

TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

October 2024

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

Executive Summary

TOTAL INCIDENTS The total number of incidents during the period. *		TOTAL SECONDARY INCIDENTS Crashes that occur within the original incident scene or resulting queue.		TOTAL MULTI-VEHICLE INCIDENTS The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
September	October	September	October	September	October
3,804	3,590	5	8	182	183

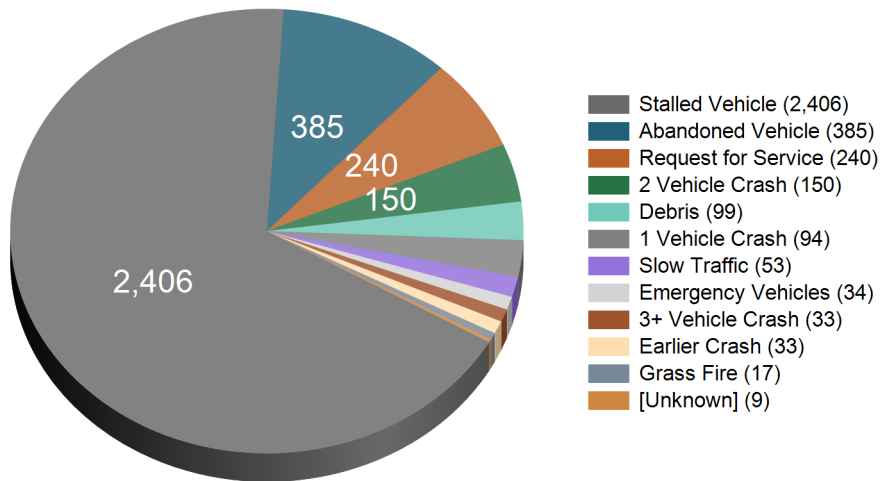
LANE BLOCKAGE INCIDENTS The total number of incidents which resulted in at least one blocked lane of travel.*		AVERAGE CLEARANCE TIME The average time for all lanes to be cleared after a crash.		TOTAL HIGHWAY HELPER RESPONSES The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
September	October	September	October	September	October
233	236	1 hr 20 m	1 hr 10 m	1,130	1,160

* - excludes roadwork

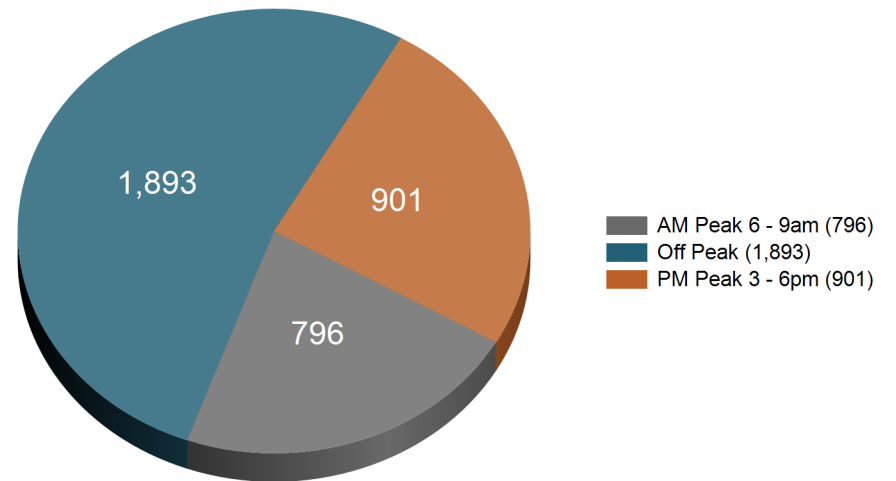
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

