



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

October 2019

This report contains statistical and operational data for TMC activities from the period of October 01, 2019 to October 31, 2019.

## Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
September	October
<b>3,239</b>	<b>3,573</b>

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
September	October
<b>16</b>	<b>24</b>

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
September	October
<b>226</b>	<b>280</b>

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
September	October
<b>338</b>	<b>368</b>

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
September	October
<b>1 hr 11 m</b>	<b>58 min</b>

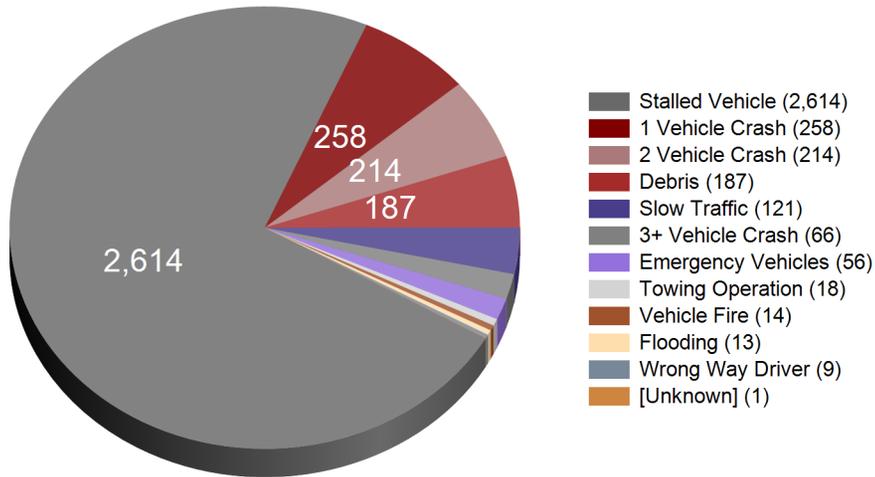
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
September	October
<b>1,676</b>	<b>1,680</b>

\* - excludes roadwork

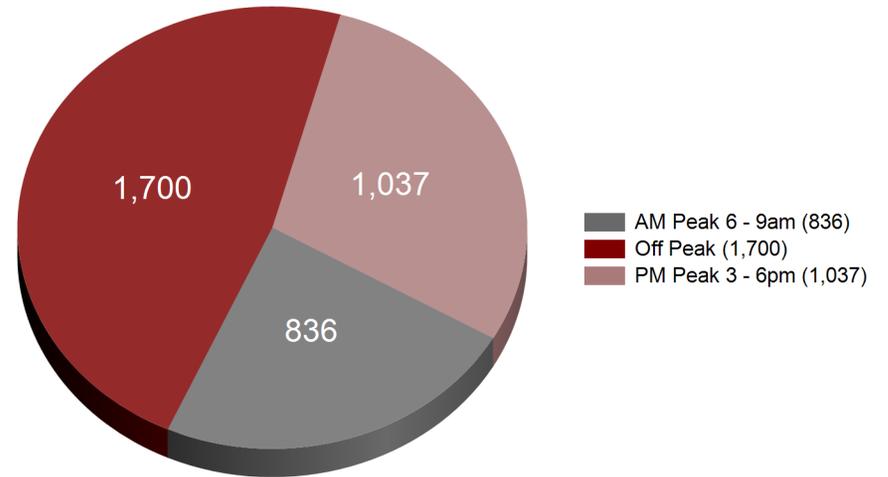
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

