



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

May 2023

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

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
April	May
4,113	4,518

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
April	May
1	8

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
April	May
152	187

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
April	May
261	288

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
April	May
1 hr 40 m	1 hr 17 m

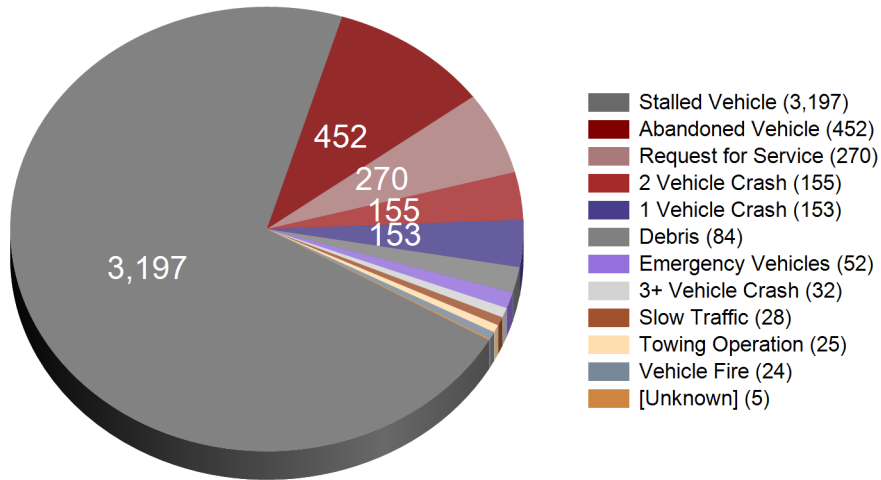
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
April	May
1,274	1,489

* - excludes roadwork

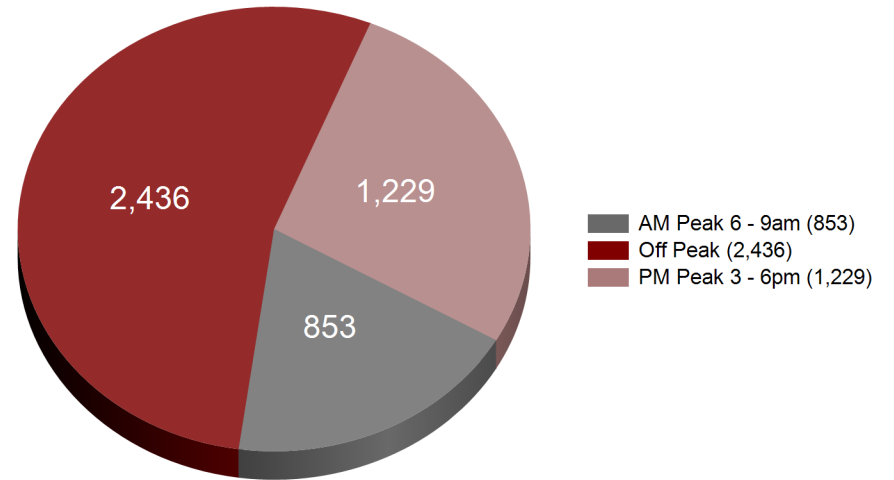
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

