



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

October 2023

This report contains statistical and operational data for TMC activities from the period of October 01, 2023 to October 31, 2023.

## 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>3,853</b>	<b>3,830</b>	<b>8</b>	<b>5</b>	<b>153</b>	<b>174</b>

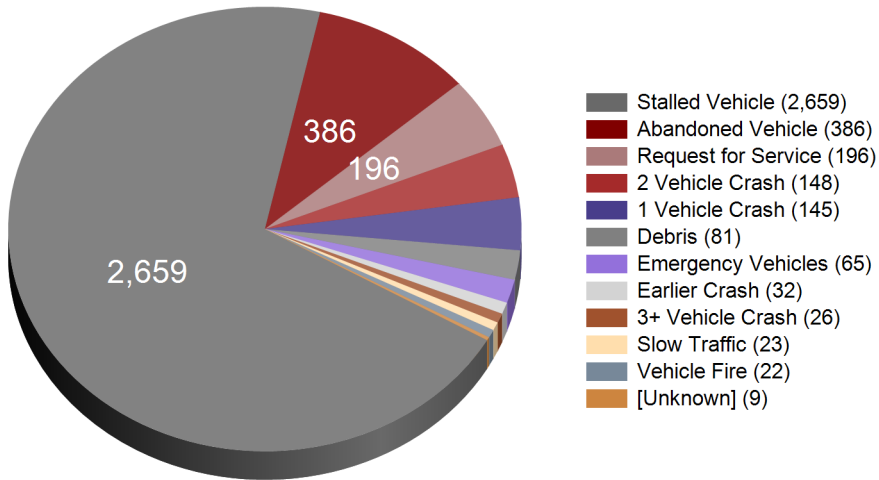
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
September	October	September	October	September	October
<b>260</b>	<b>293</b>	<b>1 hr 8 m</b>	<b>1 hr 20 m</b>	<b>1,318</b>	<b>1,338</b>

\* - excludes roadwork

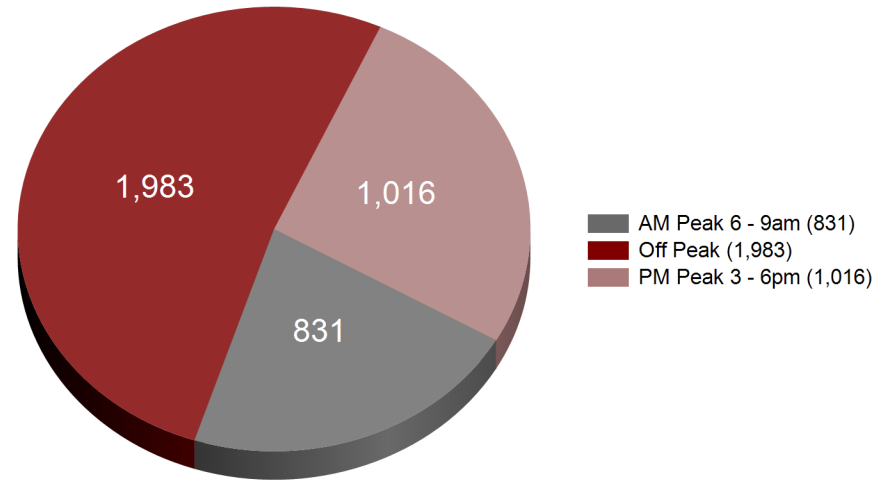
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