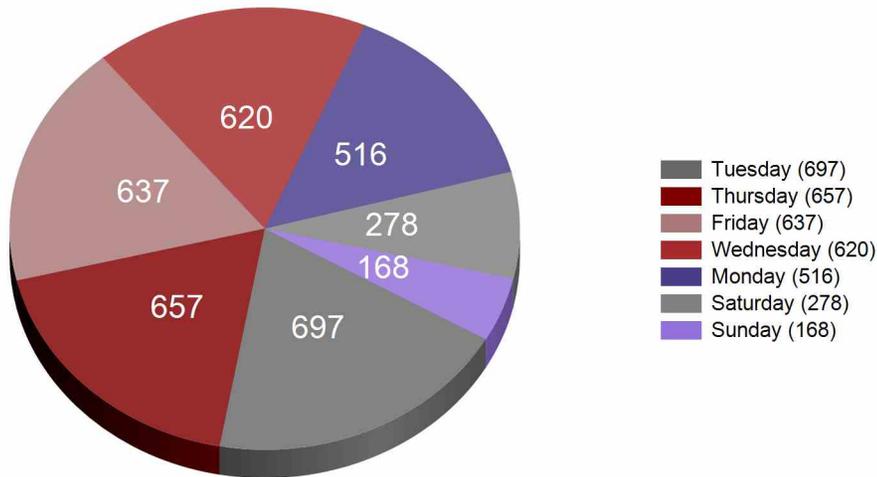
Incidents By Type



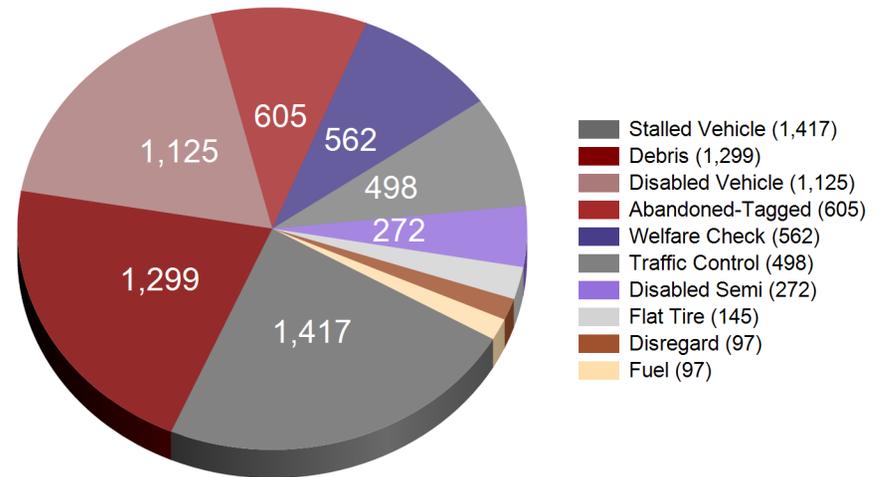
Incidents By Shift



Incidents By Day



Highway Helper Response

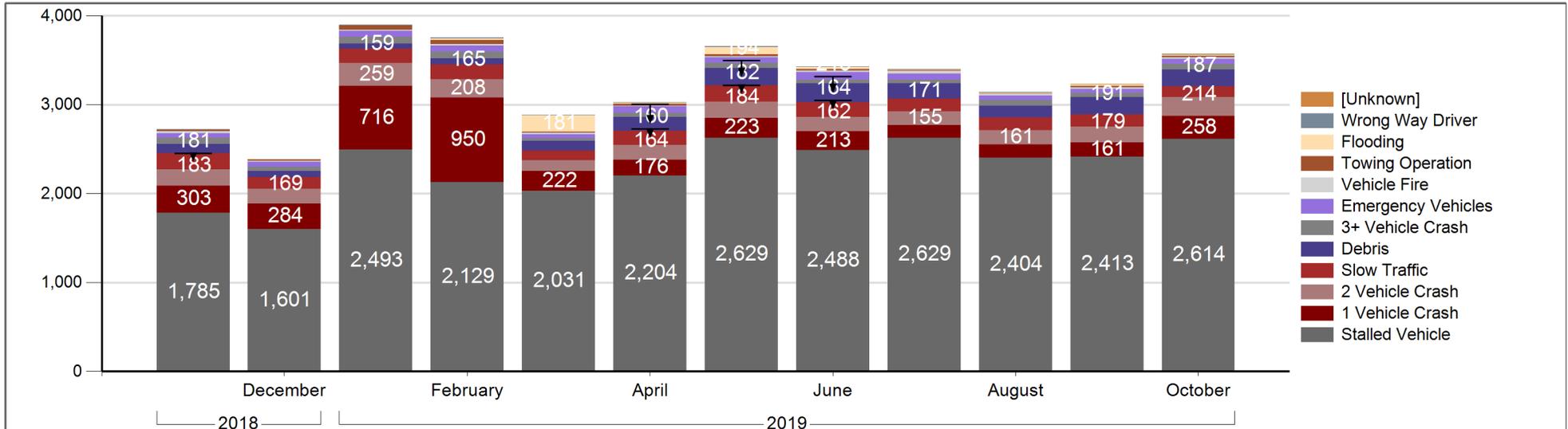


### INCIDENT TOTALS BY TYPE

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	2,614	73%	31 min	1,164	44	35	338	74	920
1 Vehicle Crash	258	7%	1 hr 3 m	88	3	13	41	15	98
2 Vehicle Crash	214	6%	55 min	95	5	11	16	17	70
Debris	187	5%	41 min	64	18	19	17	9	60
Slow Traffic	121	3%		78	12	2	6	0	23
3+ Vehicle Crash	66	2%	57 min	37	2	0	8	2	17
Emergency Vehicles	56	2%	1 hr 23 m	17	2	6	9	9	13
Towing Operation	18	1%	4 hr 10 m	4	0	0	6	1	7
Vehicle Fire	14	0%	39 min	2	0	0	3	0	7
Flooding	13	0%	7 days	1	0	0	8	0	4
Wrong Way Driver	9	0%		0	0	0	0	0	9
[Unknown]	1	0%		0	0	0	0	0	1
<b>Total</b>	<b>3,571</b>	<b>100%</b>	<b>6 hr 30 m</b>	<b>1,550</b>	<b>86</b>	<b>86</b>	<b>452</b>	<b>127</b>	<b>1,229</b>