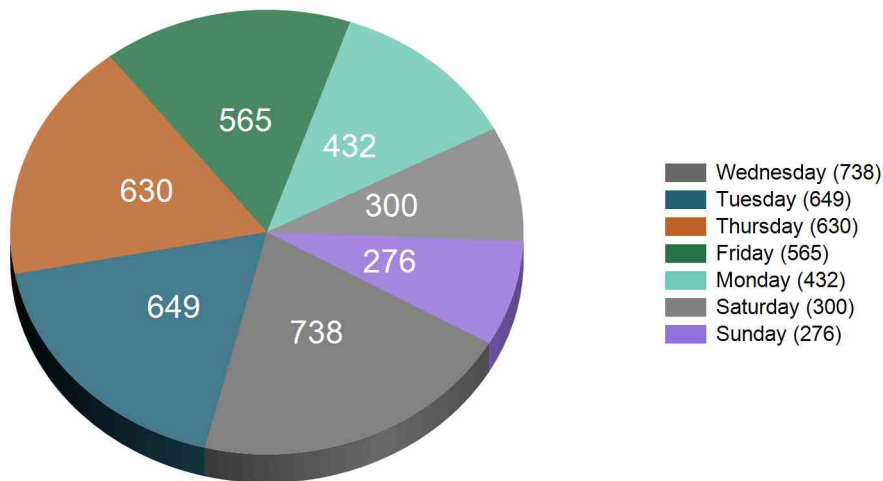
Incidents By Type



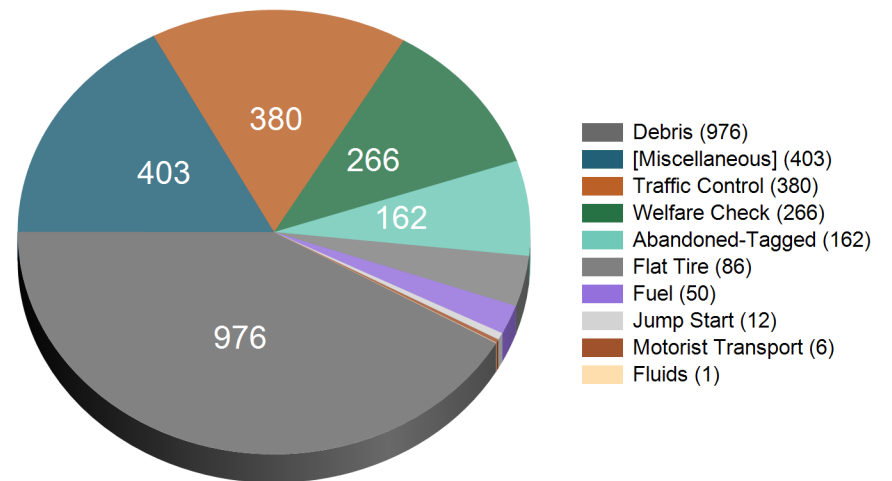
Incidents By Shift



Incidents By Day



Highway Helper Response

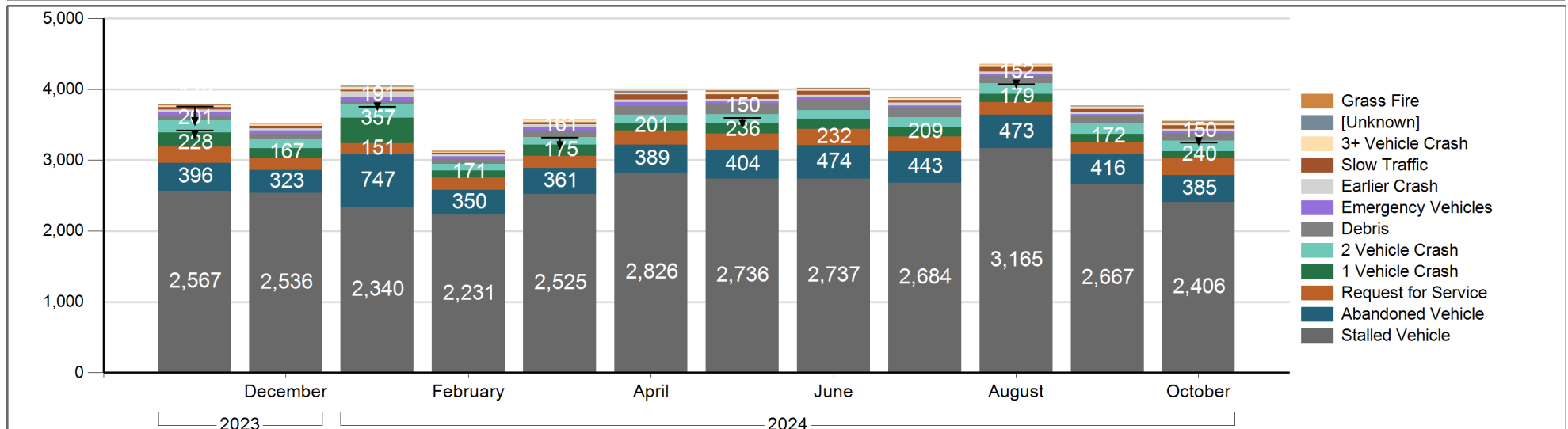


INCIDENT TOTALS BY TYPE

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	2,406	67%	32 min		917	22	31	758	36	642
Abandoned Vehicle	385	11%	26 min		176	8	13	47	11	130
Request for Service	240	7%			52	35	41	20	24	68
2 Vehicle Crash	150	4%	1 hr 6 m		77	7	8	13	7	38
Debris	99	3%	20 min		46	2	9	9	5	28
1 Vehicle Crash	94	3%	1 hr 32 m		33	1	8	17	5	30
Slow Traffic	53	1%			38	0	2	3	0	10
Emergency Vehicles	34	0.95%	28 min		15	2	2	6	1	8
3+ Vehicle Crash	33	0.92%	47 min		20	1	2	1	1	8
Earlier Crash	33	0.92%			9	3	4	3	7	7
Grass Fire	17	0.47%	15 min		6	3	1	4	0	3
Vehicle Fire	17	0.47%	49 min		5	1	1	4	2	4
Total	3,561	100%	59 min		1,394	85	122	885	99	976

