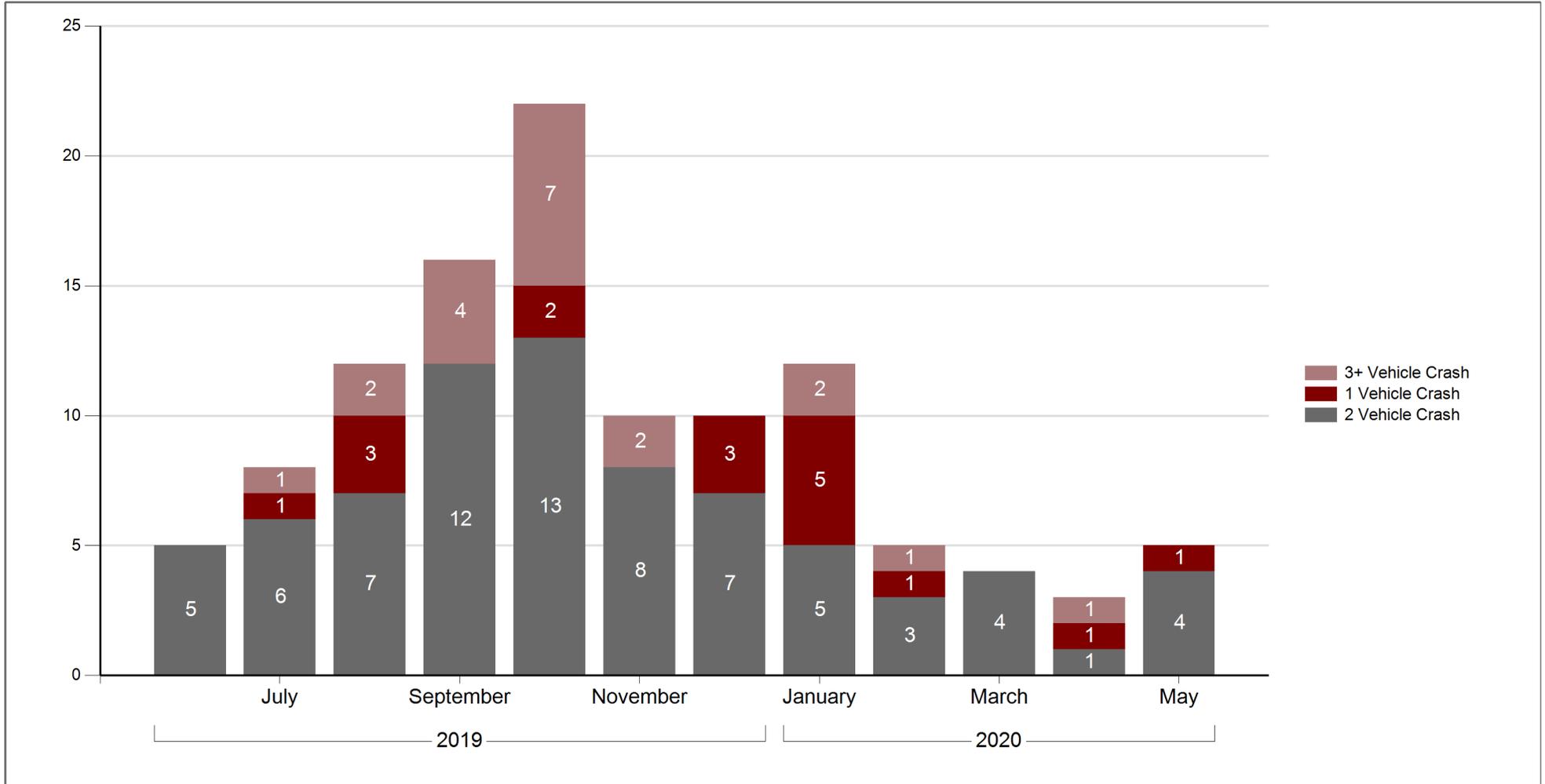
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

