



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

October 2022

This report contains statistical and operational data for TMC activities from the period of October 01, 2022 to October 31, 2022.

## 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
September	October	September	October	September	October
<b>3,944</b>	<b>3,798</b>	<b>6</b>	<b>8</b>	<b>144</b>	<b>178</b>

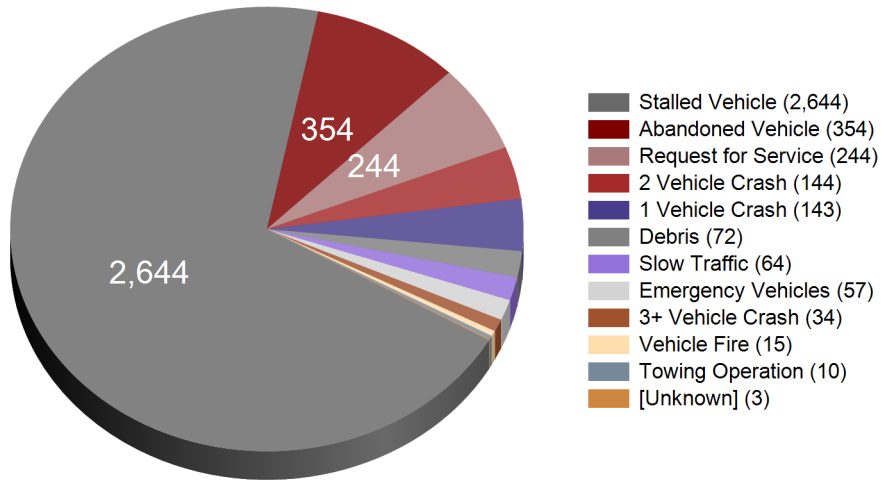
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
September	October	September	October	September	October
<b>242</b>	<b>250</b>	<b>1 hr 11 m</b>	<b>1 hr 41 m</b>	<b>1,559</b>	<b>1,388</b>

\* - excludes roadwork

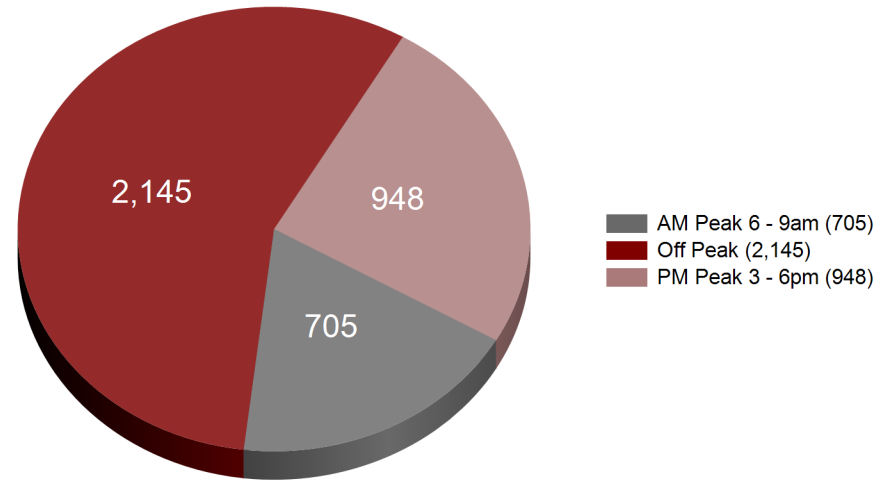
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