\* - Totals include Highway Helper Incidents

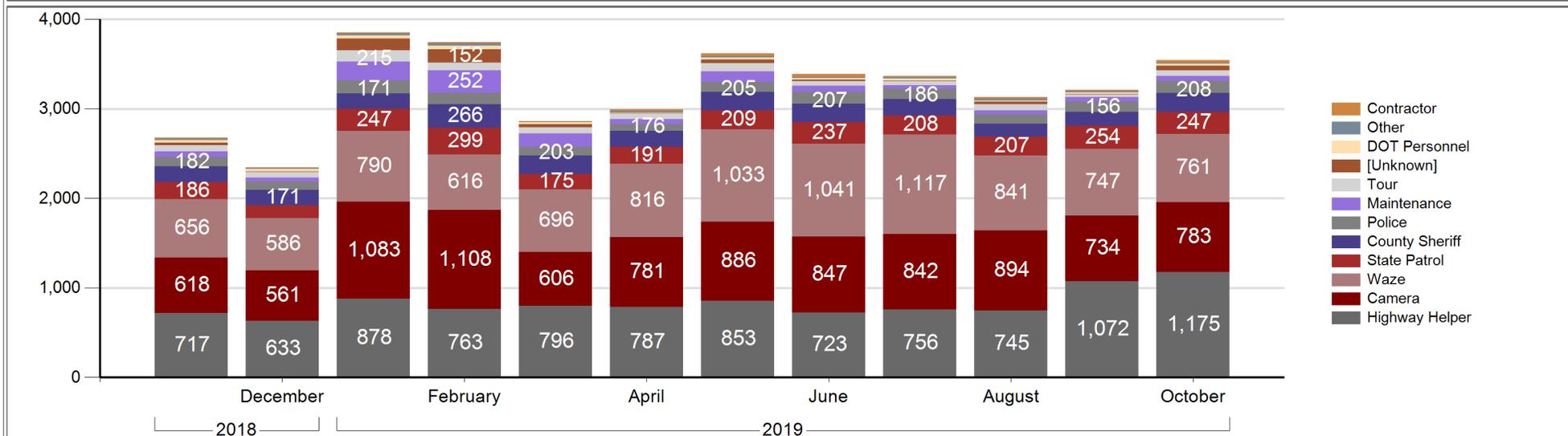


### INCIDENT TOTALS BY DETECTION TYPE

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	1,175	33%	437	0	0	208	14	515
Camera	783	22%	398	20	16	68	27	226
Waze	761	21%	359	19	23	82	25	243
State Patrol	247	7%	118	0	8	38	23	60
County Sheriff	208	6%	46	20	26	18	18	80
Police	133	4%	72	3	8	6	0	42
Other	92	3%	50	10	2	5	5	20
Tour	62	2%	37	4	2	8	3	8
Maintenance	61	2%	14	0	1	12	6	28
Contractor	29	1%	12	9	0	1	5	2
DOT Personnel	22	1%	8	1	0	6	1	6
<b>Total</b>	<b>3,573</b>	<b>100%</b>	<b>1,551</b>	<b>86</b>	<b>86</b>	<b>452</b>	<b>127</b>	<b>1,230</b>

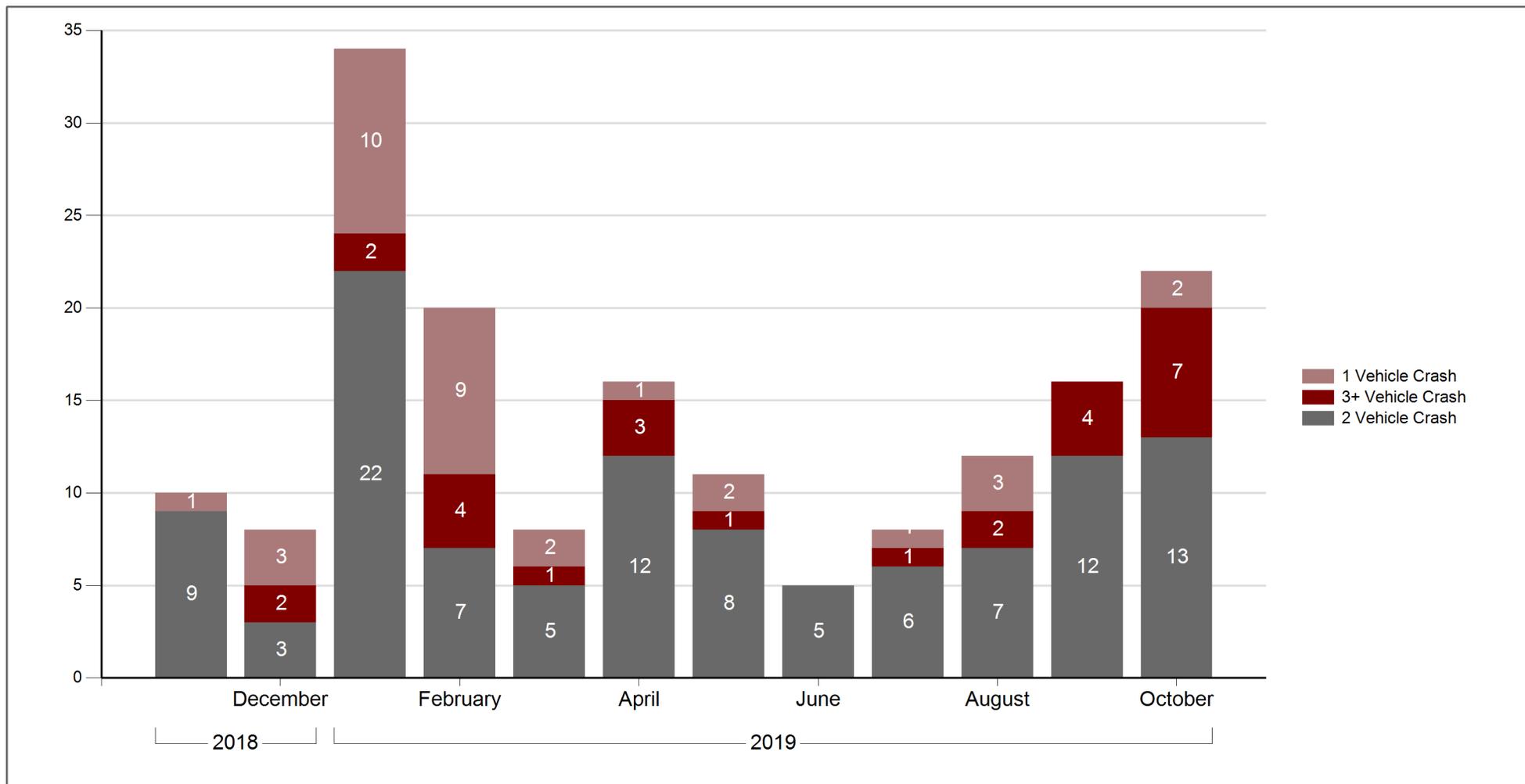
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