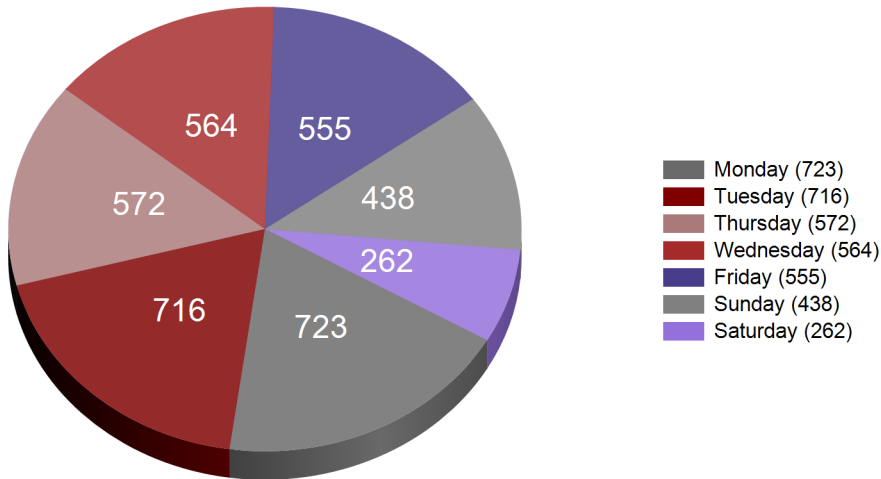
Incidents By Type



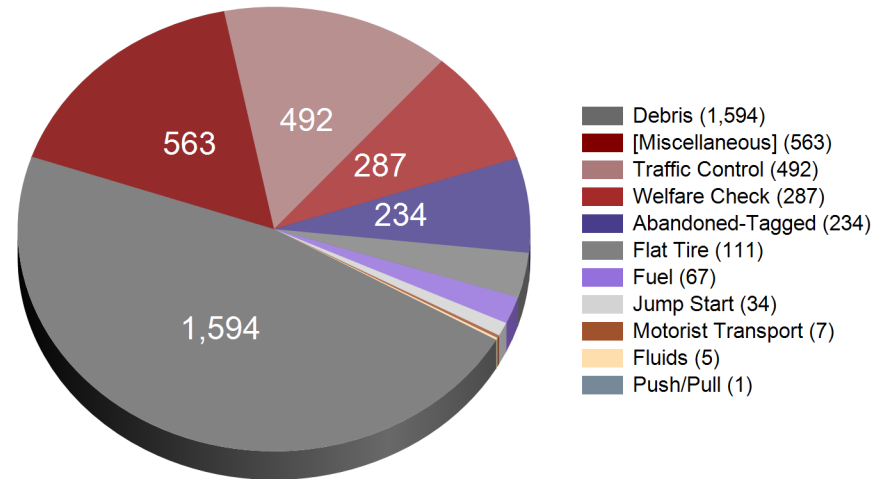
Incidents By Shift



Incidents By Day



Highway Helper Response

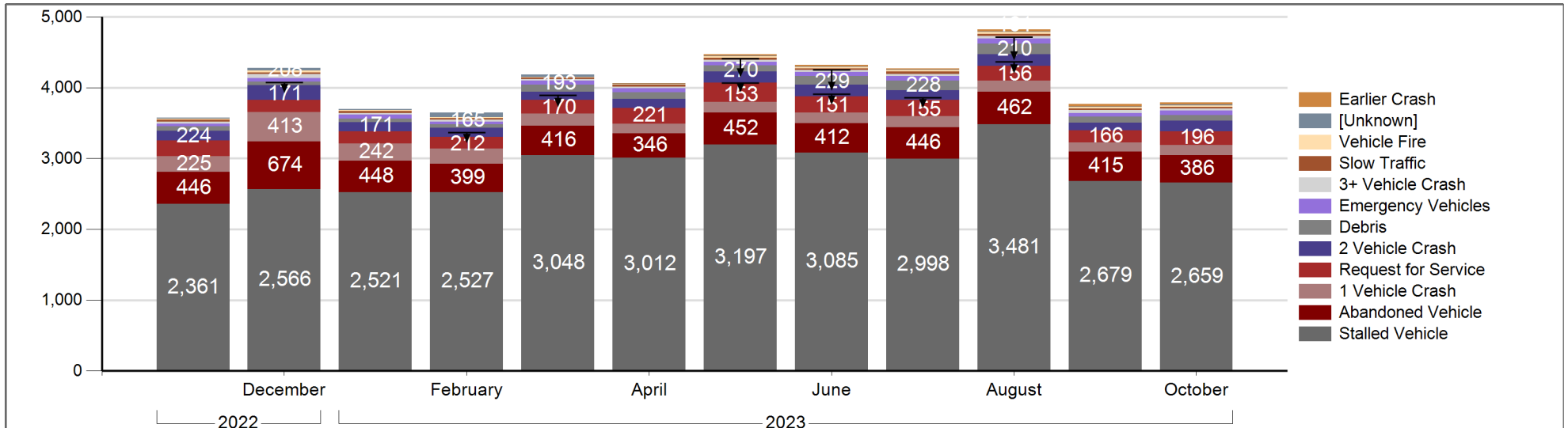


### INCIDENT TOTALS BY TYPE

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	2,659	69%	30 min	1,209	70	36	352	58	934
Abandoned Vehicle	386	10%	7 min	154	5	8	53	6	160
Request for Service	196	5%	3 min	50	33	29	16	20	48
2 Vehicle Crash	148	4%	59 min	76	2	8	16	9	37
1 Vehicle Crash	145	4%	1 hr 51 m	44	4	14	33	12	38
Debris	81	2%	20 min	36	0	3	11	1	30
Emergency Vehicles	65	2%	46 min	35	0	1	4	5	20
Earlier Crash	32	0.84%		8	7	4	4	4	5
3+ Vehicle Crash	26	0.68%	54 min	16	1	1	1	1	6
Slow Traffic	23	0.60%		14	0	0	4	0	5
Vehicle Fire	22	0.57%	44 min	10	2	1	2	3	4
Towing Operation	16	0.42%	4 hr 56 m	2	0	0	8	0	6
<b>Total</b>	<b>3,799</b>	<b>100%</b>	<b>1 hr 16 m</b>	<b>1,654</b>	<b>124</b>	<b>105</b>	<b>504</b>	<b>119</b>	<b>1,293</b>