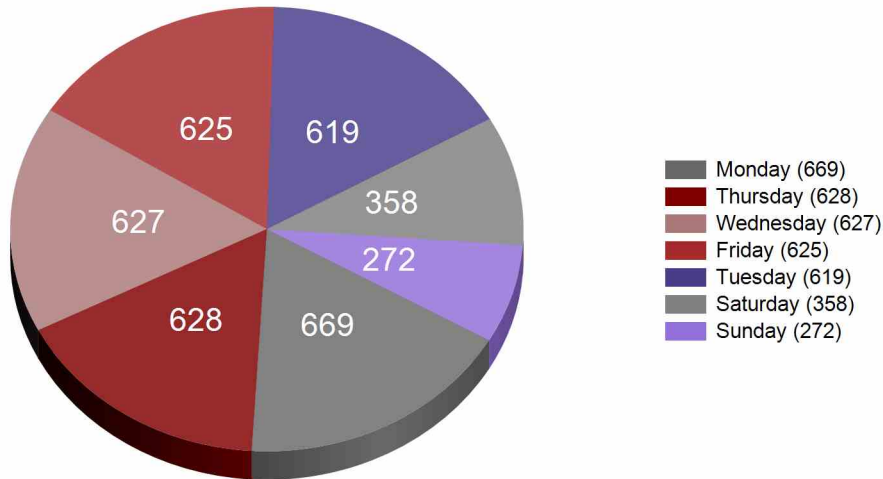
Incidents By Type



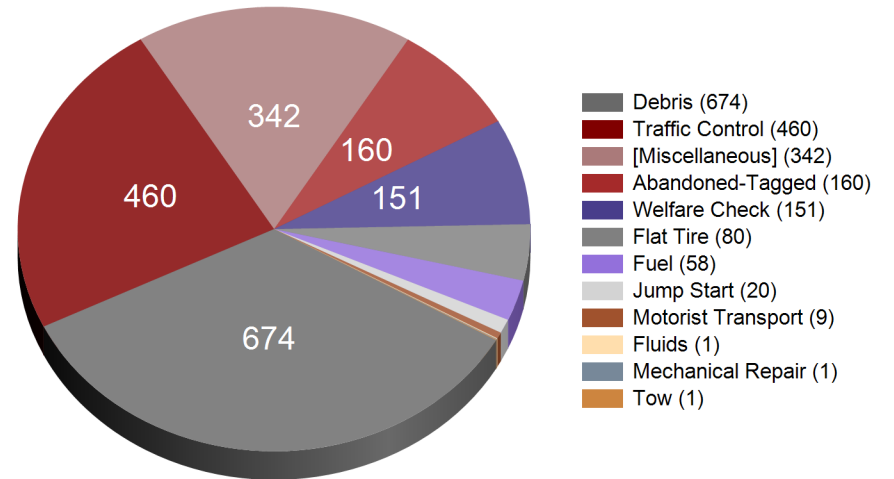
Incidents By Shift



Incidents By Day



Highway Helper Response

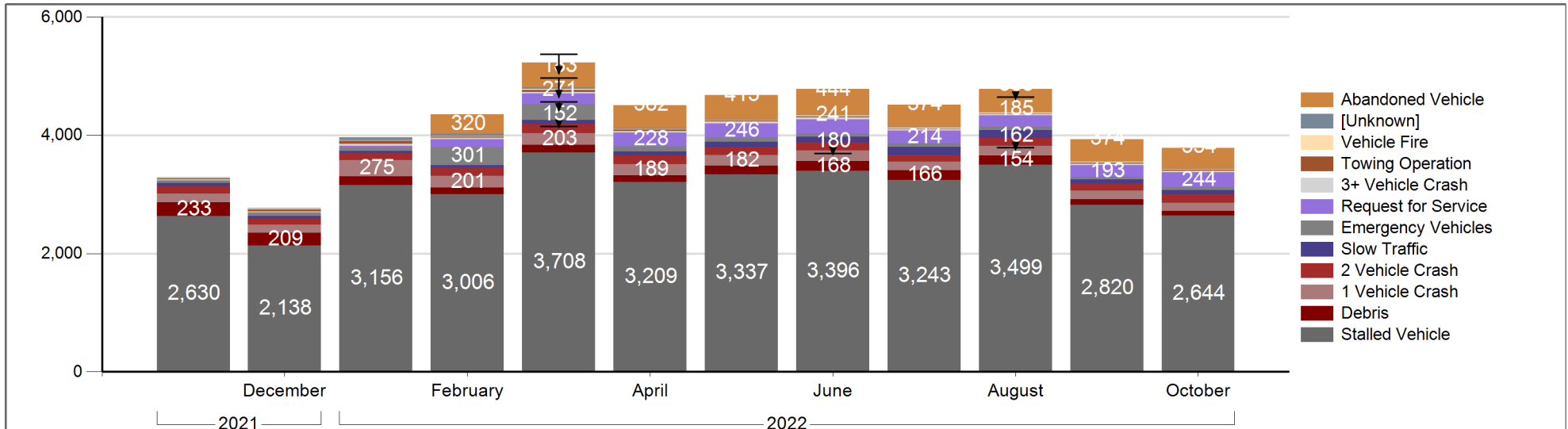


### INCIDENT TOTALS BY TYPE

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	2,644	70%	1 hr 29 m	1,233	67	40	360	43	901
Abandoned Vehicle	354	9%		162	6	7	43	8	128
Request for Service	244	6%	8 min	87	31	26	22	23	55
2 Vehicle Crash	144	4%	1 hr 8 m	76	2	5	11	11	39
1 Vehicle Crash	143	4%	2 hr 18 m	41	6	5	29	17	45
Debris	72	2%	22 min	31	0	3	11	3	24
Slow Traffic	64	2%		37	0	1	8	0	18
Emergency Vehicles	57	2%	2 hr 59 m	28	0	2	12	3	12
3+ Vehicle Crash	34	0.90%	1 hr 22 m	21	0	2	0	3	8
Vehicle Fire	15	0.39%	55 min	8	0	1	1	0	5
Towing Operation	10	0.26%	4 hr 55 m	2	0	0	2	1	5
Grass Fire	9	0.24%	24 min	3	0	1	2	0	3
<b>Total</b>	<b>3,790</b>	<b>100%</b>	<b>1 hr 38 m</b>	<b>1,729</b>	<b>112</b>	<b>93</b>	<b>501</b>	<b>112</b>	<b>1,243</b>