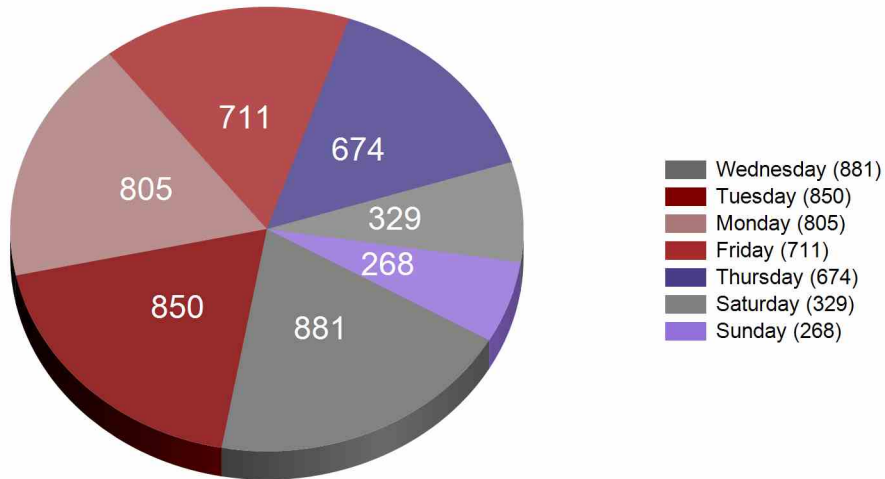
Incidents By Type



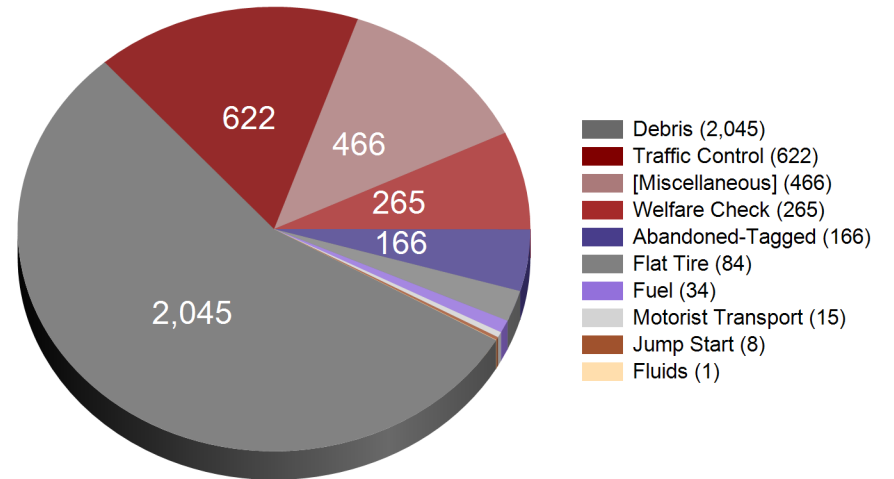
Incidents By Shift



Incidents By Day



Highway Helper Response

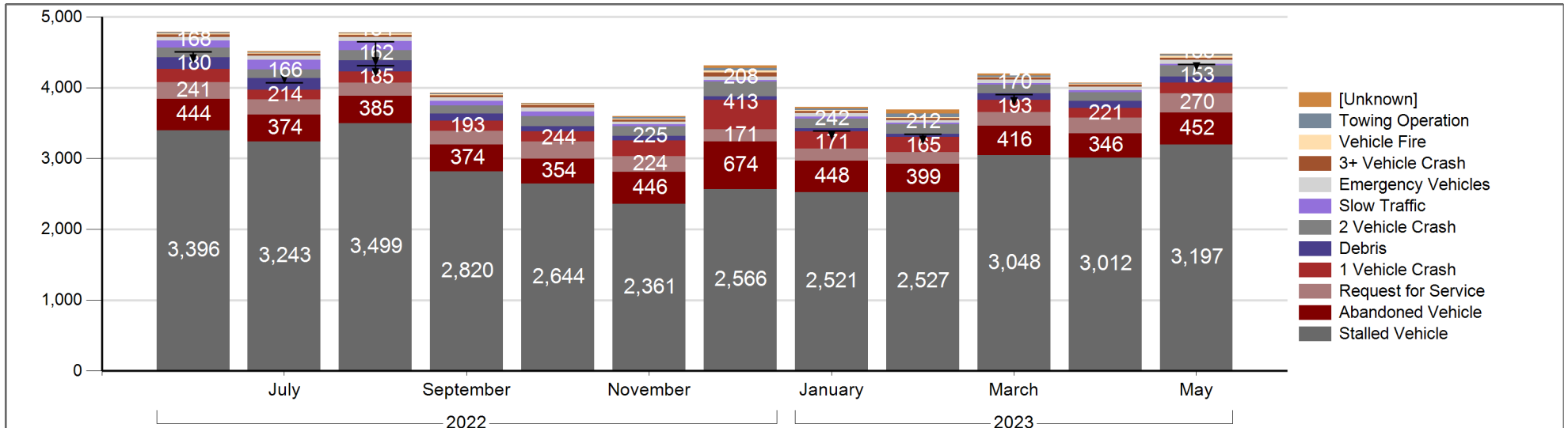


INCIDENT TOTALS BY TYPE

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	3,197	71%	33 min	1,465	136	58	388	59	1,091
Abandoned Vehicle	452	10%		217	8	9	58	7	153
Request for Service	270	6%		85	33	36	25	26	65
2 Vehicle Crash	155	3%	1 hr 20 m	90	6	8	12	2	37
1 Vehicle Crash	153	3%	1 hr 19 m	53	8	10	30	11	41
Debris	84	2%	43 min	51	2	3	2	2	24
Emergency Vehicles	52	1%	1 hr 23 m	30	2	3	2	2	13
3+ Vehicle Crash	32	0.71%	1 hr 5 m	21	0	2	4	1	4
Slow Traffic	28	0.62%		17	0	1	1	0	9
Towing Operation	25	0.55%	3 hr 17 m	6	1	0	3	1	14
Vehicle Fire	24	0.53%	49 min	11	2	0	2	0	9
Earlier Crash	23	0.51%		7	2	2	3	2	7
Total	4,495	100%	1 hr 51 m	2,053	200	132	530	113	1,467