\* - Totals include Highway Helper Incidents

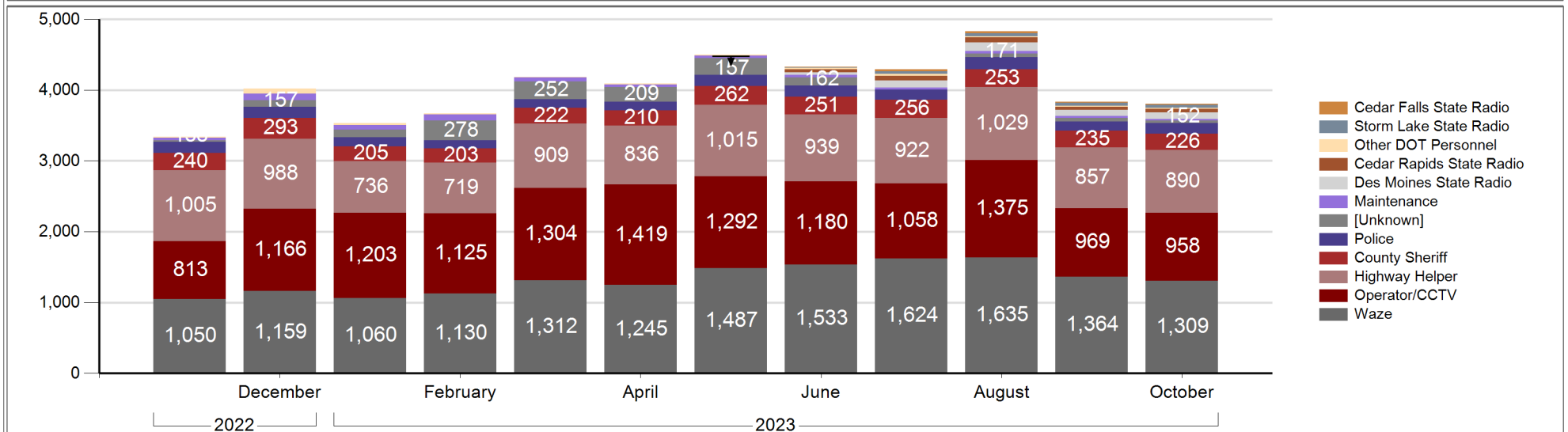


### INCIDENT TOTALS BY DETECTION TYPE

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*
Waze	1,309	34%	638	30	35	160	38	408
Operator/CCTV	958	25%	494	39	10	89	22	304
Highway Helper	890	23%	281	0	0	178	7	424
County Sheriff	226	6%	46	33	39	27	35	46
Police	152	4%	77	7	13	5	5	45
Des Moines State Radio	88	2%	73	0	0	10	5	0
Cedar Rapids State Radio	55	1%	8	0	0	0	3	44
Other	54	1%	26	6	0	5	3	14
Storm Lake State Radio	38	0.99%	0	0	9	29	0	0
Maintenance	27	0.70%	8	2	0	4	4	9
Cedar Falls State Radio	20	0.52%	6	8	1	1	0	4
Other DOT Personnel	13	0.34%	6	0	1	1	1	4
<b>Total</b>	<b>3,830</b>	<b>100%</b>	<b>1,663</b>	<b>125</b>	<b>108</b>	<b>509</b>	<b>123</b>	<b>1,302</b>

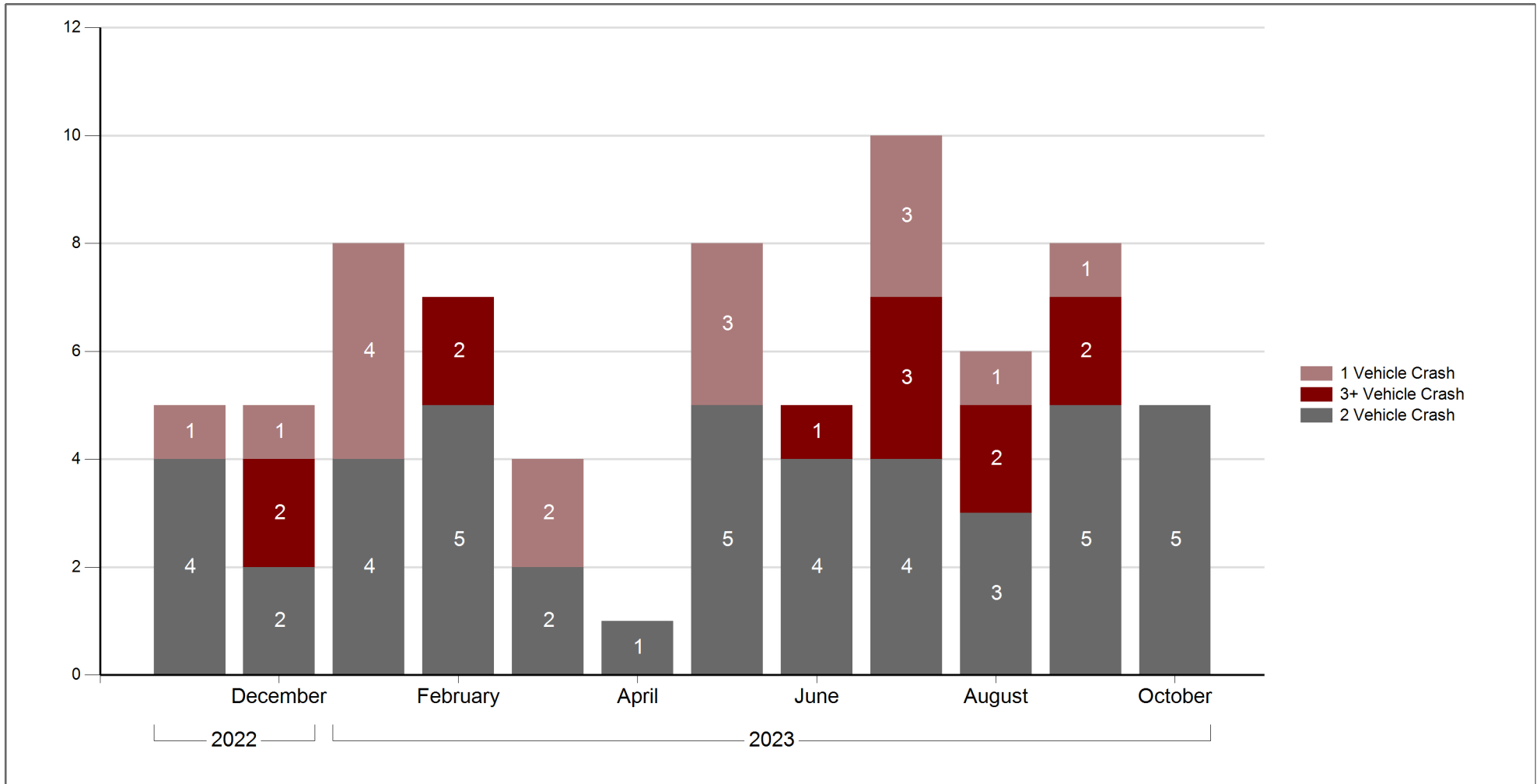
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