* - Totals include Highway Helper Incidents

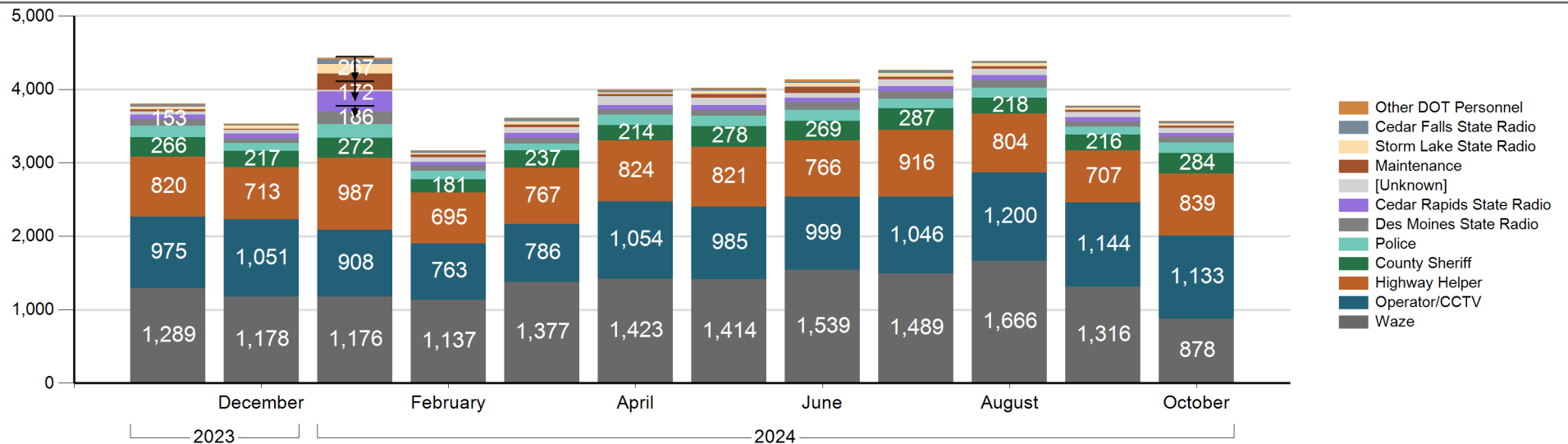


INCIDENT TOTALS BY DETECTION TYPE

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*
Operator/CCTV	1,133	32%		353	12	7	545	10	206
Waze	878	24%		442	16	39	133	36	212
Highway Helper	839	23%		318	0	0	132	3	386
County Sheriff	284	8%		74	33	48	26	31	72
Police	141	4%		94	6	12	2	1	26
Other	89	2%		38	2	0	21	7	21
Des Moines State Radio	78	2%		64	0	0	8	6	0
Cedar Rapids State Radio	55	2%		8	0	0	0	6	41
Storm Lake State Radio	33	0.92%		0	0	13	20	0	0
Maintenance	26	0.72%		8	1	6	1	1	9
Cedar Falls State Radio	23	0.64%		4	15	0	1	0	3
Other DOT Personnel	11	0.31%		4	0	1	0	3	3
Total	3,590	100%		1,407	85	126	889	104	979

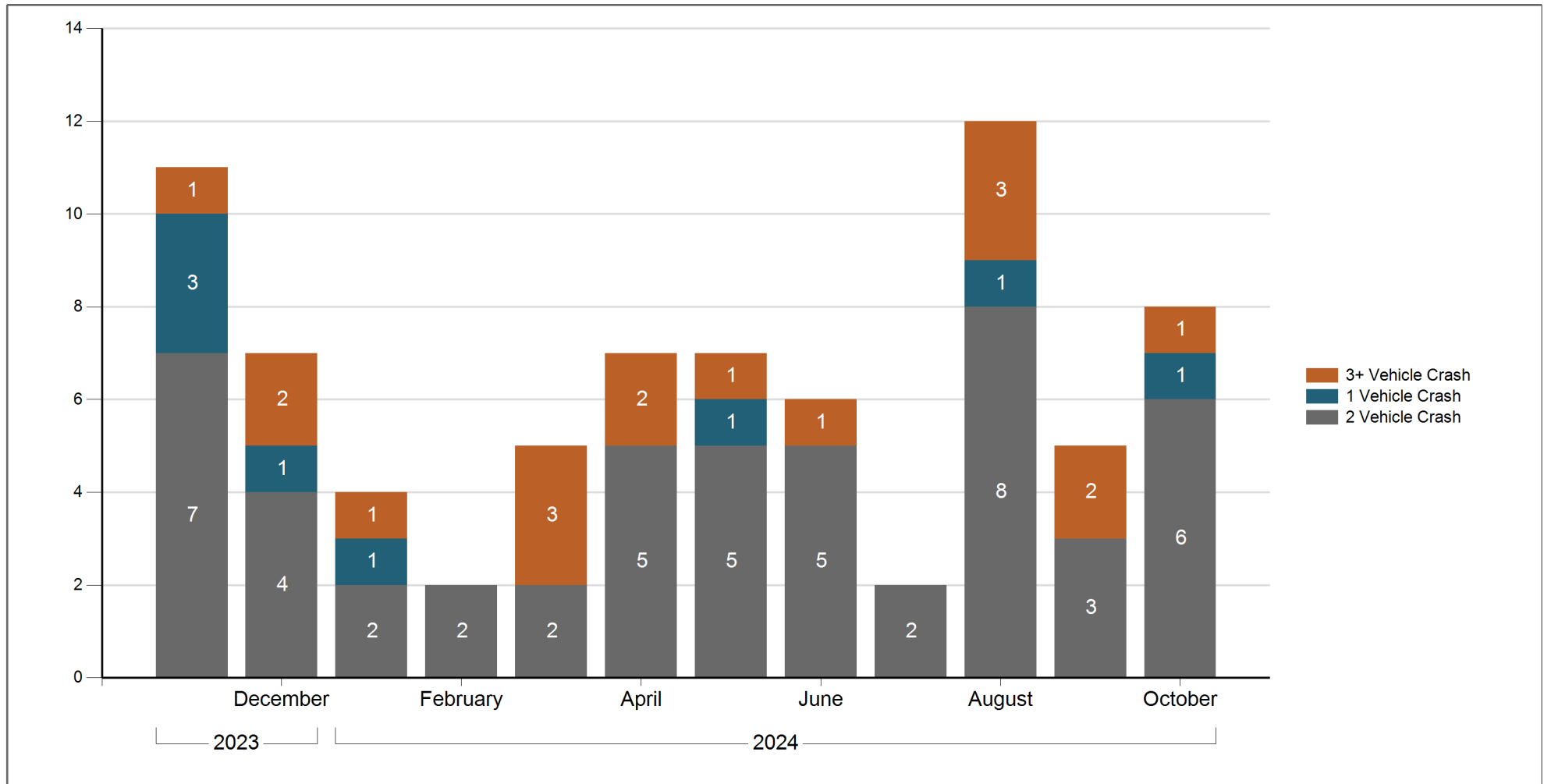
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

