



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

May 2024

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

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
April	May
4,025	4,048

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
April	May
7	7

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
April	May
140	161

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
April	May
228	353

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
April	May
54 min	1 hr 11 m

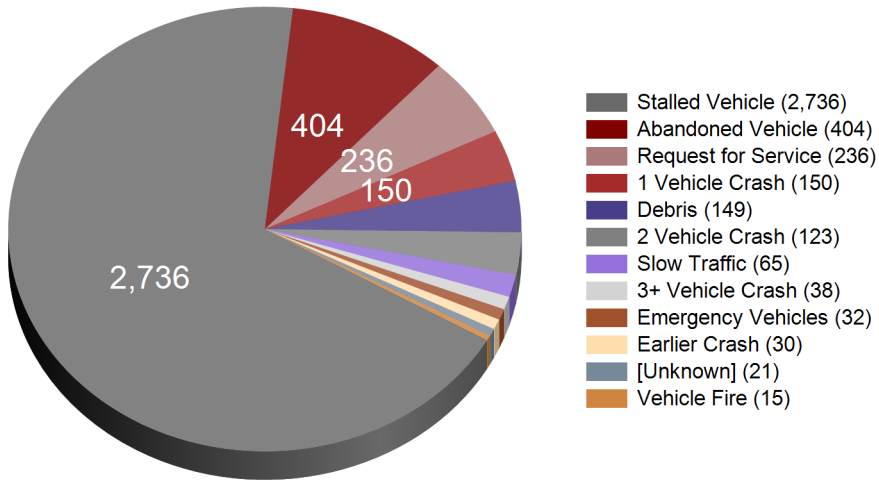
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
April	May
1,282	1,328

* - excludes roadwork

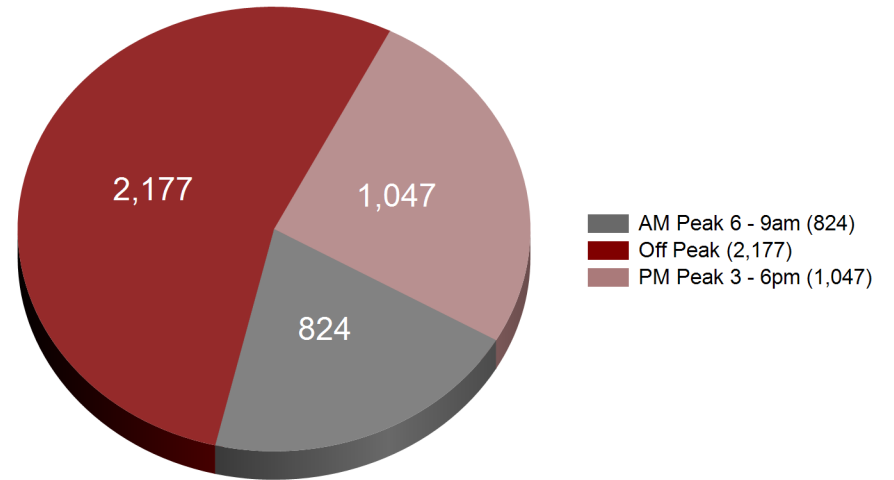
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