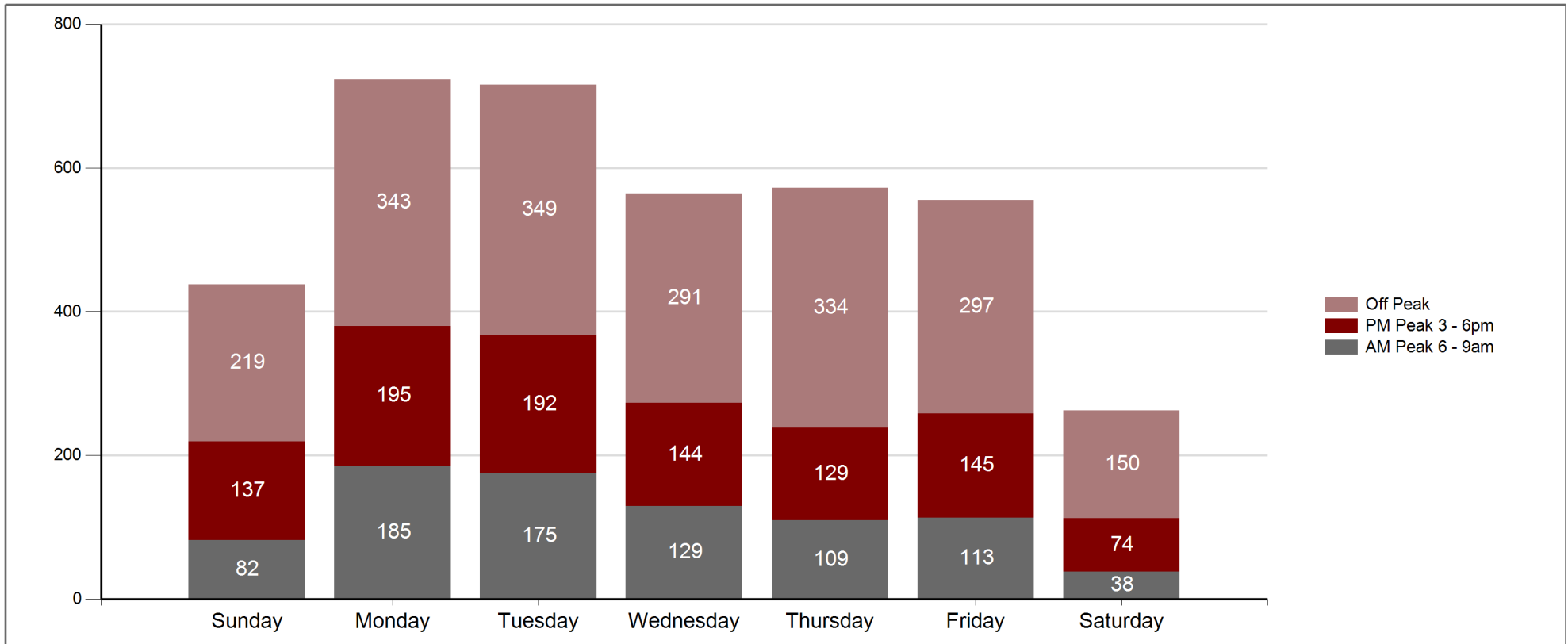
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	100%	9 min	4	0	0	0	0	1
Total	5	100%	9 min	4	0	0	0	0	1



