

TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

August 2024

This report contains statistical and operational data for TMC activities from the period of August 01, 2024 to August 31, 2024.

Executive Summary

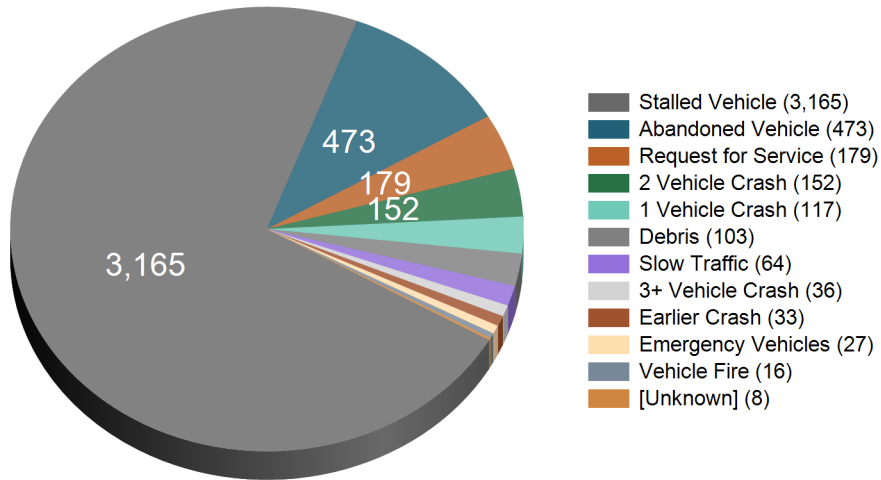
<p>TOTAL INCIDENTS The total number of incidents during the period. *</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>July</th> <th>August</th> </tr> </thead> <tbody> <tr> <td>4,290</td> <td>4,409</td> </tr> </tbody> </table>	Previous	Current	July	August	4,290	4,409	<p>TOTAL SECONDARY INCIDENTS Crashes that occur within the original incident scene or resulting queue.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>July</th> <th>August</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>12</td> </tr> </tbody> </table>	Previous	Current	July	August	2	12	<p>TOTAL MULTI-VEHICLE INCIDENTS The total number of multi-vehicle incidents during the period.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>July</th> <th>August</th> </tr> </thead> <tbody> <tr> <td>182</td> <td>188</td> </tr> </tbody> </table>	Previous	Current	July	August	182	188
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<p>LANE BLOCKAGE INCIDENTS The total number of incidents which resulted in at least one blocked lane of travel.*</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>July</th> <th>August</th> </tr> </thead> <tbody> <tr> <td>352</td> <td>309</td> </tr> </tbody> </table>	Previous	Current	July	August	352	309	<p>AVERAGE CLEARANCE TIME The average time for all lanes to be cleared after a crash.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>July</th> <th>August</th> </tr> </thead> <tbody> <tr> <td>56 min</td> <td>1 hr 40 m</td> </tr> </tbody> </table>	Previous	Current	July	August	56 min	1 hr 40 m	<p>TOTAL HIGHWAY HELPER RESPONSES The total number of incidents Highway Helper responded to during the period.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>July</th> <th>August</th> </tr> </thead> <tbody> <tr> <td>1,285</td> <td>1,219</td> </tr> </tbody> </table>	Previous	Current	July	August	1,285	1,219
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* - excludes roadwork

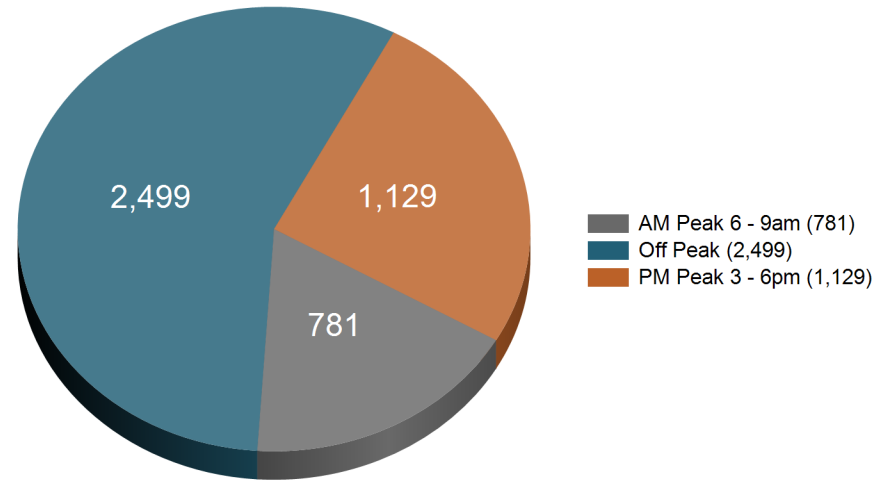
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

