



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

February 2023

This report contains statistical and operational data for TMC activities from the period of February 01, 2023 to February 28, 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
January	February	January	February	January	February
3,766	3,707	8	7	159	159

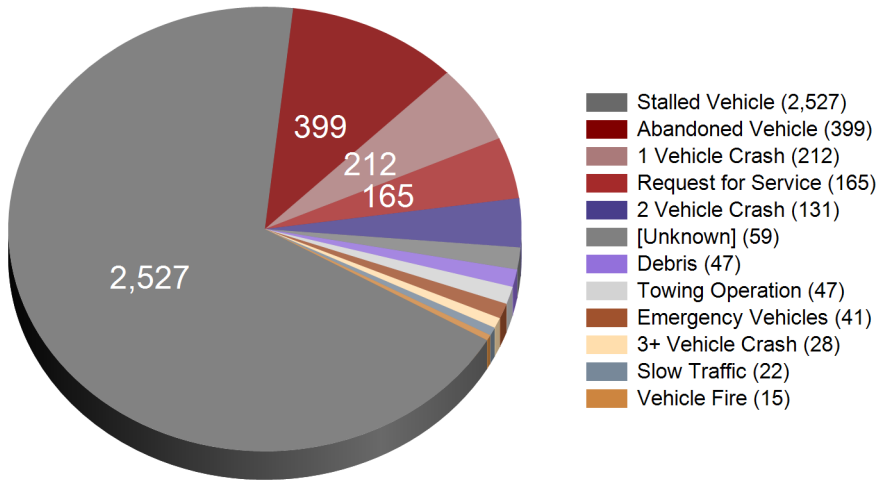
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
January	February	January	February	January	February
279	291	1 hr 14 m	57 min	1,195	1,190

* - excludes roadwork

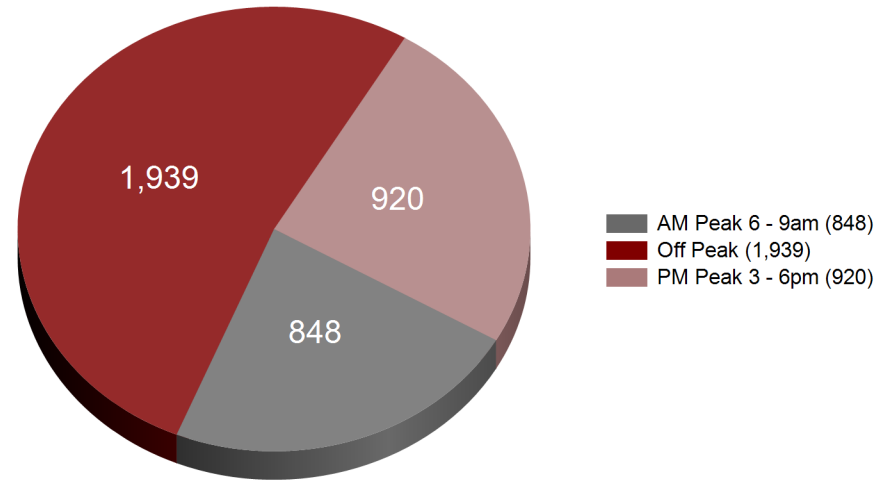
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