### 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.

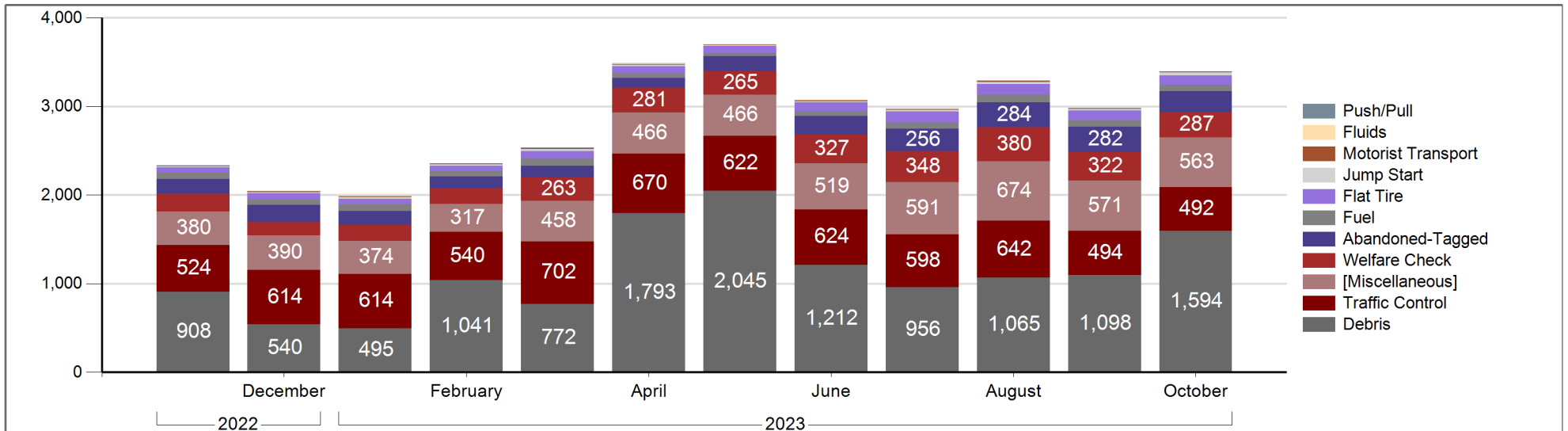
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Monday	723	19%	2 hr 59 m	304	27	13	94	22	263
Tuesday	716	19%	36 min	312	20	19	105	13	247
Thursday	572	15%	55 min	226	14	14	92	30	196
Wednesday	564	15%	1 hr 25 m	257	15	18	63	13	198
Friday	555	14%	43 min	225	19	16	77	25	193
Sunday	438	11%	50 min	209	17	12	60	15	125
Saturday	262	7%	1 hr 12 m	130	13	16	18	5	80
<b>Total</b>	<b>3,830</b>	<b>100%</b>	<b>2 hr 59 m</b>	<b>1,663</b>	<b>125</b>	<b>108</b>	<b>509</b>	<b>123</b>	<b>1,302</b>



### HIGHWAY HELPER RESPONSES

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

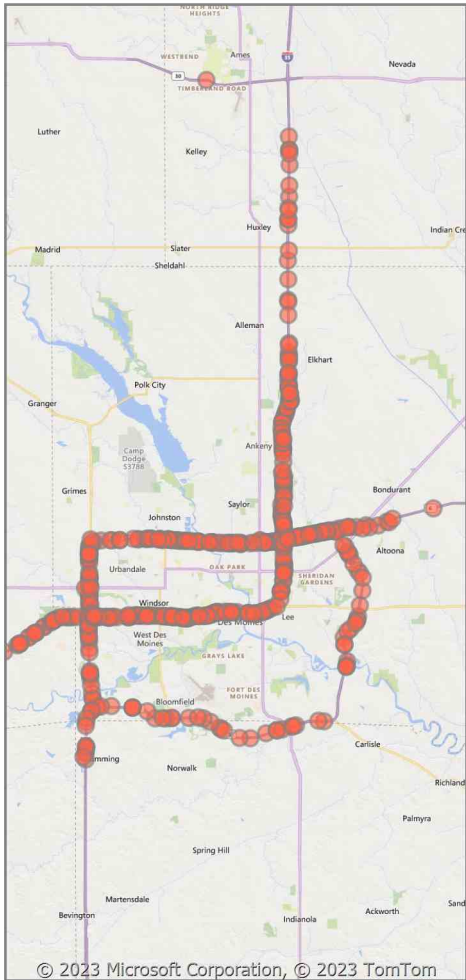
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	1,594	47%	24 min		302	861	134	296
[Miscellaneous]	563	17%	38 min		140	90	118	107
Traffic Control	492	14%	44 min		100	82	88	88
Welfare Check	287	8%	27 min		73	47	65	49
Abandoned-Tagged	234	7%	10 min		54	52	60	42
Flat Tire	111	3%	13 min		37	12	26	30
Fuel	67	2%			20	7	14	16
Jump Start	34	1%			8	6	6	10
Motorist Transport	7	0.21%			1	4	1	0
Fluids	5	0.15%			1	1	1	2
Push/Pull	1	0.03%	55 min		0	0	0	0
<b>Total</b>	<b>3,395</b>	<b>100%</b>	<b>38 min</b>		<b>736</b>	<b>1,162</b>	<b>513</b>	<b>640</b>



