



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

March 2023

This report contains statistical and operational data for TMC activities from the period of March 01, 2023 to March 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
February	March	February	March	February	March
3,707	4,221	7	4	159	144

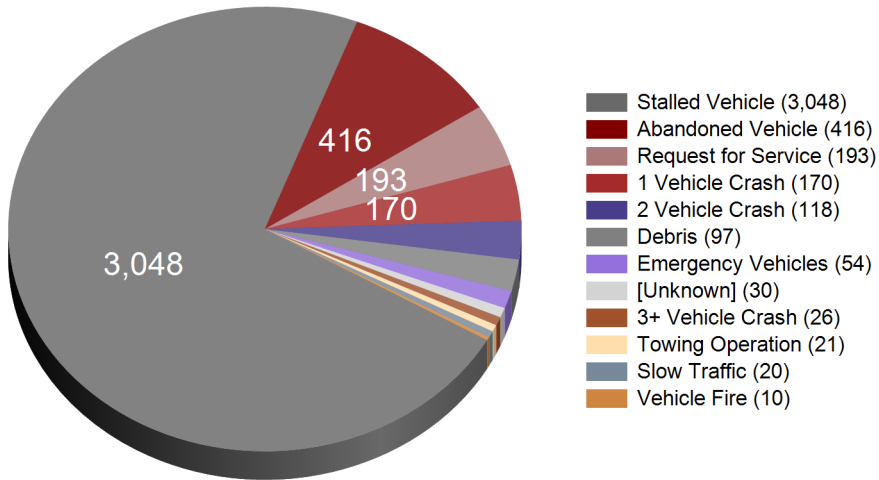
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
February	March	February	March	February	March
291	249	57 min	1 hr 23 m	1,190	1,415

* - excludes roadwork

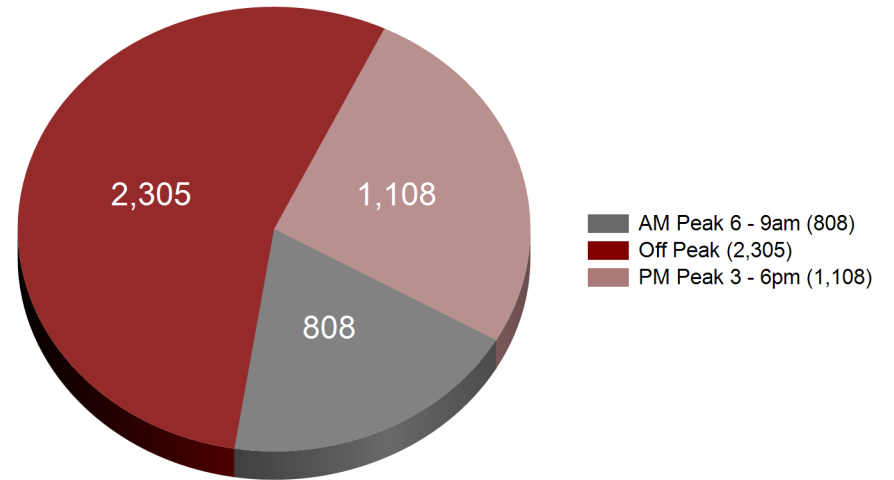
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