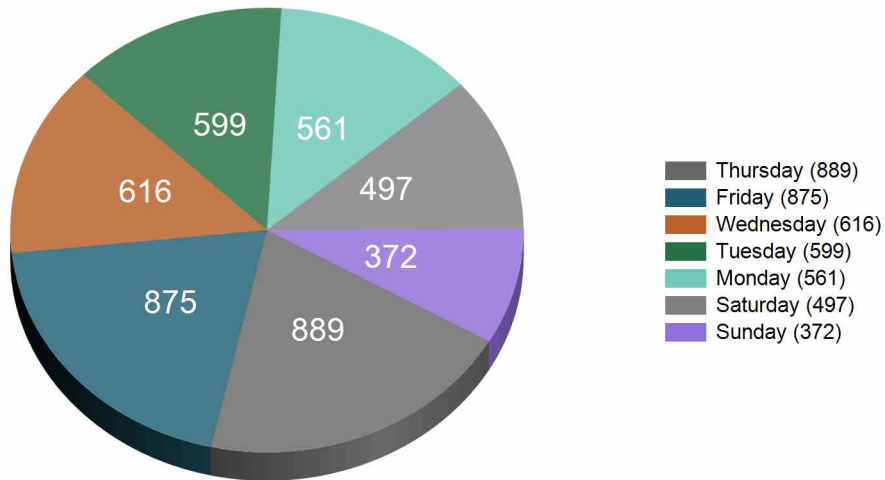
Incidents By Type



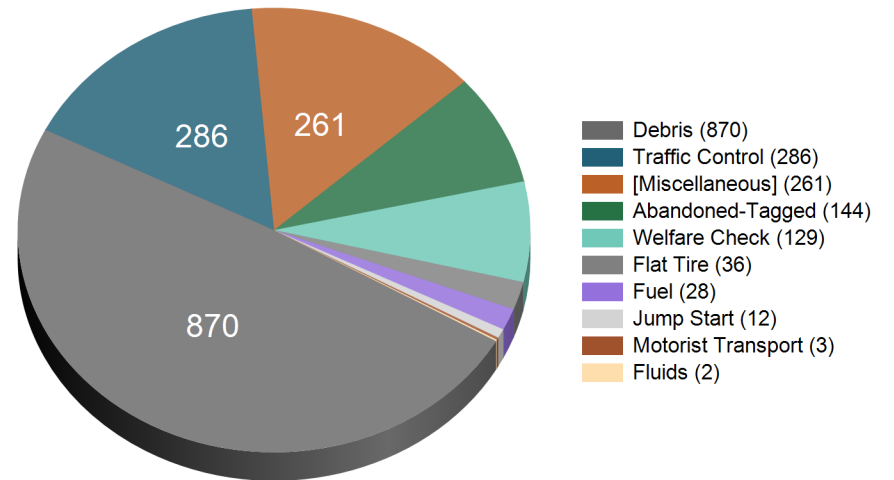
Incidents By Shift



Incidents By Day



Highway Helper Response

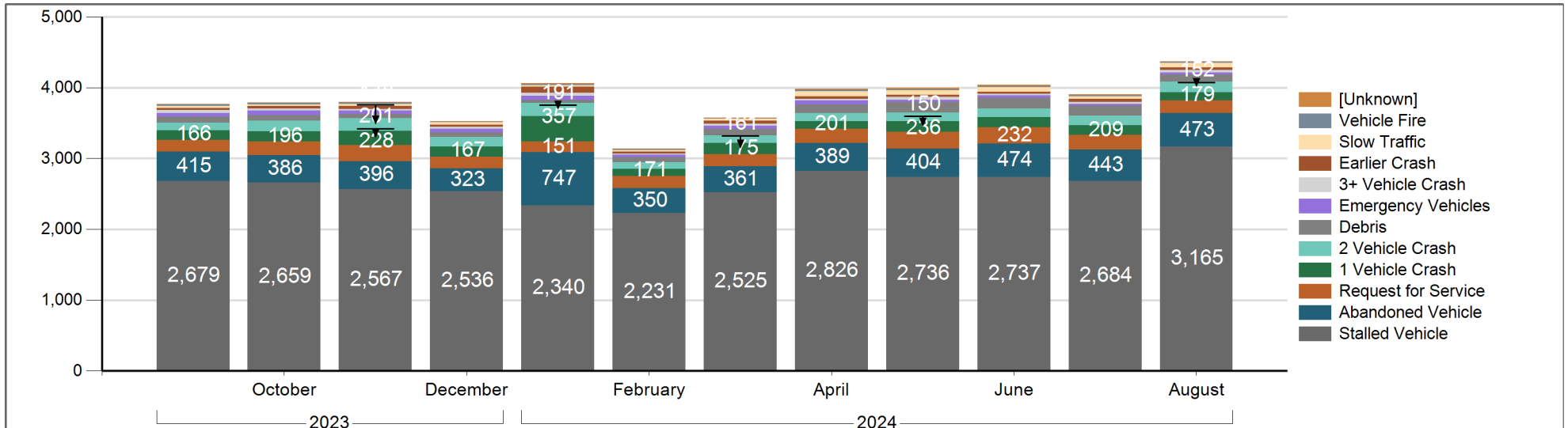


INCIDENT TOTALS BY TYPE

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	3,165	72%	50 min	1,179	51	47	950	58	880
Abandoned Vehicle	473	11%	8 min	226	4	7	64	10	162
Request for Service	179	4%		54	23	38	16	14	34
2 Vehicle Crash	152	3%	2 hr 5 m	88	5	11	17	5	26
1 Vehicle Crash	117	3%	1 hr 22 m	39	6	6	19	7	40
Debris	103	2%	14 min	60	3	4	3	1	32
Slow Traffic	64	1%		39	0	0	4	2	19
3+ Vehicle Crash	36	0.82%	1 hr 13 m	17	1	5	2	1	10
Earlier Crash	33	0.75%		7	4	3	7	3	9
Emergency Vehicles	27	0.61%	48 min	11	3	0	3	1	9
Towing Operation	16	0.36%	3 hr 19 m	7	0	0	3	0	6
Vehicle Fire	16	0.36%	2 hr 19 m	5	1	2	3	0	5
Total	4,381	100%	1 hr 31 m	1,732	101	123	1,091	102	1,232