* - Totals include Highway Helper Incidents

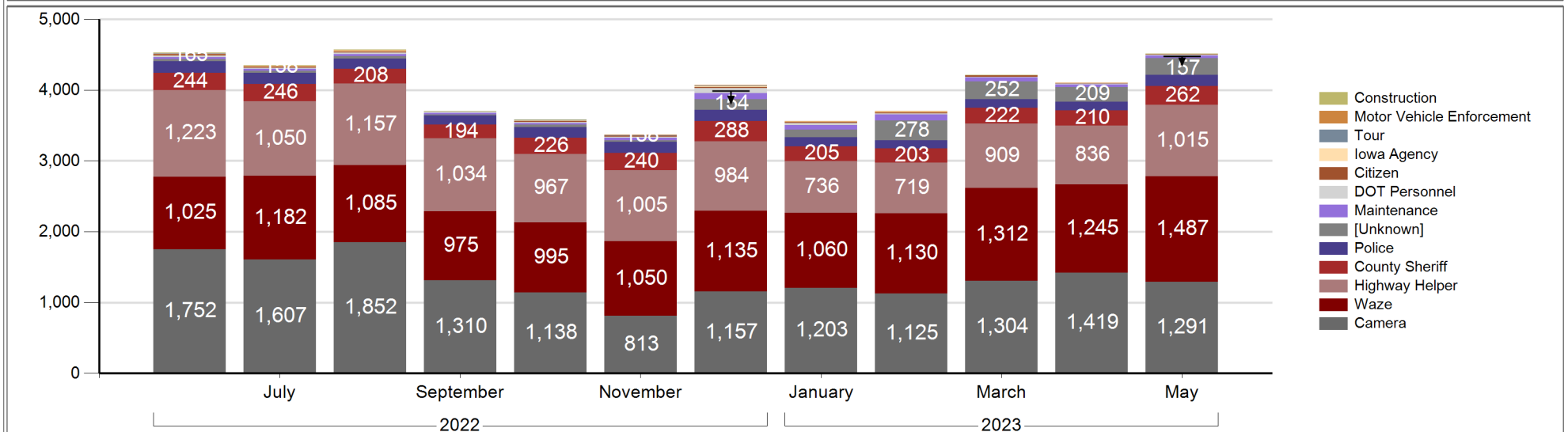


INCIDENT TOTALS BY DETECTION TYPE

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	1,487	33%	722	59	53	152	46	455
Camera	1,291	29%	632	89	15	126	22	407
Highway Helper	1,015	22%	412	0	1	175	1	426
County Sheriff	262	6%	62	31	47	32	29	61
Other	240	5%	99	17	12	39	14	59
Police	157	3%	102	4	6	3	0	42
Maintenance	35	0.77%	10	0	0	2	6	17
DOT Personnel	14	0.31%	9	0	0	0	2	3
Citizen	10	0.22%	6	0	0	1	0	3
Iowa Agency	4	0.09%	2	1	0	1	0	0
Motor Vehicle Enforcement	2	0.04%	1	0	1	0	0	0
Construction	1	0.02%	1	0	0	0	0	0
Total	4,518	100%	2,058	201	135	531	120	1,473

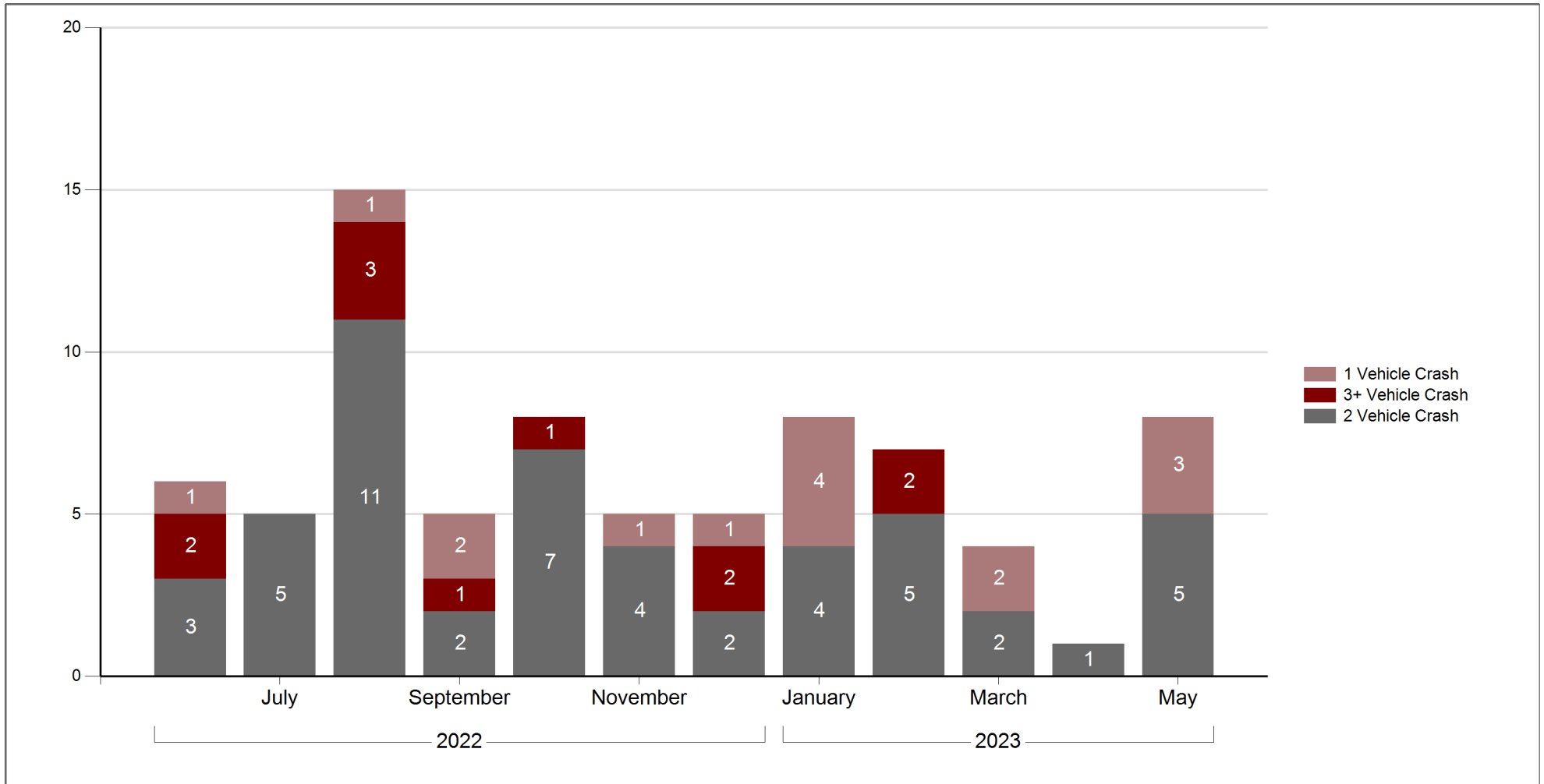
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