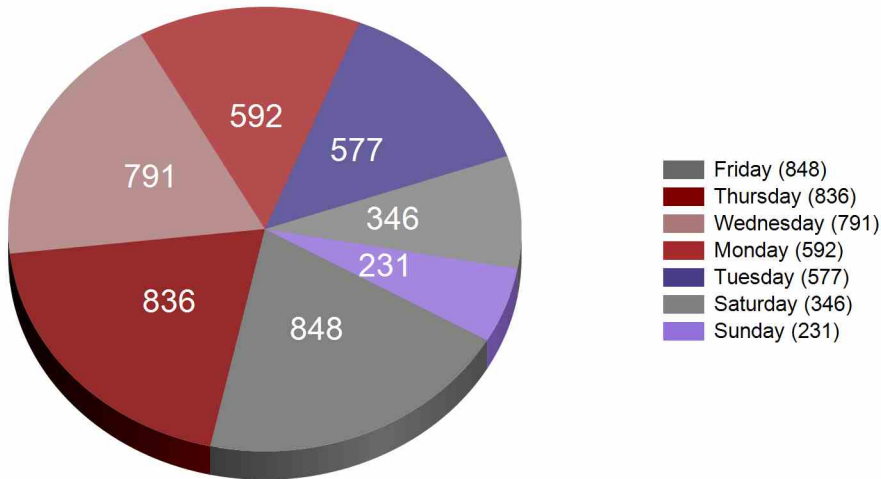
Incidents By Type



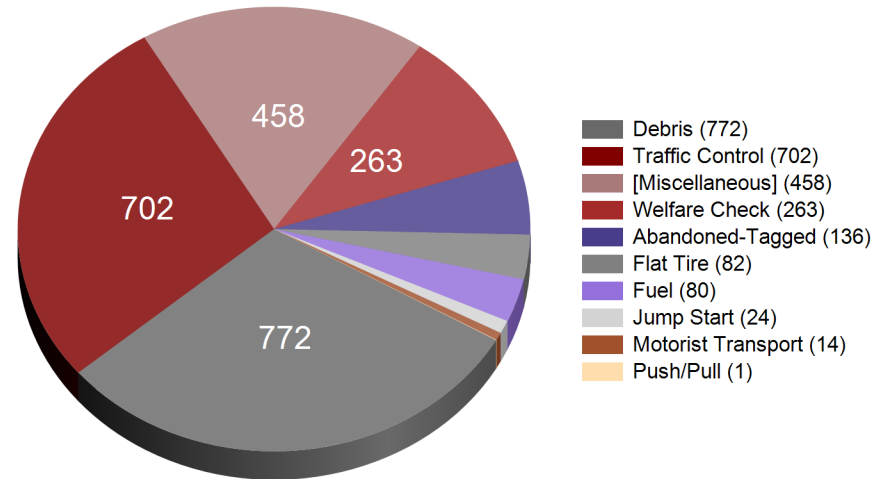
Incidents By Shift



Incidents By Day



Highway Helper Response

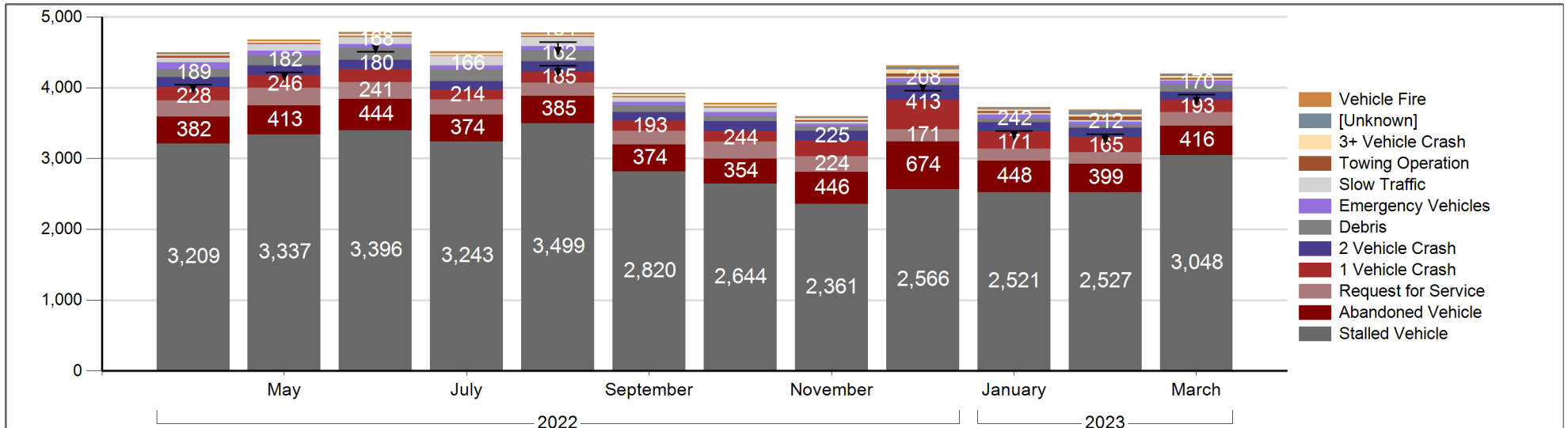


INCIDENT TOTALS BY TYPE

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	3,048	72%	41 min	1,377	154	49	367	61	1,040
Abandoned Vehicle	416	10%	23 min	190	4	9	71	3	139
Request for Service	193	5%	4 min	57	24	21	28	20	43
1 Vehicle Crash	170	4%	1 hr 20 m	45	18	11	35	18	43
2 Vehicle Crash	118	3%	1 hr 20 m	55	7	6	14	8	28
Debris	97	2%	23 min	42	2	3	8	5	37
Emergency Vehicles	54	1%	56 min	28	4	1	3	3	15
[Unknown]	30	0.71%		4	1	1	1	1	1
3+ Vehicle Crash	26	0.62%	1 hr 39 m	17	1	0	1	1	6
Towing Operation	21	0.50%	3 hr 6 m	2	2	1	6	0	10
Slow Traffic	20	0.47%		15	0	0	3	0	2
Vehicle Fire	10	0.24%	55 min	2	1	0	1	2	4
Total	4,203	100%	4 hr 19 m	1,834	218	102	538	122	1,368