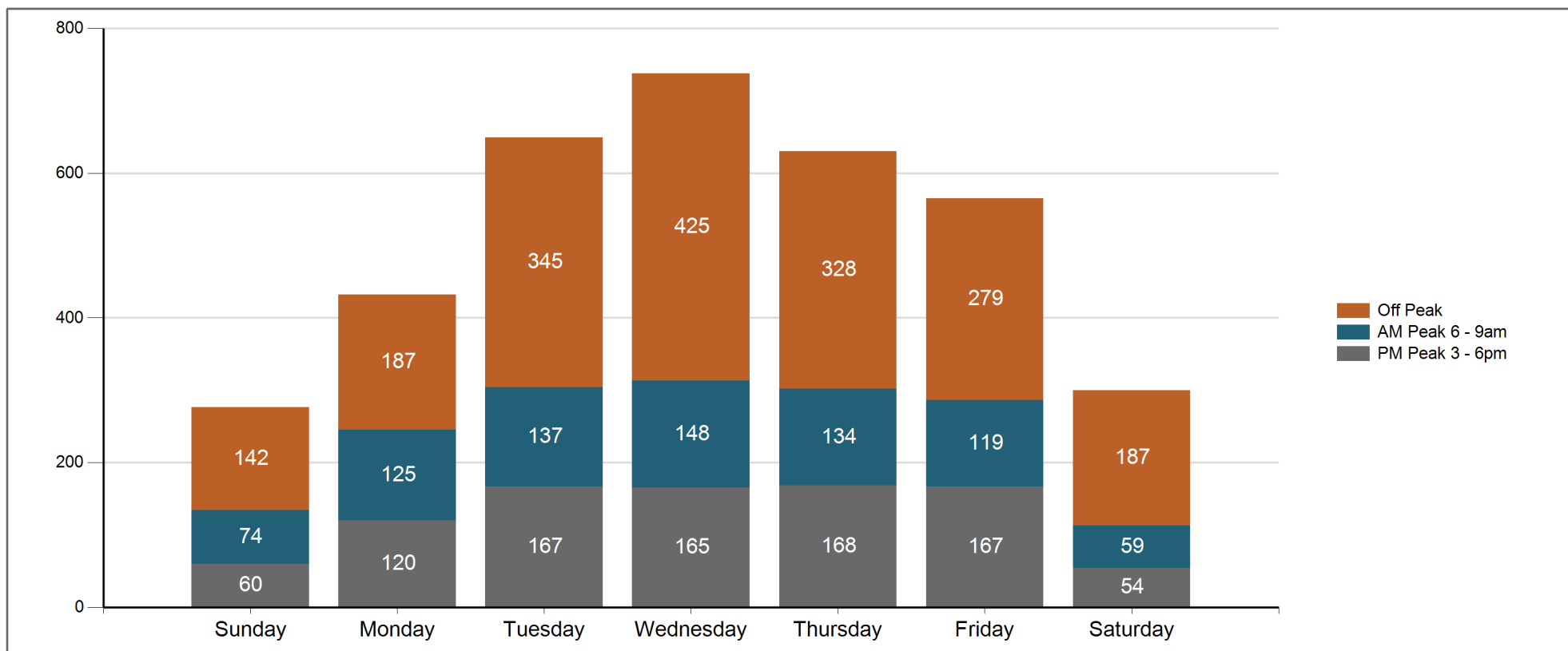
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	6	75%	28 min		4	0	0	0	0	2
1 Vehicle Crash	1	13%			0	0	0	0	0	1
3+ Vehicle Crash	1	13%			0	0	1	0	0	0
Total	8	100%	28 min		4	0	1	0	0	3



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.