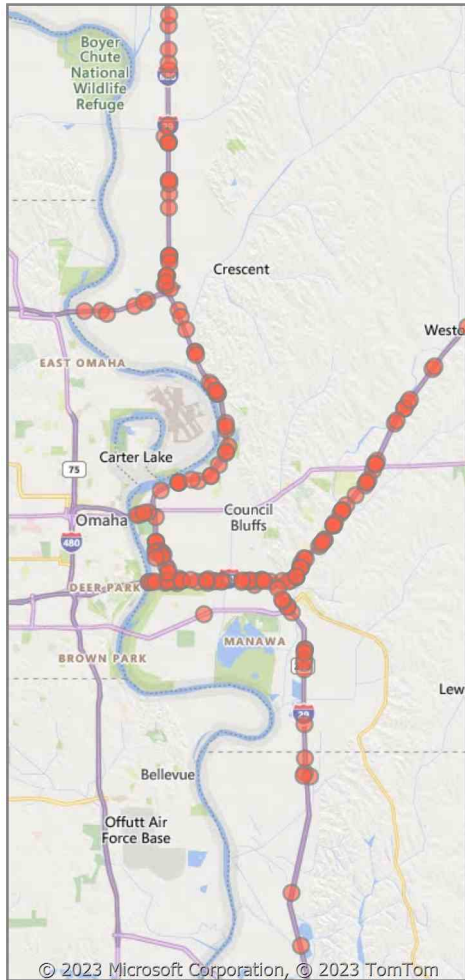
### HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

