



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

November 2023

This report contains statistical and operational data for TMC activities from the period of November 01, 2023 to November 30, 2023.

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
October	November
3,830	3,823

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
October	November
5	11

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
October	November
174	203

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
October	November
293	294

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
October	November
1 hr 20 m	1 hr 5 m

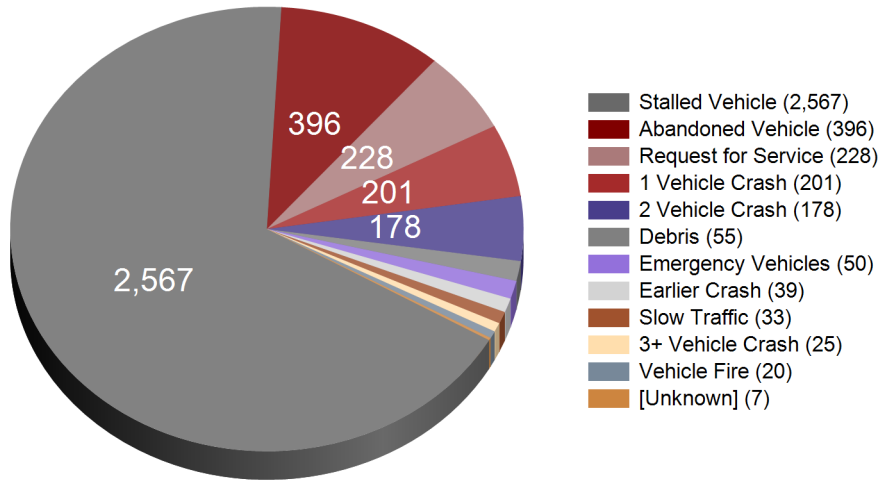
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
October	November
1,338	1,224

* - excludes roadwork

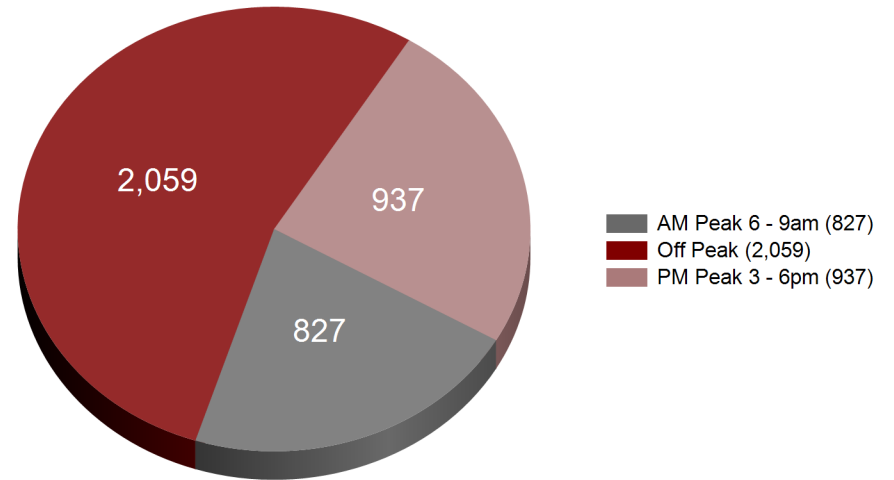
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