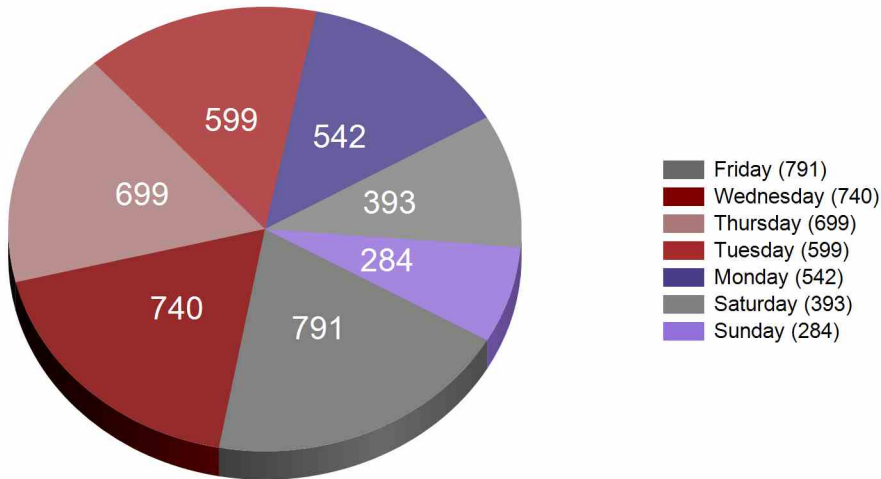
Incidents By Type



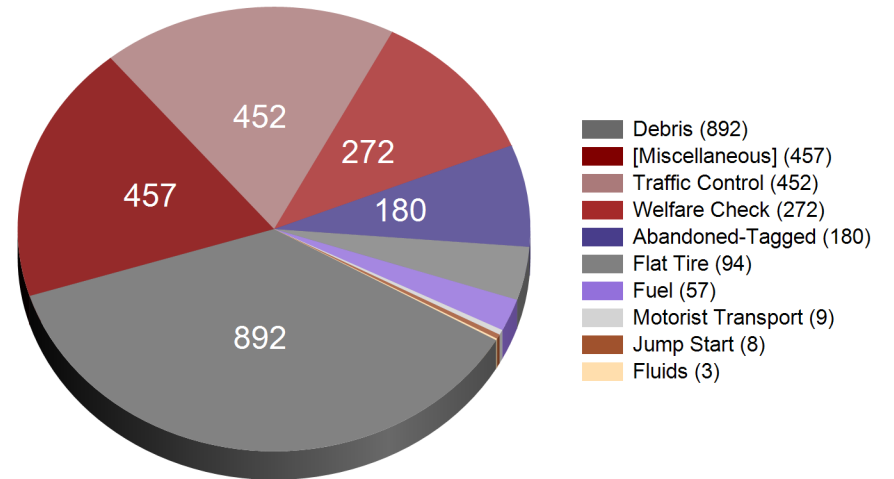
Incidents By Shift



Incidents By Day



Highway Helper Response

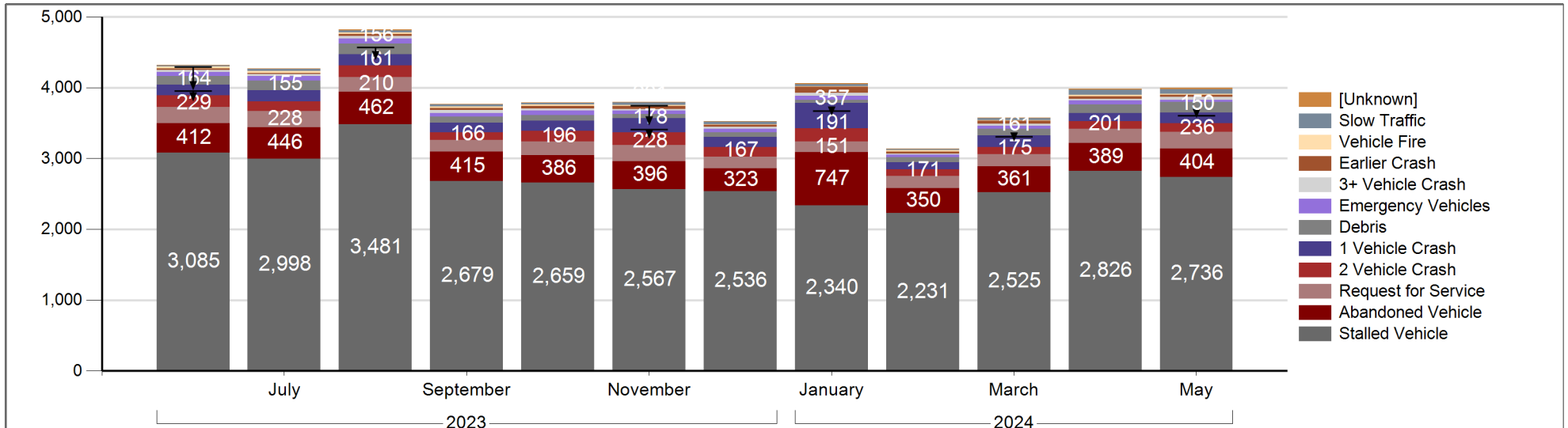


INCIDENT TOTALS BY TYPE

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	2,736	68%	28 min	1,213	113	43	401	51	915
Abandoned Vehicle	404	10%	17 min	207	7	5	45	3	137
Request for Service	236	6%		63	28	38	34	21	52
1 Vehicle Crash	150	4%	1 hr 22 m	43	7	10	29	12	49
Debris	149	4%	58 min	66	8	15	7	7	46
2 Vehicle Crash	123	3%	1 hr 12 m	63	6	4	11	8	31
Slow Traffic	65	2%		29	0	0	3	0	33
3+ Vehicle Crash	38	0.94%	41 min	27	0	1	0	2	8
Emergency Vehicles	32	0.79%	56 min	15	1	0	9	0	7
Earlier Crash	30	0.74%		9	2	1	4	5	9
[Unknown]	21	0.52%	19 hr 9 m	1	0	3	0	15	2