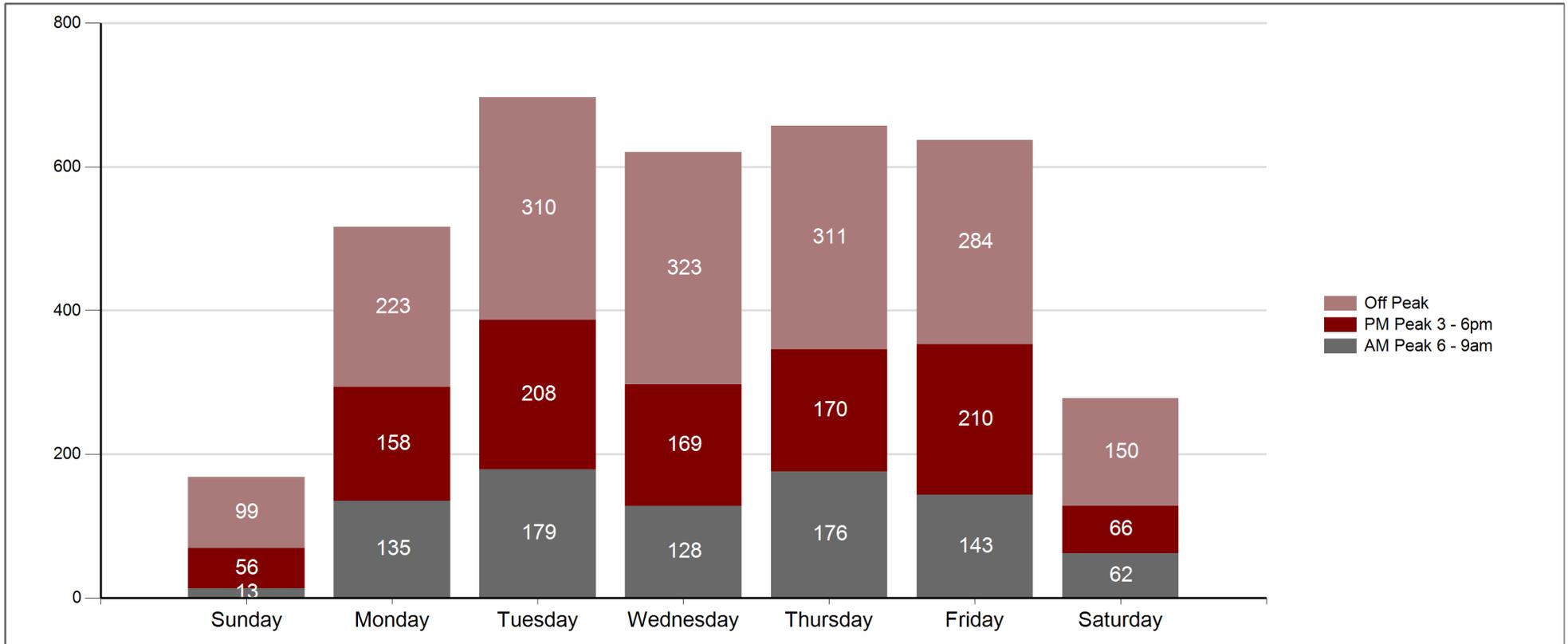
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	13	59%	9 min	6	0	0	1	0	6
3+ Vehicle Crash	7	32%	49 min	4	0	0	0	0	3
1 Vehicle Crash	2	9%		2	0	0	0	0	0
<b>Total</b>	<b>22</b>	<b>100%</b>	<b>35 min</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>9</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.