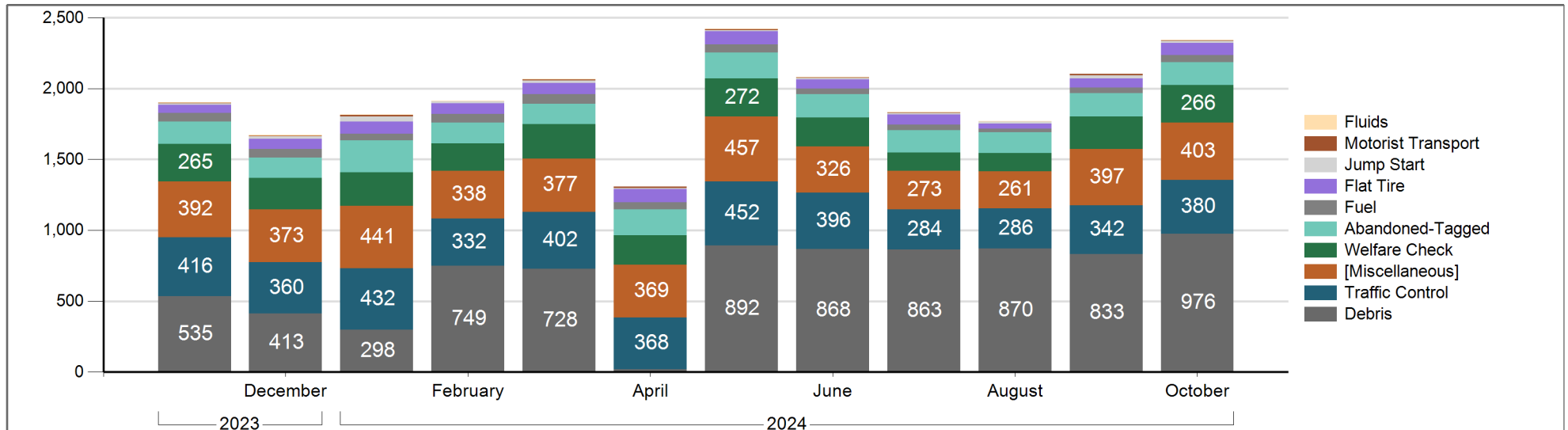
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	738	21%	1 hr 5 m		250	19	20	238	23	188
Tuesday	649	18%	40 min		272	14	16	143	19	185
Thursday	630	18%	1 hr 2 m		235	9	27	146	16	197
Friday	565	16%	40 min		236	13	26	120	18	152
Monday	432	12%	1 hr 10 m		181	13	17	83	12	126
Saturday	300	8%	1 hr 2 m		130	10	10	72	7	71
Sunday	276	8%	1 hr 48 m		103	7	10	87	9	60
Total	3,590	100%	1 hr 5 m		1,407	85	126	889	104	979



HIGHWAY HELPER RESPONSES

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

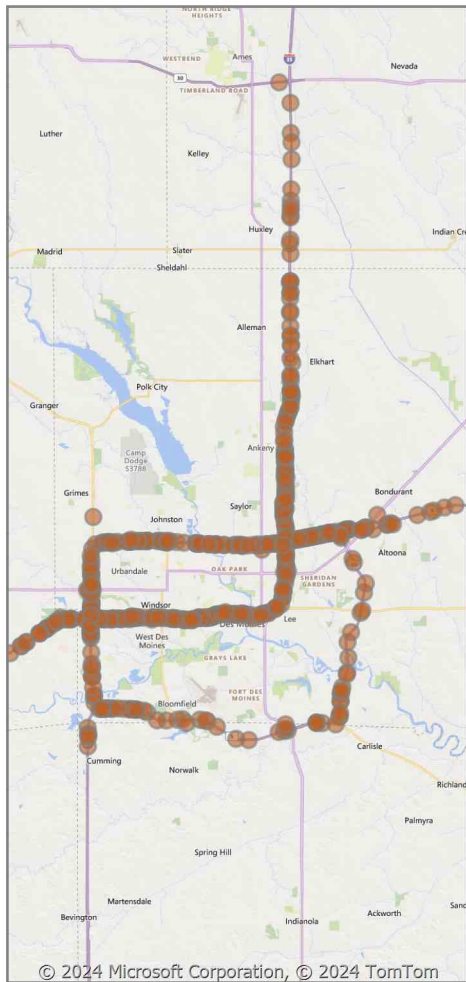
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	976	42%	20 min		346	198	275	157
[Miscellaneous]	403	17%	37 min		127	99	92	85
Traffic Control	380	16%	37 min		126	78	92	84
Welfare Check	266	11%	50 min		67	67	77	55
Abandoned-Tagged	162	7%			70	36	30	26
Flat Tire	86	4%	4 min		34	14	20	18
Fuel	50	2%			18	16	10	6
Jump Start	12	0.51%			2	2	4	4
Motorist Transport	6	0.26%			4	0	0	2
Fluids	1	0.04%			1	0	0	0
Total	2,342	100%	35 min		795	510	600	437