\* - Totals include Highway Helper Incidents

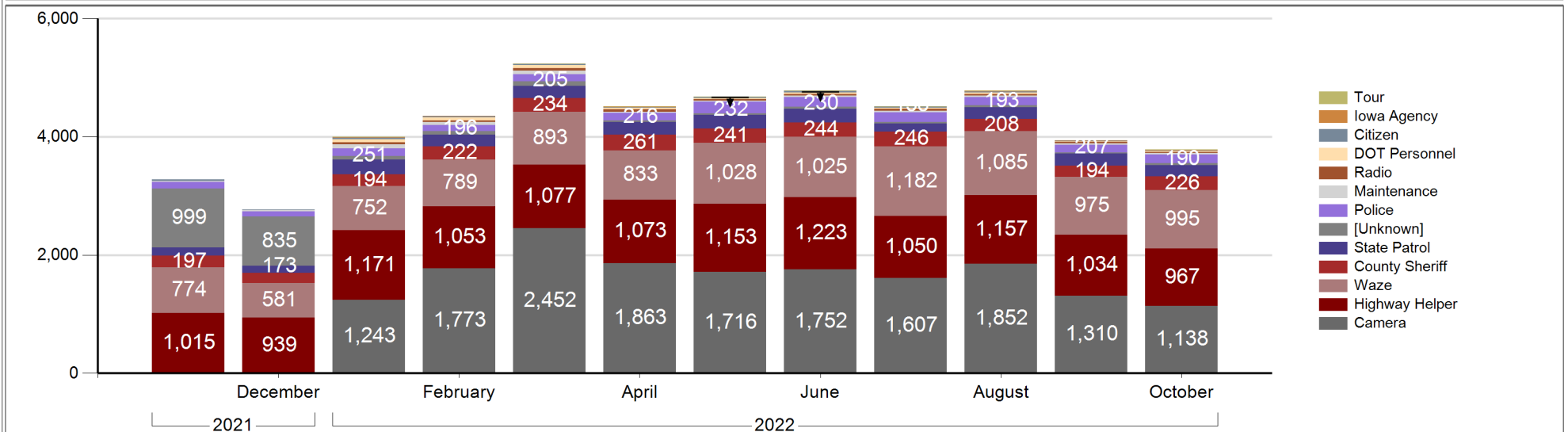


### INCIDENT TOTALS BY DETECTION TYPE

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	1,138	30%	547	37	14	176	21	343
Waze	995	26%	535	36	32	108	24	260
Highway Helper	967	25%	364	0	0	134	5	464
County Sheriff	226	6%	57	30	31	29	23	56
State Patrol	190	5%	88	4	7	30	22	39
Police	147	4%	93	3	6	5	4	36
Other	54	1%	13	0	1	7	4	29
Maintenance	26	0.68%	11	0	1	7	4	3
Radio	17	0.45%	9	1	1	2	2	2
Citizen	17	0.45%	6	1	0	1	2	7
DOT Personnel	12	0.32%	3	1	0	1	1	6
Tour	9	0.24%	5	0	1	1	0	2
<b>Total</b>	<b>3,798</b>	<b>100%</b>	<b>1,731</b>	<b>113</b>	<b>94</b>	<b>501</b>	<b>112</b>	<b>1,247</b>

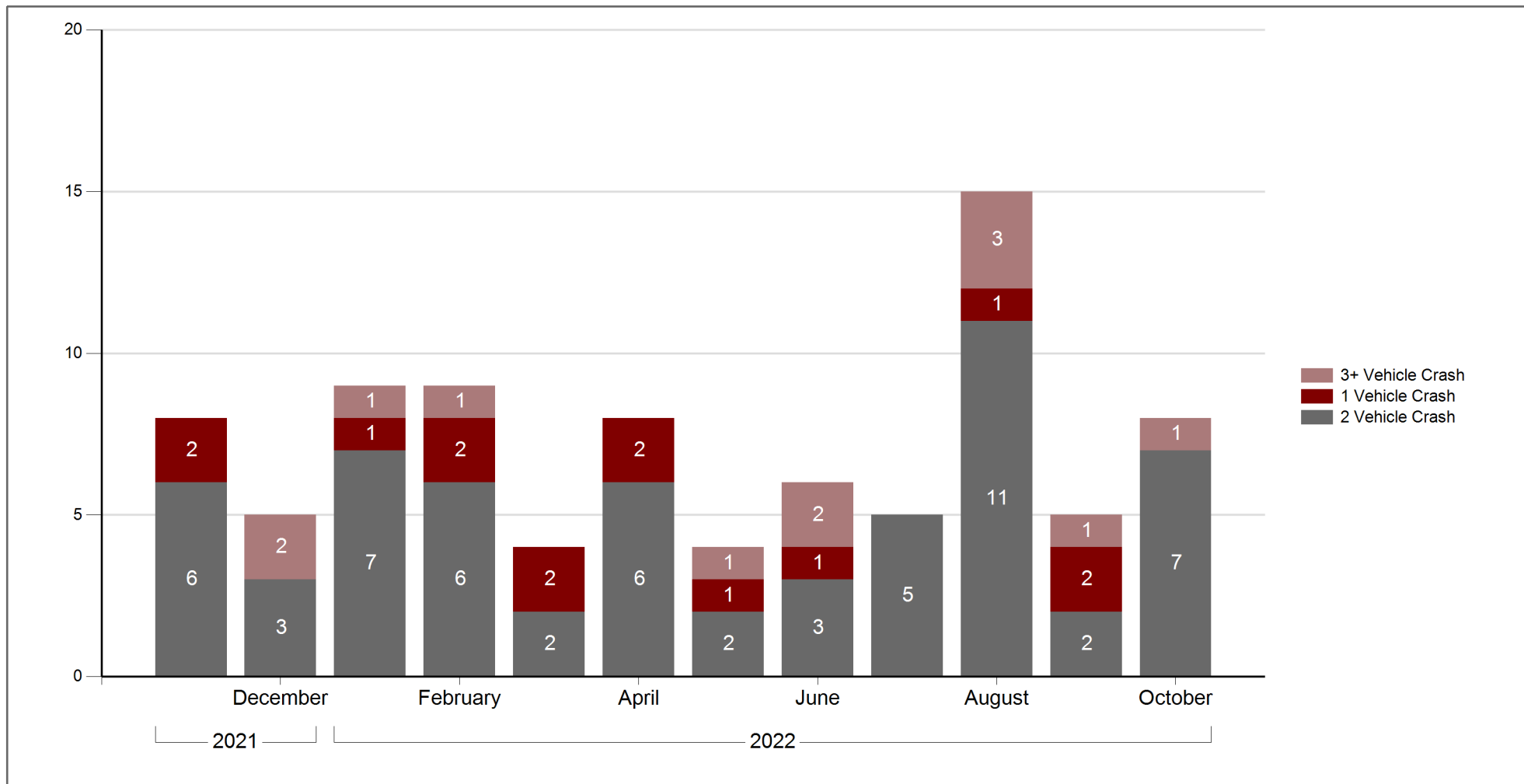
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