* - Totals include Highway Helper Incidents

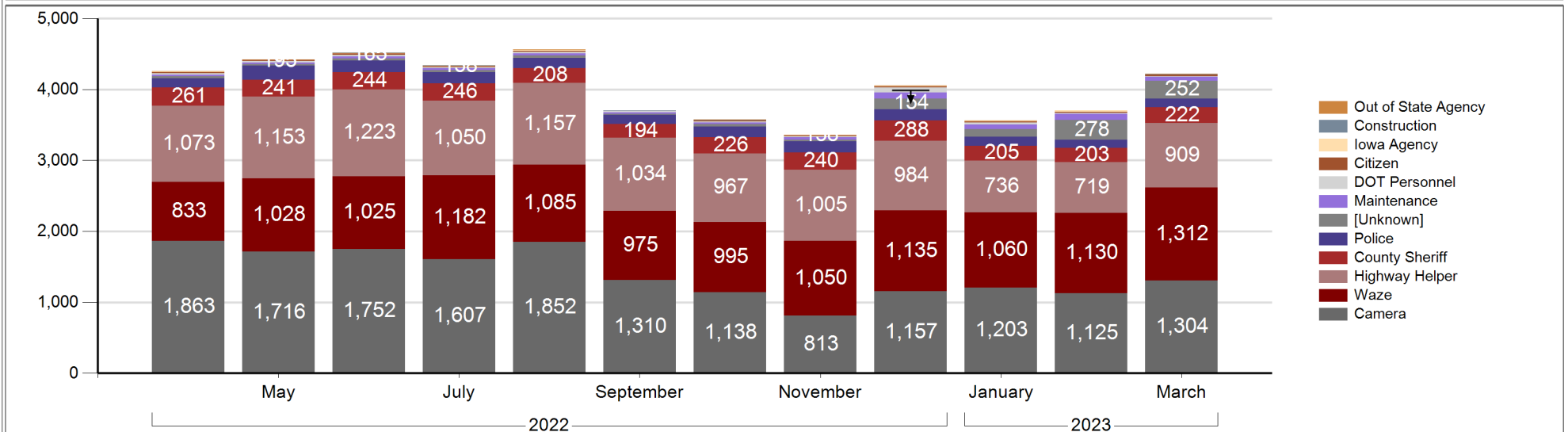


INCIDENT TOTALS BY DETECTION TYPE

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	1,312	31%	661	36	41	130	39	405
Camera	1,304	31%	564	125	17	156	17	425
Highway Helper	909	22%	366	0	0	151	9	383
Other	255	6%	92	14	10	59	18	41
County Sheriff	222	5%	57	32	24	27	25	57
Police	124	3%	72	4	9	6	2	31
Maintenance	52	1%	16	4	1	6	6	19
Citizen	15	0.36%	4	0	1	2	4	4
DOT Personnel	14	0.33%	5	1	0	0	2	6
Iowa Agency	9	0.21%	2	0	0	4	0	3
Construction	3	0.07%	0	2	0	0	0	1
Out of State Agency	2	0.05%	0	0	0	1	1	0
Total	4,221	100%	1,839	218	103	542	123	1,375

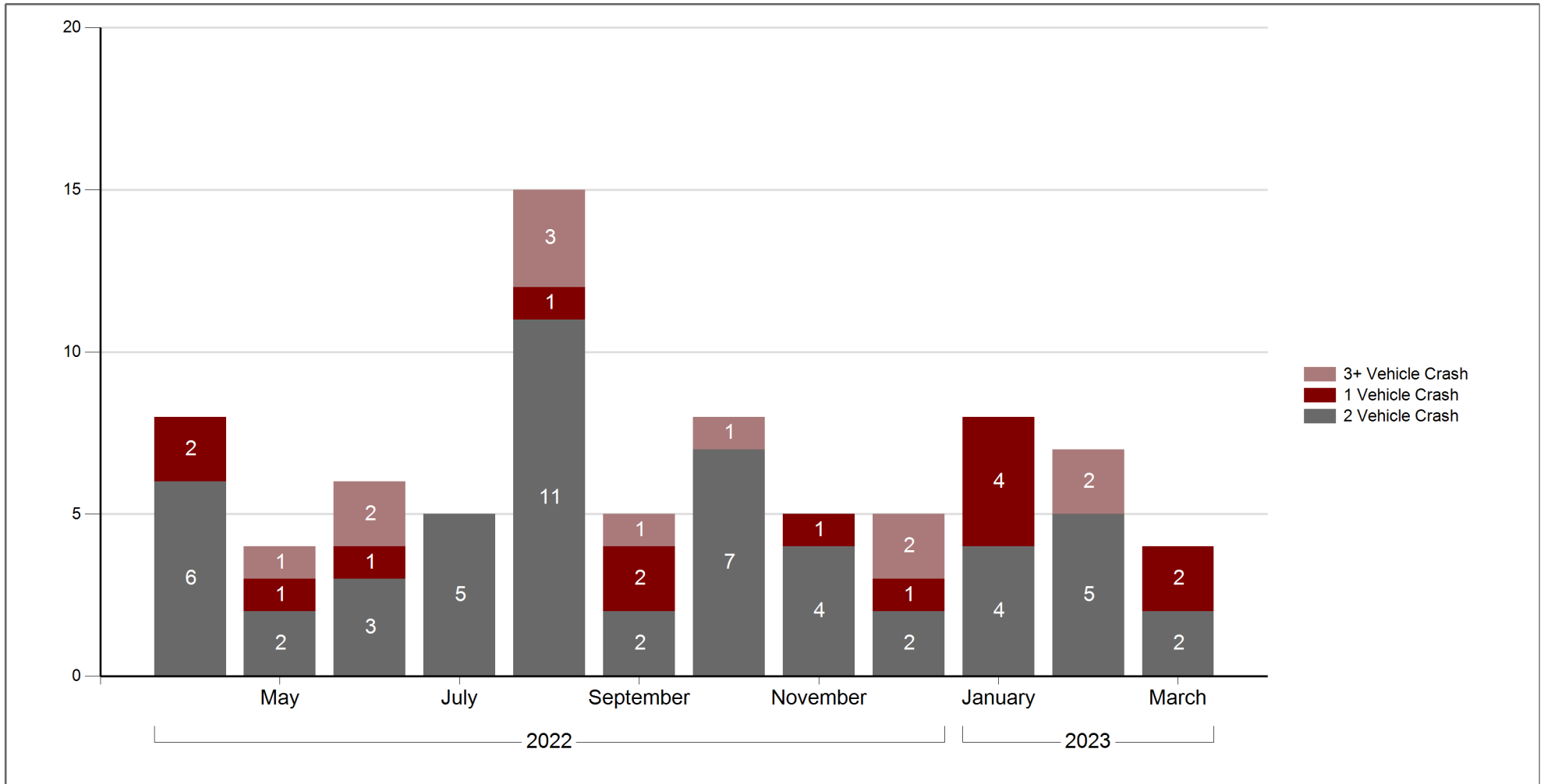
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