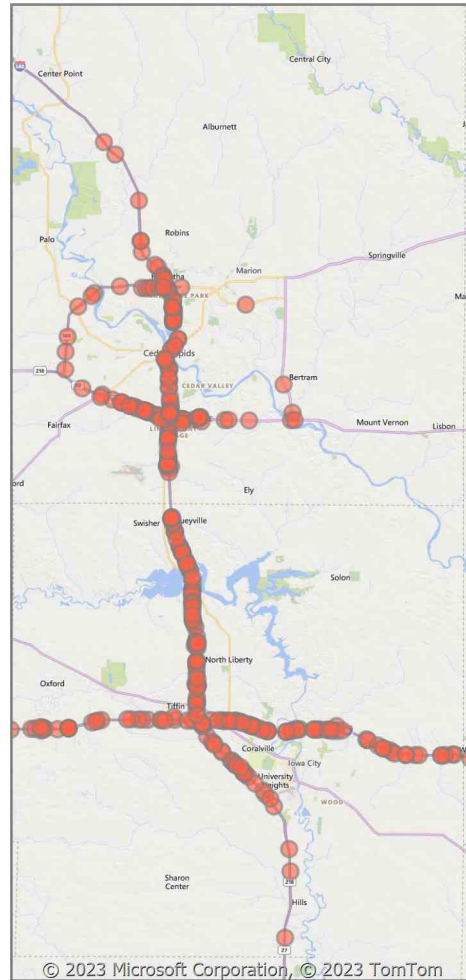
#### DES MOINES



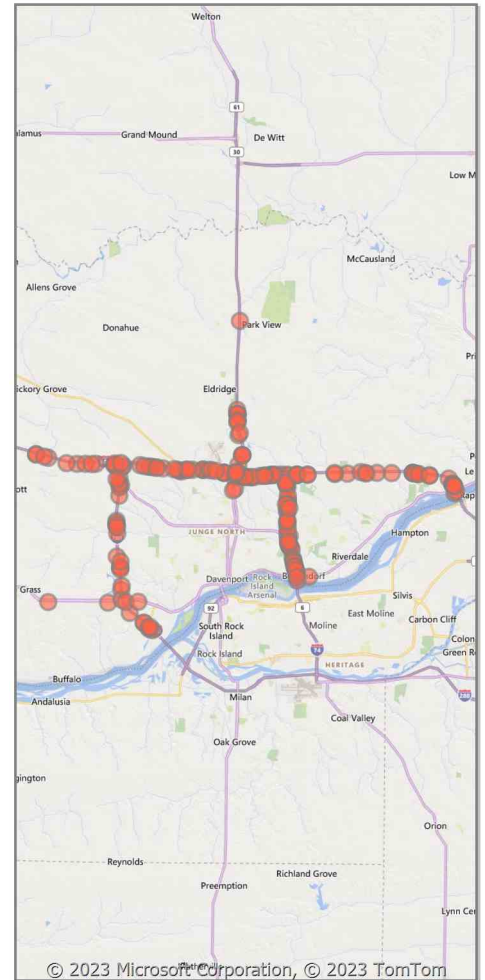
#### COUNCIL BLUFFS



#### CEDAR RAPIDS / IOWA CITY



#### DAVENPORT



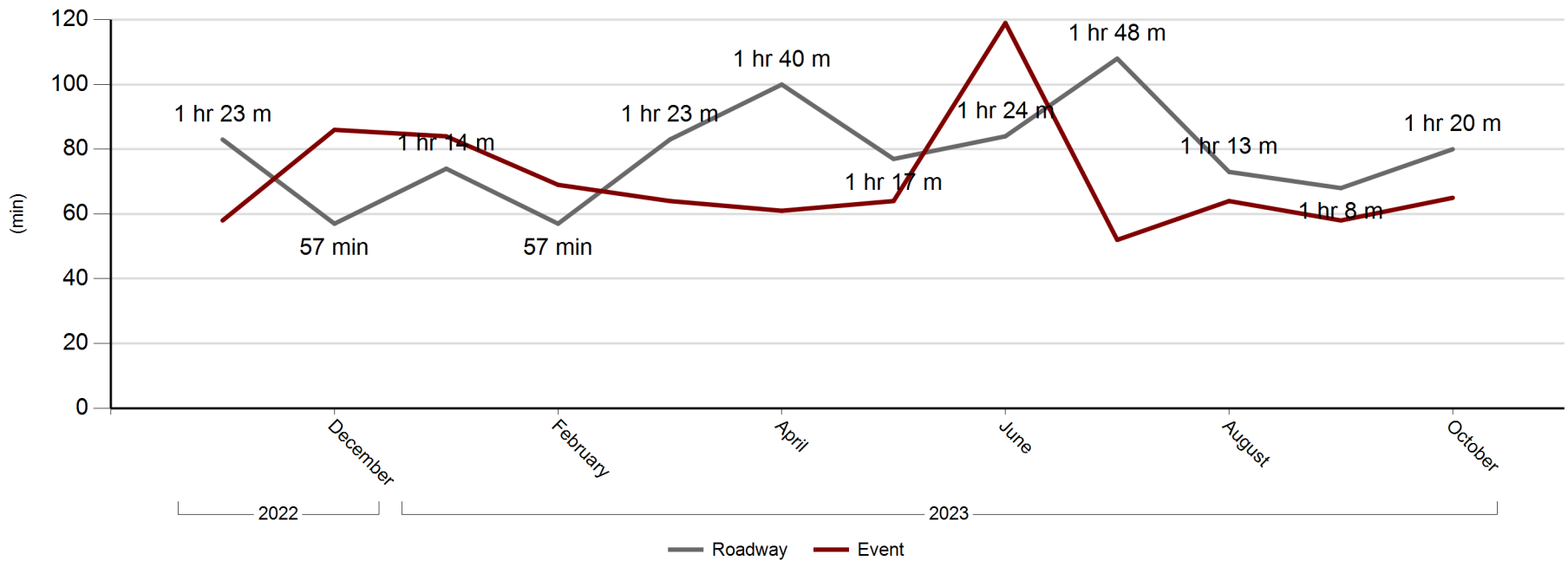


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 5 m</b>	1 hr 4 m			1 hr 2 m	2 hr 1 m	1 hr
	Federal	1 hr 9 m	45 min			2 hr 8 m	2 hr 1 m	48 min
	Interstate	1 hr 7 m	1 hr 9 m			57 min		1 hr 6 m
	State	36 min	43 min			26 min		39 min
Roadway	All	<b>1 hr 20 m</b>	46 min	1 hr 26 m	2 hr 2 m	3 hr 31 m	1 hr 28 m	53 min
	Federal	1 hr 8 m	1 hr 2 m	1 hr 5 m	39 min	1 hr 10 m	1 hr 43 m	1 hr 5 m
	Interstate	1 hr 27 m	42 min		2 hr 49 m	4 hr 12 m	44 min	55 min
	State	1 hr 11 m	40 min	2 hr 27 m	2 hr 58 m	31 min	1 hr 23 m	26 min

All Roads (Interstate / Federal / State)

