



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

January 2024

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

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
December	January	December	January	December	January
3,548	4,491	7	5	163	235

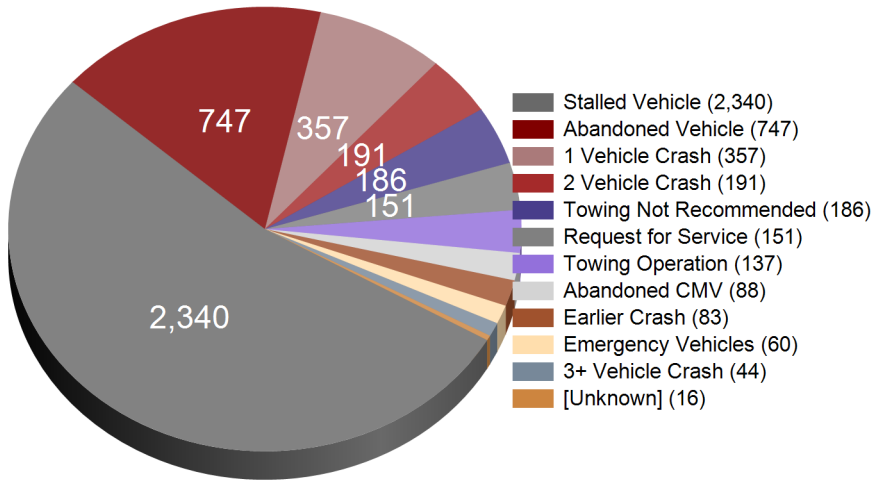
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
December	January	December	January	December	January
225	634	1 hr 10 m	1 hr 10 m	1,061	1,336

* - excludes roadwork

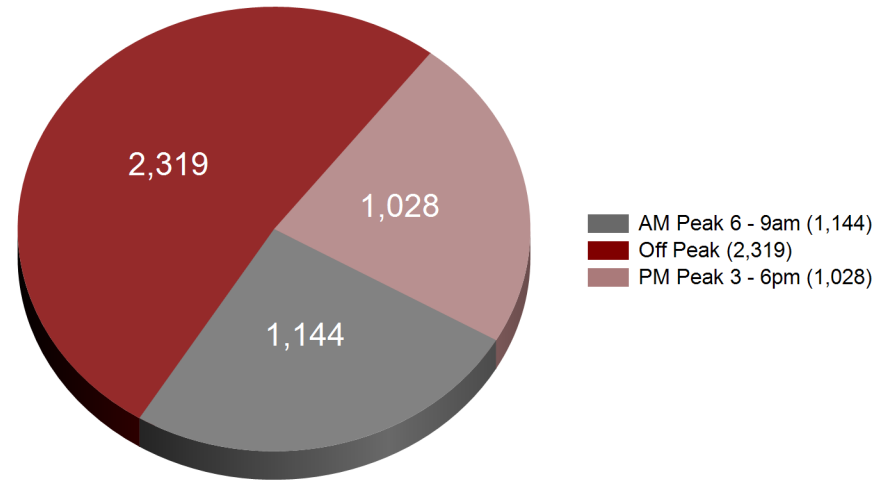
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