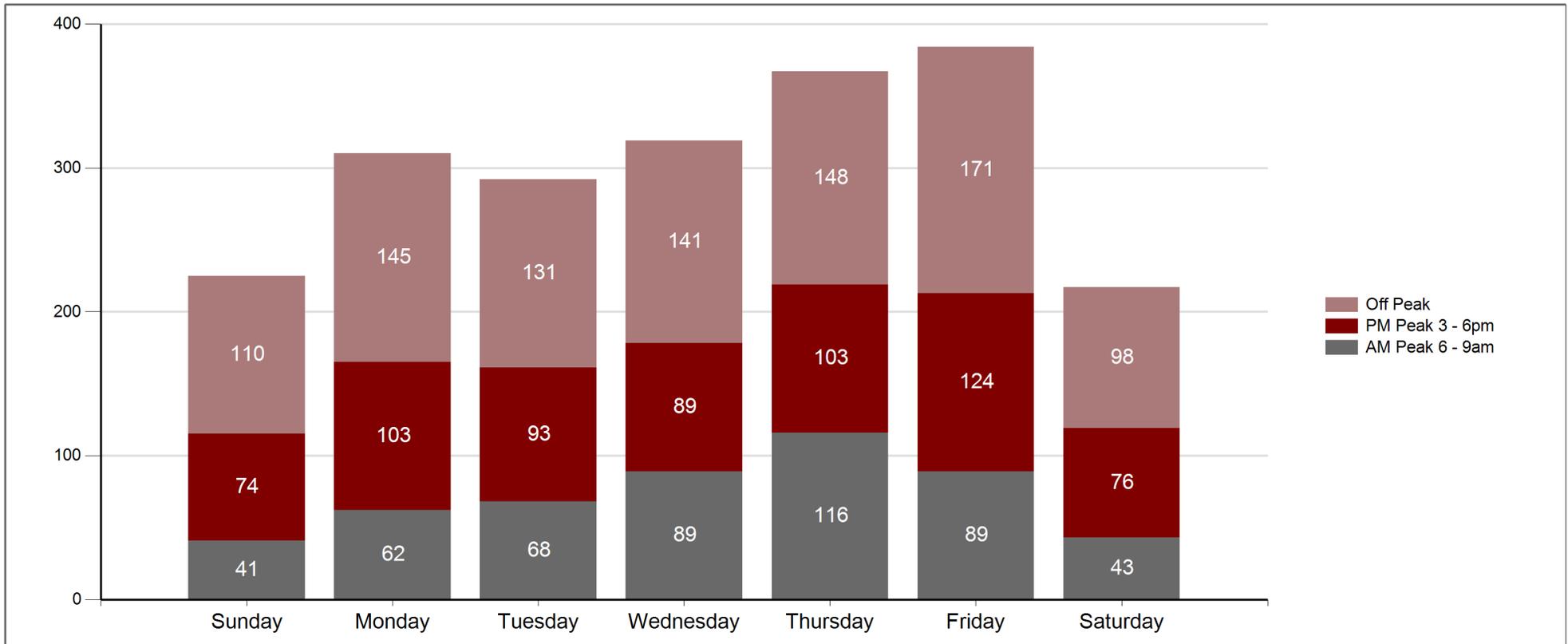
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	4	80%	20 min	1	0	0	1	0	2
1 Vehicle Crash	1	20%		1	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>100%</b>	<b>20 min</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>