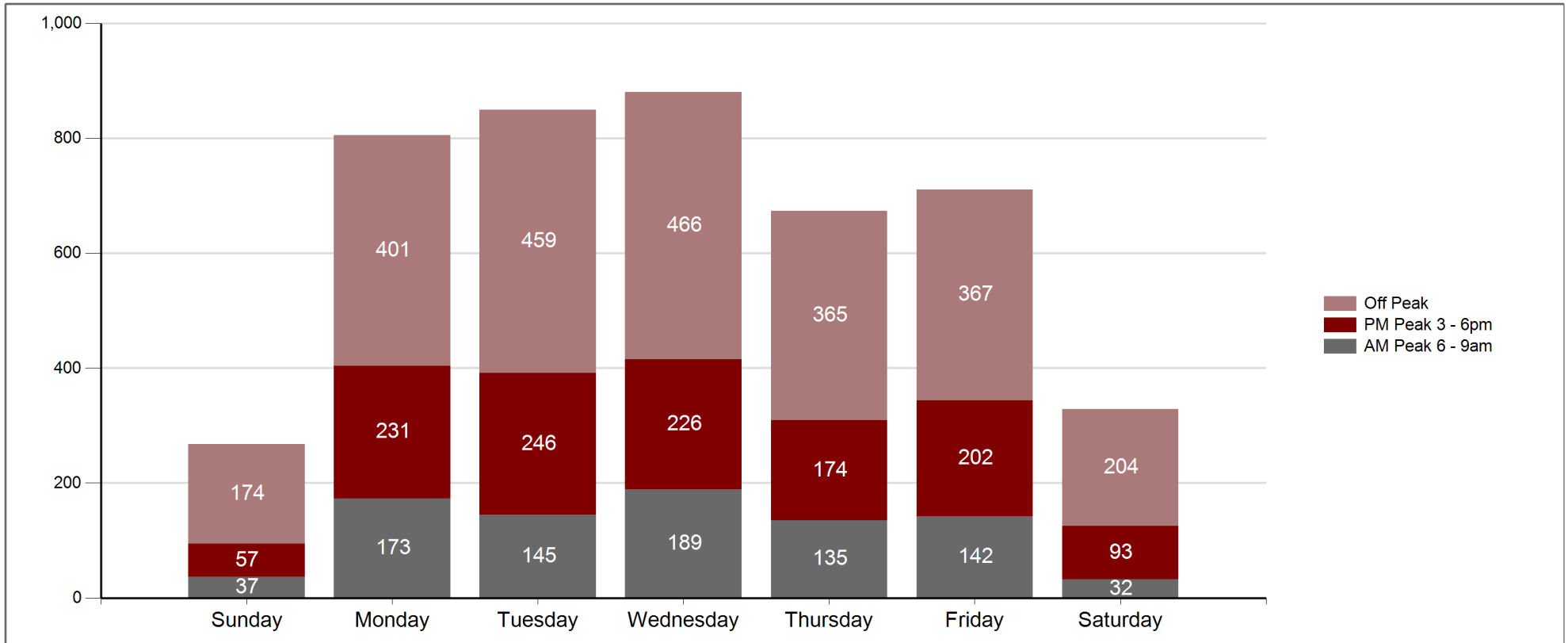
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	63%	21 min	3	1	0	0	0	1
1 Vehicle Crash	3	38%		0	1	0	0	0	2
Total	8	100%	21 min	3	2	0	0	0	3



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.