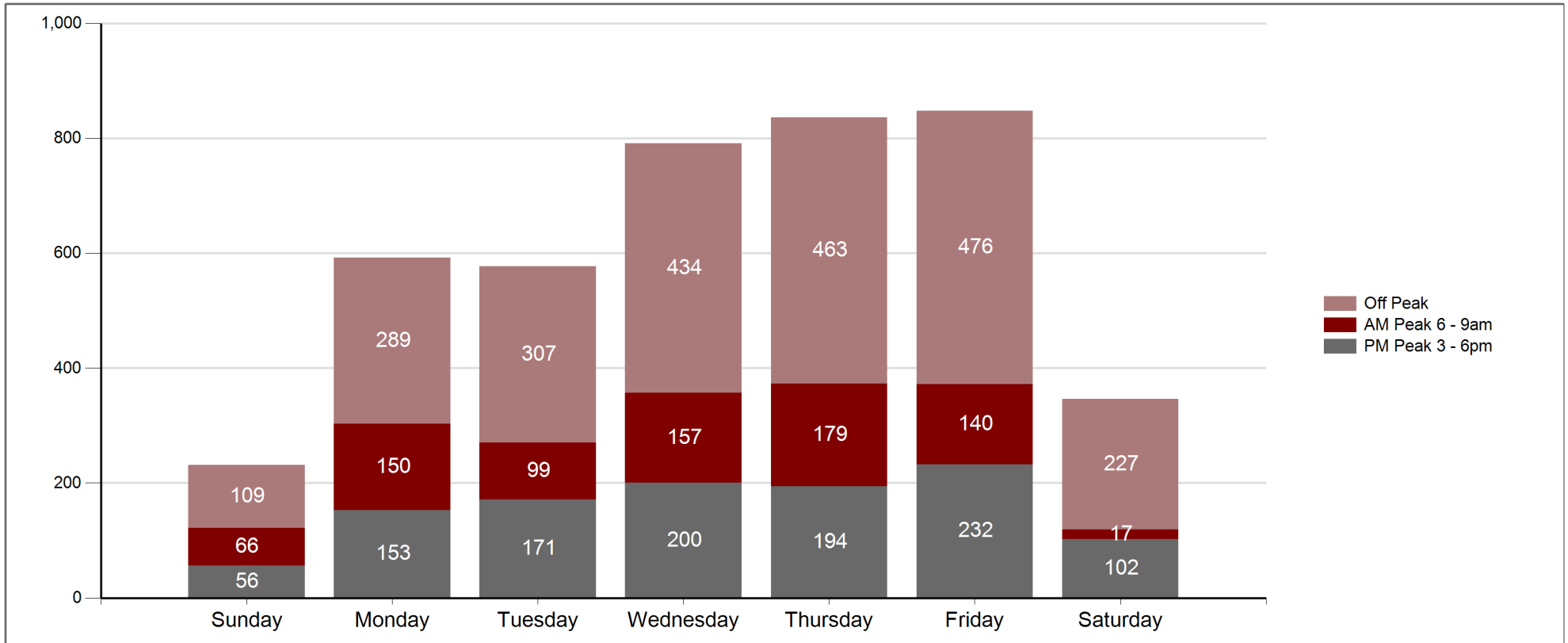
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
1 Vehicle Crash	2	50%		1	0	0	1	0	0
2 Vehicle Crash	2	50%		2	0	0	0	0	0
Total	4	100%		3	0	0	1	0	0



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.