### 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.

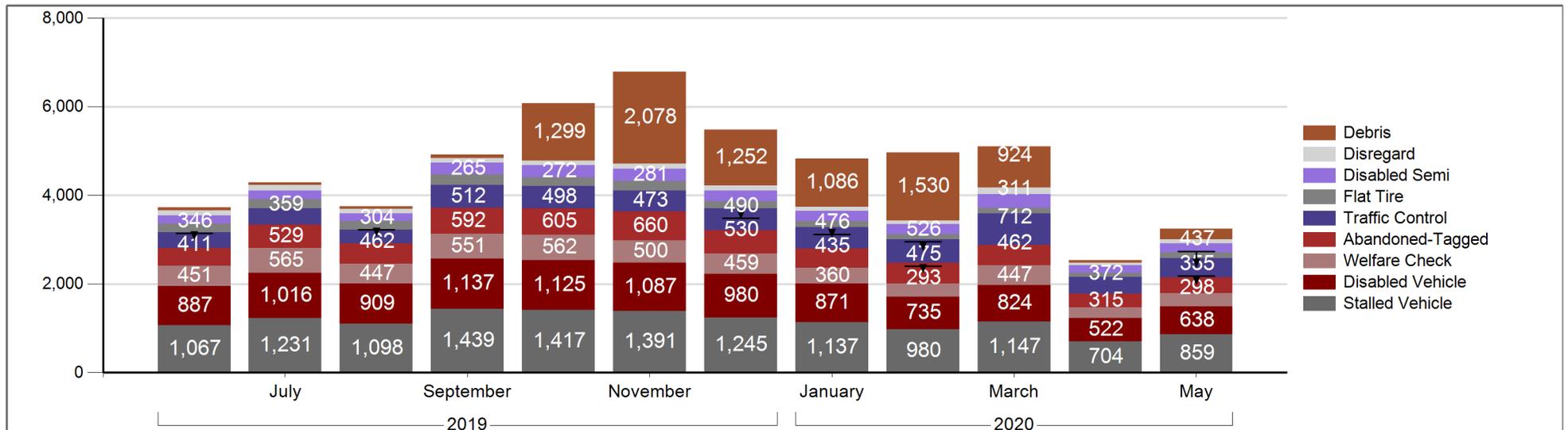
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	384	18%	1 hr 43 m	178	3	5	37	9	149
Thursday	367	17%	1 hr 9 m	144	5	8	43	16	148
Wednesday	319	15%	55 min	133	8	5	34	11	121
Monday	310	15%	51 min	141	2	4	28	16	112
Tuesday	292	14%	1 hr 36 m	128	7	1	32	11	108
Sunday	225	11%	2 hr 28 m	102	7	8	30	14	61
Saturday	217	10%	1 hr 28 m	109	6	6	22	8	64
<b>Total</b>	<b>2,114</b>	<b>100%</b>	<b>1 hr 43 m</b>	<b>935</b>	<b>38</b>	<b>37</b>	<b>226</b>	<b>85</b>	<b>763</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
Stalled Vehicle	859	24%	26 min		359	108	220	172
Disabled Vehicle	638	18%	18 min		278	90	160	110
Traffic Control	471	13%	44 min		214	52	122	83
Abandoned-Tagged	356	10%			142	48	98	68
Welfare Check	305	9%	16 min		114	41	70	80
Debris	239	7%	36 min		121	17	20	44
Disabled Semi	215	6%	44 min		75	20	59	61
Flat Tire	118	3%	11 min		57	17	27	17
Disregard	104	3%	4 min		51	10	27	16
Fuel	43	1%	14 min		19	7	6	11
2 Vehicle Crash	38	1%	1 hr 7 m		16	1	19	2
1 Vehicle Crash	35	1%	36 min		14	5	10	6
<b>Total</b>	<b>3,421</b>	<b>100%</b>	<b>49 min</b>		<b>1,460</b>	<b>416</b>	<b>838</b>	<b>670</b>



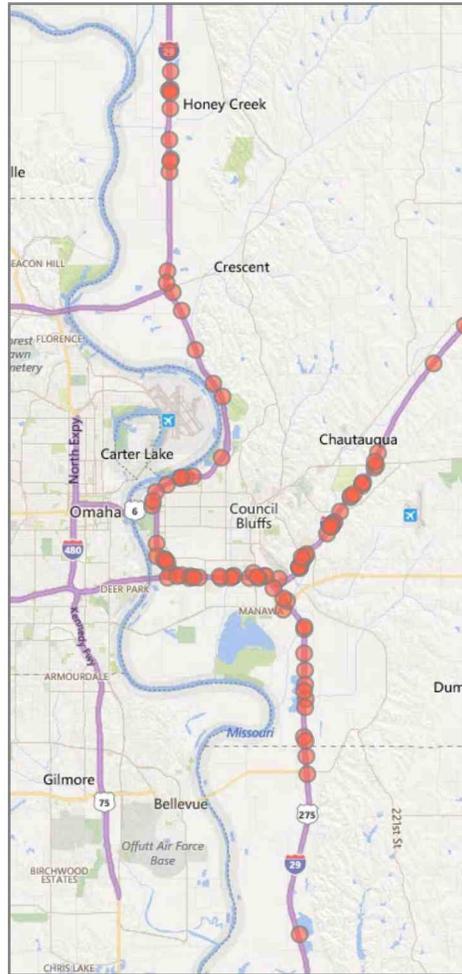
**HIGHWAY HELPER ASSIST BY LOCATION**

Highway Helper detected incidents and response locations.