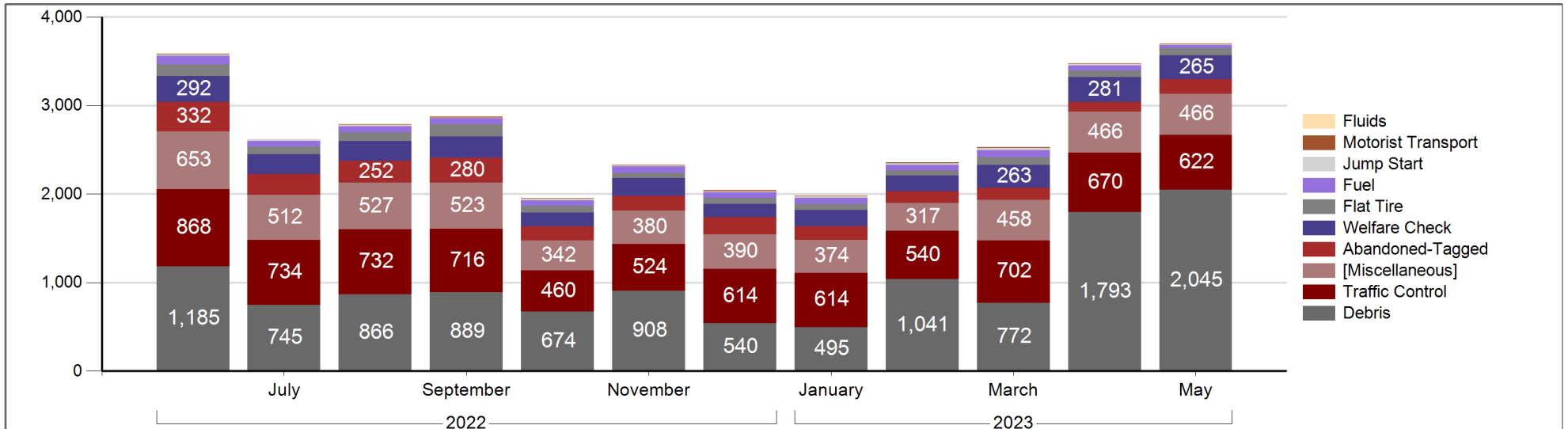
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	881	19%	53 min	392	29	26	115	20	299
Tuesday	850	19%	28 min	378	32	23	106	18	293
Monday	805	18%	1 hr 26 m	358	41	19	94	20	273
Friday	711	16%	1 hr 3 m	312	41	29	85	22	222
Thursday	674	15%	6 hr 35 m	311	29	20	79	20	215
Saturday	329	7%	1 hr 23 m	178	16	7	29	10	89
Sunday	268	6%	2 hr 12 m	129	13	11	23	10	82
Total	4,518	100%	53 min	2,058	201	135	531	120	1,473



HIGHWAY HELPER RESPONSES

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

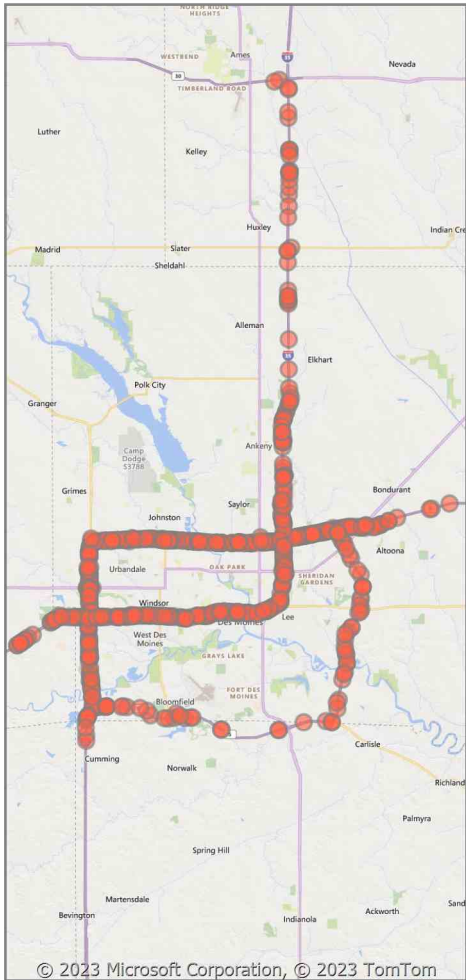
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	2,045	55%	23 min		860	465	165	554
Traffic Control	622	17%	43 min		168	96	136	110
[Miscellaneous]	466	13%	40 min		163	62	94	74
Welfare Check	265	7%	44 min		96	30	60	45
Abandoned-Tagged	166	4%			70	26	36	22
Flat Tire	84	2%	16 min		30	10	22	20
Fuel	34	0.92%	17 min		22	4	6	0
Motorist Transport	15	0.40%			4	1	3	5
Jump Start	8	0.22%			4	0	0	0
Fluids	1	0.03%			1	0	0	0
Total	3,706	100%	40 min		1,418	694	522	830