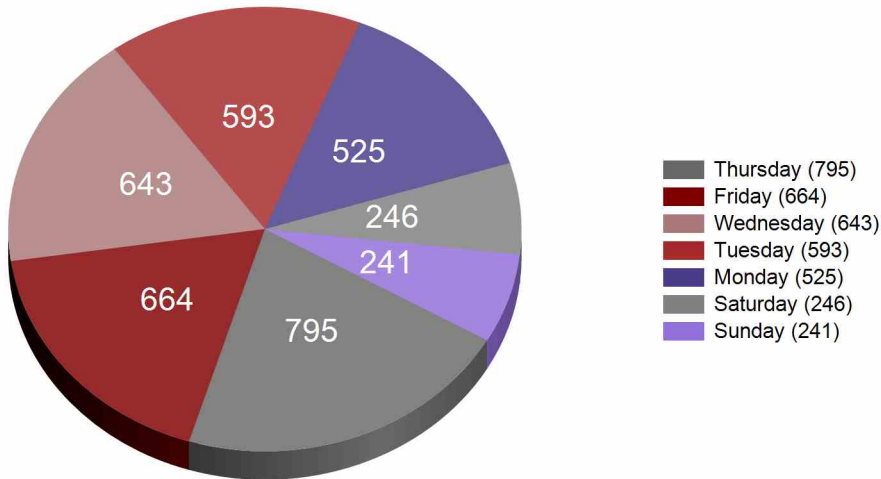
Incidents By Type



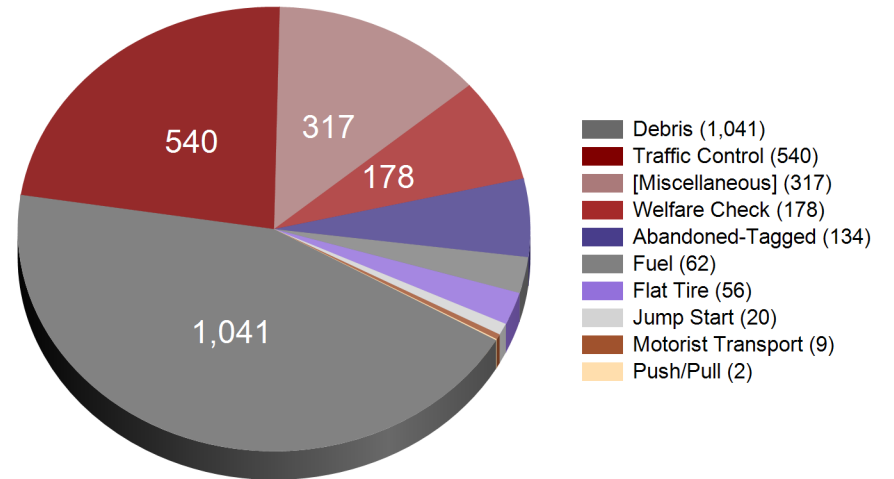
Incidents By Shift



Incidents By Day



Highway Helper Response

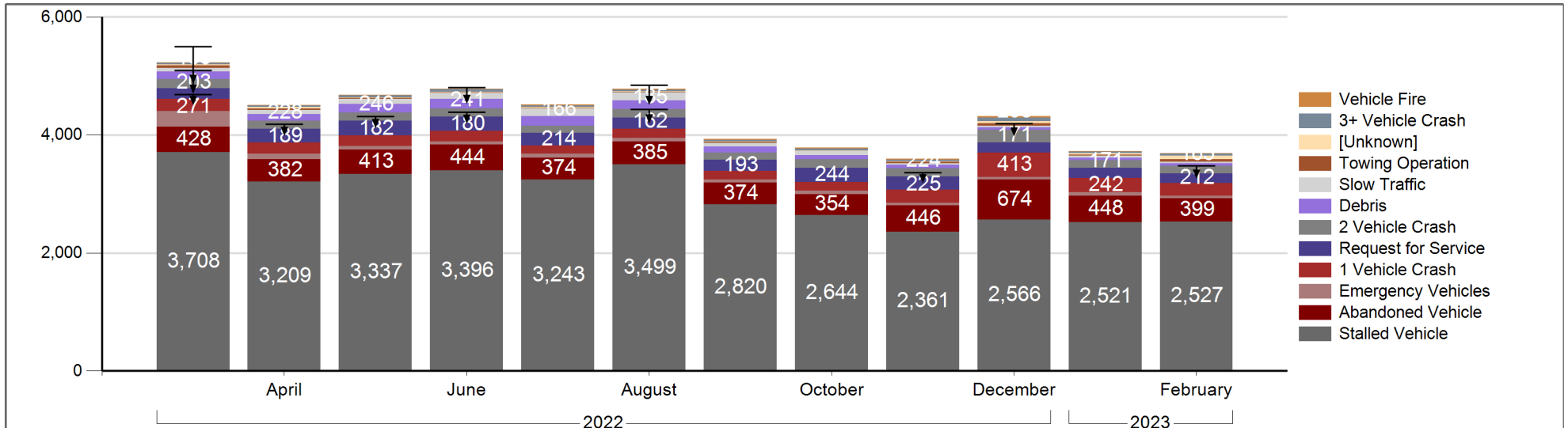


INCIDENT TOTALS BY TYPE

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	2,527	68%	43 min	1,154	100	49	299	36	889
Abandoned Vehicle	399	11%	39 min	173	10	11	54	6	145
1 Vehicle Crash	212	6%	57 min	72	8	9	43	15	65
Request for Service	165	4%	5 min	58	13	31	19	12	32
2 Vehicle Crash	131	4%	54 min	72	6	4	14	5	30
[Unknown]	59	2%		5	2	1	1	0	4
Debris	47	1%	15 min	18	1	2	7	1	18
Towing Operation	47	1%	3 hr 59 m	12	0	0	6	4	25
Emergency Vehicles	41	1%	1 hr 29 m	19	3	0	5	3	11
3+ Vehicle Crash	28	0.76%	1 hr 7 m	18	1	2	4	1	2
Slow Traffic	22	0.59%		15	2	0	3	0	2
Vehicle Fire	15	0.40%	43 min	7	2	0	2	1	3
Total	3,693	100%	1 hr 24 m	1,623	148	109	457	84	1,226