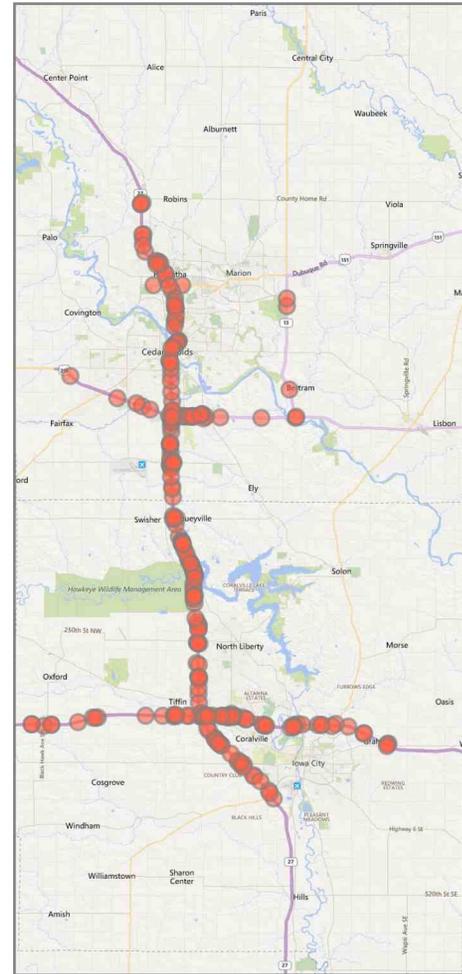
**DES MOINES**



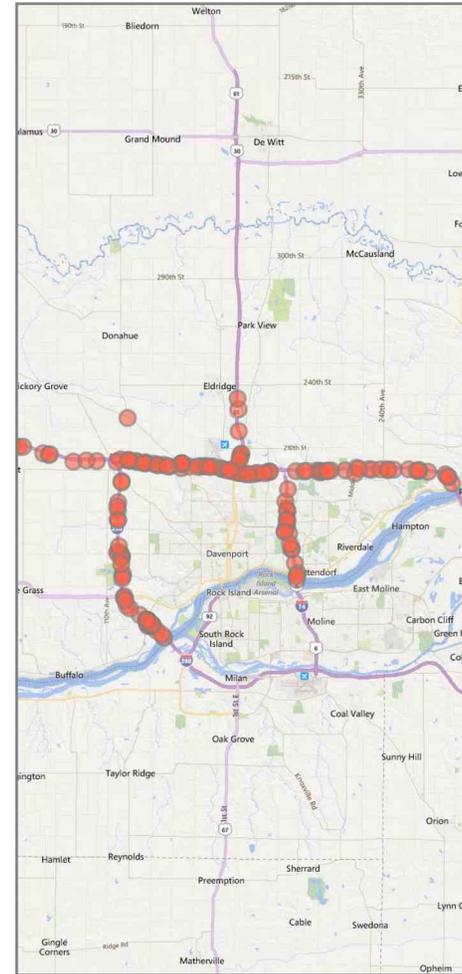
**COUNCIL BLUFFS**



**CEDAR RAPIDS / IOWA CITY**



**DAVENPORT**

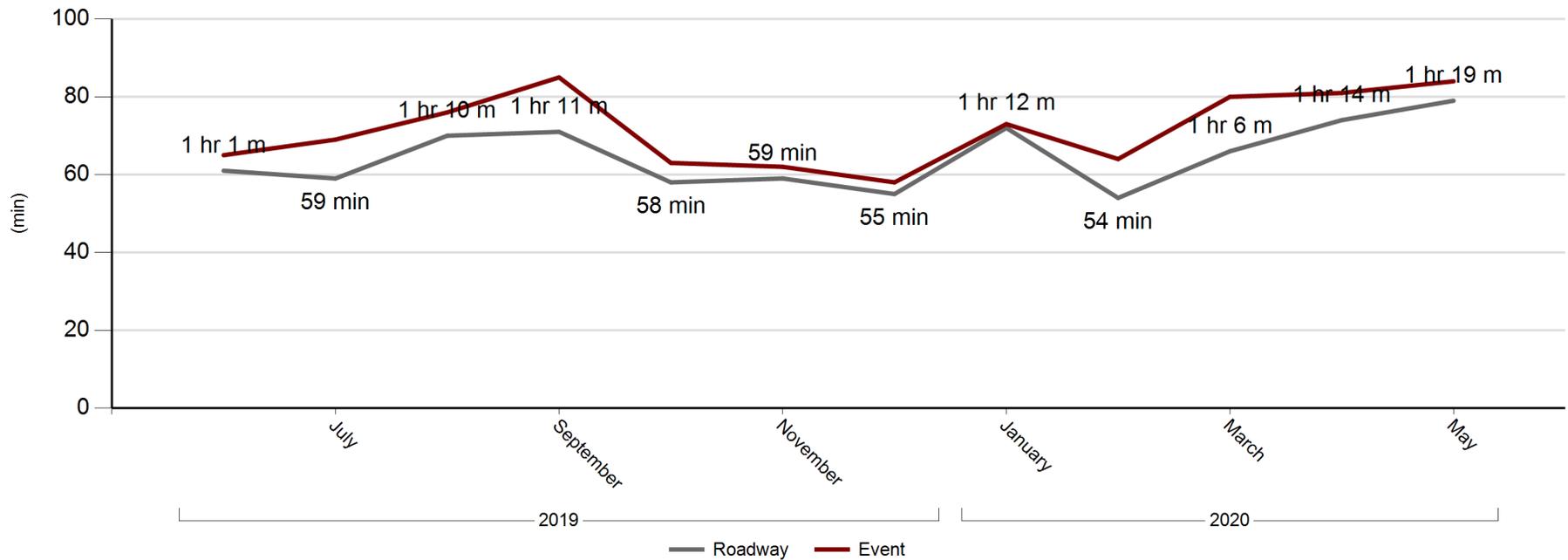


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 29 m</b>	48 min	4 hr 15 m	1 hr 43 m	1 hr 59 m	3 hr 4 m	1 hr 37 m
	Federal	2 hr 5 m	48 min	4 hr 15 m	2 hr 10 m	3 hr 31 m	3 hr 16 m	1 hr 37 m
	Interstate	1 hr 15 m	46 min		1 hr 54 m	1 hr 25 m	3 hr 41 m	1 hr 31 m
	State	2 hr 22 m	1 hr 31 m		14 min	5 hr 31 m	1 hr 13 m	2 hr 52 m
Roadway	All	<b>1 hr 19 m</b>	39 min	4 hr 15 m	1 hr 46 m	1 hr 37 m	2 hr 43 m	1 hr 30 m
	Federal	1 hr 53 m	25 min	4 hr 15 m	2 hr 15 m	3 hr 30 m	2 hr 37 m	1 hr 31 m
	Interstate	1 hr 6 m	37 min		1 hr 54 m	1 hr 10 m	3 hr 42 m	1 hr 23 m
	State	2 hr 4 m	1 hr 40 m		13 min	4 hr 10 m	1 hr 12 m	2 hr 47 m

All Roads (Interstate / Federal / State)