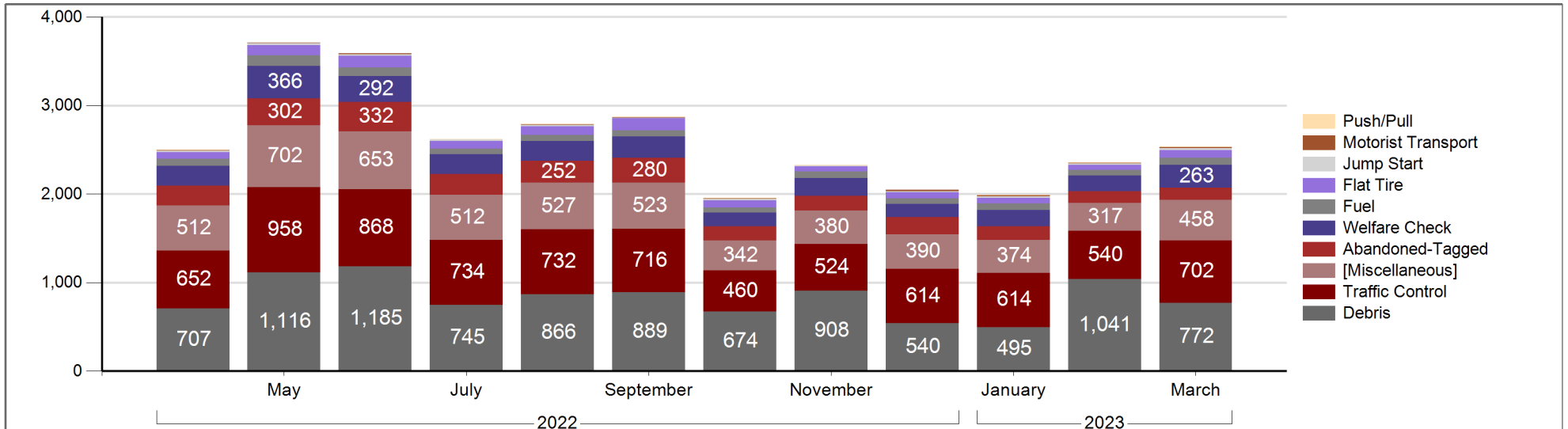
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	848	20%	12 hr 34 m	364	39	20	97	28	300
Thursday	836	20%	52 min	365	40	14	113	24	266
Wednesday	791	19%	2 hr 10 m	338	37	16	115	11	274
Monday	592	14%	1 hr 29 m	264	31	14	83	24	176
Tuesday	577	14%	35 min	230	45	21	64	16	201
Saturday	346	8%	3 hr 26 m	169	15	11	39	14	92
Sunday	231	5%	1 hr 33 m	109	11	7	31	6	66
Total	4,221	100%	12 hr 34 m	1,839	218	103	542	123	1,375



HIGHWAY HELPER RESPONSES

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

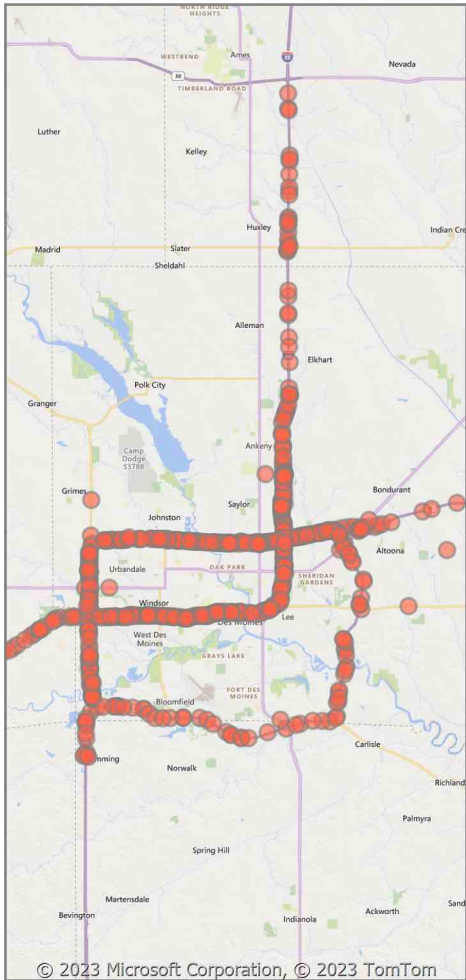
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	772	30%	1 hr 24 m	99	551	119	2
Traffic Control	702	28%	54 min	256	110	96	128
[Miscellaneous]	458	18%	57 min	170	72	65	84
Welfare Check	263	10%	1 min	99	52	31	48
Abandoned-Tagged	136	5%		74	14	10	18
Flat Tire	82	3%		38	14	13	13
Fuel	80	3%		28	14	14	20
Jump Start	24	0.95%		6	8	6	0
Motorist Transport	14	0.55%		7	0	4	2
Push/Pull	1	0.04%		1	0	0	0
Total	2,532	100%	56 min	778	835	358	315