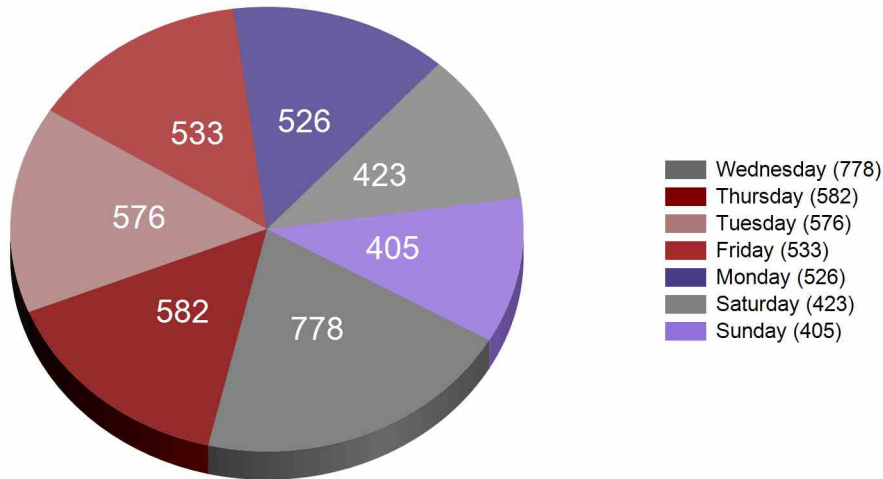
Incidents By Type



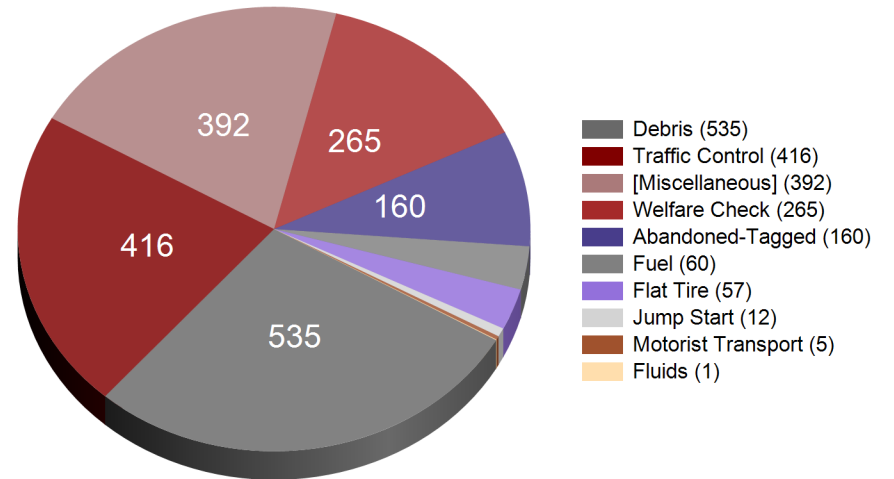
Incidents By Shift



Incidents By Day



Highway Helper Response

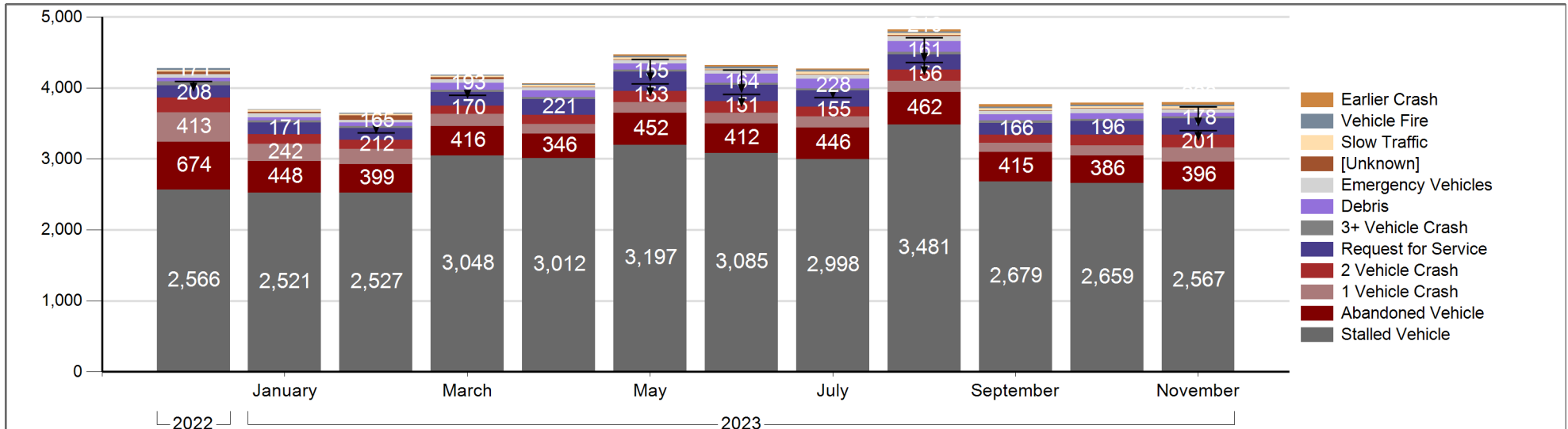


INCIDENT TOTALS BY TYPE

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	2,567	67%	57 min	1,188	69	39	286	42	943
Abandoned Vehicle	396	10%		179	4	7	46	6	154
Request for Service	228	6%		63	41	31	17	18	58
1 Vehicle Crash	201	5%	59 min	79	6	6	34	14	62
2 Vehicle Crash	178	5%	1 hr 11 m	93	8	10	20	10	37
Debris	55	1%	13 min	32	1	0	2	2	18
Emergency Vehicles	50	1%	26 min	26	0	2	5	0	17
Earlier Crash	39	1%		7	5	3	9	5	10
Slow Traffic	33	0.86%		21	1	0	2	0	9
3+ Vehicle Crash	25	0.65%	1 hr 3 m	9	3	2	2	2	7
Vehicle Fire	20	0.52%	1 hr 9 m	8	1	3	4	1	3
Towing Operation	11	0.29%	4 hr 40 m	2	0	0	1	0	8
Total	3,803	100%	1 hr 14 m	1,707	139	103	428	100	1,326