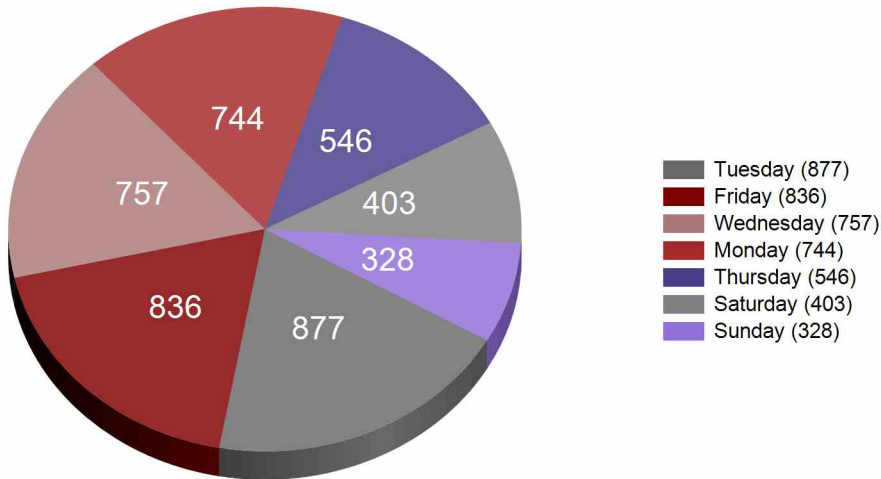
Incidents By Type



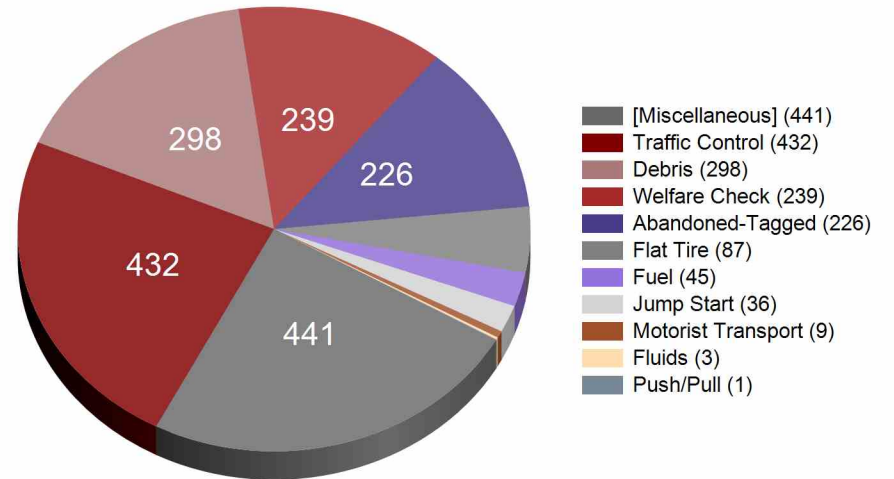
Incidents By Shift



Incidents By Day



Highway Helper Response

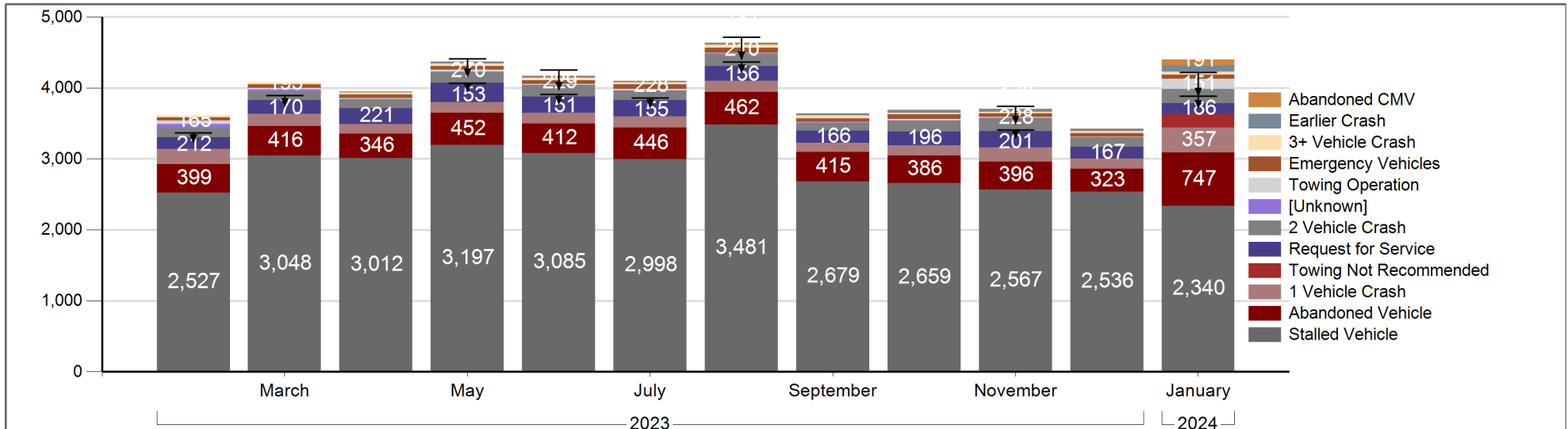


INCIDENT TOTALS BY TYPE

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	2,340	54%	1 hr 3 m	1,161	39	38	191	62	849
Abandoned Vehicle	747	17%	21 min	308	8	16	68	8	339
1 Vehicle Crash	357	8%	1 hr 4 m	100	21	16	52	23	145
2 Vehicle Crash	191	4%	59 min	90	10	11	21	13	46
Request for Service	151	4%	4 min	49	14	26	9	14	39
Towing Operation	137	3%	3 hr 54 m	46	1	2	14	10	64
Abandoned CMV	88	2%	4 hr 7 m	22	2	1	13	5	45
Earlier Crash	83	2%		20	5	3	19	7	29
Emergency Vehicles	60	1%	1 hr 18 m	36	2	2	5	0	15
3+ Vehicle Crash	44	1%	2 hr 17 m	22	0	4	4	3	11
Debris	38	0.88%	19 min	19	0	2	5	0	12
Slow Traffic	23	0.53%		12	0	0	1	0	10
Total	4,259	100%	1 hr 38 m	1,885	102	121	402	145	1,604