Flooding	15	0.37%	14 hr 34 m	8	6	0	0	0	1
Total	3,999	100%	1 hr 39 m	1,744	178	120	543	124	1,290

* - Totals include Highway Helper Incidents

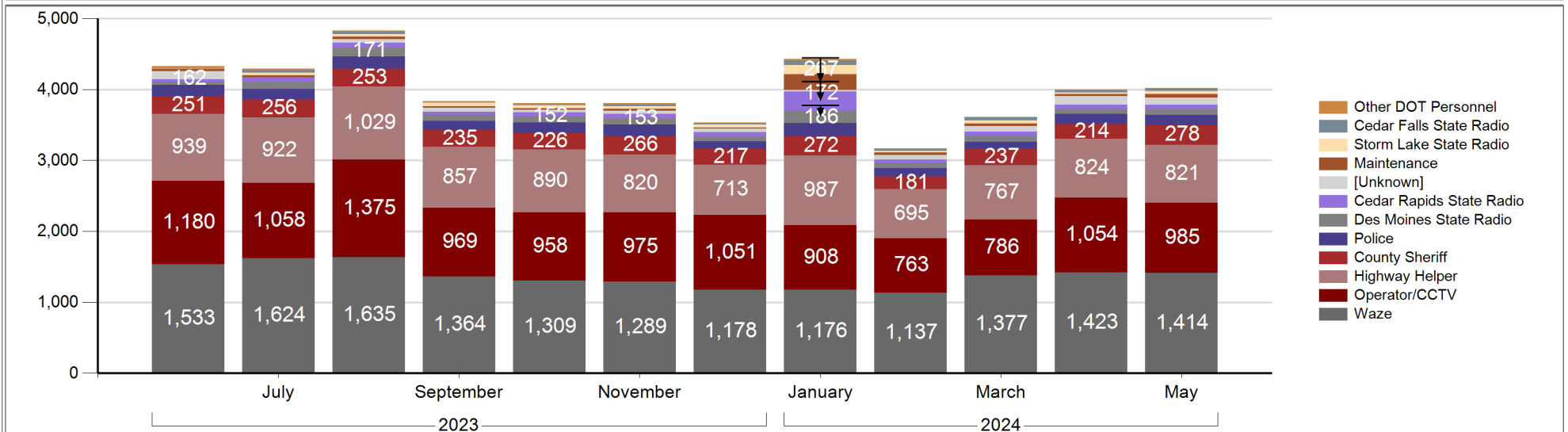


INCIDENT TOTALS BY DETECTION TYPE

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	1,414	35%	662	56	40	171	39	446
Operator/CCTV	985	24%	442	48	9	160	28	298
Highway Helper	821	20%	327	1	0	121	3	369
County Sheriff	278	7%	72	28	49	30	35	64
Police	144	4%	104	2	10	7	1	20
Other	132	3%	49	19	4	16	2	42
Des Moines State Radio	76	2%	66	0	0	4	6	0
Cedar Rapids State Radio	63	2%	5	0	0	0	5	53
Maintenance	51	1%	20	7	2	8	5	9
Storm Lake State Radio	42	1%	0	0	7	35	0	0
Cedar Falls State Radio	24	0.59%	4	17	0	0	0	3
Other DOT Personnel	18	0.44%	12	1	2	0	3	0
Total	4,048	100%	1,763	179	123	552	127	1,304