* - Totals include Highway Helper Incidents

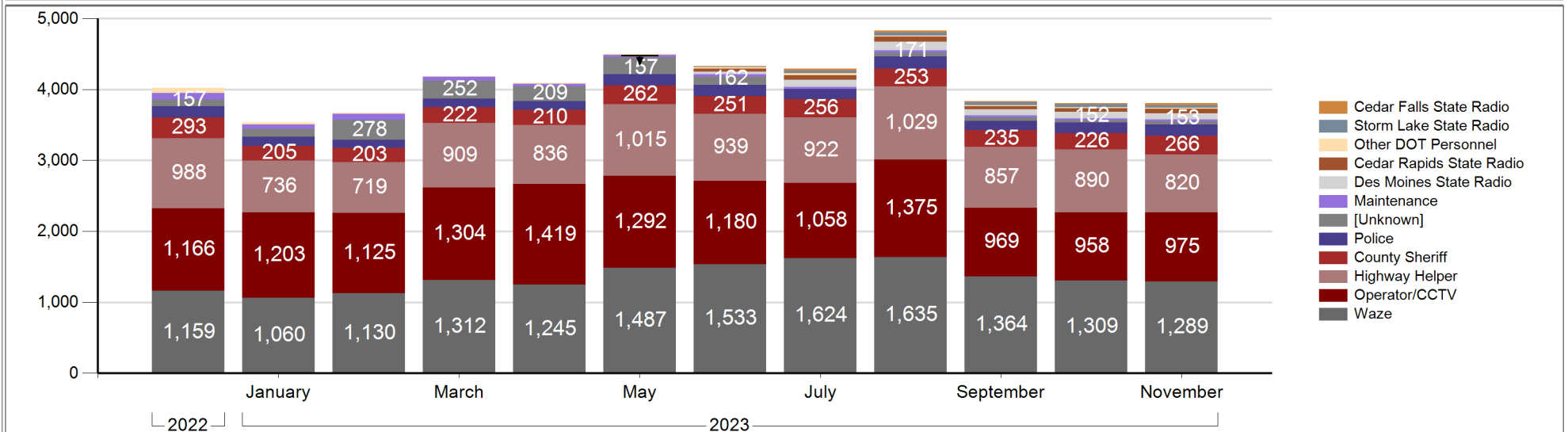


INCIDENT TOTALS BY DETECTION TYPE

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	1,289	34%	613	36	45	129	36	430
Operator/CCTV	975	26%	502	33	5	75	2	358
Highway Helper	820	21%	307	0	0	147	5	361
County Sheriff	266	7%	58	49	36	32	27	64
Police	153	4%	101	4	8	4	3	33
Des Moines State Radio	86	2%	65	0	0	6	14	1
Cedar Rapids State Radio	68	2%	7	2	0	0	5	48
Other	58	2%	26	6	0	4	5	17
Storm Lake State Radio	35	0.92%	0	0	6	29	0	0
Cedar Falls State Radio	30	0.78%	11	9	4	0	0	6
Maintenance	29	0.76%	16	0	0	2	0	11
Other DOT Personnel	14	0.37%	4	0	0	2	4	4
Total	3,823	100%	1,710	139	104	430	101	1,333

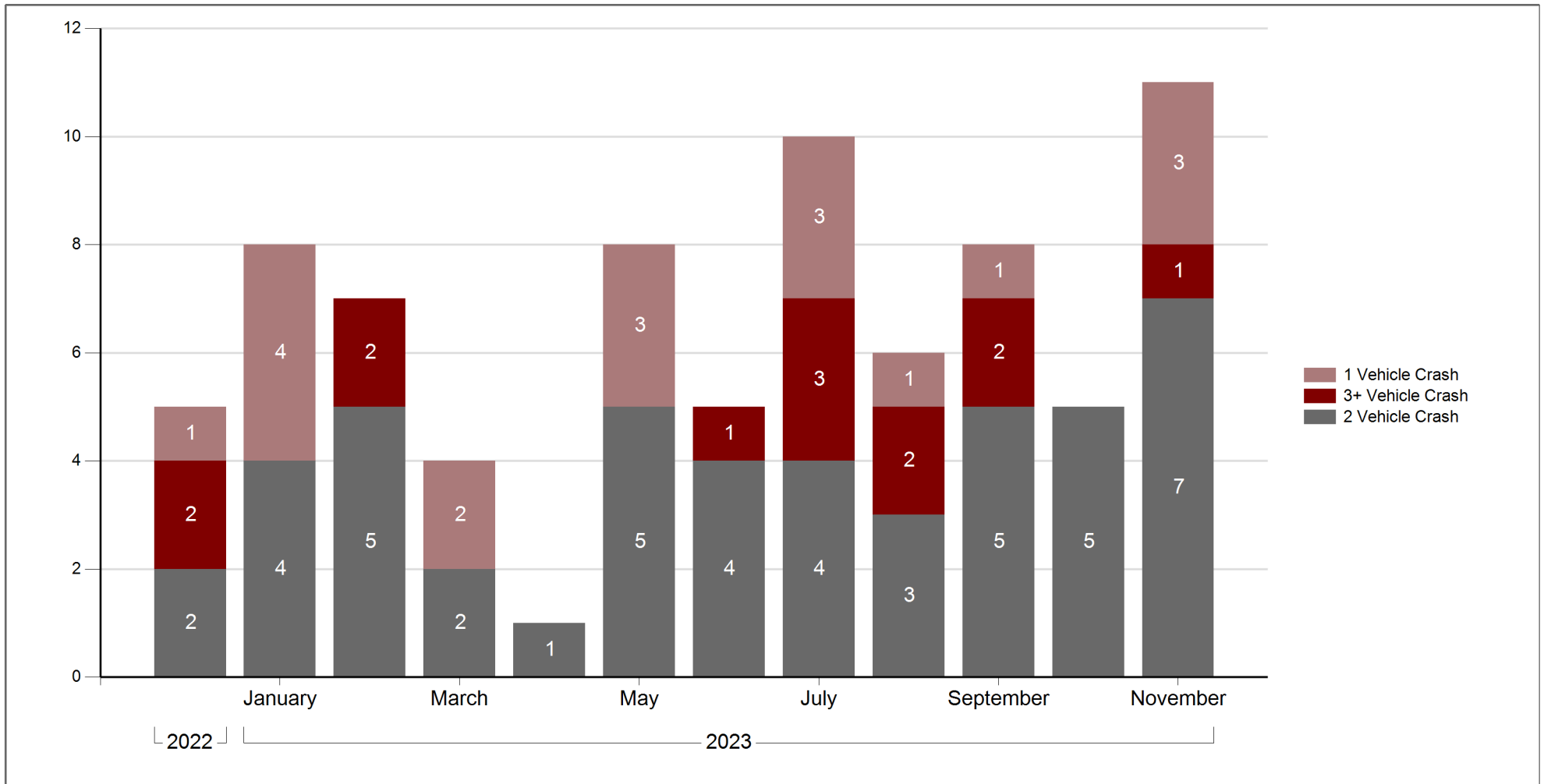
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