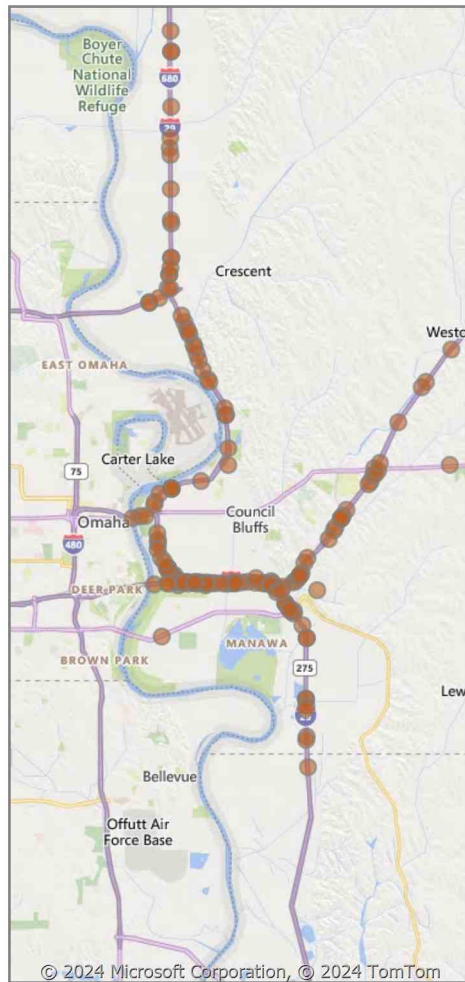
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