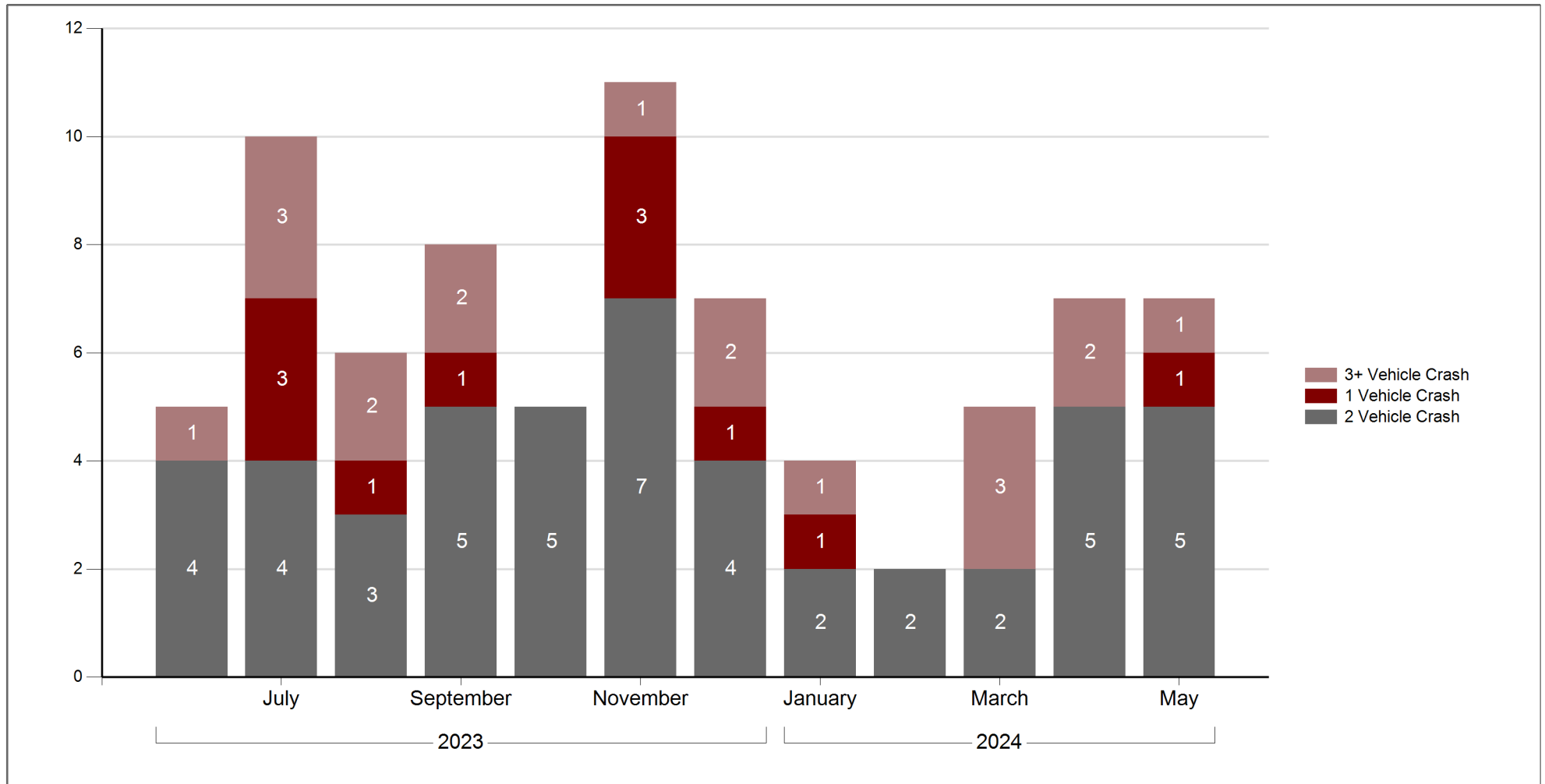
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