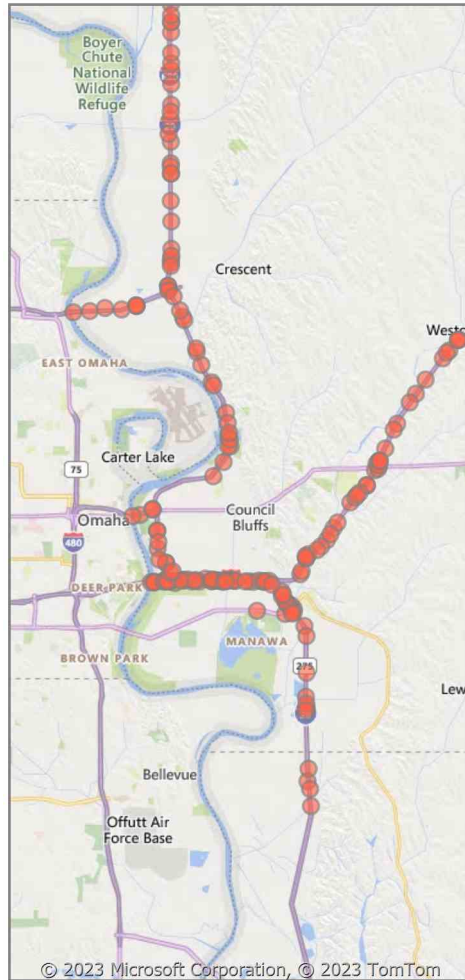
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

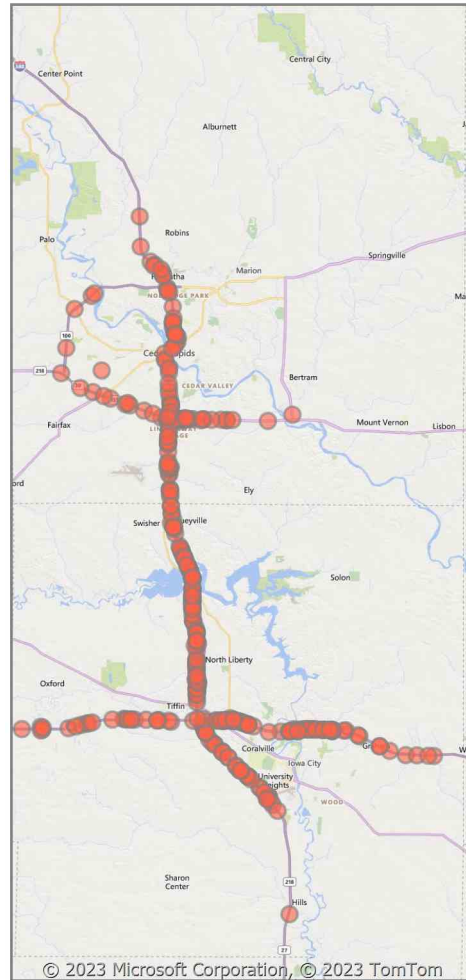
DES MOINES



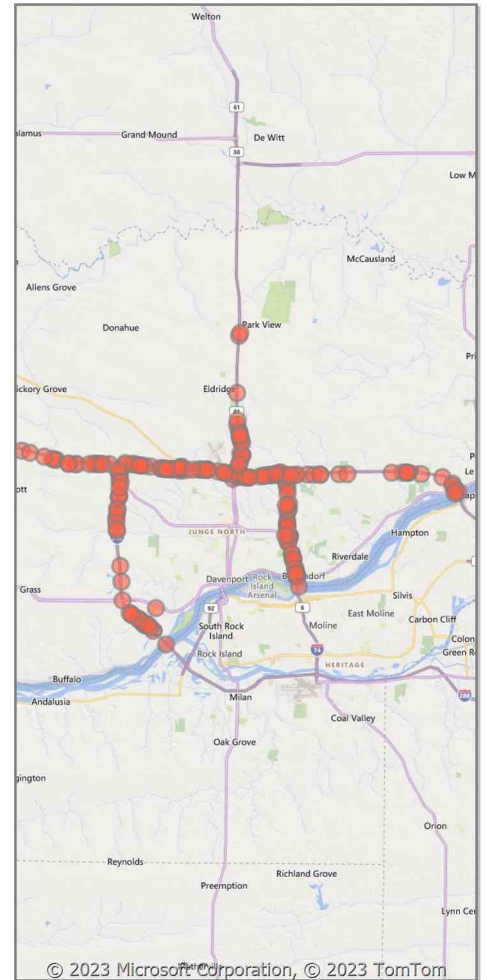
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