* - Totals include Highway Helper Incidents

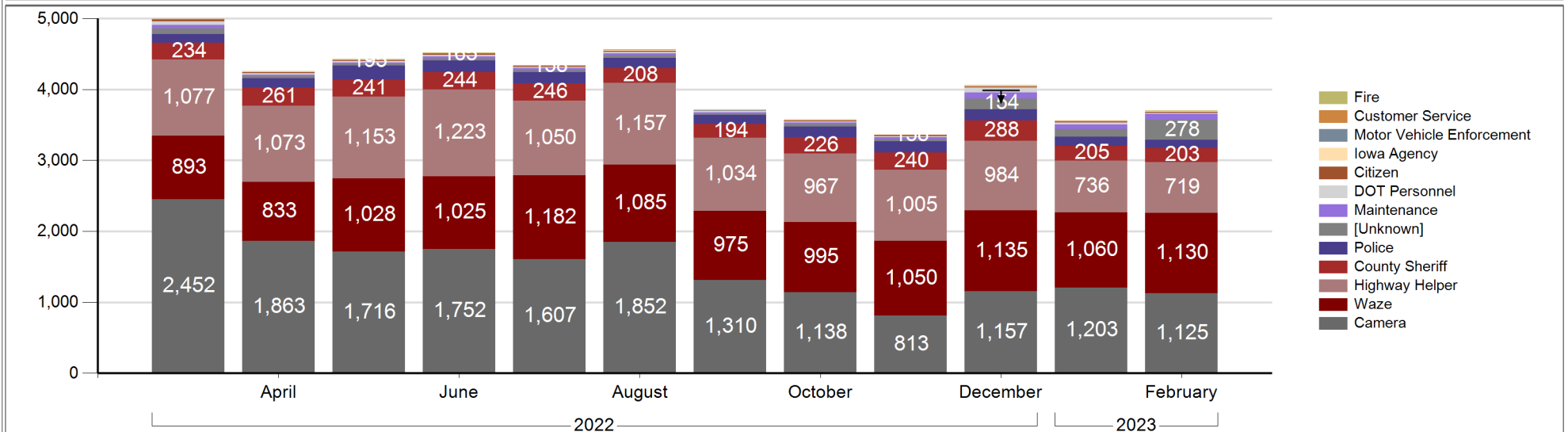


INCIDENT TOTALS BY DETECTION TYPE

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	1,130	30%	576	29	38	127	25	335
Camera	1,125	30%	525	80	24	97	11	388
Highway Helper	719	19%	260	0	0	131	4	324
Other	279	8%	80	7	6	60	16	64
County Sheriff	203	5%	65	26	31	22	20	39
Police	112	3%	64	3	7	6	3	29
Maintenance	87	2%	34	3	1	10	4	35
Iowa Agency	23	0.62%	10	0	0	3	2	8
Citizen	14	0.38%	7	1	2	1	0	3
DOT Personnel	13	0.35%	5	0	2	0	0	6
Fire	1	0.03%	0	0	0	0	0	1
Customer Service	1	0.03%	1	0	0	0	0	0
Total	3,707	100%	1,627	149	111	457	85	1,232

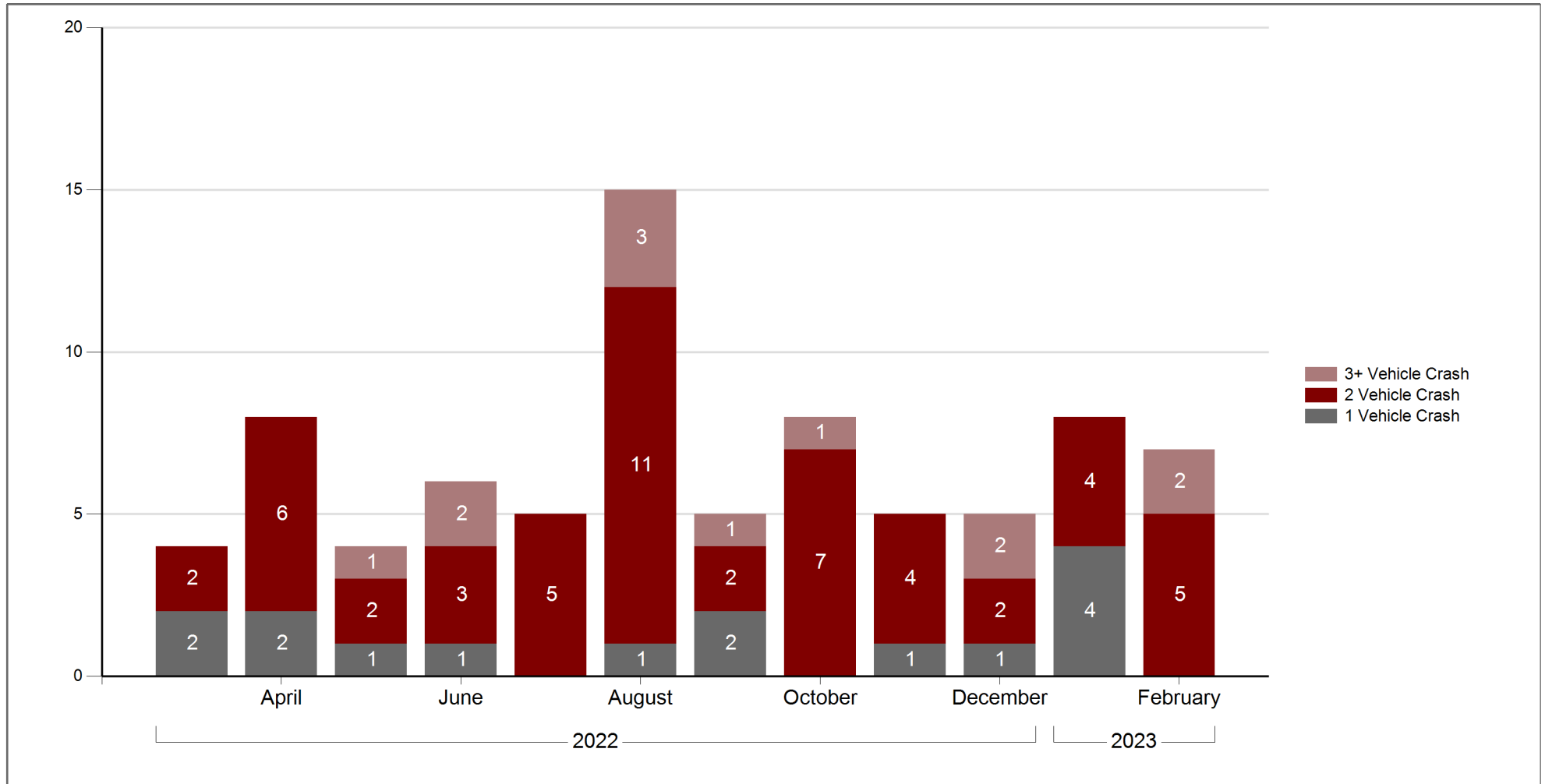
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