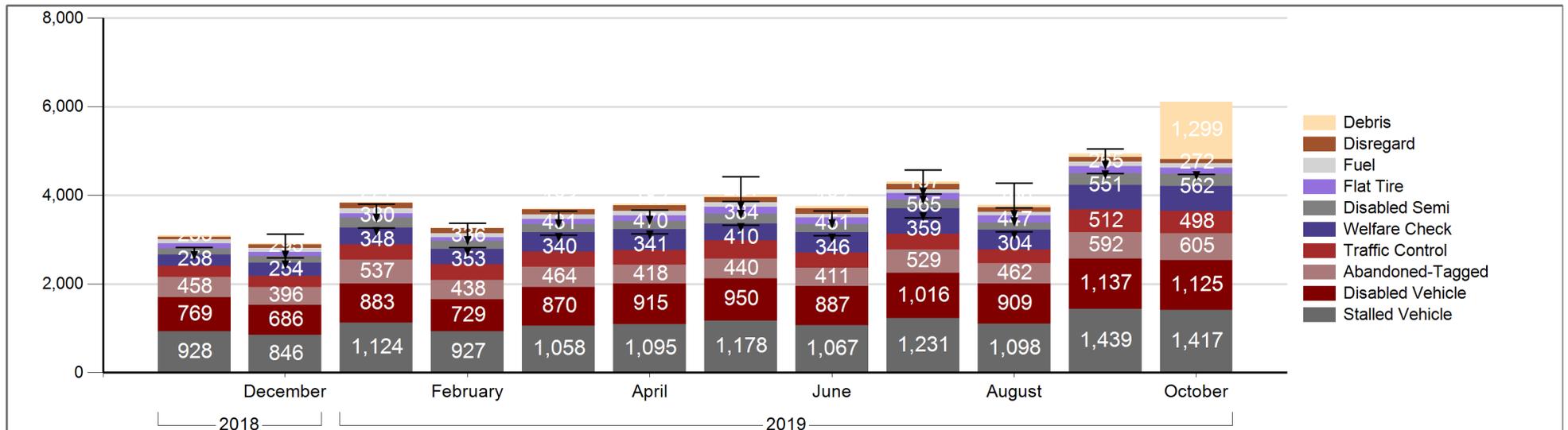
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	697	20%	59 min	309	13	21	96	21	229
Thursday	657	18%	1 hr 9 m	279	13	13	75	28	245
Friday	637	18%	1 day 1 hr 58 m	265	21	11	84	25	228
Wednesday	620	17%	1 hr 57 m	258	18	16	71	20	226
Monday	516	14%	1 hr 1 m	232	10	10	80	15	164
Saturday	278	8%	1 hr 6 m	133	8	12	26	8	86
Sunday	168	5%	4 hr 15 m	75	3	3	20	10	52
<b>Total</b>	<b>3,573</b>	<b>100%</b>	<b>59 min</b>	<b>1,551</b>	<b>86</b>	<b>86</b>	<b>452</b>	<b>127</b>	<b>1,230</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	1,417	21%	25 min		616	206	395	181
Debris	1,299	19%	45 min		380	154	539	225
Disabled Vehicle	1,125	17%	26 min		525	153	291	142
Abandoned-Tagged	611	9%	1 hr 25 m		313	82	142	66
Welfare Check	569	8%	35 min		207	96	195	65
Traffic Control	548	8%	46 min		227	71	162	82
Disabled Semi	272	4%	22 min		87	47	97	37
Flat Tire	201	3%	16 min		89	28	56	27
Fuel	128	2%	23 min		56	20	27	22
Disregard	108	2%	37 min		48	8	37	13
2 Vehicle Crash	88	1%	51 min		48	7	20	10
1 Vehicle Crash	79	1%	1 hr 2 m		20	11	37	8
<b>Total</b>	<b>6,445</b>	<b>100%</b>	<b>44 min</b>		<b>2,616</b>	<b>883</b>	<b>1,998</b>	<b>878</b>



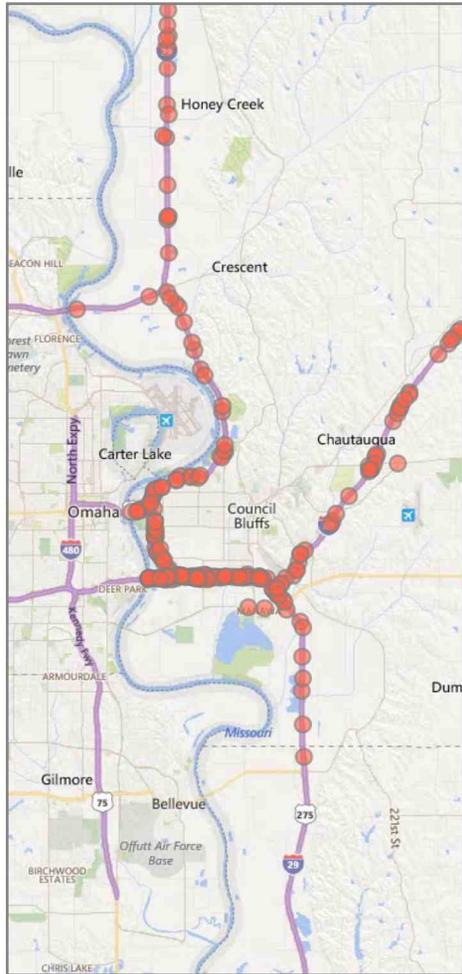
**HIGHWAY HELPER ASSIST BY LOCATION**

Highway Helper detected incidents and response locations.