* - Totals include Highway Helper Incidents

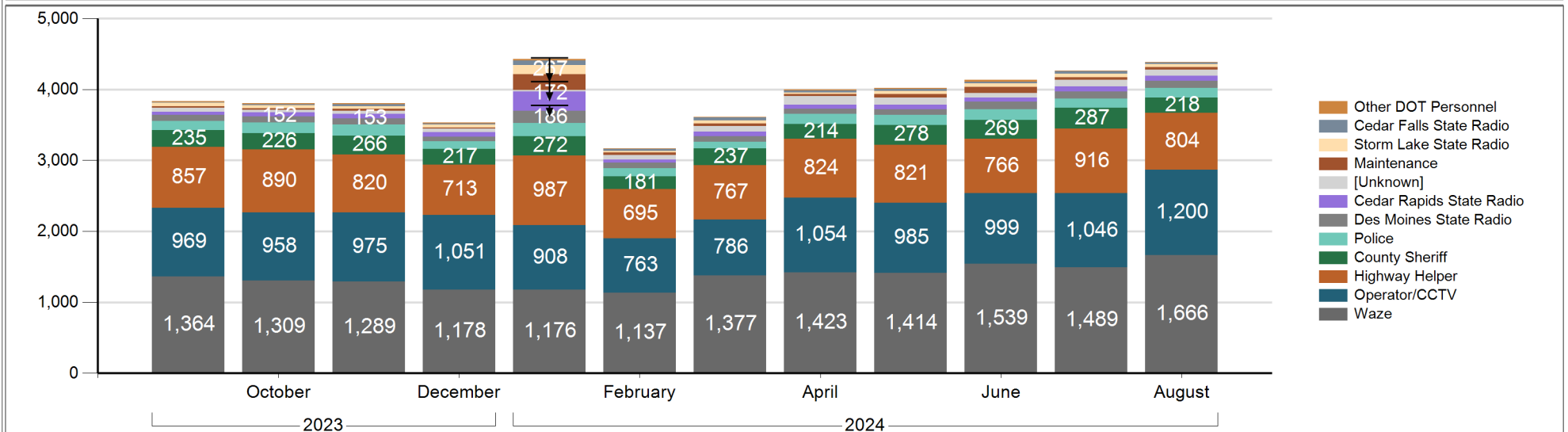


INCIDENT TOTALS BY DETECTION TYPE

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	1,666	38%	762	49	47	225	52	531
Operator/CCTV	1,200	27%	321	7	4	643	10	215
Highway Helper	804	18%	341	0	0	142	5	316
County Sheriff	218	5%	66	25	48	19	19	41
Police	135	3%	87	3	7	5	1	32
Other	113	3%	55	0	2	16	8	32
Des Moines State Radio	96	2%	76	0	0	11	9	0
Cedar Rapids State Radio	74	2%	8	0	0	0	3	63
Storm Lake State Radio	40	0.91%	0	0	13	26	0	1
Maintenance	34	0.77%	11	1	3	6	3	10
Cedar Falls State Radio	22	0.50%	3	17	0	0	0	2
Other DOT Personnel	7	0.16%	5	0	0	0	0	2
Total	4,409	100%	1,735	102	124	1,093	110	1,245