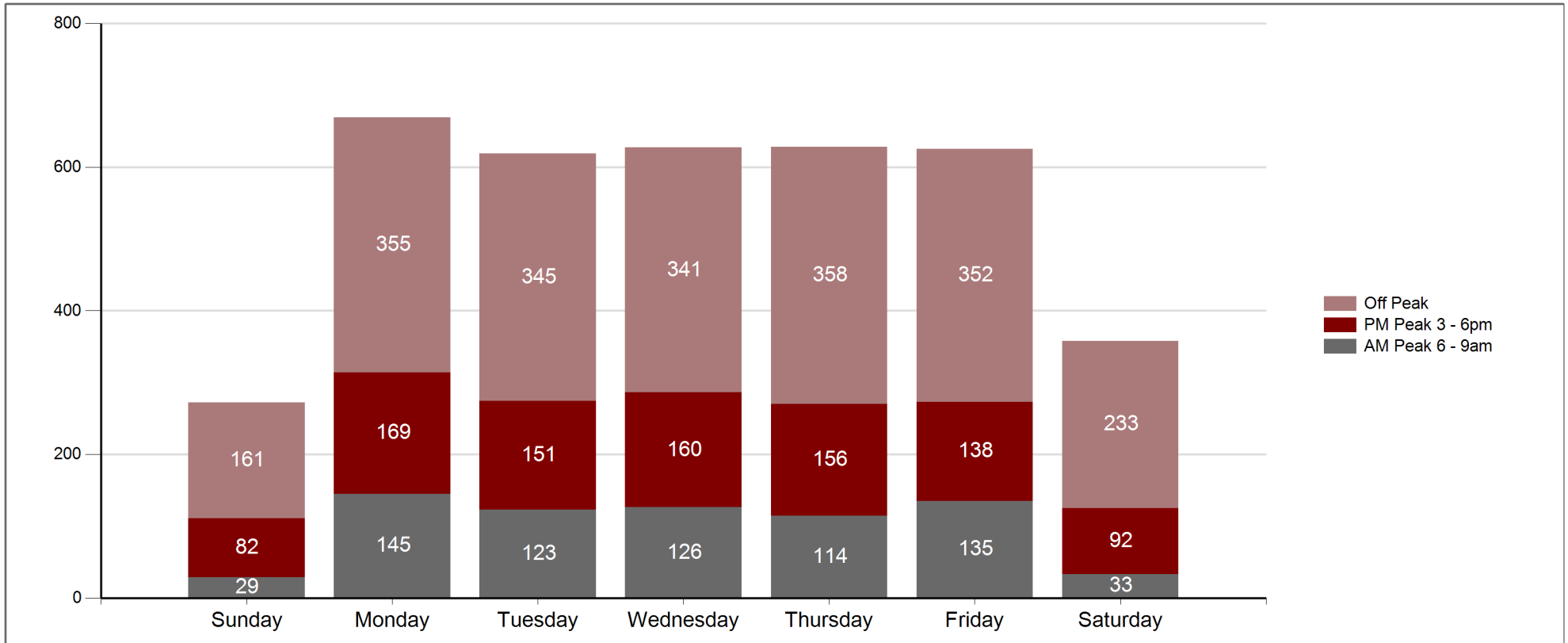
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	7	88%	25 min	4	0	0	0	0	3
3+ Vehicle Crash	1	13%		0	0	0	0	0	1
<b>Total</b>	<b>8</b>	<b>100%</b>	<b>25 min</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>