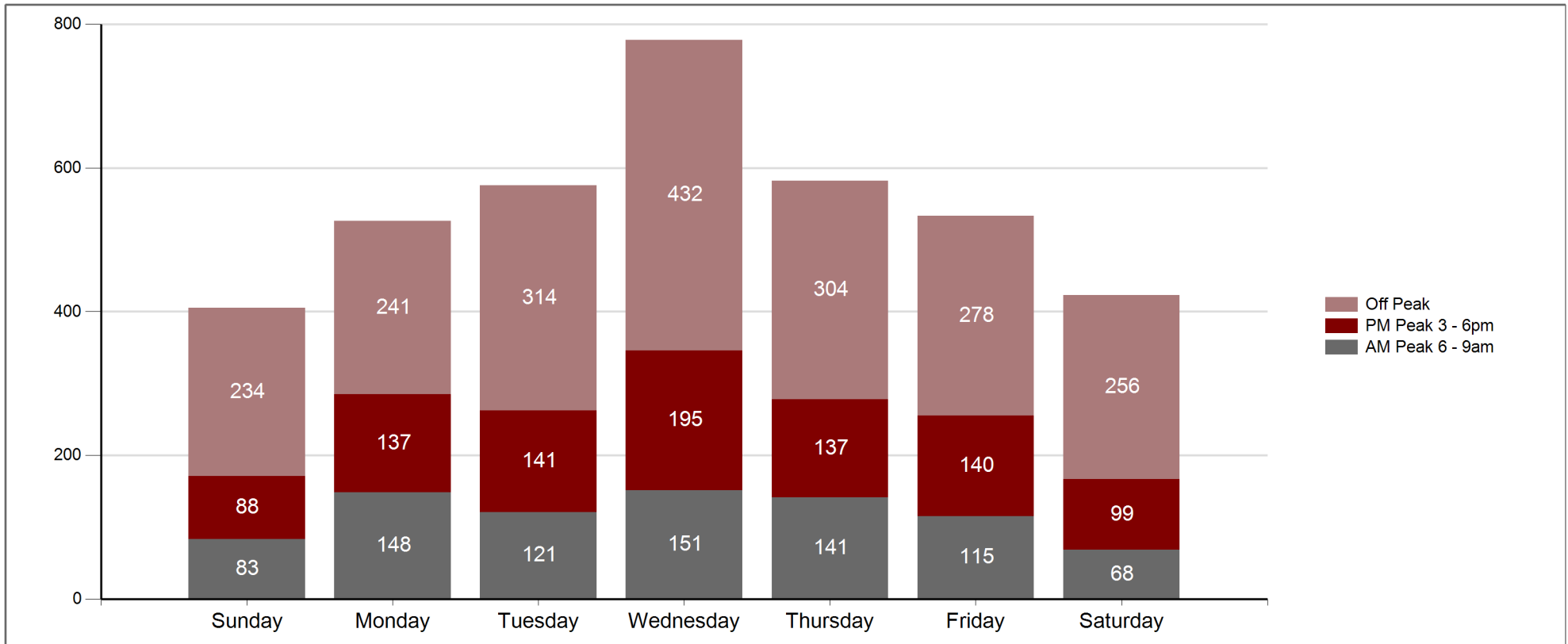
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	7	64%	34 min	4	0	0	1	0	2
1 Vehicle Crash	3	27%	1 hr 21 m	2	0	0	1	0	0
3+ Vehicle Crash	1	9%		0	0	0	0	0	1
Total	11	100%	52 min	6	0	0	2	0	3



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.