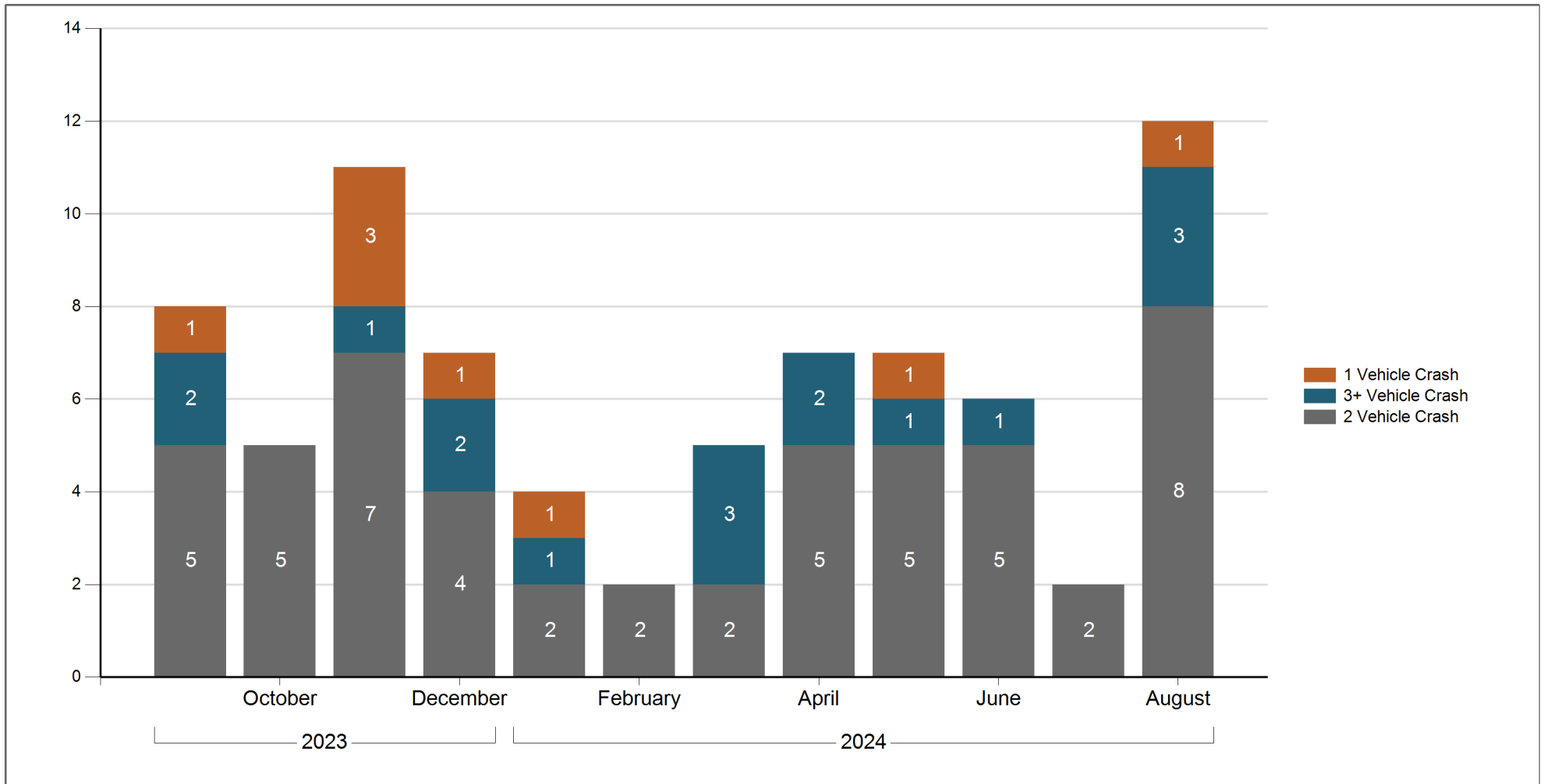
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

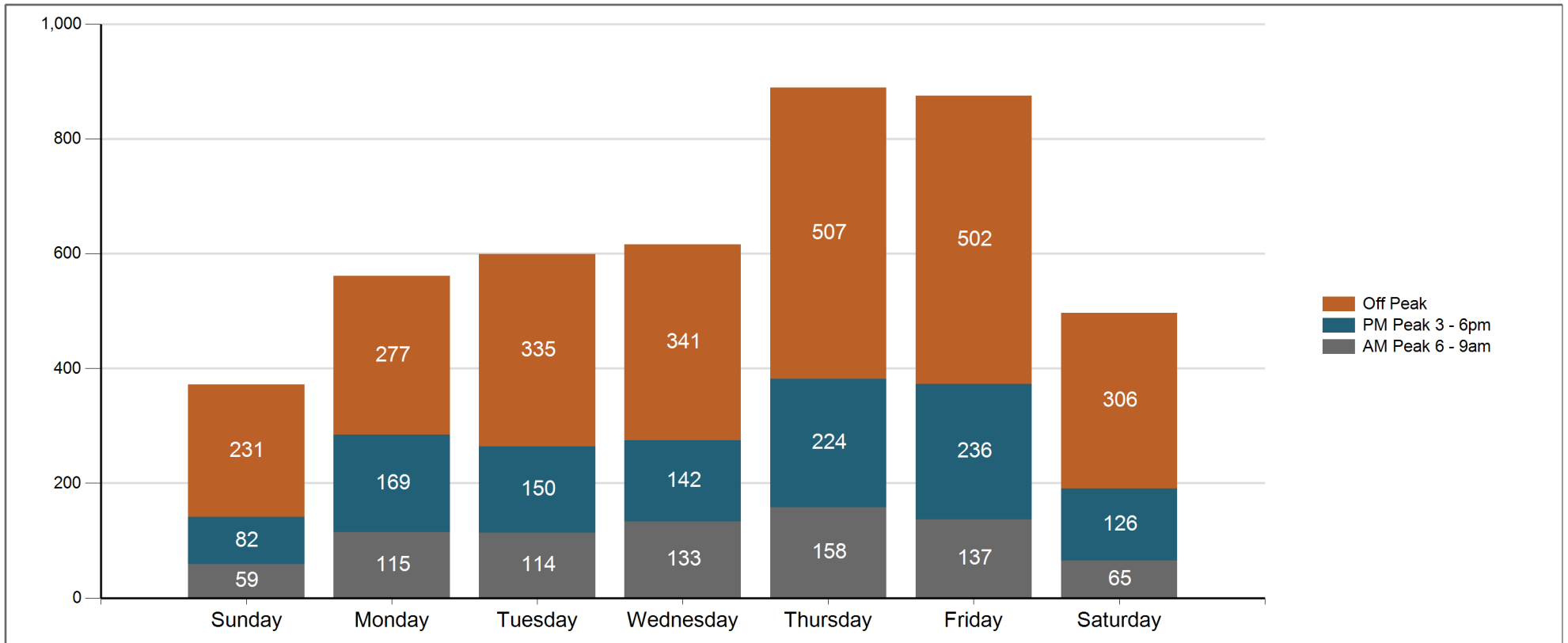
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	8	67%	28 min	5	0	1	1	0	1
3+ Vehicle Crash	3	25%	1 hr 5 m	2	0	0	0	1	0
1 Vehicle Crash	1	8%		1	0	0	0	0	0
Total	12	100%	42 min	8	0	1	1	1	1



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.