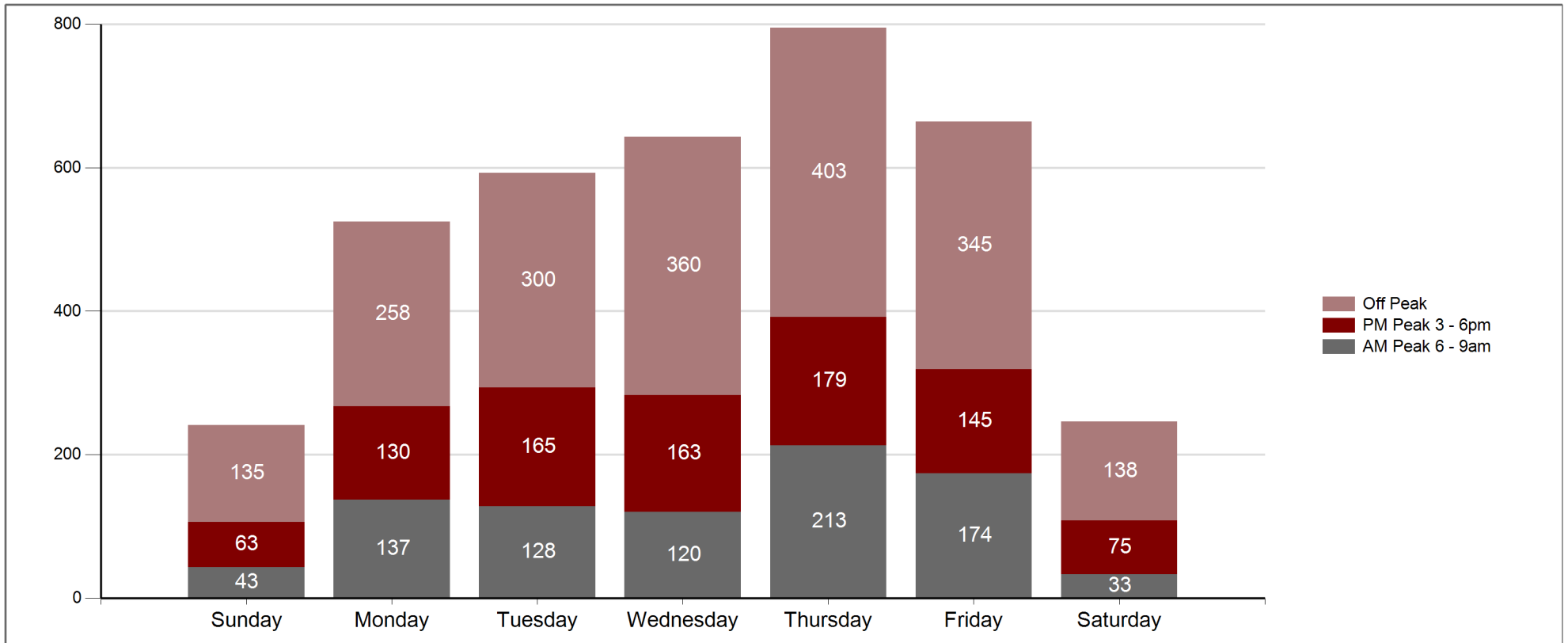
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	71%	18 min	5	0	0	0	0	0
3+ Vehicle Crash	2	29%	47 min	1	0	0	1	0	0
Total	7	100%	24 min	6	0	0	1	0	0



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.