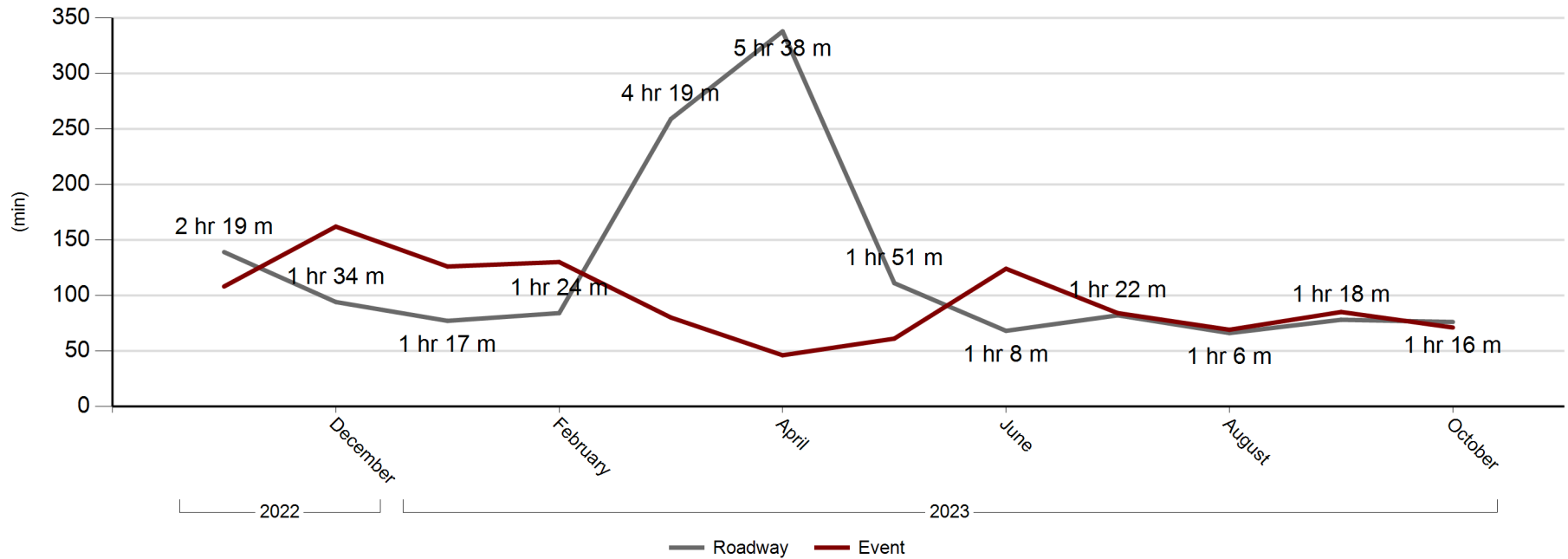


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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 11 m</b>	1 hr 14 m			45 min	1 hr 23 m	1 hr 16 m
	Federal	51 min	42 min			2 hr 8 m	2 hr 1 m	30 min
	Interstate	1 hr 19 m	1 hr 19 m			40 min	10 min	1 hr 39 m
	State	33 min	45 min			26 min	5 min	39 min
Roadway	All	<b>1 hr 16 m</b>	1 hr 2 m	52 min	1 hr 54 m	2 hr 23 m	1 hr 19 m	59 min
	Federal	1 hr 6 m	1 hr 1 m	40 min	38 min	1 hr 10 m	1 hr 43 m	1 hr 12 m
	Interstate	1 hr 5 m	36 min	19 min	1 hr 53 m	2 hr 36 m	44 min	57 min
	State	2 hr 22 m	3 hr 40 m	2 hr 27 m	3 hr 11 m	43 min	1 hr 20 m	32 min

All Roads (Interstate / Federal / State)



**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 51 m)								
	10/09 02:57 PM	<a href="#">283912</a>	I-29			1	1 day 19 hr 44 m	Single vehicle crash event on I-29 N @ Pacific Junction NB Rest Area (near Glenwood).
2 Vehicle Crash (Avg Impact : 59 min)								
	10/18 06:52 AM	<a href="#">285018</a>	IA-175	1	2		5 hr 24 m	2 vehicle crash event on IA-175 E/W @ MM 3.1 (near Onawa).
	10/18 03:57 PM	<a href="#">285104</a>	US-151		1	1	3 hr 30 m	2 vehicle crash event on US-151 N @ MM 87.8 (near Bernard).
	10/30 08:51 AM	<a href="#">286537</a>	I-29		1	2	9 hr 47 m	2 vehicle crash event on I-29 S @ MM 112.2 (near Onawa).
	10/22 01:44 AM	<a href="#">285496</a>	I-80	1	1		3 hr 47 m	2 vehicle crash event on I-80 E @ MM 134 (near Saylorville).
	10/30 04:00 AM	<a href="#">286506</a>	I-80		1	1	2 hr 44 m	2 vehicle crash event on I-80 E @ MM 127.2 in Urbandale.
	10/11 08:33 AM	<a href="#">284142</a>	US-30				2 hr 32 m	2 vehicle crash event on US-30 E @ MM 176.8 (near State Center).
3+ Vehicle Crash (Avg Impact : 54 min)								
	10/25 09:25 PM	<a href="#">286019</a>	US-61		2		4 hr 45 m	3+ vehicle crash event on US-61 N/S @ MM 60.7 (near Morning Sun).
Emergency Vehicles (Avg Impact : 46 min)								
	10/03 08:33 AM	<a href="#">283110</a>	I-80				2 hr 23 m	Emergency vehicles event on I-80 W @ MM 188 (near Malcom).
Towing Operation (Avg Impact : 4 hr 56 m)								
	10/25 12:15 PM	<a href="#">285942</a>	US-30			1	10 hr 23 m	Towing operation event on US-30 W @ MM 253.4 in Cedar Rapids.
Vehicle Fire (Avg Impact : 44 min)								
	10/20 02:36 PM	<a href="#">285355</a>	US-20			1	3 hr 17 m	Vehicle fire event on US-20 W @ MM 167 (near Iowa Falls).