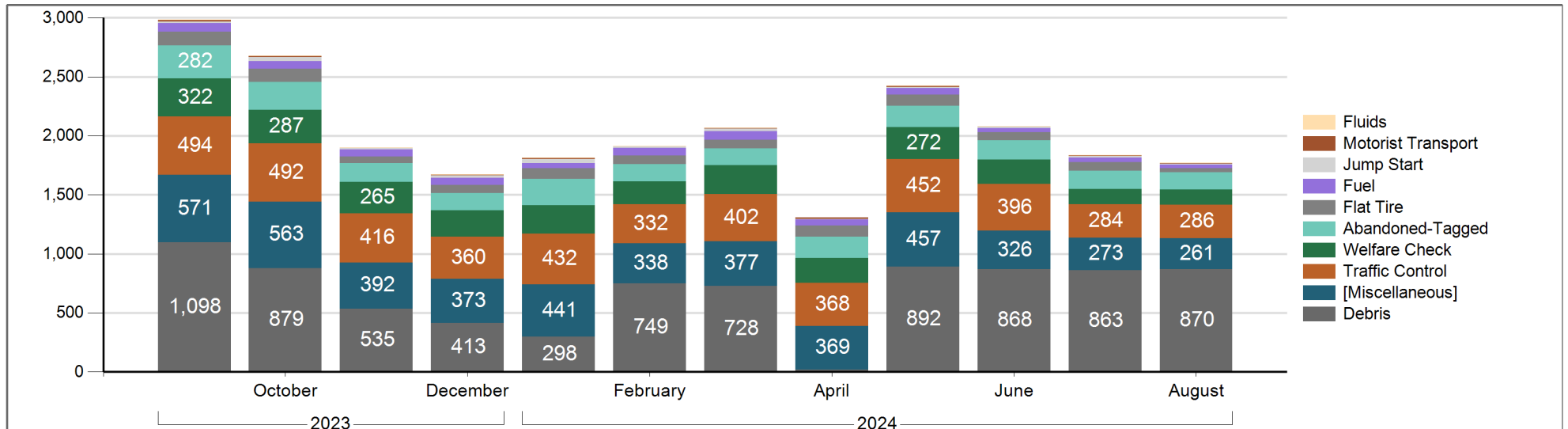
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Thursday	889	20%	2 hr 36 m	362	15	19	208	25	260
Friday	875	20%	58 min	334	25	32	217	20	247
Wednesday	616	14%	2 hr 11 m	244	13	19	146	16	178
Tuesday	599	14%	1 hr 22 m	227	11	14	163	9	175
Monday	561	13%	1 hr 4 m	228	16	18	98	19	182
Saturday	497	11%	48 min	195	9	11	160	10	112
Sunday	372	8%	59 min	145	13	11	101	11	91
Total	4,409	100%	2 hr 36 m	1,735	102	124	1,093	110	1,245



HIGHWAY HELPER RESPONSES

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

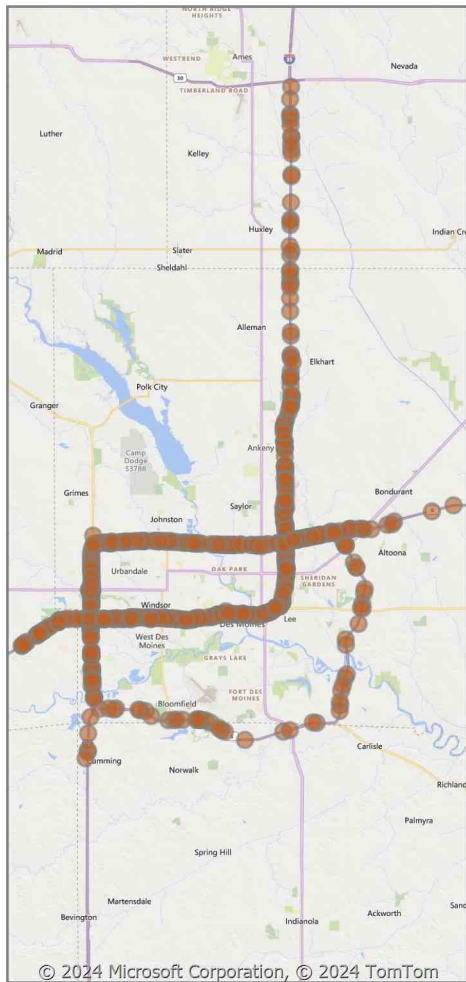
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	870	49%	34 min	298	80	197	295
Traffic Control	286	16%	2 hr 6 m	98	62	66	60
[Miscellaneous]	261	15%	1 hr 39 m	90	54	61	56
Abandoned-Tagged	144	8%		46	32	32	34
Welfare Check	129	7%	53 min	45	28	33	23
Flat Tire	36	2%		14	2	16	4
Fuel	28	2%	37 min	10	4	4	10
Jump Start	12	0.68%	37 min	4	2	2	4
Motorist Transport	3	0.17%		0	0	2	1
Fluids	2	0.11%		1	0	0	1
Total	1,771	100%	1 hr 38 m	606	264	413	488