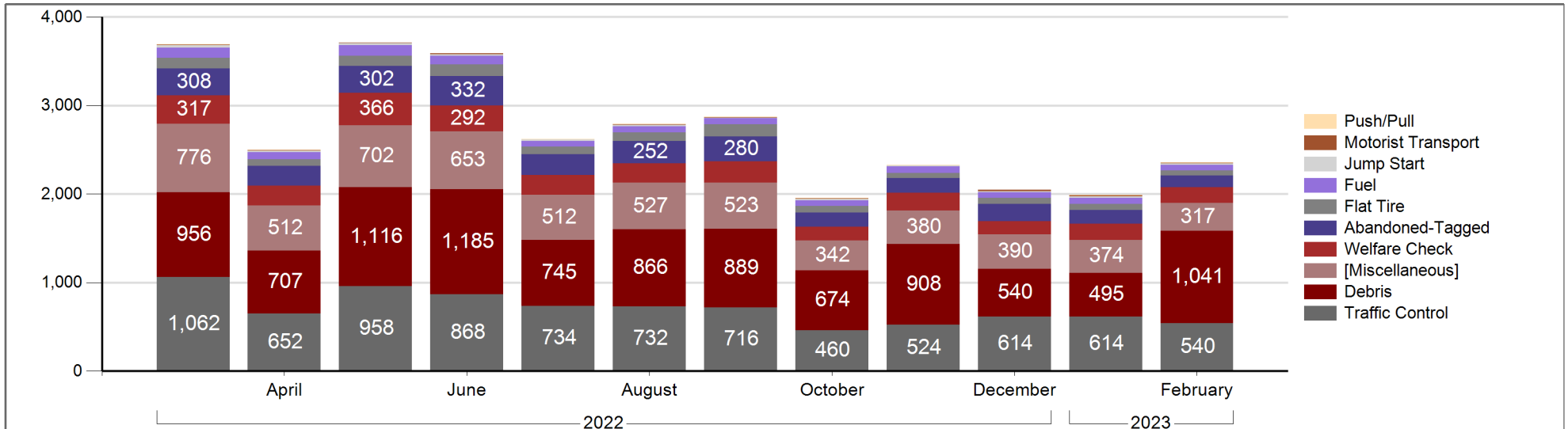
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Thursday	795	21%	1 hr 25 m	314	22	17	104	25	283
Friday	664	18%	1 hr 5 m	306	29	19	67	17	223
Wednesday	643	17%	1 hr 21 m	284	27	25	89	11	194
Tuesday	593	16%	1 hr 19 m	265	27	17	78	11	195
Monday	525	14%	1 hr 37 m	218	24	14	73	10	186
Saturday	246	7%	2 hr 30 m	122	12	6	20	8	78
Sunday	241	7%	1 hr 3 m	118	8	13	26	3	73
Total	3,707	100%	1 hr 25 m	1,627	149	111	457	85	1,232



HIGHWAY HELPER RESPONSES

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

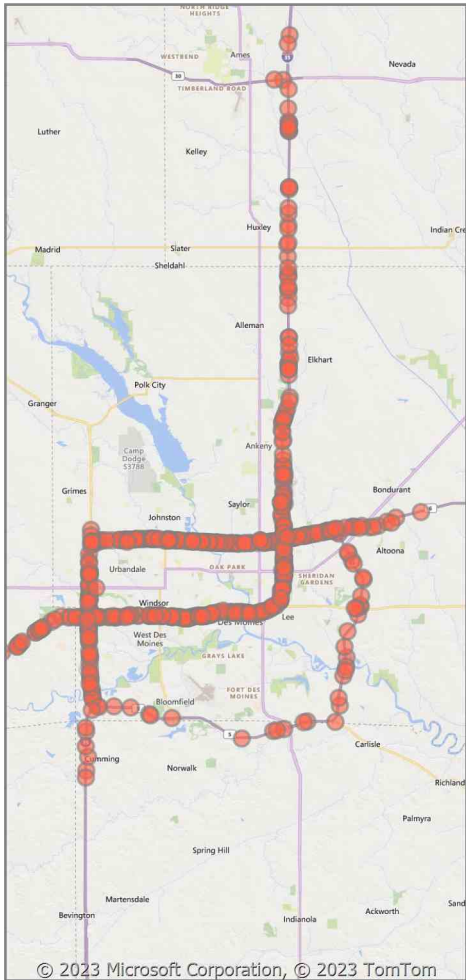
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	1,041	44%	1 hr 17 m	479	504	55	2
Traffic Control	540	23%	56 min	192	78	78	88
[Miscellaneous]	317	13%	53 min	119	44	43	51
Welfare Check	178	8%	33 min	60	29	31	32
Abandoned-Tagged	134	6%	10 min	64	14	14	10
Fuel	62	3%		26	12	8	10
Flat Tire	56	2%	23 min	32	4	2	10
Jump Start	20	0.85%	50 min	10	4	0	4
Motorist Transport	9	0.38%	6 hr 13 m	3	0	0	1
Push/Pull	2	0.08%	41 min	1	0	0	0
Total	2,359	100%	57 min	986	689	231	208