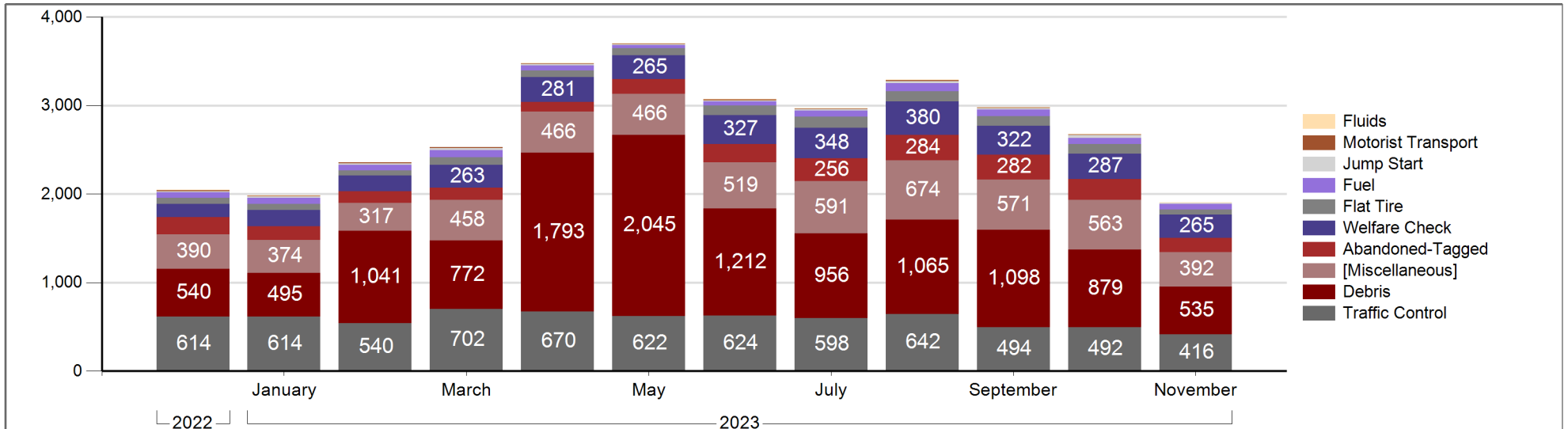
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	778	20%	2 hr 26 m	340	37	14	92	21	274
Thursday	582	15%	1 hr 32 m	250	24	19	60	17	212
Tuesday	576	15%	1 hr 2 m	276	17	15	63	14	191
Friday	533	14%	55 min	210	20	17	75	8	203
Monday	526	14%	44 min	248	12	16	48	15	187
Saturday	423	11%	54 min	210	9	15	47	17	125
Sunday	405	11%	1 hr 15 m	176	20	8	45	9	141
Total	3,823	100%	2 hr 26 m	1,710	139	104	430	101	1,333



HIGHWAY HELPER RESPONSES

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

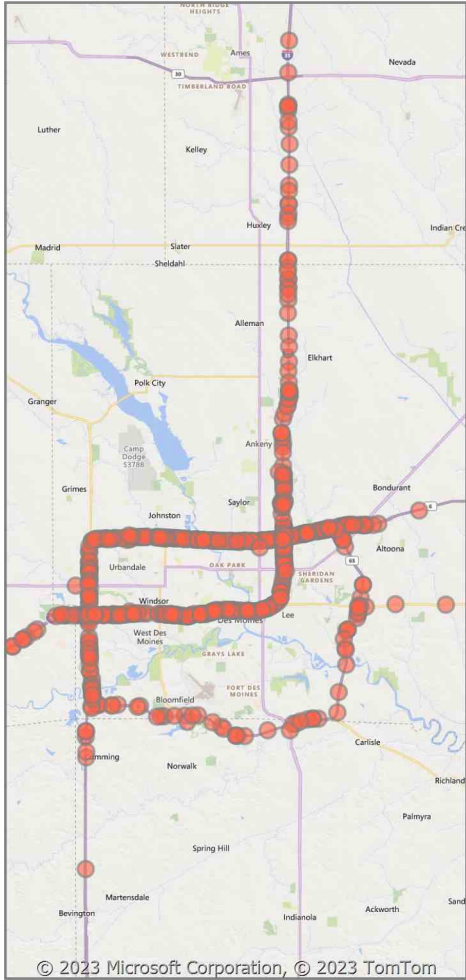
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	535	28%	58 min	222	51	76	186
Traffic Control	416	22%	46 min	162	100	72	82
[Miscellaneous]	392	21%	44 min	174	81	60	77
Welfare Check	265	14%	28 min	114	63	39	49
Abandoned-Tagged	160	8%	1 hr 7 m	68	36	26	30
Fuel	60	3%		36	6	4	14
Flat Tire	57	3%	5 min	20	12	9	16
Jump Start	12	0.63%		4	2	2	4
Motorist Transport	5	0.26%	1 hr 7 m	3	0	2	0
Fluids	1	0.05%		0	0	1	0
Total	1,903	100%	45 min	803	351	291	458