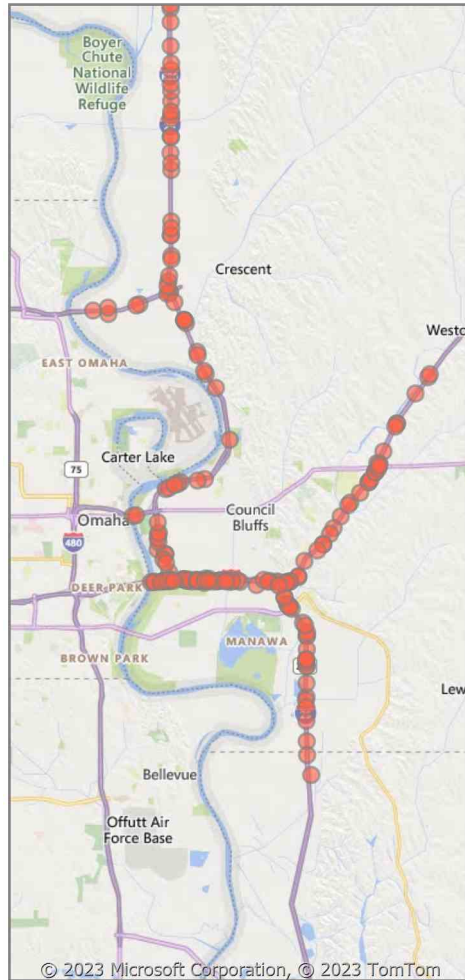
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

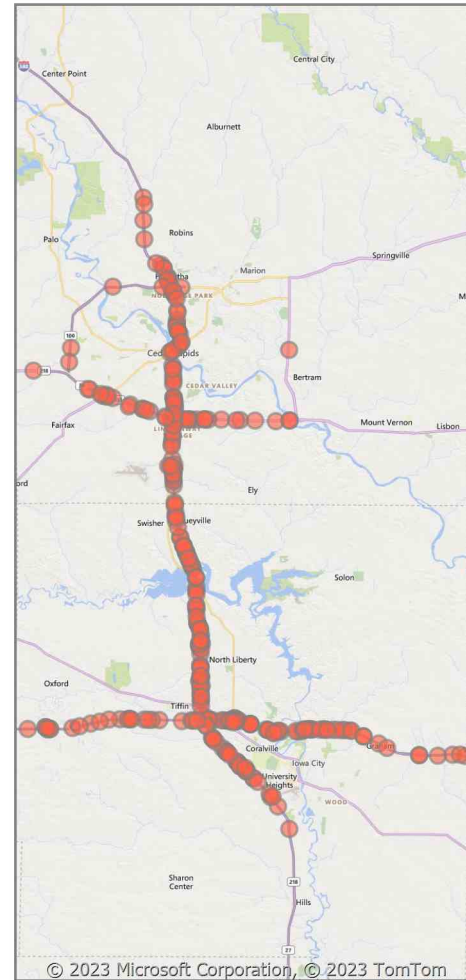
DES MOINES



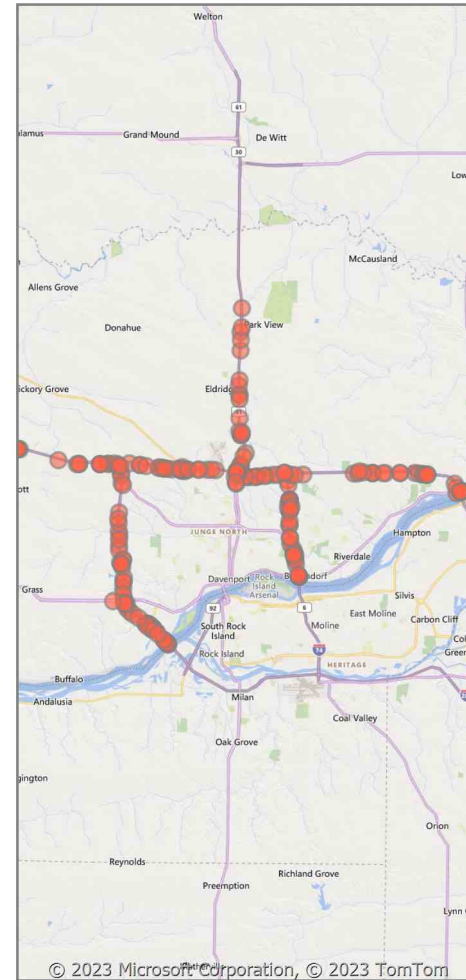
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