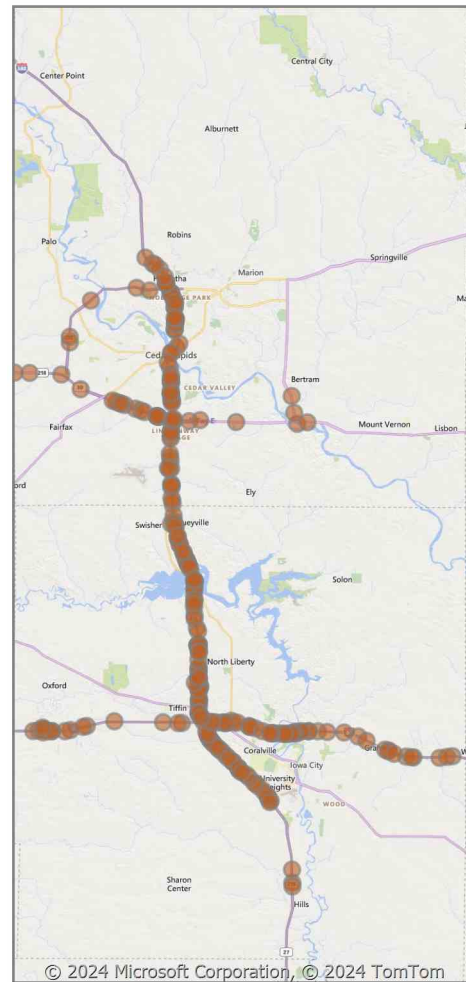
DES MOINES



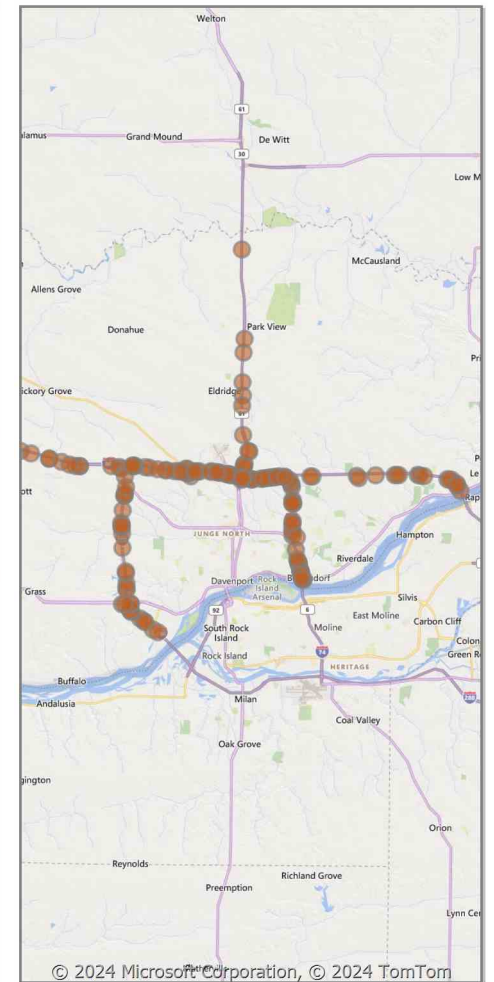
COUNCIL BLUFFS



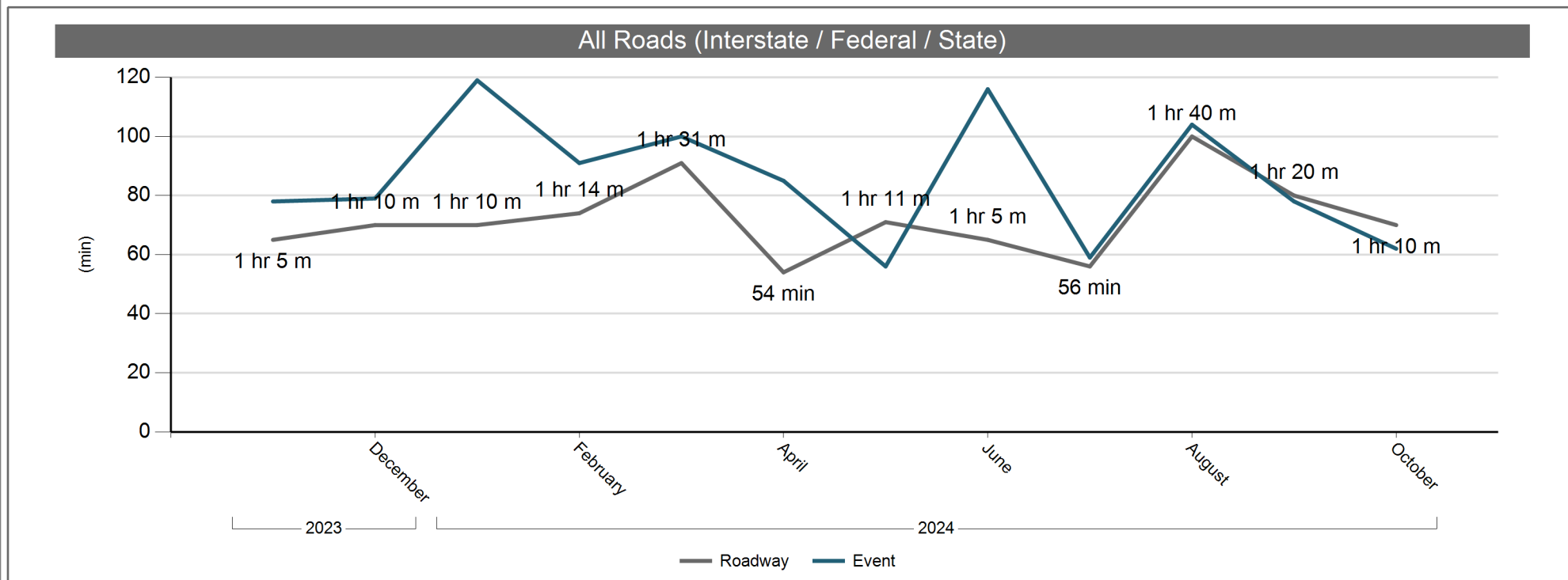
CEDAR RAPIDS / IOWA CITY



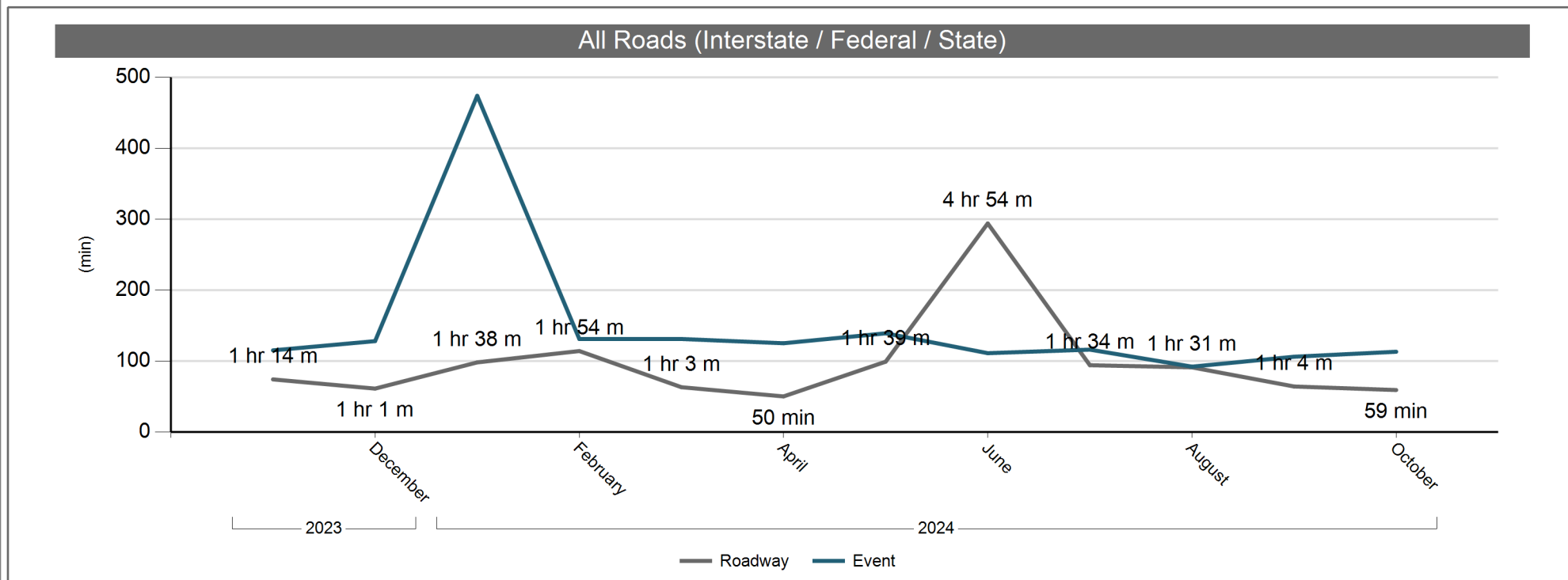
DAVENPORT



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 2 m		52 min		1 hr 13 m	37 min	1 hr 54 m	1 hr 13 m
	Federal	59 min				28 min			1 hr 10 m
	Interstate	44 min		45 min		1 hr 3 m	37 min	17 min	40 min
	State	2 hr 43 m		1 hr 34 m		2 hr 20 m		3 hr 32 m	5 hr 49 m
Roadway	All	1 hr 10 m		52 min	1 hr 11 m	1 hr 28 m	1 hr 39 m	1 hr 21 m	1 hr 28 m
	Federal	1 hr 33 m		1 hr 10 m	40 min	43 min	51 min	1 hr 20 m	2 hr 35 m
	Interstate	55 min		46 min		2 hours	2 hr 11 m	16 min	35 min
	State	1 hr 39 m		1 hr 18 m	3 hr 16 m	1 hr 28 m	38 min	3 hr 33 m	3 hr 18 m



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 53 m		1 hr 57 m	29 min	1 hr 4 m	34 min	1 hr 54 m	2 hr 44 m
	Federal	3 hr 34 m		16 min		28 min	45 min		6 hr 7 m
	Interstate	1 hr 7 m		1 hr 28 m	29 min	51 min	31 min	17 min	33 min
	State	4 hr 49 m		6 hr 5 m		2 hr 20 m		3 hr 32 m	3 hr 33 m
Roadway	All	59 min		46 min	57 min	1 hr 27 m	1 hr 17 m	54 min	1 hr 5 m
	Federal	1 hr 8 m		41 min	40 min	48 min	45 min	1 hr	1 hr 42 m
	Interstate	48 min		42 min	12 min	1 hr	1 hr 28 m	11 min	34 min
	State	1 hr 31 m		1 hr 3 m	2 hr 16 m	2 hr 13 m	38 min	1 hr 20 m	2 hr 38 m



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 32 m)								
	10/02 10:08 AM	332041	US-151			1	5 hr 50 m	Single vehicle crash event on RAMP: US 151 S to US 30 E @ MM 0.4 (near Bertram).
	10/02 08:37 AM	332031	I-29		1	1	4 hr 36 m	Single vehicle crash event on I-29 S @ MM 125.9 (near Sloan).
	10/20 07:25 PM	334223	I-80			1	13 hr 27 m	Single vehicle crash event on I-80 E @ MM 96.8 (near Dexter).