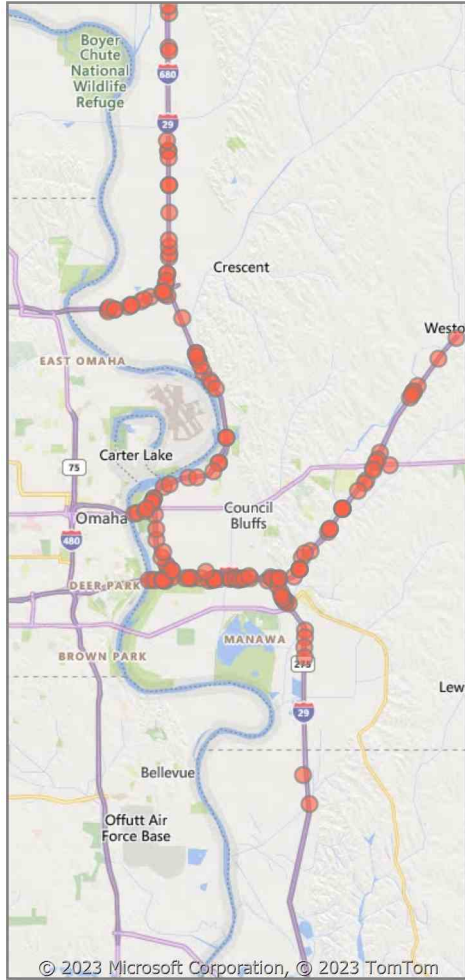
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



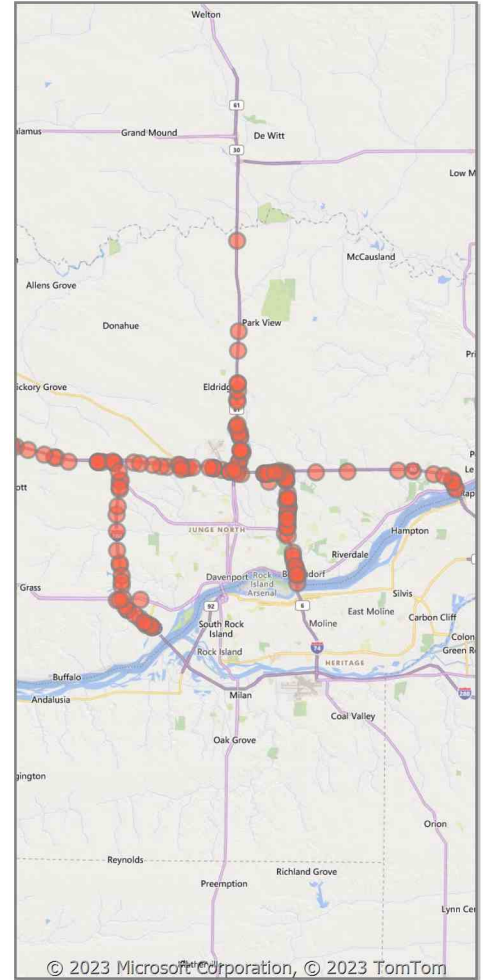
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