### 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.

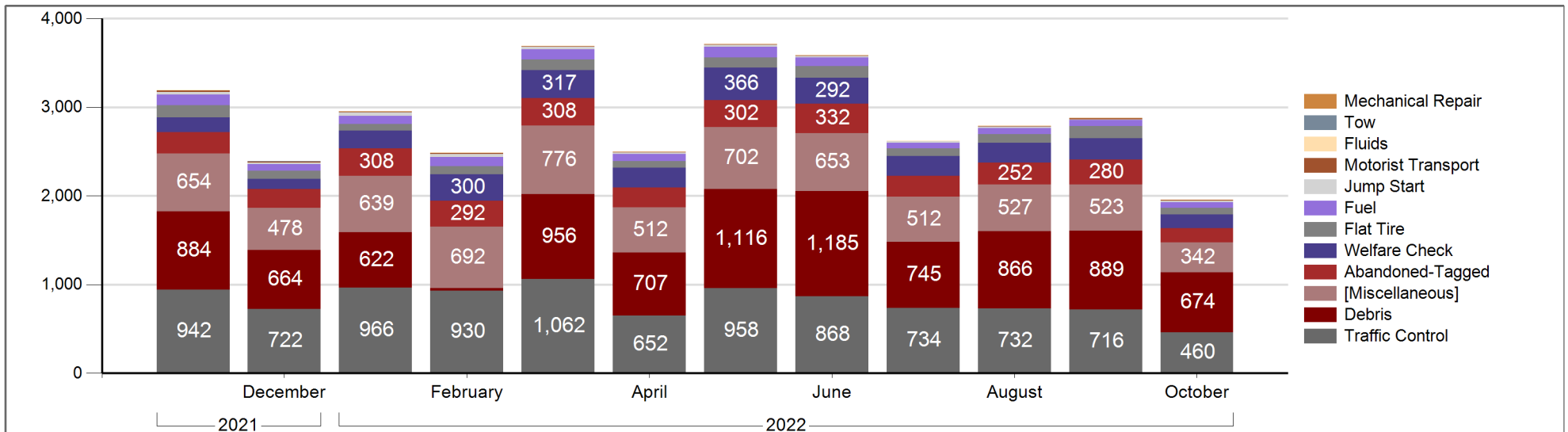
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Monday	669	18%	3 hr 1 m	302	24	16	76	22	229
Thursday	628	17%	1 hr 3 m	301	21	14	82	8	202
Wednesday	627	17%	1 hr 10 m	269	12	11	97	13	225
Friday	625	16%	47 min	267	19	14	93	29	203
Tuesday	619	16%	2 hr 5 m	287	20	18	68	12	214
Saturday	358	9%	2 hr 14 m	172	6	10	43	15	112
Sunday	272	7%	1 hr 19 m	133	11	11	42	13	62
<b>Total</b>	<b>3,798</b>	<b>100%</b>	<b>3 hr 1 m</b>	<b>1,731</b>	<b>113</b>	<b>94</b>	<b>501</b>	<b>112</b>	<b>1,247</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	674	34%	1 hr 4 m	238	60	69	140
Traffic Control	460	23%	41 min	164	78	46	114
[Miscellaneous]	342	17%	31 min	102	66	28	107
Abandoned-Tagged	160	8%		58	34	8	44
Welfare Check	151	8%	13 min	55	25	15	40
Flat Tire	80	4%		24	14	14	24
Fuel	58	3%	19 min	20	18	4	10
Jump Start	20	1%		4	2	4	6
Motorist Transport	9	0.46%	46 min	1	1	3	2
Fluids	1	0.05%		0	0	1	0
Mechanical Repair	1	0.05%		0	0	1	0
Push/Pull	1	0.05%		1	0	0	0
<b>Total</b>	<b>1,957</b>	<b>100%</b>	<b>37 min</b>	<b>667</b>	<b>298</b>	<b>193</b>	<b>487</b>