* - Totals include Highway Helper Incidents

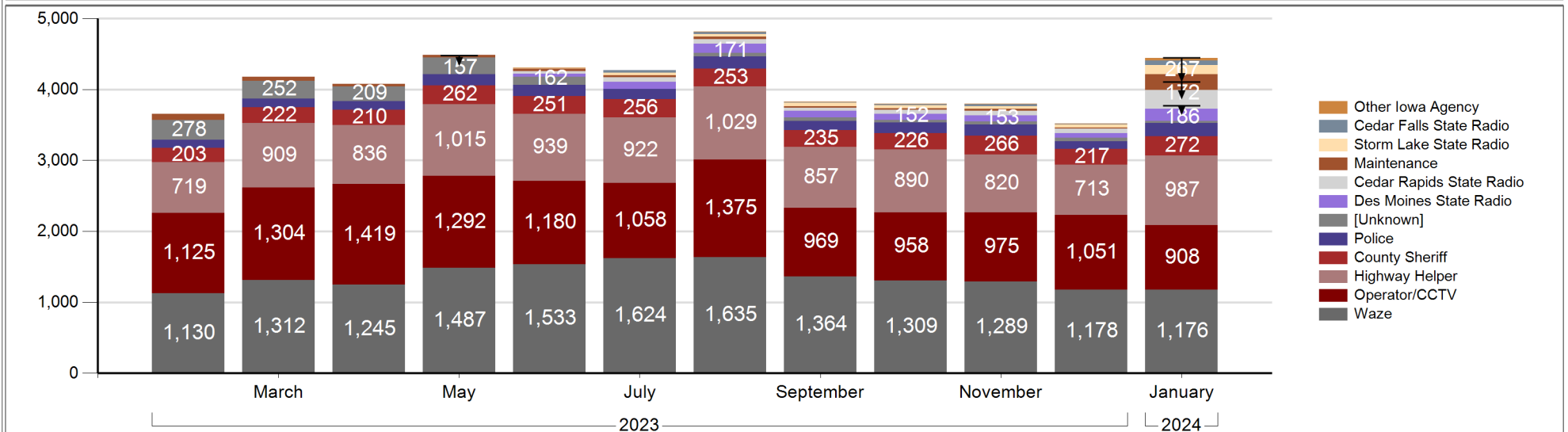


INCIDENT TOTALS BY DETECTION TYPE

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	1,176	26%	612	34	40	116	32	342
Highway Helper	987	22%	378	0	0	96	2	511
Operator/CCTV	908	20%	449	5	8	51	17	378
County Sheriff	272	6%	78	29	35	33	31	63
Cedar Rapids State Radio	267	6%	21	0	1	0	25	159
Maintenance	219	5%	84	10	8	26	12	79
Police	186	4%	111	8	12	3	4	48
Des Moines State Radio	172	4%	101	0	0	10	17	1
Storm Lake State Radio	131	3%	0	0	20	60	0	0
Other	76	2%	44	5	0	5	2	19
Cedar Falls State Radio	64	1%	14	13	1	1	0	8
Other Iowa Agency	33	0.73%	4	0	1	5	8	14
Total	4,491	100%	1,896	104	126	406	150	1,622

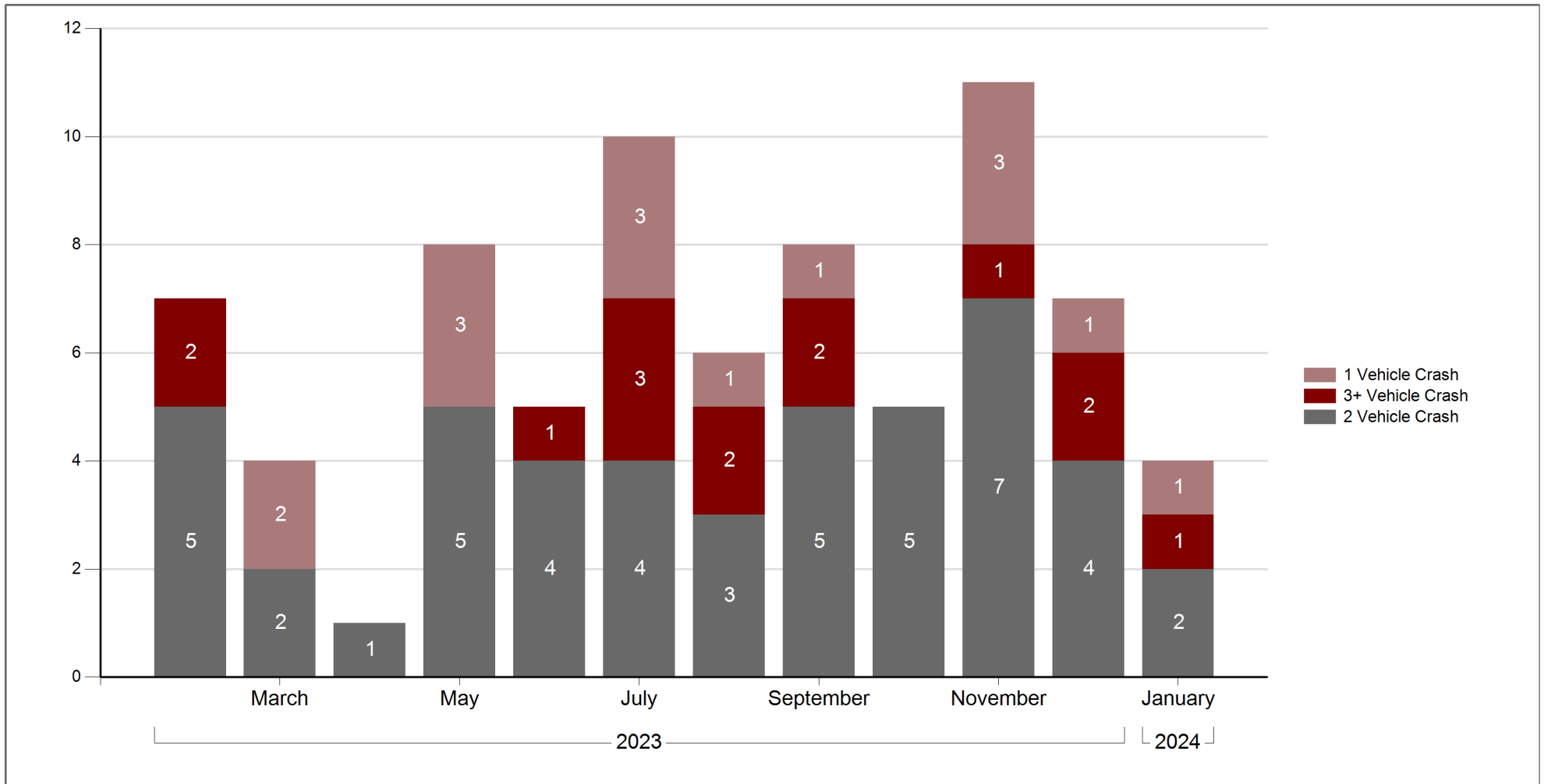
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