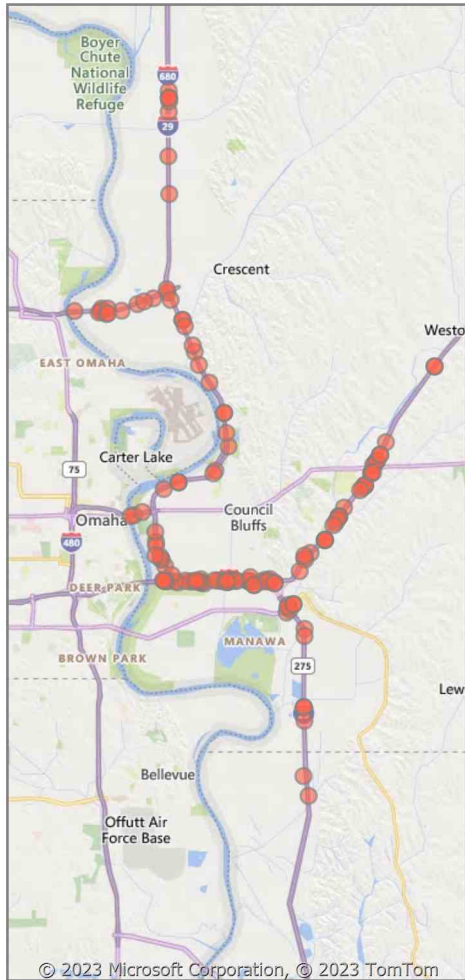
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



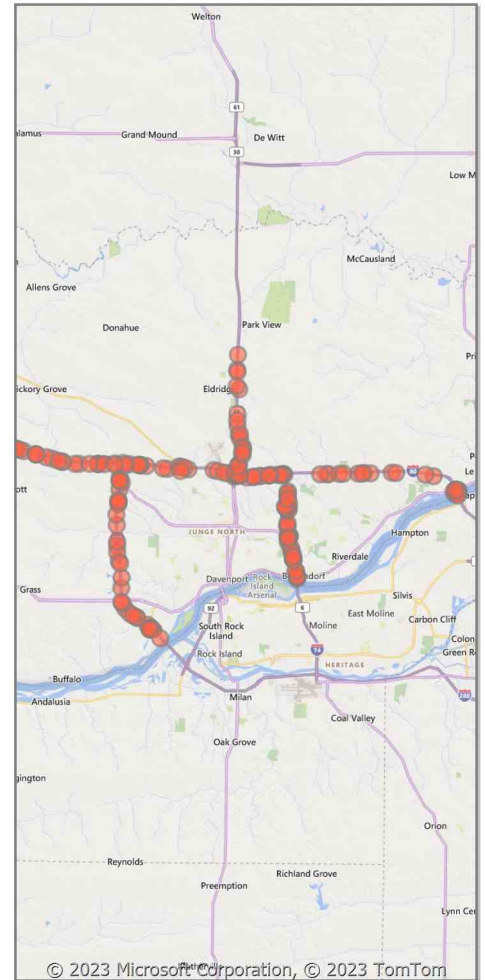
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