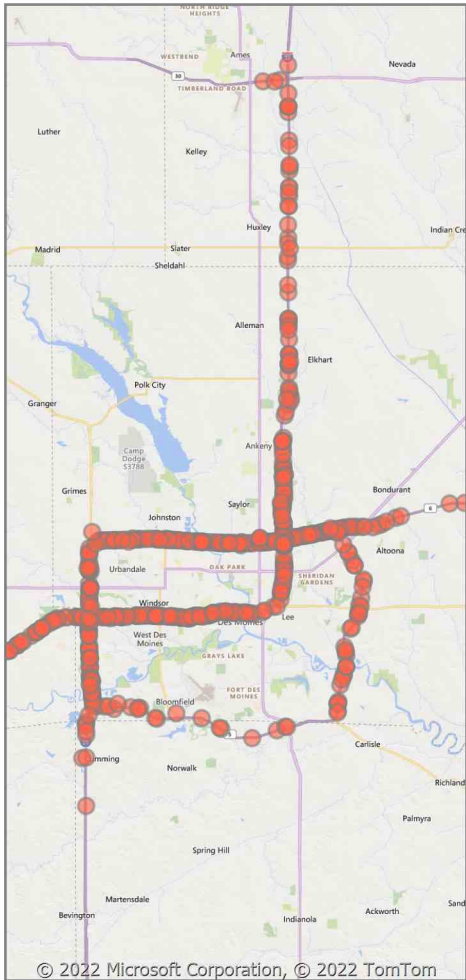




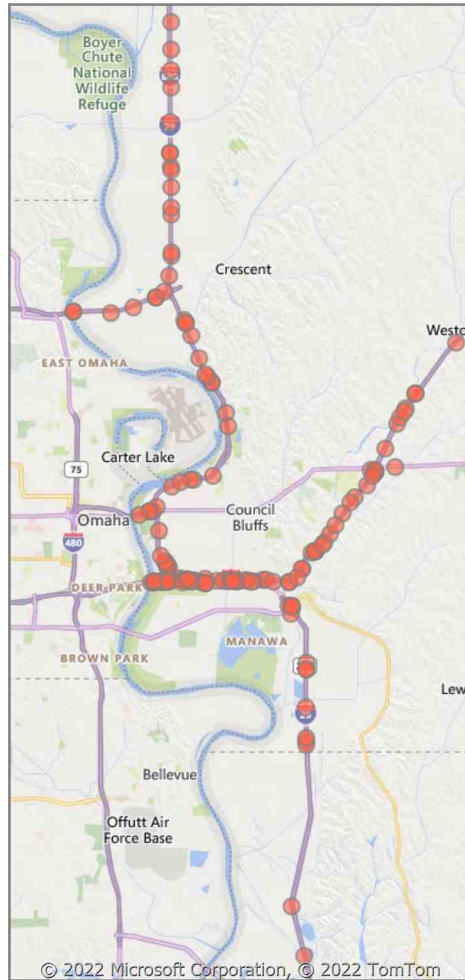
**HIGHWAY HELPER ASSIST BY LOCATION**

Highway Helper detected incidents and response locations.