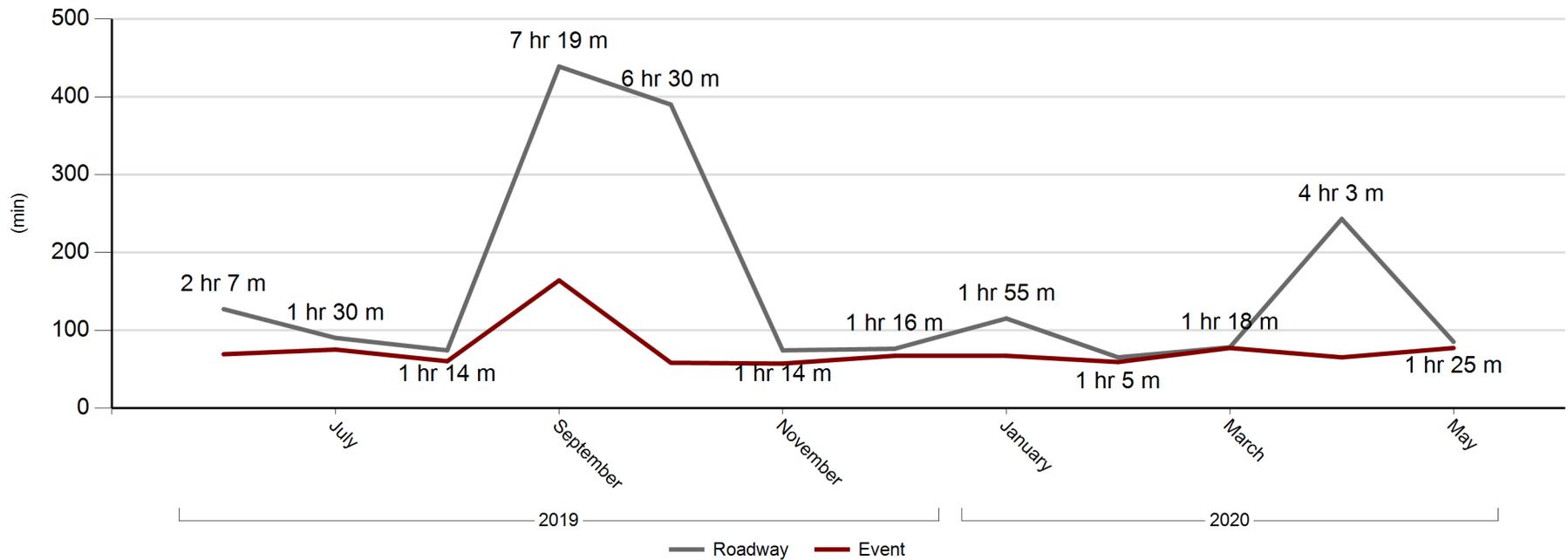


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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	<b>1 hr 29 m</b>	56 min	3 hr 14 m	1 hr 42 m	2 hr 25 m	2 hr 39 m	1 hr 28 m
	Federal	2 hours	54 min	3 hr 14 m	2 hr 10 m	1 hr 55 m	3 hr 6 m	1 hr 24 m
	Interstate	1 hr 19 m	55 min		1 hr 24 m	2 hr 18 m	2 hr 32 m	1 hr 25 m
	State	1 hr 58 m	1 hr 15 m		1 hr 20 m	5 hr 31 m	1 hr 58 m	2 hr 9 m
Roadway	All	<b>1 hr 25 m</b>	41 min	3 hr 13 m	1 hr 44 m	2 hr 56 m	1 hr 58 m	1 hr 29 m
	Federal	1 hr 50 m	36 min	3 hr 13 m	2 hr 7 m	1 hr 54 m	2 hours	2 hr 19 m
	Interstate	1 hr 18 m	41 min		1 hr 24 m	2 hr 59 m	2 hr 32 m	1 hr 14 m
	State	1 hr 37 m	51 min		1 hr 19 m	4 hr 10 m	1 hr 35 m	2 hr 2 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 18 m)</b>								
	05/16 05:18 AM	<a href="#">127259</a>	I-80			1	4 hr 55 m	Initial report of a single vehicle crash on I-80 WB at MM 272 (near Wilton).
	05/13 06:57 PM	<a href="#">127079</a>	I-380			1	4 hr 8 m	Initial report of a single vehicle crash on I-380 NB at MM 25 in Hiawatha.
	05/02 06:34 PM	<a href="#">126342</a>	US-6		2		3 hr 30 m	Initial report of a single vehicle crash on US-6 WB at MM 8 in Council Bluffs.
	05/28 11:54 AM	<a href="#">128201</a>	US-63			1	5 hr 45 m	Initial report of a single vehicle crash on US-63 NB at MM 53 (near Eddyville).
	05/06 05:16 AM	<a href="#">126525</a>	I-35		1		5 hr 21 m	Initial report of a single vehicle crash on I-35 SB at MM 53 (near St. Charles).
<b>2 Vehicle Crash (Avg Impact : 1 hr 19 m)</b>								
	05/08 06:01 PM	<a href="#">126754</a>	IA-25	1	3		4 hr 10 m	Initial report of a 2 vehicle crash on IA-25 SB at MM 49 (near Orient).
	05/22 01:05 PM	<a href="#">127737</a>	US-63		1		4 hr 15 m	Initial report of a 2 vehicle crash on US-63 SB at MM 209 (near New Hampton).