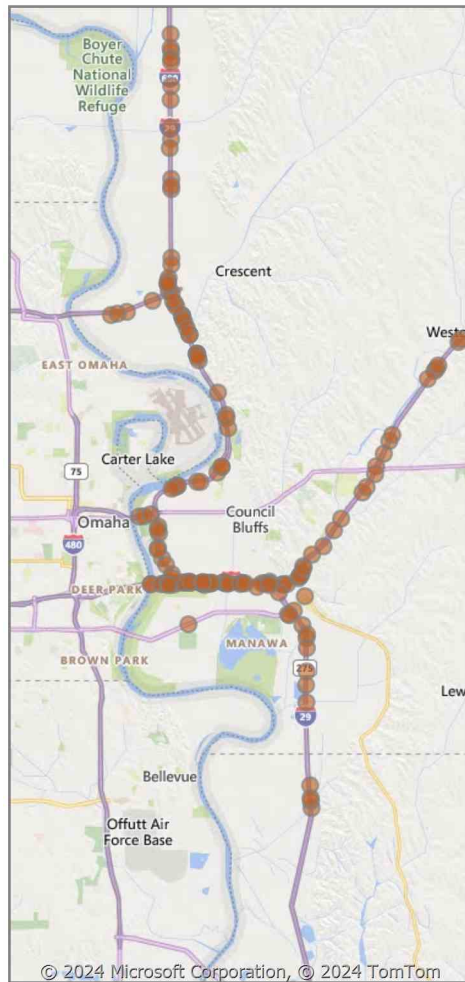
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

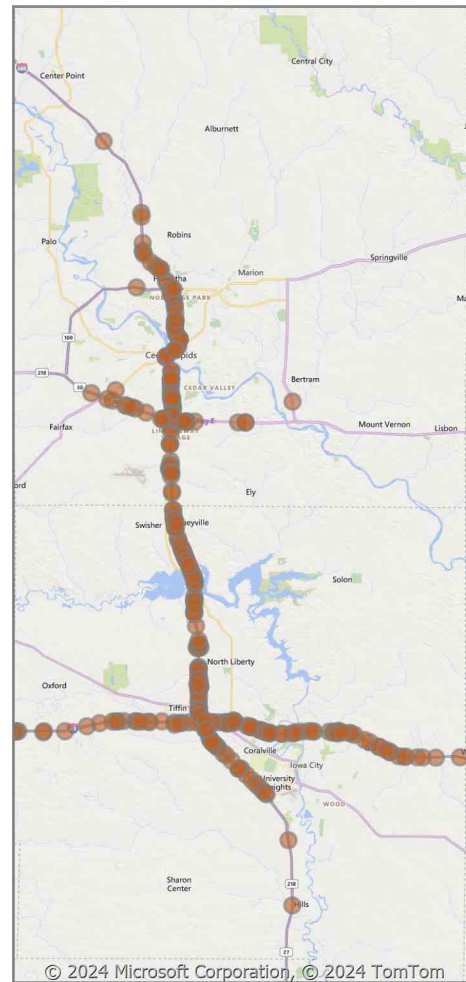
DES MOINES



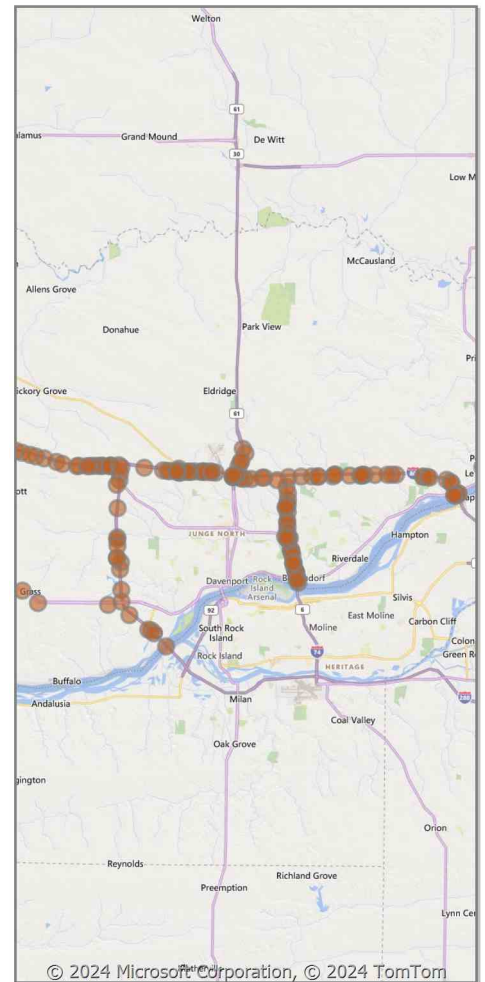
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