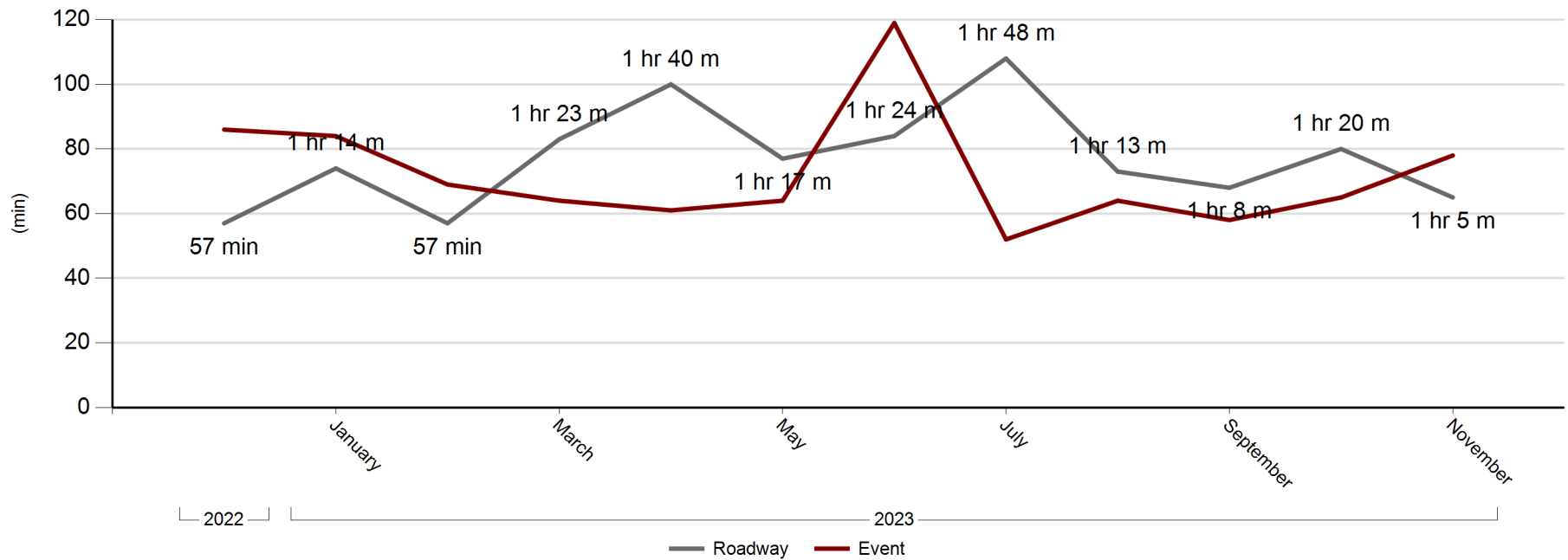


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 18 m	1 hr 32 m	26 min	2 hr 19 m	1 hr 1 m	47 min	1 hr 2 m
	Federal	1 hr 3 m	55 min	26 min	53 min	27 min	47 min	1 hr 46 m
	Interstate	1 hr 21 m	1 hr 42 m			1 hr 11 m		42 min
	State	1 hr 34 m	31 min		3 hr 2 m		47 min	1 hr 25 m
Roadway	All	1 hr 5 m	59 min	1 hr 11 m	1 hr 25 m	1 hr 11 m	1 hr 24 m	1 hr 3 m
	Federal	1 hr 22 m	1 hr 18 m	1 hr 31 m	48 min	59 min	1 hr 18 m	1 hr 45 m
	Interstate	45 min	37 min	29 min	35 min	1 hr 9 m	2 hr 8 m	40 min
	State	1 hr 58 m	2 hr 39 m	42 min	2 hr 55 m	1 hr 54 m	1 hr 10 m	1 hr 10 m

All Roads (Interstate / Federal / State)