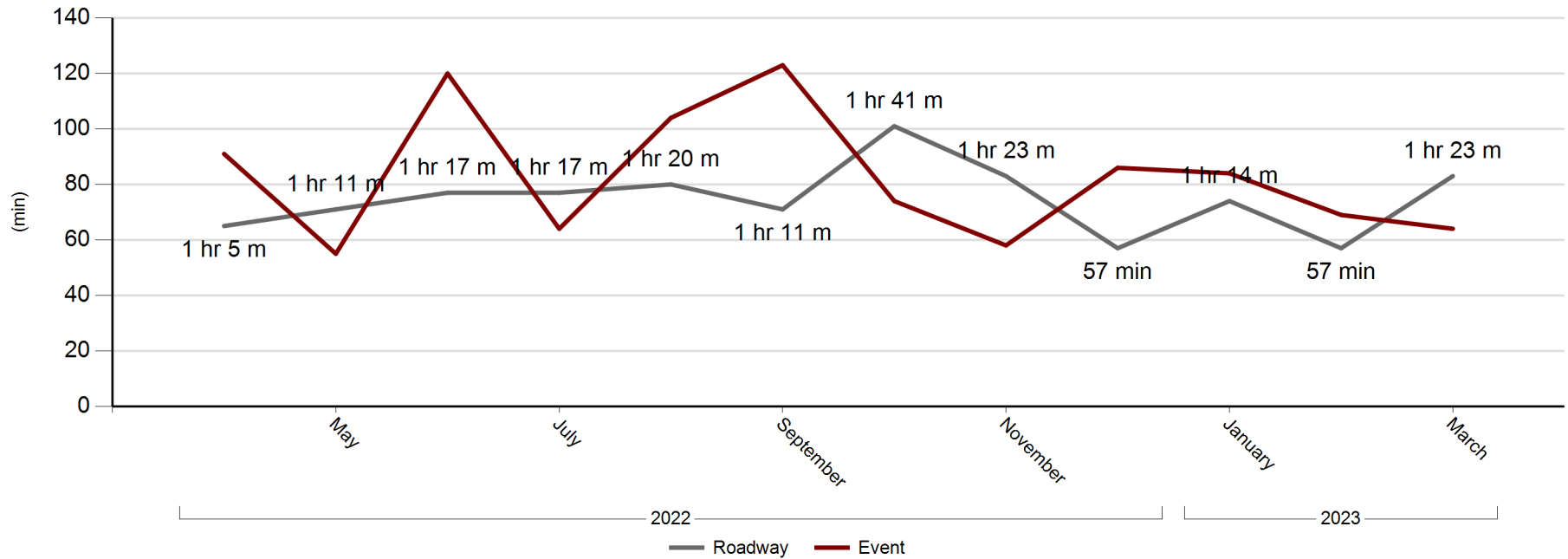


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 4 m	52 min	1 hr 58 m		2 hr 4 m	58 min	46 min
	Federal	44 min	36 min	34 min			1 hr 17 m	50 min
	Interstate	1 hr 10 m	1 hr 2 m			2 hr 20 m	39 min	38 min
	State	1 hr 12 m	31 min	2 hr 41 m		27 min		1 hr 9 m
Roadway	All	1 hr 23 m	56 min	1 hr 31 m	1 hr 41 m	2 hr 16 m	2 hr 15 m	1 hr 12 m
	Federal	1 hr 32 m	1 hr 40 m	50 min	31 min		3 hours	1 hr 18 m
	Interstate	1 hr 2 m	46 min	10 min	46 min	1 hr 55 m	54 min	57 min
	State	2 hr 2 m	19 min	3 hr 11 m	2 hr 44 m	2 hr 58 m	1 hr 8 m	2 hr 6 m

All Roads (Interstate / Federal / State)