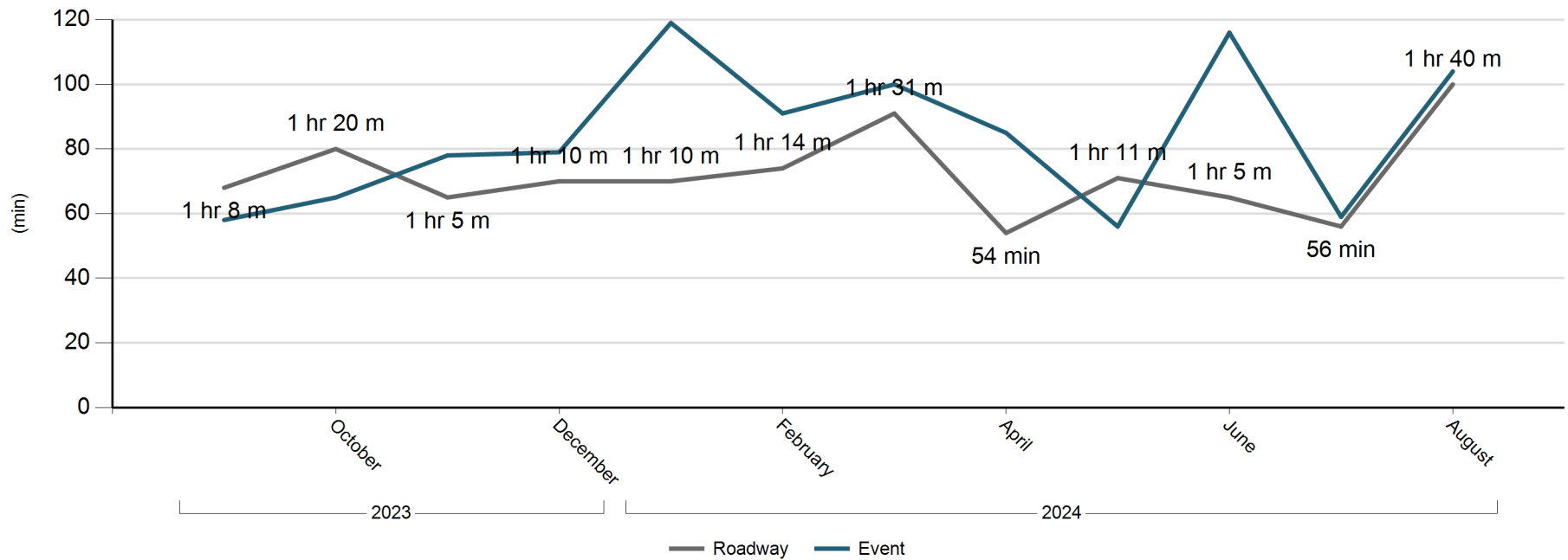


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

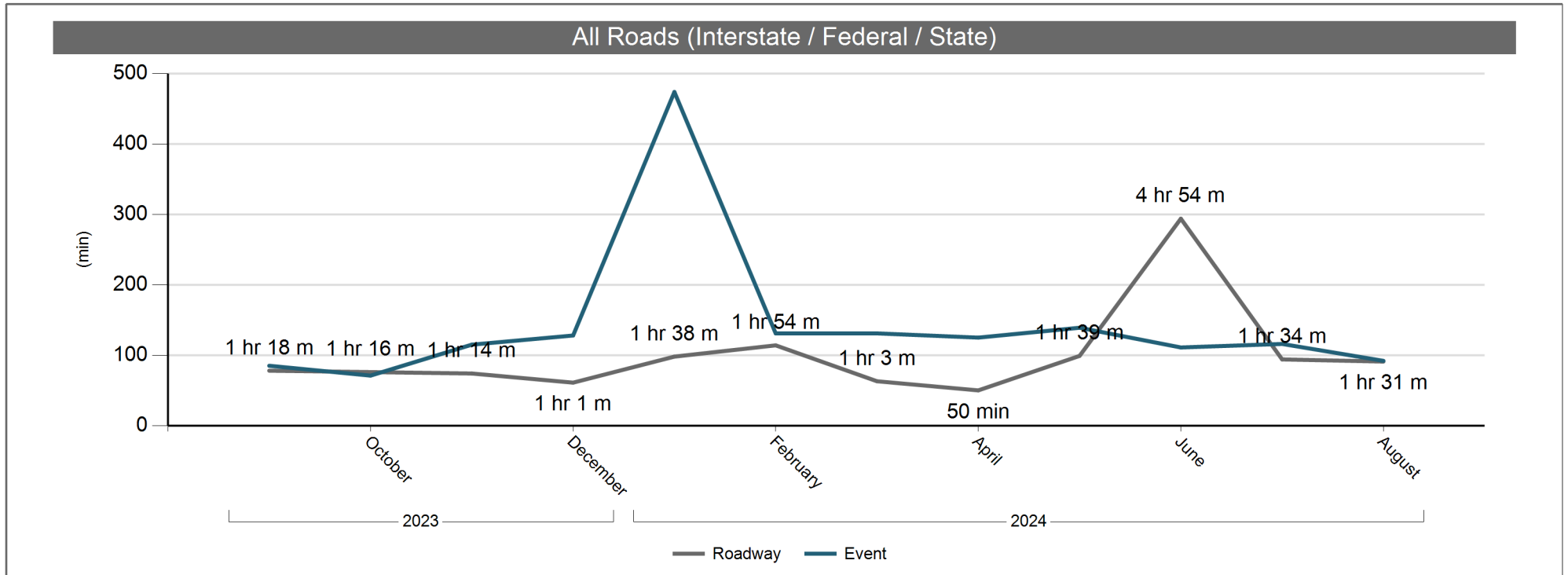
Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total	District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 44 m	2 hr 16 m	45 min	1 hr 11 m	59 min		50 min
	Federal	2 hr 21 m	4 hr 39 m		2 hr 1 m			55 min
	Interstate	1 hr 37 m	2 hr 2 m	45 min	22 min	59 min		47 min
	State							
Roadway	All	1 hr 40 m	2 hr 3 m	1 hr 25 m	1 hr 5 m	57 min	1 hr 39 m	1 hr 33 m
	Federal	4 hr 25 m	15 hr 30 m	15 min	1 hr 53 m	11 min	1 hr 53 m	1 hr 13 m
	Interstate	59 min	41 min	2 hr 18 m	21 min	1 hr 3 m	1 hr 20 m	1 hr 29 m
	State	1 hr 24 m	56 min	13 min	1 hr 17 m		1 hr 27 m	3 hr 17 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	1 hr 32 m		1 hr 29 m	45 min	9 hr 46 m	57 min		1 hr 10 m
	Federal	2 hr 49 m		3 hr 13 m		14 hr 28 m	32 min		37 min
	Interstate	1 hr 19 m		1 hr 23 m	45 min	22 min	1 hr 6 m		1 hr 22 m
	State	26 min			46 min		7 min		
Roadway	All	1 hr 31 m		1 hr 25 m	1 hr 9 m	2 hr 44 m	1 hr 7 m	5 hr 13 m	1 hr
	Federal	3 hr 53 m		6 hr 54 m	45 min	6 hours	26 min	9 hr 21 m	1 hr
	Interstate	53 min		45 min	1 hr 38 m	20 min	1 hr 16 m	1 hr 12 m	54 min
	State	1 hr 32 m		58 min	52 min	2 hr 39 m	21 min	56 min	2 hr 28 m