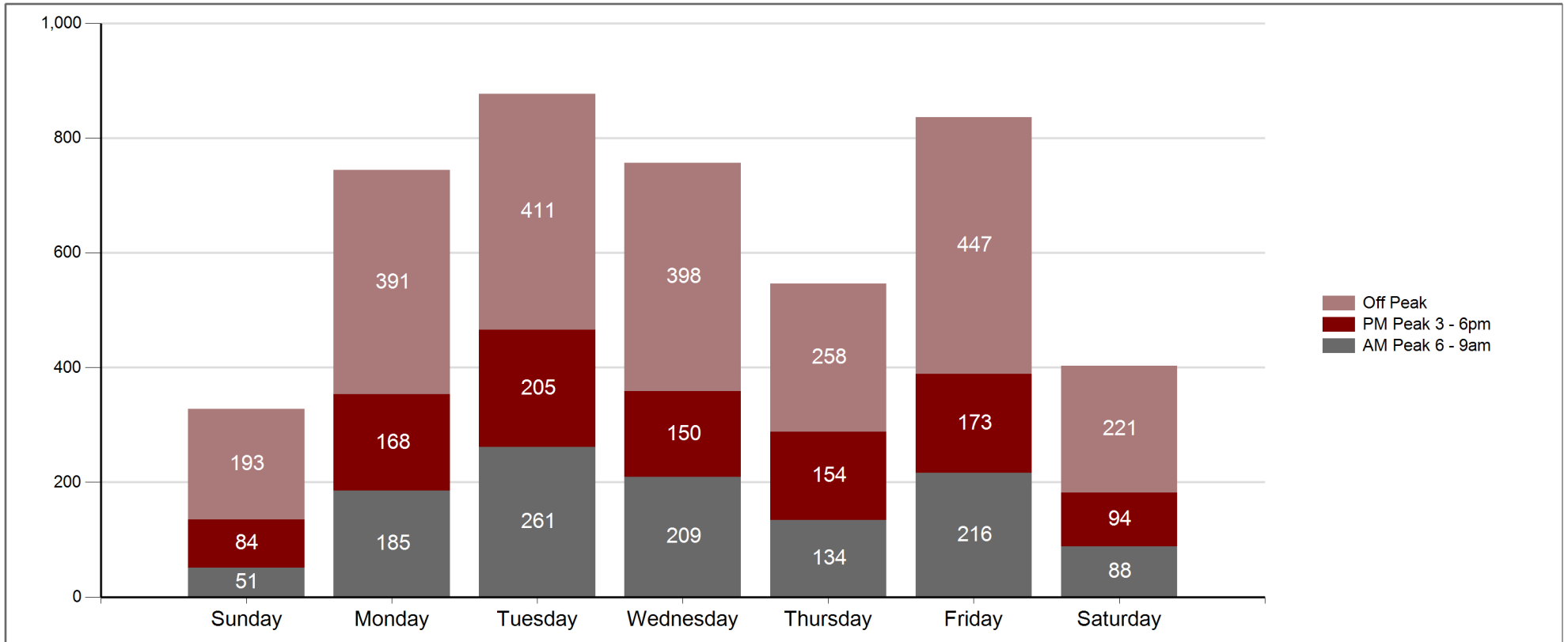
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	2	50%		2	0	0	0	0	0
1 Vehicle Crash	1	25%		0	0	0	1	0	0
3+ Vehicle Crash	1	25%	2 min	0	0	0	0	0	1
Total	4	100%	1 min	2	0	0	1	0	1



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.

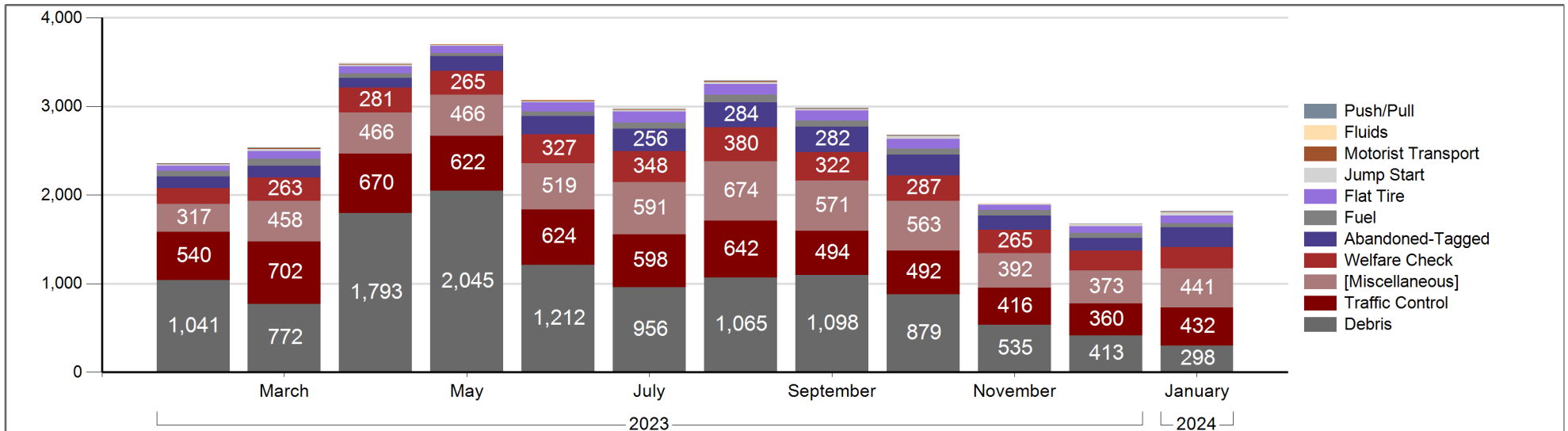
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	877	20%	1 hr 40 m	381	19	18	67	37	324
Friday	836	19%	2 hr 23 m	323	16	20	77	30	291
Wednesday	757	17%	1 hr 13 m	359	10	18	60	29	276
Monday	744	17%	1 hr 24 m	281	23	31	70	15	283
Thursday	546	12%	1 hr 7 m	224	15	13	63	20	192
Saturday	403	9%	1 hr 26 m	172	14	18	34	10	143
Sunday	328	7%	1 hr 35 m	156	7	8	35	9	113
Total	4,491	100%	1 hr 40 m	1,896	104	126	406	150	1,622