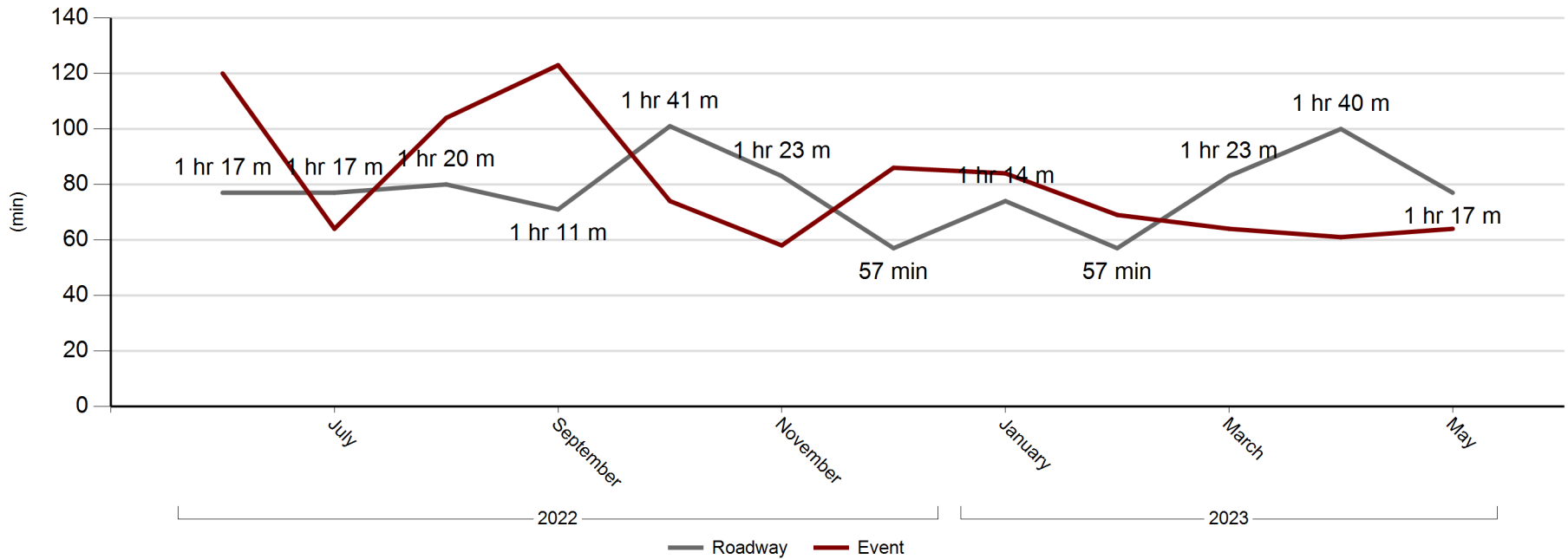


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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	54 min	19 min	42 min	1 hr 10 m	12 min	1 hr 22 m
	Federal	59 min	57 min	19 min	42 min	1 hr 26 m		52 min
	Interstate	1 hr 4 m	53 min			47 min	12 min	1 hr 30 m
	State	1 hr 24 m	52 min			1 hr 21 m		2 hr 32 m
Roadway	All	1 hr 17 m	1 hr 21 m	1 hr 52 m	1 hr 17 m	1 hr 15 m	2 hr 4 m	1 hr
	Federal	1 hr 7 m	1 hr 10 m	2 hr 28 m	1 hr 12 m	58 min	1 hr 27 m	43 min
	Interstate	1 hr 20 m	1 hr 25 m	1 hr 57 m	36 min	1 hr 35 m	1 hr 43 m	1 hr 4 m
	State	1 hr 23 m	1 hr 24 m	24 min	1 hr 39 m	47 min	3 hr 2 m	1 hr 10 m

All Roads (Interstate / Federal / State)