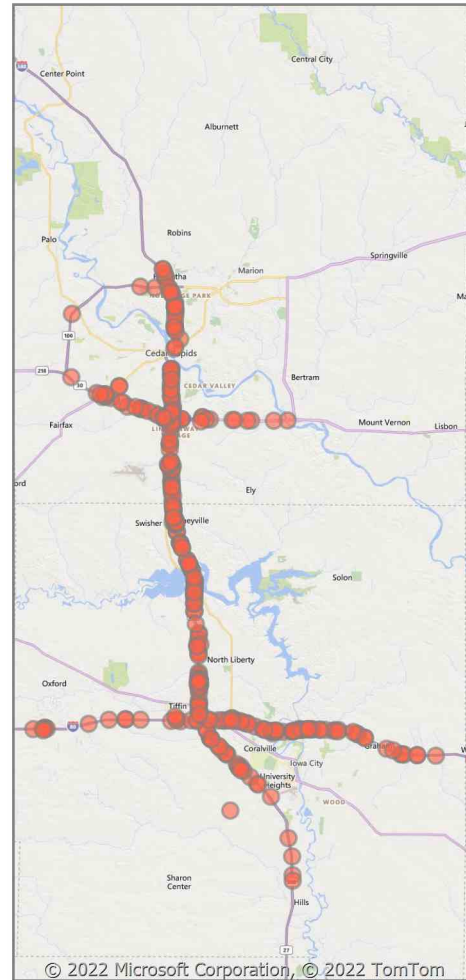
**DES MOINES**



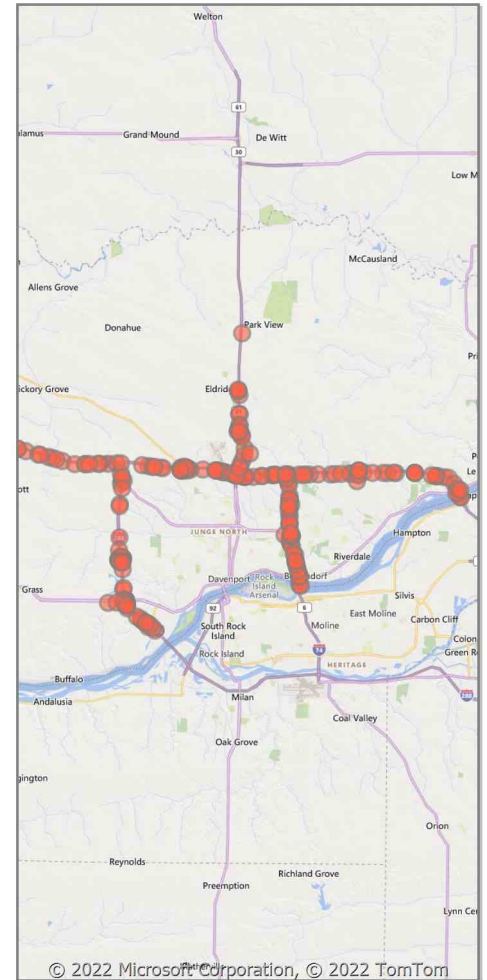
**COUNCIL BLUFFS**



**CEDAR RAPIDS / IOWA CITY**



**DAVENPORT**



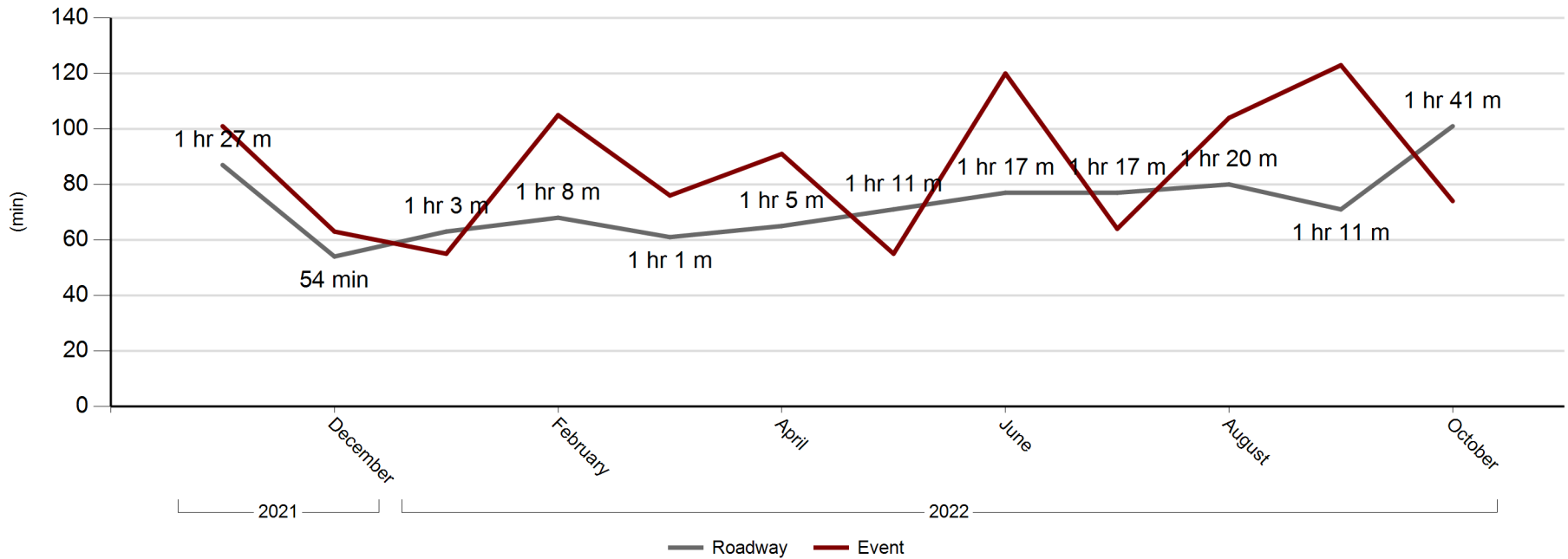


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 14 m</b>	56 min		4 hr 35 m	1 hr 34 m	2 hours	1 hr 7 m
	Federal	1 hr 54 m	40 min		5 hr 31 m	2 hr 49 m	2 hr 13 m	1 hr 50 m
	Interstate	1 hr 4 m	1 hr		3 hr 39 m	1 hr 20 m	1 hr 19 m	57 min
	State	52 min	50 min			30 min		1 hr 5 m
Roadway	All	<b>1 hr 41 m</b>	1 hr	2 hr 22 m	8 hr 39 m	56 min	1 hr 42 m	1 hr 1 m
	Federal	2 hr 58 m	53 min	1 hr 29 m	14 hr 54 m	45 min	2 hr 7 m	1 hr 27 m
	Interstate	54 min	48 min	1 min	3 hr 29 m	54 min	48 min	45 min
	State	2 hr 9 m	2 hr 12 m	8 hr 13 m	48 min	1 hr 19 m	1 hr 39 m	1 hr 57 m

All Roads (Interstate / Federal / State)