HIGHWAY HELPER RESPONSES

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

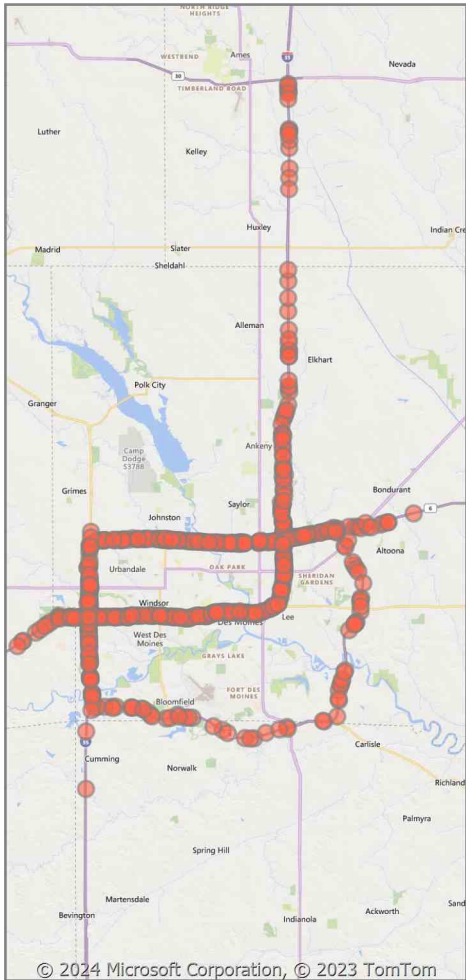
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
[Miscellaneous]	441	24%	1 hr 42 m	197	57	84	103
Traffic Control	432	24%	1 hr 32 m	192	52	90	98
Debris	298	16%	40 min	225	16	21	36
Welfare Check	239	13%	19 min	114	26	43	56
Abandoned-Tagged	226	12%	15 min	116	18	28	64
Flat Tire	87	5%	44 min	34	20	25	8
Fuel	45	2%	5 min	22	6	6	11
Jump Start	36	2%		20	4	6	6
Motorist Transport	9	0.50%		5	1	1	2
Fluids	3	0.17%		1	0	1	1
Push/Pull	1	0.06%		0	0	0	1
Total	1,817	100%	1 hr 23 m	926	200	305	386



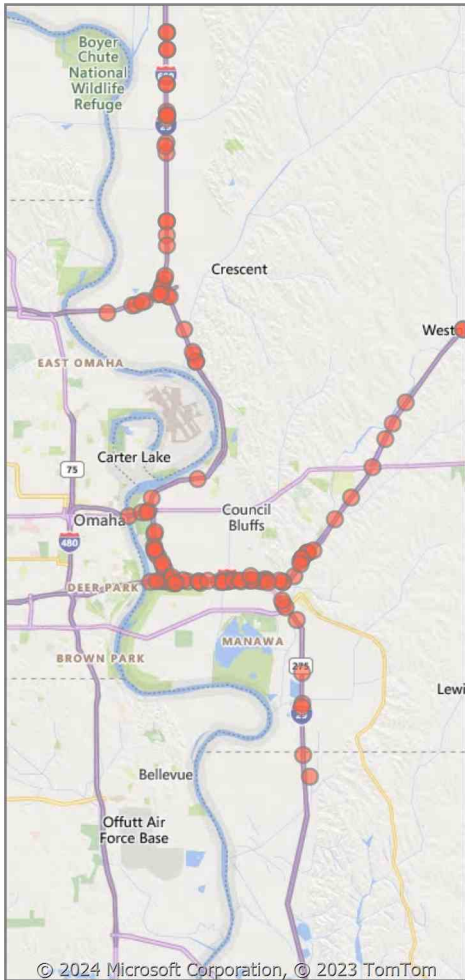
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