**DES MOINES**



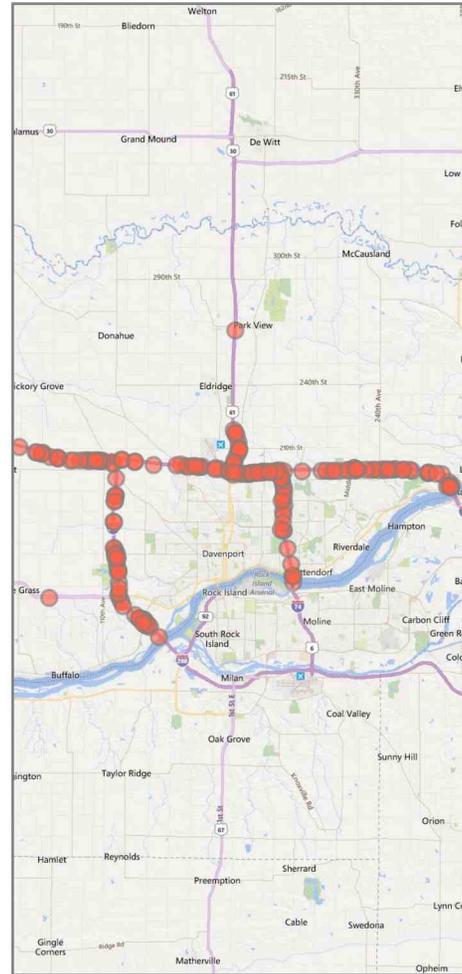
**COUNCIL BLUFFS**



**CEDAR RAPIDS / IOWA CITY**



**DAVENPORT**

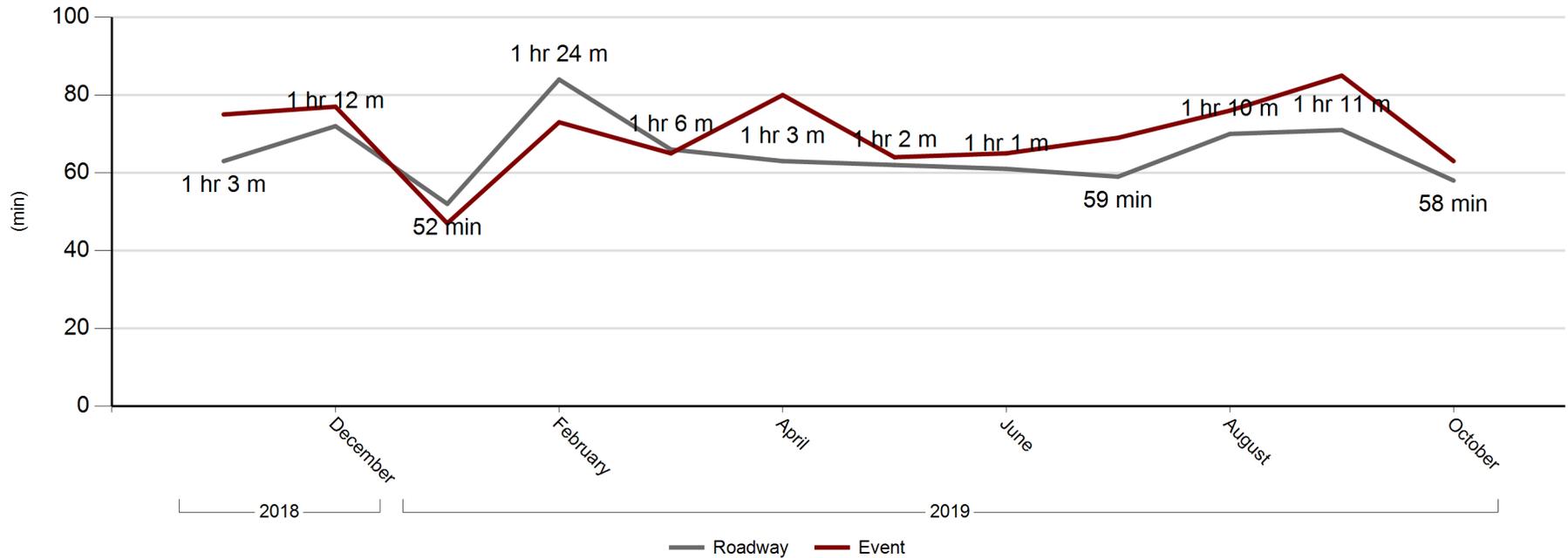


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 13 m</b>	1 hr 7 m	1 hr 15 m	1 hr 7 m	1 hr 28 m	1 hr 44 m	1 hr 9 m
	Federal	1 hr 22 m	58 min	36 min	38 min	3 hr 39 m	2 hr 17 m	56 min
	Interstate	1 hr 8 m	1 hr 2 m	3 hr 11 m	21 min	1 hr 10 m		1 hr 13 m
	State	1 hr 43 m	3 hr 25 m		2 hr 51 m	1 hr 4 m	1 hr 11 m	39 min
Roadway	All	<b>58 min</b>	55 min	1 hr 1 m	31 min	1 hr 9 m	1 hr 37 m	53 min
	Federal	1 hr 10 m	54 min	29 min	32 min	3 hr 38 m	2 hr 8 m	55 min
	Interstate	52 min	48 min	3 hr 11 m	21 min	54 min		54 min
	State	1 hr 20 m	2 hr 51 m		32 min	51 min	1 hr 10 m	24 min