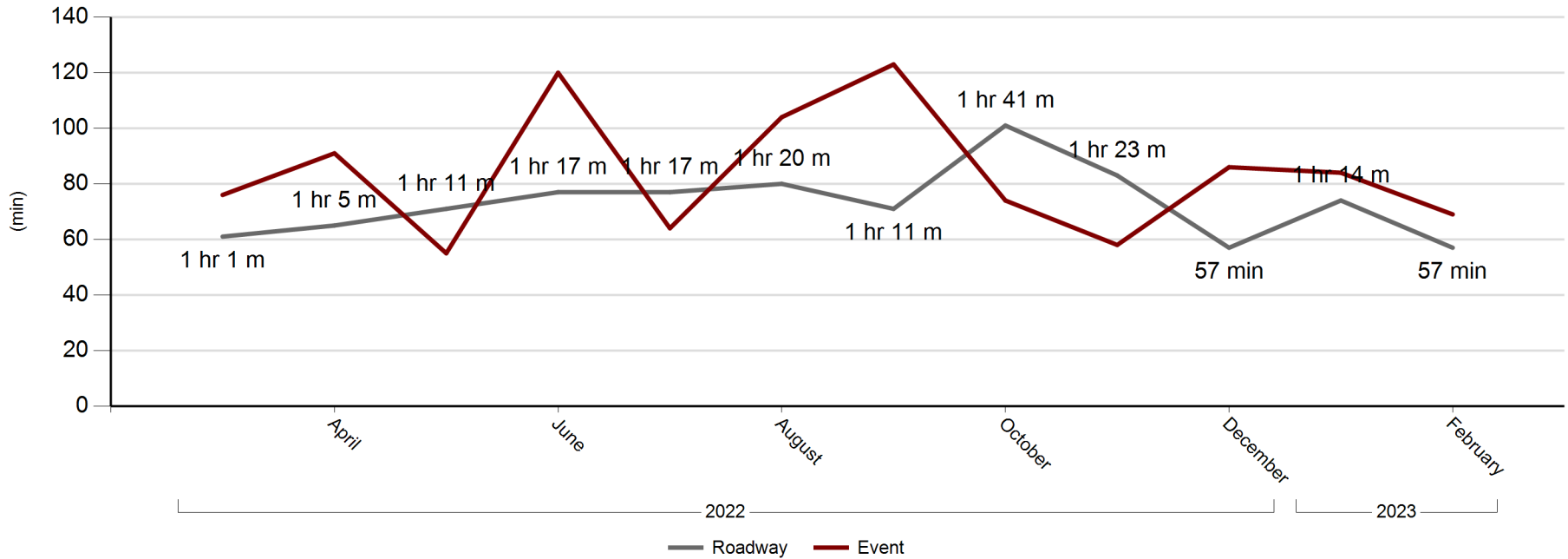


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 9 m	1 hr 19 m	4 hr 37 m	6 min	1 hr 9 m	53 min	42 min
	Federal	56 min	1 hr 10 m				24 min	40 min
	Interstate	1 hr 20 m	1 hr 30 m	4 hr 37 m		1 hr 9 m	1 hr 50 m	44 min
	State	21 min	26 min		6 min			25 min
Roadway	All	57 min	47 min	2 hr 41 m	1 hr 42 m	1 hr 20 m	1 hr 19 m	42 min
	Federal	1 hr 19 m	1 hr 24 m	32 min	49 min	2 hr 42 m	1 hr 10 m	1 hr 13 m
	Interstate	46 min	38 min	10 hr 33 m		48 min	1 hr 30 m	34 min
	State	1 hr 13 m	39 min	55 min	1 hr 55 m	3 hr 56 m	1 hr 36 m	28 min

All Roads (Interstate / Federal / State)

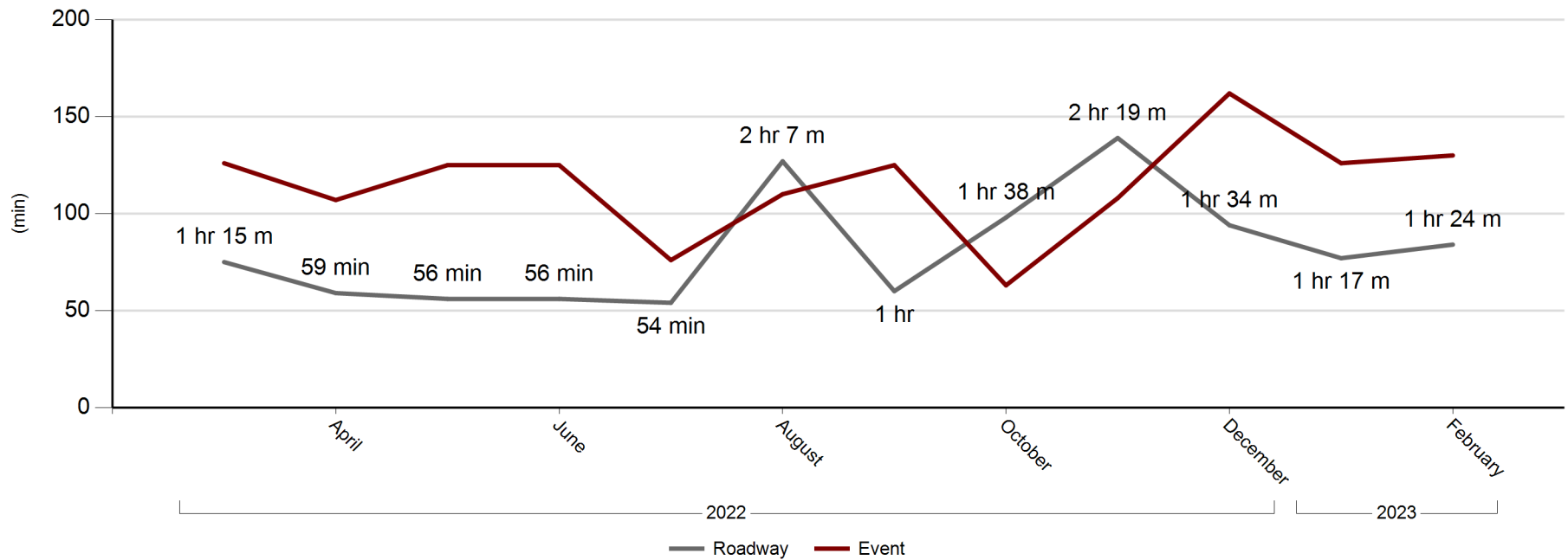


INCIDENT CLEARANCE TIMES (ALL TYPES)