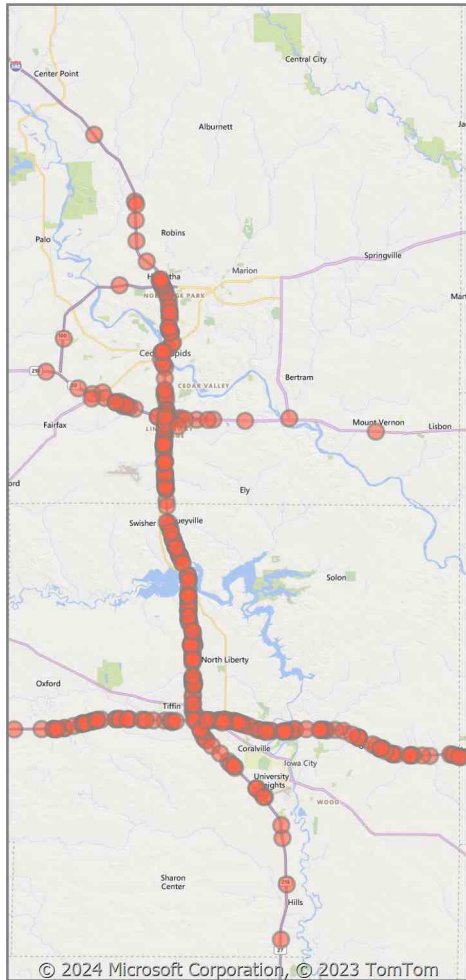
DES MOINES



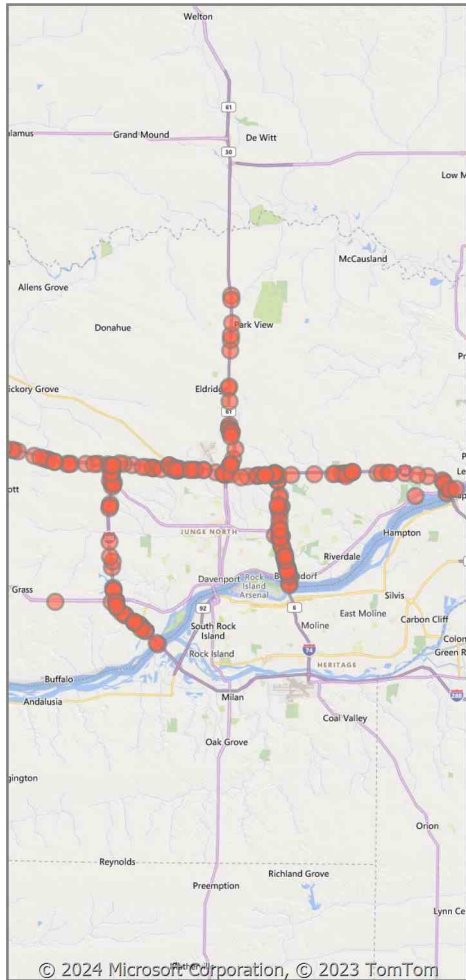
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

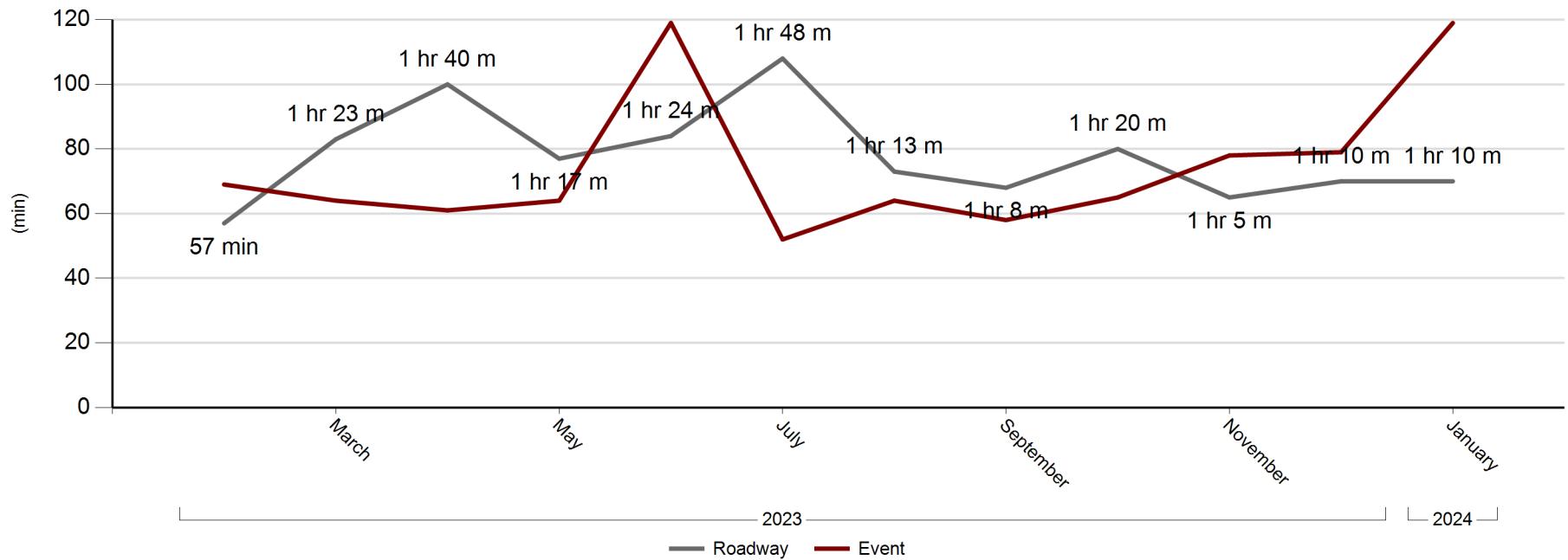


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 59 m	1 hr 36 m	45 min	19 min	1 hr	54 min	2 hr 57 m
	Federal	1 hr 32 m	1 hr 52 m	27 min			1 hr 9 m	1 hr 31 m
	Interstate	2 hr 10 m	1 hr 35 m		19 min	1 hr		3 hr 26 m
	State	47 min	40 min	1 hr 4 m			39 min	
Roadway	All	1 hr 10 m	57 min	45 min	3 hr 15 m	1 hr 15 m	1 hr 13 m	1 hr 2 m
	Federal	1 hr 48 m	1 hr 18 m	20 min	6 hr 3 m	33 min	1 hr 26 m	1 hr 44 m
	Interstate	56 min	49 min	34 min	1 hr 55 m	1 hr 8 m	58 min	55 min
	State	1 hr 18 m	1 hr 8 m	1 hr 12 m	1 hr 48 m	1 hr 56 m	52 min	28 min

All Roads (Interstate / Federal / State)