All Roads (Interstate / Federal / State)

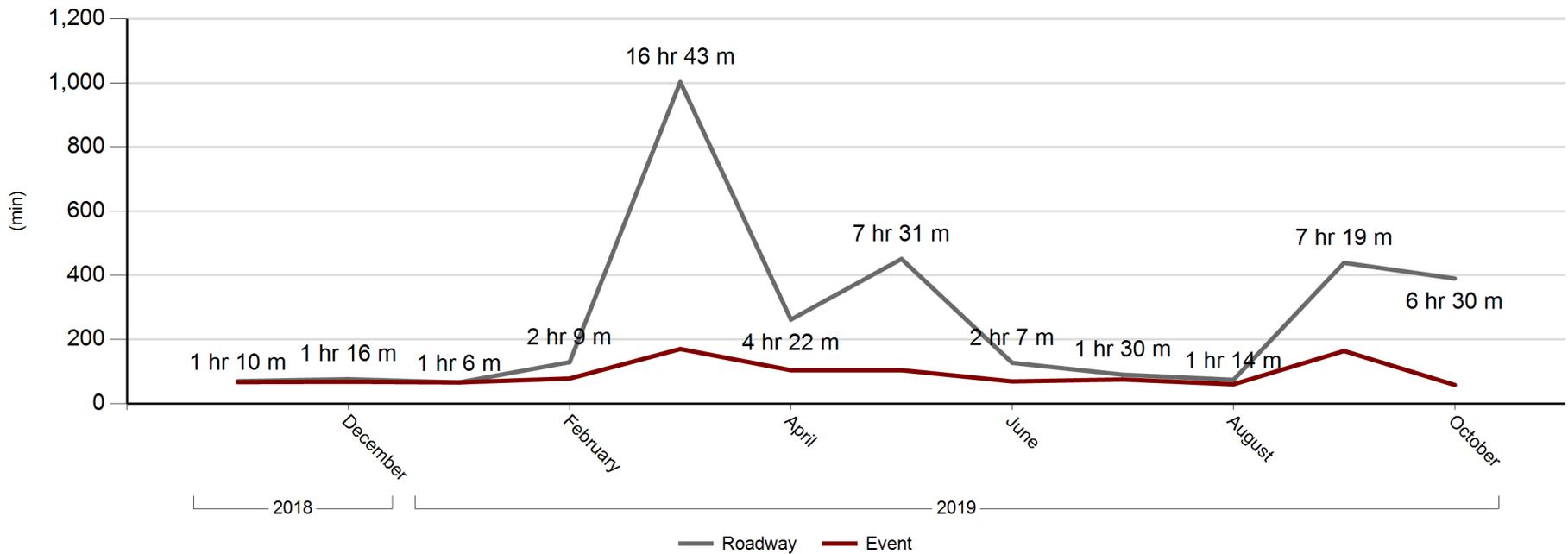


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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 21 m</b>	1 hr 1 m	1 hr 25 m	59 min	1 hr 22 m	1 hr 38 m	1 hr 40 m
	Federal	1 hr 33 m	1 hr 5 m	1 hr 5 m	38 min	3 hr 39 m	2 hr 17 m	1 hr 27 m
	Interstate	1 hr 13 m	56 min	2 hr 14 m	16 min	1 hr 12 m		1 hr 35 m
	State	1 hr 59 m	2 hr 15 m	1 hr 6 m	2 hr 2 m	55 min	1 hr 5 m	5 hr 17 m
Roadway	All	<b>6 hr 30 m</b>	54 min	1 hr 11 m	57 min	1 day 8 hr	1 hr 29 m	1 hr 18 m
	Federal	1 hr 24 m	53 min	47 min	46 min	3 hr 19 m	2 hr 10 m	1 hr 14 m
	Interstate	9 hr 14 m	46 min	2 hr 14 m	1 hr 59 m	1 day 17 hr	1 hr 38 m	1 hr 4 m
	State	1 hr 41 m	1 hr 59 m	1 hr 18 m	30 min	40 min	1 hr 5 m	4 hr 14 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 3 m)</b>								
	10/05 11:36 AM	<a href="#">105660</a>	IA-4			1	7 hr 52 m	Initial report of a single vehicle crash on IA-4 NB at MM 45 (near Lohrville).
	10/11 11:24 AM	<a href="#">106228</a>	I-35			1	3 hr 6 m	Initial report of a single vehicle crash on I-35 NB at MM 143 (near Williams).
	10/05 06:06 AM	<a href="#">105653</a>	I-35		1	1	2 hr 30 m	Initial report of a single vehicle crash on I-35 SB at MM 135 (near Ellsworth).
	10/31 02:43 AM	<a href="#">108570</a>	I-35			1	2 hr 42 m	Initial report of a single vehicle crash on I-35 NB at MM 109 (near Kelley).
	10/29 11:44 AM	<a href="#">108323</a>	US-218			1	3 hr 2 m	Initial report of a single vehicle crash on US-218 SB at MM 67 (near Ainsworth).
	10/31 05:56 AM	<a href="#">108586</a>	I-380			1	2 hr 25 m	Initial report of a single vehicle crash on I-380 SB at MM 29 in Hiawatha.
	10/09 09:11 PM	<a href="#">106072</a>	I-80			1	3 hr 15 m	Initial report of a single vehicle crash on I-80 WB at MM 248 (near Iowa City).
<b>2 Vehicle Crash (Avg Impact : 55 min)</b>								
	10/06 01:07 PM	<a href="#">105706</a>	US-30	1			2 hr 23 m	Initial report of a single vehicle crash on US-30 EB at MM 243 (near Atkins).
	10/31 07:01 AM	<a href="#">108602</a>	I-380		3		3 hr 47 m	Initial report of a 2 vehicle crash on I-380 SB at MM 58 (near La Porte City).
	10/30 12:17 AM	<a href="#">108404</a>	I-380		2		3 hr 11 m	Initial report of a 2 vehicle crash on I-380 NB at MM 65 (near Raymond).
	10/29 07:07 PM	<a href="#">108388</a>	I-80		1	1	3 hr 29 m	Initial report of a 2 vehicle crash on I-80 EB at MM 218 (near Williamsburg).
	10/16 07:22 PM	<a href="#">106803</a>	I-80		1	2	2 hr 25 m	Initial report of a 2 vehicle crash on I-80 EB at MM 253 (near West Branch).