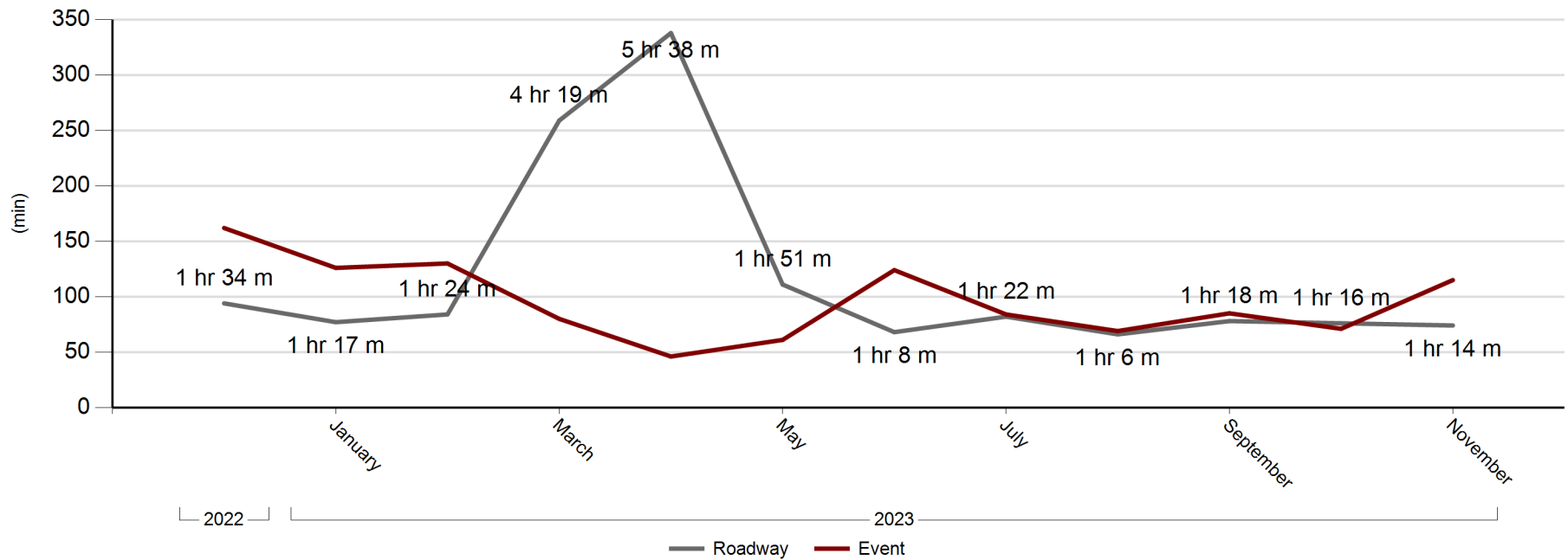


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 55 m	2 hr 4 m	26 min	1 hr 54 m	53 min	31 min	2 hr 23 m
	Federal	54 min	55 min	26 min	53 min	20 min	47 min	1 hr 13 m
	Interstate	2 hr 15 m	2 hr 18 m		41 min	1 hr 1 m	15 min	2 hr 53 m
	State	1 hr 8 m	20 min		3 hr 2 m		32 min	1 hr 18 m
Roadway	All	1 hr 14 m	47 min	1 hr 5 m	1 hr 27 m	1 hr 5 m	4 hr 22 m	1 hr 22 m
	Federal	1 hr 12 m	1 hr 12 m	1 hr 27 m	1 hr 7 m	47 min	1 hr 6 m	1 hr 18 m
	Interstate	55 min	32 min	29 min	25 min	1 hr 6 m	1 hr 37 m	1 hr 26 m
	State	2 hr 45 m	1 hr 46 m	42 min	2 hr 41 m	1 hr 34 m	7 hr 26 m	1 hr

All Roads (Interstate / Federal / State)



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 59 min)								
	11/17 02:36 AM	288986	I-80			1	2 hr 4 m	Single vehicle crash event on I-80 E @ MM 253.7 (near West Branch).
	11/01 08:15 PM	286977	IA-13			1	3 hr 19 m	Single vehicle crash event on IA-13 N/S @ MM 47.1 (near Manchester).
	11/24 09:15 AM	289863	IA-376		2		2 hr 20 m	Single vehicle crash event on IA-376 N @ MM 93.9 in Sioux City.
	11/09 03:44 PM	288004	US-69		1		2 hr 39 m	Single vehicle crash event on US-69 N @ MM 86.2 in Des Moines.
	11/12 07:49 PM	288373	US-52		4		2 hr 24 m	Single vehicle crash event on US-52 N @ MM 19.8 (near Springbrook).
	11/17 06:42 PM	289119	US-30	1			5 hr 10 m	Single vehicle crash event on US-30 W @ MM 251.1 in Cedar Rapids.
	11/13 02:33 AM	288387	US-69				4 hr 46 m	Single vehicle crash event on US-69 N @ MM 81.9 in Des Moines.
2 Vehicle Crash (Avg Impact : 1 hr 11 m)								
	11/08 07:23 PM	287878	IA-15	1		1	5 hr 31 m	2 vehicle crash event on IA-15 S @ MM 16.1 (near Ottosen).
	11/06 06:37 AM	287472	US-30			2	4 hr 11 m	2 vehicle crash event on US-30 E @ MM 255.1 in Cedar Rapids.
	11/13 08:19 AM	288426	IA-60		2	2	3 hr 30 m	2 vehicle crash event on IA-60 S @ MM 1.8 (near Le Mars).
	11/14 11:15 AM	288587	US-18		1		5 hr 40 m	2 vehicle crash event on US-18 E @ MM 175.2 in Clear Lake.
	11/11 05:54 PM	288254	US-61	1	1		3 hr 25 m	2 vehicle crash event on US-61 N @ MM 191.5 in Dubuque.
	11/03 07:02 AM	287143	I-80	1			3 hr 30 m	2 vehicle crash event on I-80 W @ MM 1.3 in Council Bluffs.
	11/18 06:37 PM	289235	IA-141	1			3 hr 14 m	2 vehicle crash event on IA-141 E @ MM 146.1 in Granger.
	11/12 08:03 PM	288375	IA-163	2			16 hrs	2 vehicle crash event on IA-163 E @ MM 1.8 in Des Moines.
3+ Vehicle Crash (Avg Impact : 1 hr 3 m)								
	11/17 06:04 PM	289112	US-61	1	1		3 hr 31 m	3+ vehicle crash event on US-61 S @ MM 148.4 (near Welton).
	11/25 11:05 PM	290068	I-80		1		3 hr 47 m	3+ vehicle crash event on I-80 E @ MM 7.5 in Council Bluffs.
Emergency Repairs (Avg Impact : 17 hr 57 m)								
	11/29 08:02 AM	290534	IA-92				2 days	Emergency repairs event on IA-92 W @ MM 182.1 in Oskaloosa.
Stalled Vehicle (Avg Impact : 57 min)								
	11/23 12:19 PM	289798	I-380				19 hr 18 m	Stalled vehicle event on RAMP: JUHL DRIVE NORTHEAST S TO I-380S @ 0.14 in Cedar Rapids.
Vehicle Fire (Avg Impact : 1 hr 9 m)								
	11/14 11:36 PM	288679	US-20			1	4 hr 25 m	Vehicle fire event on US-20 E @ MM 25.3 (near Pierson).