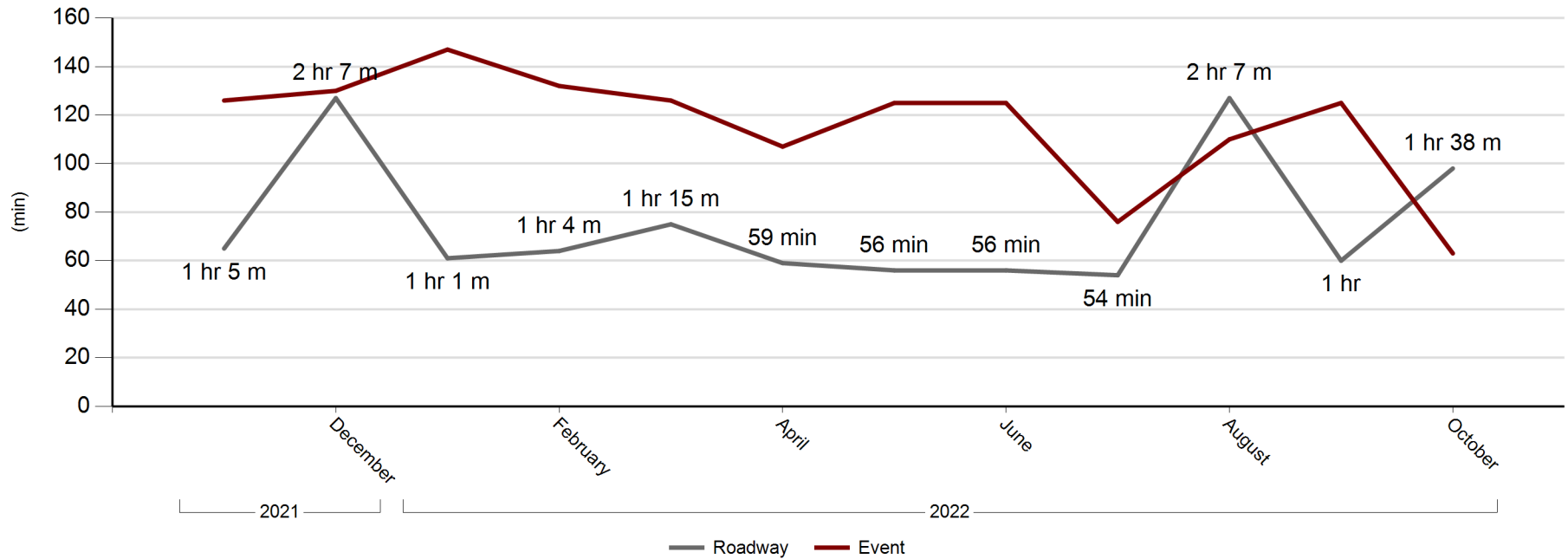


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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 3 m</b>	42 min		2 hr 27 m	1 hr 5 m	1 hr 47 m	1 hr 24 m
	Federal	1 hr 31 m	44 min		2 hr 56 m	1 hr 59 m	2 hr 13 m	1 hr 33 m
	Interstate	56 min	39 min		1 hr 59 m	54 min	1 hr 19 m	1 hr 25 m
	State	59 min	1 hr 9 m			30 min	55 min	53 min
Roadway	All	<b>1 hr 38 m</b>	1 hr 5 m	2 hr 12 m	4 hr 33 m	1 hr 14 m	1 hr 30 m	1 hr 45 m
	Federal	2 hr 31 m	43 min	1 hr 34 m	7 hr 37 m	49 min	2 hr 1 m	2 hr 43 m
	Interstate	57 min	32 min	1 min	1 hr 44 m	1 hr 19 m	51 min	1 hr 23 m
	State	3 hr 16 m	5 hr 26 m	8 hr 13 m	54 min	1 hr 27 m	1 hr 24 m	1 hr 36 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 : 2 hr 18 m)</b>								
	10/17 07:05 AM	<a href="#">232495</a>	US-18		1	1	2 days	Initial report of a single vehicle crash on US-18 WB at MM 41 in Sheldon.
<b>2 Vehicle Crash (Avg Impact : 1 hr 8 m)</b>								
	10/15 01:04 PM	<a href="#">232381</a>	US-59		1		3 hr 33 m	Initial report of a 2 vehicle crash on US-59 NB at MM 128 in Ida Grove.
	10/09 07:01 PM	<a href="#">231480</a>	I-235	1			4 hr 18 m	Initial report of a two vehicle crash on I-235 EB at MM 6 in Des Moines.
	10/15 09:17 PM	<a href="#">232410</a>	US-52	1	2		3 hr 25 m	Initial report of a 2 vehicle crash on US-52 at MM 1 (near Sabula).
	10/10 09:19 AM	<a href="#">231546</a>	IA-17	1	2	1	3 hr 36 m	Initial report of a 2 vehicle crash on IA-17 NB at MM 1 in Granger.
	10/26 08:32 PM	<a href="#">233841</a>	US-30				2 hr 37 m	Initial report of a 2 vehicle crash on US-30 EB at MM 140 (near Boone).
	10/14 09:14 AM	<a href="#">232219</a>	US-61		2	1	2 hr 22 m	Initial report of a 2 vehicle crash on US-61 NB/SB at MM 32 (near Burlington).
	10/23 02:26 AM	<a href="#">233387</a>	US-30		8		4 hr 15 m	Initial report of a 2 vehicle crash on US-30 WB at MM 52 (near Denison).
	10/29 02:33 AM	<a href="#">234180</a>	IA-1	1		1	4 hr 1 m	Initial report of a 2 vehicle crash on IA-1 NB/SB at MM 93 (near Iowa City).
<b>3+ Vehicle Crash (Avg Impact : 1 hr 22 m)</b>								
	10/19 09:24 AM	<a href="#">232864</a>	IA-163		1	1	3 hr 42 m	Initial report of a 3+ vehicle crash on IA-163 EB at MM 15 (near Prairie City).
	10/30 10:08 PM	<a href="#">234307</a>	I-29		2	1	8 hr 48 m	Initial report of a 3+ vehicle crash on I-29 SB at MM 117 (near Whiting).
<b>Debris (Avg Impact : 22 min)</b>								
	10/21 01:23 PM	<a href="#">233247</a>	I-74				2 hr 11 m	Initial report of a debris event on I-74 EB at MM 5 (near Bettendorf).
<b>Emergency Vehicles (Avg Impact : 2 hr 59 m)</b>								
	10/08 07:43 PM	<a href="#">231424</a>	US-6				1 day 8 hr 20 m	Initial report of an emergency vehicles event on US-6 at MM 249 in Coralville.
<b>Stalled Vehicle (Avg Impact : 1 hr 29 m)</b>								
	10/25 05:49 AM	<a href="#">233583</a>	IA-5			1	1 day 15 hr 38 m	Initial report of a stalled vehicle on IA-5 NB at MM 103 in West Des Moines.
<b>Vehicle Fire (Avg Impact : 55 min)</b>								
	10/04 04:30 AM	<a href="#">230663</a>	I-880			1	4 hr 28 m	Initial report of a vehicle fire on I-880 EB at MM 7 (near Missouri Valley).