	10/13 02:39 PM	<a href="#">106443</a>	IA-2	1	1		2 hr 59 m	Initial report of a 2 vehicle crash on IA-2 WB at MM 250 (near Donnellson).
	10/31 08:53 AM	<a href="#">108629</a>	IA-137				2 hr 19 m	Initial report of a 2 vehicle crash on IA-137 SB at MM 13 (near Eddyville).
	10/11 11:39 PM	<a href="#">106326</a>	I-80			2	2 hr 37 m	Initial report of a 2 vehicle crash on I-80 EB at MM 188 (near Malcom).
	10/11 03:55 PM	<a href="#">106275</a>	US-63	1	7		2 hr 52 m	Initial report of a 2 vehicle crash on US-63 SB at MM 46 (near Chillicothe).
	10/21 06:30 AM	<a href="#">107333</a>	I-80		1	1	3 hr 26 m	Initial report of a 2 vehicle crash on I-80 WB at MM 142 in Altoona.
	10/16 07:44 AM	<a href="#">106725</a>	US-6		5	1	4 hr 38 m	Initial report of a 2 vehicle crash on US-6 WB/EB at MM 8 (near Council Bluffs).
<b>3+ Vehicle Crash (Avg Impact : 57 min)</b>								
	10/14 11:16 AM	<a href="#">106509</a>	US-59		3	1	4 hr 15 m	Initial report of a 3 vehicle crash on US-59 SB at MM 66 (near Avoca).
	10/30 07:10 AM	<a href="#">108416</a>	US-63	1			3 hr 35 m	Initial report of a 3+ vehicle crash on US-63 SB at MM 33 (near Ottumwa).
	10/28 11:28 PM	<a href="#">108233</a>	I-80		1	2	2 hr 52 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 27 (near Minden).
	10/28 11:55 PM	<a href="#">108236</a>	I-480		1		2 hr 10 m	Initial report of a 3+ vehicle crash on I-480 WB in Council Bluffs.

**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Debris (Avg Impact : 41 min)								
	10/18 09:34 AM	<a href="#">107024</a>	US-151				2 hr 8 m	Initial report of a debris event on US-151 SB at MM 16 (near Walford).
	10/02 05:49 AM	<a href="#">105265</a>	US-20				2 hr 37 m	Initial report of a debris event on US-20 WB at MM 90 (near Lytton).
	10/02 03:23 AM	<a href="#">105259</a>	IA-76				2 hr 49 m	Initial report of a debris event on IA-76 SB at MM 7 (near Marquette).
	10/29 03:53 PM	<a href="#">108354</a>	I-235				3 hr 39 m	Initial report of a debris event on I-235 WB at MM 7 in Des Moines.
Emergency Vehicles (Avg Impact : 1 hr 23 m)								
	10/18 07:26 AM	<a href="#">106999</a>	IA-330				4 hr 23 m	Initial report of a disbaled train blocking IA-330 NB/SB at MM 22 (near Marshalltown).
	10/30 02:14 PM	<a href="#">108482</a>	I-29				5 hr 42 m	Initial report of a fire event on I-29 NB at MM 148 in Sioux City.
Stalled Vehicle (Avg Impact : 31 min)								
	10/29 10:44 AM	<a href="#">108320</a>	US-30				2 hr 55 m	Initial report of a stalled vehicle on US-30 WB at MM 250 in Cedar Rapids.
	10/12 10:05 AM	<a href="#">106351</a>	US-218				5 hr 8 m	Initial report of a stalled vehicle on US-218 NB at MM 96 in Coralville.