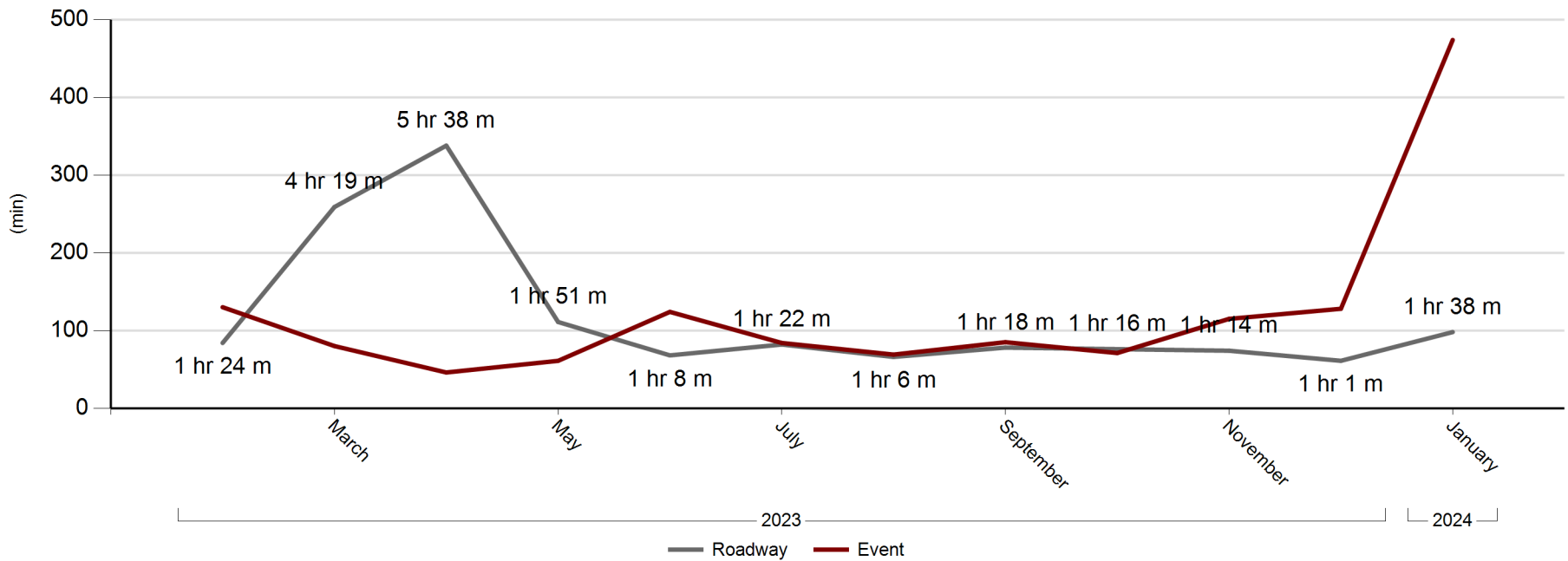


INCIDENT CLEARANCE TIMES (ALL TYPES)

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	7 hr 54 m	4 hr 56 m	52 min	20 min	3 hr 38 m	4 hours	13 hr 5 m
	Federal	6 hr 45 m	15 hr 37 m	46 min	38 min	1 hr 17 m	1 hr 19 m	55 min
	Interstate	8 hr 57 m	2 hr 7 m		19 min	3 hr 50 m	7 hr 32 m	16 hr 29 m
	State	2 hr 34 m	3 hr 28 m	1 hr 4 m	3 min		39 min	1 hr 3 m
Roadway	All	1 hr 38 m	1 hr	59 min	3 hr 21 m	1 hr 20 m	2 hr 6 m	1 hr 55 m
	Federal	1 hr 42 m	1 hr 8 m	1 hr 4 m	3 hr 41 m	48 min	2 hr 29 m	1 hr 18 m
	Interstate	1 hr 36 m	55 min	34 min	2 hr 23 m	1 hr 14 m	2 hr 1 m	2 hr 5 m
	State	1 hr 43 m	1 hr 26 m	57 min	3 hr 39 m	2 hr 15 m	1 hr	24 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 4 m)								
	01/02 04:51 PM	294717	I-880			1	3 hr 8 m	Single vehicle crash event on I-880 W @ MM 0.8 (near Missouri Valley).
	01/03 02:36 AM	294757	US-34		1	1	4 hr 13 m	Single vehicle crash event on US-34 W @ MM 214.3 (near Fairfield).
	01/09 10:41 AM	295594	US-30			1	3 hr 20 m	Single vehicle crash event on US-30 W @ MM 247.8 (near Fairfax).
	01/07 04:31 AM	295226	I-80			1	3 hr 58 m	Single vehicle crash event on I-80 W @ MM 101 (near Dexter).
	01/04 05:30 AM	294894	IA-2		1	1	3 hr 23 m	Single vehicle crash event on IA-2 E/W @ MM 1.6 (near Sidney).
	01/07 10:03 PM	295283	US-69			1	9 hr 10 m	Single vehicle crash event on US-69 N @ MM 79.2 in Des Moines.
	01/12 06:05 AM	296176	I-80			1	2 hr 27 m	Single vehicle crash event on I-80 E @ MM 206 (near Victor).
	01/06 07:18 AM	295140	IA-122				2 hr 12 m	Single vehicle crash event on IA-122 E @ MM 0.9 in Clear Lake.
	01/15 08:49 AM	296726	I-235				2 hr 59 m	Single vehicle crash event on I-235 W @ MM 7.5 in Des Moines.
	01/12 06:14 PM	296347	I-380			1	2 hr 31 m	Single vehicle crash event on I-380 N @ MM 3.6 (near North Liberty).
	01/12 08:19 PM	296363	US-20				2 hr 11 m	Single vehicle crash event on US-20 W @ MM 301 (near Farley).
	01/13 10:42 AM	296434	I-80			1	2 hr 16 m	Single vehicle crash event on I-80 E @ MM 259.6 (near West Branch).
	01/27 06:14 AM	298646	I-80		1	1	2 hr 29 m	Single vehicle crash event on I-80 W @ MM 157 (near Colfax).
	01/29 08:22 PM	298940	IA-415	1			3 hr 28 m	Single vehicle crash event on IA-415 S @ MM 0.8 (near Des Moines).
	01/22 08:25 AM	297991	US-71	2	1		2 hr 59 m	Single vehicle crash event on US-71 S @ MM 116.7 (near Carroll).
	01/23 07:36 PM	298228	US-151			1	3 hr 31 m	Single vehicle crash event on US-151 S @ MM 64 in Monticello.
2 Vehicle Crash (Avg Impact : 59 min)								
	01/09 10:40 AM	295593	I-80			2	2 hr 6 m	2 vehicle crash event on I-80 W @ MM 134.5 (near Saylorville).
	01/09 02:08 PM	295654	I-80			2	2 hr 55 m	2 vehicle crash event on I-80 W @ MM 229 (near Oxford).
	01/12 10:05 PM	296373	I-80				2 hr 47 m	2 vehicle crash event on I-80 W @ MM 260 (near West Branch).
	01/09 07:09 PM	295724	I-80			2	2 hr 27 m	2 vehicle crash event on I-80 W @ MM 273 (near Wilton).
	01/09 11:12 AM	295605	IA-3		1	2	5 hr 44 m	2 vehicle crash event on IA-3 E @ MM 22.5 (near Brunsville).
	01/12 04:20 PM	296327	IA-44				3 hr 21 m	2 vehicle crash event on IA-44 E @ MM 81.4 (near Linden).
	01/24 05:31 PM	298355	IA-12	1			2 hr 50 m	2 vehicle crash event on IA-12 N @ MM 2 (near Sioux City).
	01/29 08:27 PM	298941	US-69		3		4 hr 3 m	2 vehicle crash event on US-69 N @ MM 87.3 in Des Moines.
	01/22 01:23 AM	297964	US-61			1	2 hr 7 m	2 vehicle crash event on US-61 S @ MM 79.7 (near Muscatine).