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	2 hr 10 m	1 hr 36 m	4 hr 37 m	5 min	1 hr 9 m	41 min	3 hr 37 m
	Federal	1 hr 56 m	1 hr 5 m			2 hr 40 m	29 min	3 hr 39 m
	Interstate	2 hr 27 m	1 hr 53 m	4 hr 37 m	3 min	1 hr	1 hr	3 hr 48 m
	State	25 min	28 min		6 min			33 min
Roadway	All	1 hr 24 m	58 min	1 hr 52 m	3 hr 44 m	1 hr 37 m	1 hr 24 m	1 hr 35 m
	Federal	1 hr 32 m	1 hr 13 m	34 min	34 min	4 hr 49 m	1 hr 50 m	1 hr 17 m
	Interstate	1 hr 18 m	56 min	10 hr 33 m	11 min	1 hr 4 m	58 min	1 hr 44 m
	State	1 hr 48 m	52 min	1 hr 4 m	5 hr 58 m	3 hr 56 m	1 hr 14 m	28 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 : 57 min)								
	02/20 10:35 PM	249584	I-380		1	1	10 hr 33 m	Single vehicle crash event on I-380 N @ MM 72.9 in Waterloo.
	02/18 10:13 PM	249409	US-30	2			2 hr 48 m	Single vehicle crash event on US-30 E/W @ MM 113.4 (near Grand Junction).
	02/15 09:54 AM	248715	US-61			1	2 hr 25 m	Single vehicle crash event on US-61 S @ MM 78.2 (near Letts).
	02/23 12:12 AM	249939	I-235				2 hr 58 m	Single vehicle crash event on I-235 W @ MM 0.4 in West Des Moines.
	02/15 09:20 AM	248707	US-6			1	2 hr 40 m	Single vehicle crash event on US-6 E @ MM 142.5 (near Altoona).
2 Vehicle Crash (Avg Impact : 54 min)								
	02/03 05:13 PM	247259	US-30	2			6 hr 28 m	2 vehicle crash event on US-30 E @ MM 134.7 (near Boone).
	02/24 06:41 AM	250116	US-34		1	1	4 hr 39 m	2 vehicle crash event on US-34 E @ MM 5.2 (near Pacific Junction).
	02/28 06:44 AM	250546	US-169	1	1	1	2 hr 18 m	2 vehicle crash event on US-169 N @ MM 161 (near Fort Dodge).
	02/03 03:30 PM	247245	IA-376			1	6 hr 4 m	2 vehicle crash event on IA-376 S @ MM 91.2 in Sioux City.
3+ Vehicle Crash (Avg Impact : 1 hr 7 m)								
	02/22 07:36 PM	249922	IA-2		4	1	5 hr 55 m	3+ vehicle crash event on IA-2 W @ MM 0.4 (near Hamburg).
Emergency Vehicles (Avg Impact : 1 hr 29 m)								
	02/08 02:43 AM	247705	US-6	1			13 hr 35 m	Emergency vehicles event on US-6 E @ MM 114 (near Adel).
Stalled Vehicle (Avg Impact : 43 min)								
	02/09 11:56 AM	247988	US-61				4 hr 15 m	Stalled vehicle event on US-61 N/S @ MM 188.1 in Dubuque.
	02/16 09:28 AM	248934	IA-141			1	3 hr 31 m	Stalled vehicle event on IA-141 E @ MM 153.4 in Grimes.
Towing Operation (Avg Impact : 3 hr 59 m)								
	02/09 02:56 PM	248022	I-80				12 hr 47 m	Towing operation event on I-80 E @ MM 258 (near West Branch).
	02/18 12:06 PM	249348	I-80			1	11 hr 7 m	Towing operation event on I-80 E @ MM 211 (near Ladora).
	02/18 12:00 PM	249347	I-80			1	8 hr 26 m	Towing operation event on I-80 E @ MM 214.6 (near Williamsburg).
	02/18 12:10 PM	249349	I-80			1	8 hr 27 m	Towing operation event on I-80 E @ MM 214.9 (near Williamsburg).
	02/09 04:41 PM	248038	I-80				8 hr 8 m	Towing operation event on I-80 W @ MM 227 (near Oxford).