2 Vehicle Crash (Avg Impact : 1 hr 6 m)								
	10/01 07:44 PM	331970	IA-21		3		3 hr 1 m	2 vehicle crash event on IA-21 N @ MM 29.6 (near Deep River).
	10/04 06:17 PM	332396	US-151		1	2	2 hr 46 m	2 vehicle crash event on US-151 S @ MM 78 (near Cascade).
	10/03 08:07 PM	332257	US-61	1			7 hr 52 m	2 vehicle crash event on US-61 N @ MM 167.7 (near Andrew).
	10/26 03:27 AM	334893	I-80			2	8 hr 14 m	2 vehicle crash event on I-80 E @ MM 157.5 (near Colfax).
	10/30 01:38 PM	335350	I-35				2 hr 52 m	2 vehicle crash event on I-35 S @ MM 72.4 in West Des Moines.
	10/05 12:32 PM	332481	IA-9		2		3 hr 16 m	2 vehicle crash event on IA-9 E @ MM 276 (near Waukon).
	10/07 10:31 AM	332628	US-30	3	1		3 hr 14 m	2 vehicle crash event on US-30 E @ MM 322.3 (near Low Moor).
	10/13 04:18 AM	333289	US-20	2			3 hr 22 m	2 vehicle crash event on US-20 W @ MM 288.1 (near Earlville).
	10/28 09:13 AM	335038	US-52			2	3 hr 32 m	2 vehicle crash event on US-52 N/S @ MM 2.4 in Sabula.
	10/25 12:15 PM	334814	US-169		2	1	2 hr 32 m	2 vehicle crash event on US-169 S @ MM 92.5 (near Dallas Center).
3+ Vehicle Crash (Avg Impact : 47 min)								
	10/03 05:54 PM	332244	I-80		1	2	2 hr 25 m	3+ vehicle crash event on I-80 W @ MM 268.8 (near Wilton).
	10/11 09:03 PM	333228	IA-163	2	2		3 hr 33 m	3+ vehicle crash event on IA-163 E @ MM 53.1 (near Leighton).
Emergency Repairs (Avg Impact : 1 day 21 hr 20 m)								
	10/29 03:59 PM	335247	IA-14				8 days	Emergency repairs event on IA-14 N @ MM 102.8 in Marshalltown.
Stalled Vehicle (Avg Impact : 32 min)								
	10/14 10:49 AM	333421	I-29				3 hr 14 m	Stalled vehicle event on I-29 N @ MM 29 (near Pacific Junction).
Vehicle Fire (Avg Impact : 49 min)								
	10/21 06:31 AM	334244	I-80			1	3 hr 18 m	Vehicle fire event on I-80 W @ MM 208.1 (near Victor).