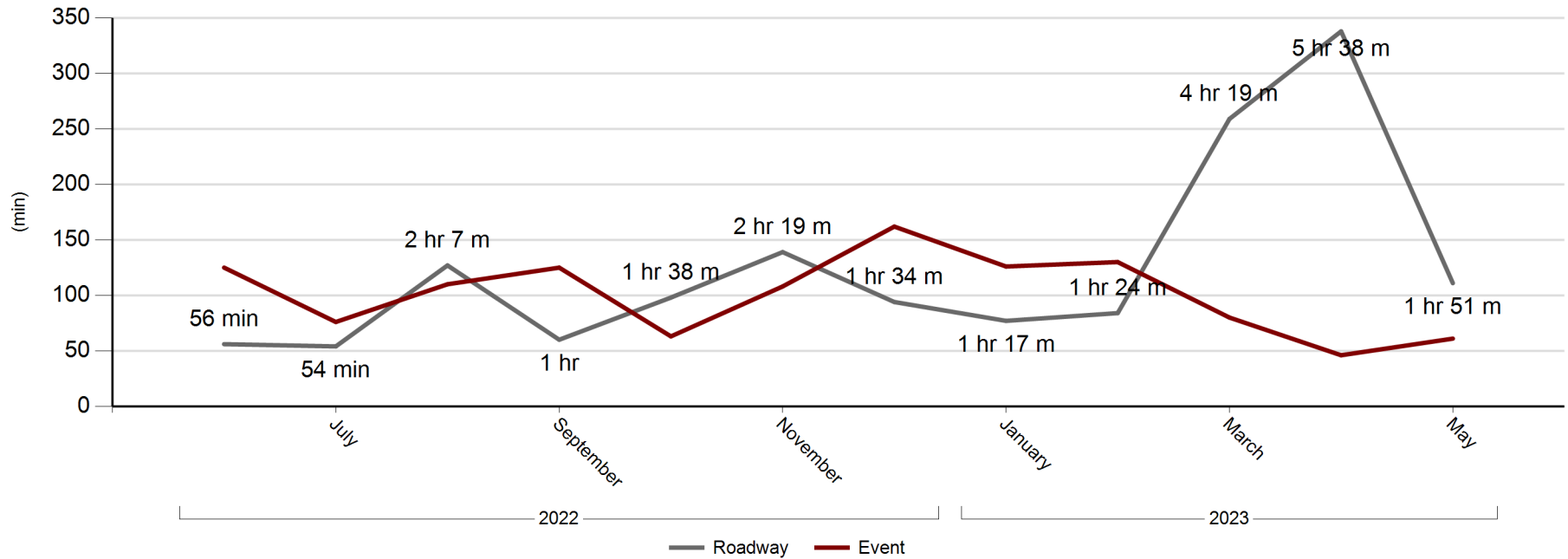


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 1 m	45 min	13 min	42 min	3 hr 1 m	1 hr	56 min
	Federal	1 hr 39 m	1 hr 21 m	13 min	42 min	4 hr 33 m	2 hr 23 m	40 min
	Interstate	45 min	37 min			47 min	12 min	1 hr 3 m
	State	52 min	55 min			1 hr 21 m	1 min	1 hr 18 m
Roadway	All	1 hr 51 m	1 hr 7 m	1 hr 47 m	50 min	1 hr 24 m	1 hr 38 m	3 hr 15 m
	Federal	3 hr 58 m	2 hr 22 m	1 hr 11 m	1 hr 7 m	1 hr 5 m	1 hr 52 m	8 hr 46 m
	Interstate	1 hr 5 m	47 min	1 hr 58 m	20 min	1 hr 47 m	1 hr 12 m	1 hr 19 m
	State	1 hr 13 m	1 hr 15 m	2 hr 39 m	54 min	47 min	1 hr 39 m	54 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 19 m)								
	05/03 11:01 PM	259903	I-380		1	1	7 hr 41 m	Single vehicle crash event on RAMP: I-380S to I-80E in Coralville.
	05/08 02:53 AM	260466	I-35			1	3 hr 17 m	Single vehicle crash event on I-35 N @ MM 60.3 (near Martensdale).
	05/11 08:32 AM	261079	IA-22			1	3 hr 42 m	Single vehicle crash event on IA-22 E @ MM 96.6 in Davenport.
	05/25 05:24 PM	263898	I-80		1	1	3 hr 50 m	Single vehicle crash event on I-80 E @ MM 90 (near Menlo).
	05/15 09:44 AM	261591	I-880			1	3 hr 47 m	Single vehicle crash event on I-880 E/WB @ MM 3 (near Missouri Valley).
	05/15 12:35 PM	261621	I-35			1	4 hr 46 m	Single vehicle crash event on I-35 S @ MM 178.4 (near Thornton).
	05/26 09:26 PM	264092	US-69		1		3 hr 58 m	Single vehicle crash event on US-69 N @ MM 80.5 in Des Moines.
2 Vehicle Crash (Avg Impact : 1 hr 20 m)								
	05/25 08:53 AM	263814	I-35		2	1	1 day 10 hr 2 m	2 vehicle crash event on I-35 S @ MM 100 (near Alleman).
3+ Vehicle Crash (Avg Impact : 1 hr 5 m)								
	05/13 10:42 AM	261407	I-80				6 hr 1 m	3+ vehicle crash event on I-80 E @ MM 213.1 (near Ladora).
Debris (Avg Impact : 43 min)								
	05/07 04:06 PM	260438	US-65				22 hrs	Debris event on US-65 N @ MM 105.1 in Collins.
Emergency Repairs (Avg Impact : 2 days)								
	05/18 01:40 PM	262178	IA-461				8 days	Emergency repairs event on US-61 S @ MM Sanitary Sewer Collapse (EIN #262178) in Davenport.
Emergency Vehicles (Avg Impact : 1 hr 23 m)								
	05/12 09:32 AM	261264	US-34				4 hr 20 m	Emergency vehicles event on US-34 E @ MM 61.1 (near Corning).
	05/31 05:45 AM	264561	US-65				5 hr 29 m	Emergency vehicles event on US-65 S @ MM 81 (near Altoona).
	05/28 09:24 PM	264239	IA-122				4 hr 54 m	Emergency vehicles event on IA-122 E @ MM 10.4 in Mason City.
Stalled Vehicle (Avg Impact : 33 min)								
	05/29 10:51 AM	264280	US-6			1	3 hr 25 m	Stalled vehicle event on US-6 W @ MM 144.1 in Altoona.
Towing Operation (Avg Impact : 3 hr 17 m)								
	05/13 03:06 PM	261439	I-80				9 hr 1 m	Towing operation event on I-80 W @ MM 247.7 (near Iowa City).
Vehicle Fire (Avg Impact : 49 min)								
	05/13 03:20 PM	261443	I-80			1	2 hr 40 m	Vehicle fire event on I-80 W @ MM 211.1 (near Ladora).