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
2 Vehicle Crash (Avg Impact : 59 min)								
	01/27 06:25 AM	298647	US-71			1	5 hr 9 m	2 vehicle crash event on US-71 N/S @ MM 187.5 (near Sioux Rapids).
3+ Vehicle Crash (Avg Impact : 2 hr 17 m)								
	01/13 10:48 AM	296436	I-29			3	7 hr 44 m	3+ vehicle crash event on I-29 N @ MM 125 (near Sloan).
	01/23 08:00 PM	298230	US-71	1		3	1 day 2 hr 23 m	3+ vehicle crash event on US-71 S @ MM 162.6 (near Lakeside).
Emergency Repairs (Avg Impact : 2 hr 25 m)								
	01/18 04:26 AM	297355	US-34				5 hr 29 m	Emergency repairs event on US-34 E @ MM 116.9 (near Osceola).
	01/30 09:11 AM	298987	IA-12				5 hr 49 m	Emergency repairs event on IA-12 N @ MM 3.2 in Sioux City.
Emergency Vehicles (Avg Impact : 1 hr 18 m)								
	01/15 12:02 PM	296794	IA-28				6 hr 18 m	Emergency vehicles event on IA-28 N @ MM 17.8 in Des Moines.
	01/13 08:08 AM	296419	IA-148				4 hr 13 m	Emergency vehicles event on IA-148 N @ MM 62.5 in Anita.
Stalled Vehicle (Avg Impact : 1 hr 3 m)								
	01/12 07:18 PM	296352	IA-3			2	21 hr 21 m	Stalled vehicle event on IA-3 E @ MM 11 (near Akron).
	01/16 04:23 PM	297118	I-480				4 hr 48 m	Stalled vehicle event on I-480 W @ MM 0 in Council Bluffs.
	01/13 03:53 PM	296503	I-80			1	5 hr 14 m	Stalled vehicle event on I-80 W @ MM 254.6 (near West Branch).
	01/12 11:06 PM	296374	I-80			3	10 hr 12 m	Stalled vehicle event on I-80 E @ MM 233 (near Oxford).
	01/12 03:29 PM	296320	US-6			1	1 day 1 hr 1 m	Stalled vehicle event on US-6 W @ MM 272.2 (near Atalissa).
	01/13 06:39 AM	296390	IA-17				4 hr 10 m	Stalled vehicle event on IA-17 S @ MM 9.5 (near Madrid).
Towing Operation (Avg Impact : 3 hr 54 m)								
	01/19 05:00 PM	297768	I-80			1	2 days	Towing operation event on I-80 W @ MM 250 (near West Branch).
	01/19 12:45 PM	297715	I-80			1	14 hr 23 m	Towing operation event on I-80 E @ MM 220.5 (near Williamsburg).
	01/19 05:33 PM	297781	I-80			1	2 days	Towing operation event on I-80 E @ MM 249 (near Iowa City).
Vehicle Fire (Avg Impact : 1 hr 49 m)								
	01/22 04:54 AM	297972	IA-330			1	5 hr 27 m	Vehicle fire event on IA-330 N @ MM 16.8 (near Melbourne).