	05/29 08:02 AM	<a href="#">128266</a>	US-71	1		1	4 hr 42 m	Initial report of a 2 vehicle crash on US-71 NB at MM 190 (near Sioux Rapids).
	05/29 06:22 PM	<a href="#">128312</a>	I-380	1	1	1	8 hr 56 m	Initial report of a 2 vehicle crash on I-380 SB at MM 16 in Cedar Rapids.
<b>3+ Vehicle Crash (Avg Impact : 1 hr 30 m)</b>								
	05/14 02:06 PM	<a href="#">127132</a>	I-80		1		3 hr 39 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 74 (near Adair).
	05/12 04:32 PM	<a href="#">126984</a>	IA-100		1		4 hr 27 m	Initial report of a 3+ vehicle crash on IA-100 EB at MM 2 in Cedar Rapids.
<b>Emergency Vehicles (Avg Impact : 3 hr 26 m)</b>								
	05/31 06:22 PM	<a href="#">128421</a>	I-480				10 hr 43 m	Initial report of an emergency vehicles event on I-480 EB in Council Bluffs.
	05/31 06:35 PM	<a href="#">128422</a>	I-480				10 hr 31 m	Initial report of an emergency vehicles event on I-480 EB in Council Bluffs.
<b>Flooding (Avg Impact : 2 hr 5 m)</b>								
	05/02 04:11 AM	<a href="#">126313</a>	I-29				4 hr 21 m	Initial report of a flooding event on I-29 SB at MM 53 in Council Bluffs.
<b>Stalled Vehicle (Avg Impact : 36 min)</b>								
	05/22 07:30 AM	<a href="#">127714</a>	I-80				2 hr 53 m	Initial report of a stalled vehicle on I-80 EB at MM 175 (near Kellogg).
	05/27 06:34 PM	<a href="#">128134</a>	IA-163				2 hr 35 m	Initial report of a stalled vehicle on IA 163 WB at MM 5 in Pleasant Hill.
	05/14 08:15 PM	<a href="#">127176</a>	I-80				2 hr 40 m	Initial report of a stalled vehicle on I-80 EB at MM 290 in Davenport.
<b>Vehicle Fire (Avg Impact : 1 hr 7 m)</b>								
	05/19 02:32 PM	<a href="#">127487</a>	IA-163			1	4 hr 45 m	Initial report of a vehicle fire on IA-163 WB at MM 42 in Pella.