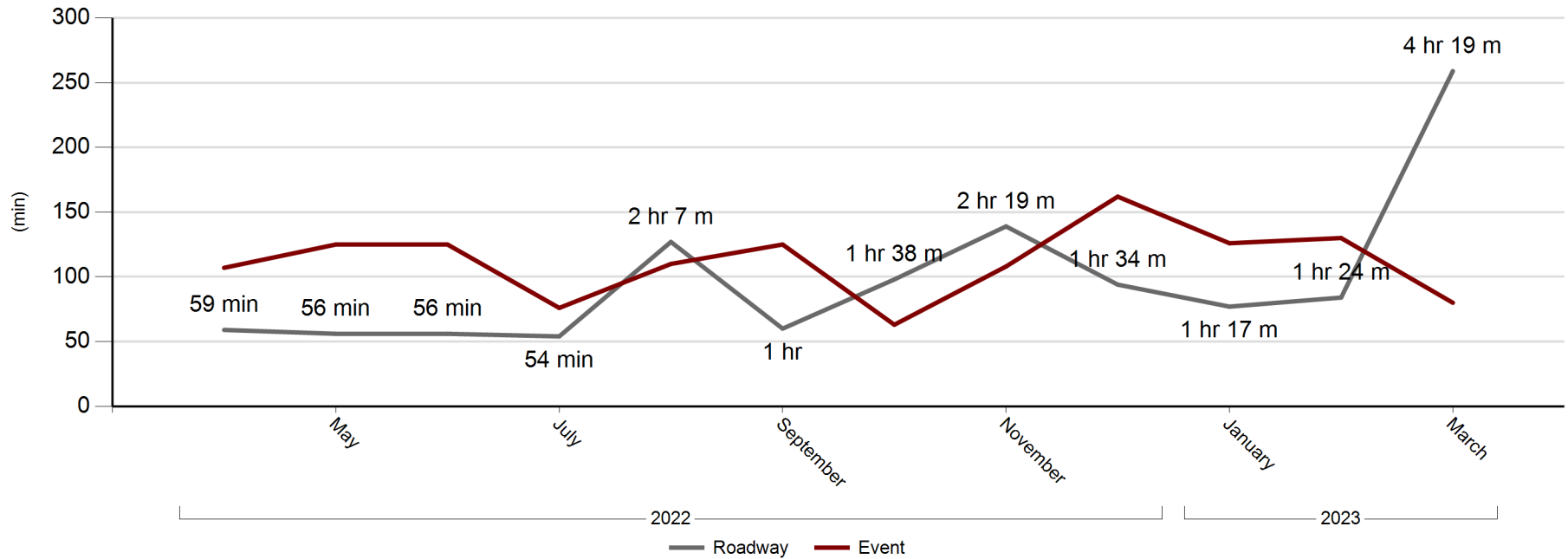


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 20 m	1 hr 57 m	1 hr 29 m	2 min	59 min	39 min	33 min
	Federal	35 min	30 min	34 min		18 min	1 hr 17 m	42 min
	Interstate	1 hr 35 m	2 hr 28 m	2 min		1 hr 7 m	20 min	27 min
	State	54 min	29 min	2 hr 41 m	2 min	27 min		58 min
Roadway	All	4 hr 19 m	44 min	1 hr 24 m	1 hr 3 m	20 hr 58 m	4 hr 49 m	1 hr 6 m
	Federal	2 hr 7 m	1 hr 12 m	1 hr 4 m	50 min	15 hr 17 m	2 hr 50 m	1 hr 7 m
	Interstate	53 min	38 min	8 min	27 min	1 hr 14 m	1 hr 19 m	1 hr 3 m
	State	18 hr 26 m	29 min	2 hr 29 m	1 hr 50 m	4 days	10 hr 1 m	1 hr 18 m

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 20 m)								
	03/06 05:52 AM	251274	IA-76			1	8 hr 34 m	Single vehicle crash event on IA-76 N @ MM 47 (near New Albin).
	03/31 04:49 AM	254913	US-218	1			4 hr 2 m	Single vehicle crash event on US-218 N @ MM 186 in Waterloo.
	03/25 02:23 AM	254010	I-80			1	4 hr 29 m	Single vehicle crash event on I-80 W @ MM 50 (near Marne).
	03/04 10:49 AM	251165	I-80		1	1	4 hr 20 m	Single vehicle crash event on I-80 E @ MM 111.2 (near De Soto).
	03/25 02:35 AM	254011	US-34			1	4 hr 9 m	Single vehicle crash event on US-34 W @ MM 209.5 (near Fairfield).
	03/17 08:22 AM	252887	IA-60			1	5 hr 15 m	Single vehicle crash event on IA-60 N @ MM 44.4 (near Ashton).
2 Vehicle Crash (Avg Impact : 1 hr 20 m)								
	03/09 07:57 AM	251740	IA-141	2	1	1	14 hr 47 m	2 vehicle crash event on IA-141 W @ MM 128.8 (near Perry).
	03/24 06:49 PM	253984	I-880		1	1	4 hr 37 m	2 vehicle crash event on I-880 W @ MM 5.9 (near Missouri Valley).
	03/10 11:18 PM	252053	I-80	3	1		3 hr 56 m	2 vehicle crash event on I-80 E @ MM 284.7 in Walcott.
3+ Vehicle Crash (Avg Impact : 1 hr 39 m)								
	03/17 08:14 PM	253006	US-63	1	3		4 hr 30 m	3+ vehicle crash event on US-63 N @ MM 67.7 (near Oskaloosa).
	03/13 02:00 PM	252331	US-63	1	1	1	7 hr 27 m	3 vehicle crash event on US-63 N @ MM 102.2 (near Malcom).
Debris (Avg Impact : 23 min)								
	03/25 06:57 AM	254023	US-52				2 hr 7 m	Debris event on US-52 N @ MM 13.7 (near Miles).
	03/31 04:32 PM	255044	IA-78				2 hr 47 m	Debris event on IA-78 E @ MM 0 (near Martinsburg).
Emergency Repairs (Avg Impact : 9 days)								
	03/03 03:06 PM	251076	IA-2				35 days	Emergency repairs event on IA-2 E @ MM 69 in Bedford.
Stalled Vehicle (Avg Impact : 41 min)								
	03/25 03:54 AM	254013	US-61			1	3 hr 45 m	Stalled vehicle event on US-61 S @ MM 145.8 (near Welton).
	03/17 04:25 PM	252975	US-6			1	2 hr 1 m	Stalled vehicle event on US-6 W @ MM 127.1 in Urbandale.
	03/12 02:16 PM	252211	US-6				2 hr 4 m	Stalled vehicle event on US-6 W @ MM 309.9 in Bettendorf.
Towing Operation (Avg Impact : 3 hr 6 m)								
	03/29 08:44 AM	254582	I-80				7 hr 57 m	Towing operation event on I-80 W @ MM 184.5 (near Grinnell).
Vehicle Fire (Avg Impact : 55 min)								
	03/26 09:10 PM	254153	I-35				2 hr 40 m	Vehicle fire event on I-35 N @ MM 9.1 (near Davis City).