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 22 m)								
	08/01 10:34 PM	323613	US-65	1			3 hr 39 m	Single vehicle crash event on US-65 N @ MM 136.1 (near Hubbard).
	08/17 09:35 PM	325912	I-35		1		3 hr 35 m	Single vehicle crash event on I-35 S @ MM 192 (near Clear Lake).
	08/09 06:55 PM	324817	I-80			1	4 hr 16 m	Single vehicle crash event on I-80 W @ MM 113.2 (near Van Meter).
	08/26 06:59 AM	326997	I-80			1	9 hr 18 m	Single vehicle crash event on I-80 E @ MM 242.6 in Coralville.
	08/21 01:24 AM	326340	US-63			1	4 hr 58 m	Single vehicle crash event on US-63 S @ MM 38.5 (near Ottumwa).
	08/22 11:50 AM	326565	IA-10		1	1	4 hr 3 m	Single vehicle crash event on IA-10 E @ MM 64.6 (near Peterson).
	08/29 08:09 AM	327519	I-80		1	2	7 hr 59 m	Single vehicle crash event on I-80 E/W @ MM 130.4 in Urbandale.
2 Vehicle Crash (Avg Impact : 2 hr 5 m)								
	08/22 12:43 PM	326571	US-65	1	2	1	3 days	2 vehicle crash event on US-65 S @ MM 79.8 in Pleasant Hill.
3+ Vehicle Crash (Avg Impact : 1 hr 13 m)								
	08/05 05:27 AM	324082	I-80		2	3	9 hr 3 m	3+ vehicle crash event on I-80 E @ MM 246.3 in Iowa City.
	08/27 02:41 AM	327129	I-80				3 hr 9 m	3+ vehicle crash event on I-80 W @ MM 139.9 (near Altoona).
	08/30 10:56 AM	327730	US-61			1	3 hr 45 m	3+ vehicle crash event on US-61 N @ MM 108.3 in Blue Grass.
Emergency Repairs (Avg Impact : 17 hrs)								
	08/21 01:21 PM	326405	US-63				1 day 20 hr 58 m	Emergency repairs event on US-63 S @ MM 63 in Oskaloosa.
Emergency Vehicles (Avg Impact : 48 min)								
	08/12 04:09 AM	325012	US-30				2 hr 22 m	Emergency vehicles event on US-30 E @ MM 203.4 (near Toledo).
Stalled Vehicle (Avg Impact : 50 min)								
	08/15 09:59 AM	325539	I-80			1	4 hr 34 m	Stalled vehicle event on I-80 W @ MM 135 (near Saylorville).
	08/29 03:13 AM	327482	I-80			1	3 hr 21 m	Stalled vehicle event on I-80 W @ MM 111 (near De Soto).
	08/28 01:08 PM	327393	IA-9				10 hr 56 m	Stalled vehicle event on IA-9 E @ MM 5.5 in Larchwood.
Towing Operation (Avg Impact : 3 hr 19 m)								
	08/17 10:15 PM	325913	I-29			1	5 hr 44 m	Towing operation event on I-29 N @ MM 19.8 (near Thurman).
Vehicle Fire (Avg Impact : 2 hr 19 m)								
	08/21 04:51 AM	326352	I-80			1	10 hr 15 m	Vehicle fire event on I-80 W @ MM 130.1 in Urbandale.