**SECONDARY INCIDENTS**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
<b>1 Vehicle Crash</b>								
Primary	05/13 11:05 PM	<a href="#">127083</a>	I-35				1 hr 16 m	Initial report of a single vehicle crash on I-35 NB at MM 94 in Ankeny.
**	05/13 11:40 PM	<a href="#">127084</a>	I-35				55 min	Initial report of a single vehicle crash on I-35 NB at MM 94 in Ankeny.
<b>1 Vehicle Crash</b>								
Primary	05/11 05:05 PM	<a href="#">126915</a>	US-218		1		30 min	Initial report of a single vehicle crash on US-218 SB at MM 95 (near Coralville).
**	05/11 05:14 PM	<a href="#">126917</a>	US-218				45 min	Initial report of a 2 vehicle crash on US-218 SB at MM 95 (near Coralville).
<b>3+ Vehicle Crash</b>								
Primary	05/14 02:06 PM	<a href="#">127132</a>	I-80		1		2 hr 54 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 74 (near Adair).
**	05/14 02:15 PM	<a href="#">127134</a>	I-80				45 min	Initial report of a 2 vehicle crash on I-80 EB at MM 74 (near Adair).
<b>3+ Vehicle Crash</b>								
Primary	05/18 01:29 PM	<a href="#">127392</a>	I-380		1	2	1 hr	Initial report of a 3+ vehicle crash on I-380 SB at MM 16 in Cedar Rapids.
**	05/18 01:45 PM	<a href="#">127394</a>	I-380				45 min	Initial report of a 2 vehicle crash on I-380 SB at MM 17 in Cedar Rapids.
<b>Vehicle Fire</b>								
Primary	05/27 08:03 AM	<a href="#">128083</a>	I-235				1 hr	Initial report of a vehicle fire on I-235 WB at MM 2 in West Des Moines.
**	05/27 08:18 AM	<a href="#">128085</a>	I-235				45 min	Initial report of a 2 vehicle crash on I-235 WB at MM 2 in West Des Moines.