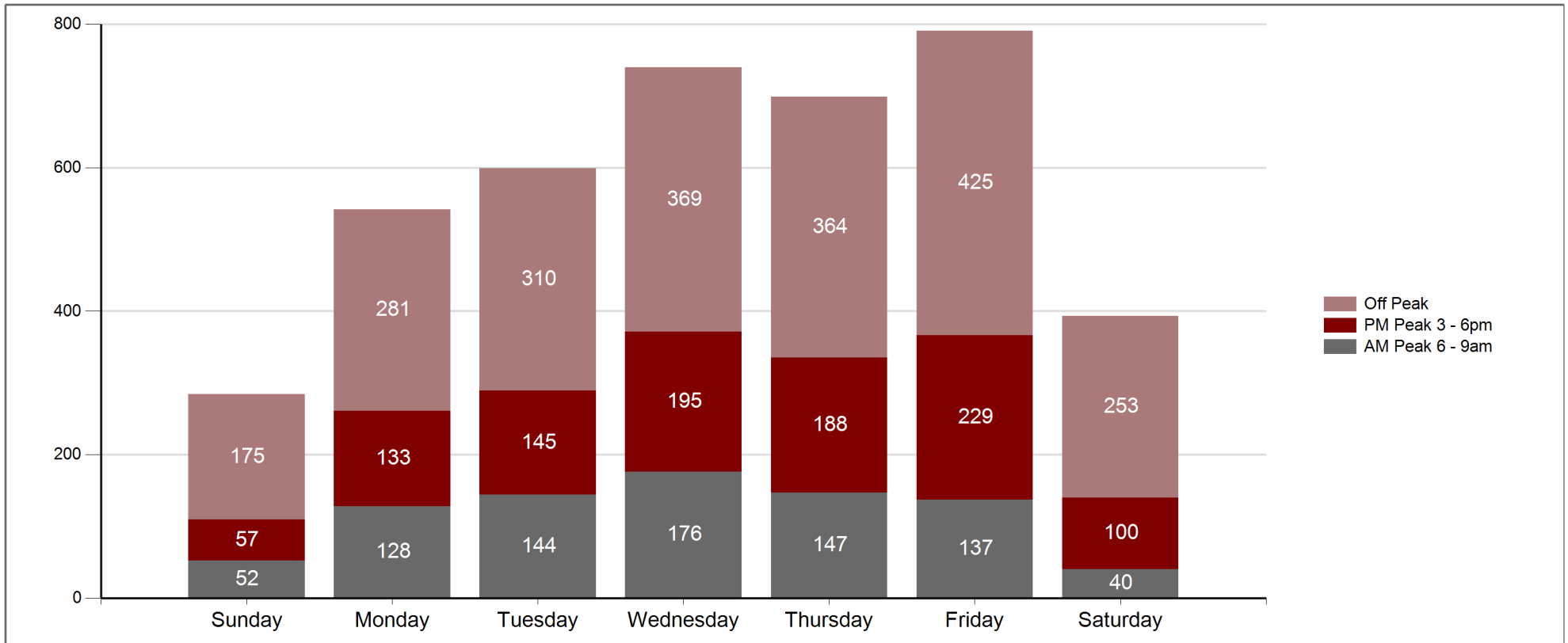
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	71%	2 hr 7 m	4	0	0	1	0	0
1 Vehicle Crash	1	14%		0	0	0	1	0	0
3+ Vehicle Crash	1	14%		1	0	0	0	0	0
Total	7	100%	2 hr 7 m	5	0	0	2	0	0



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.

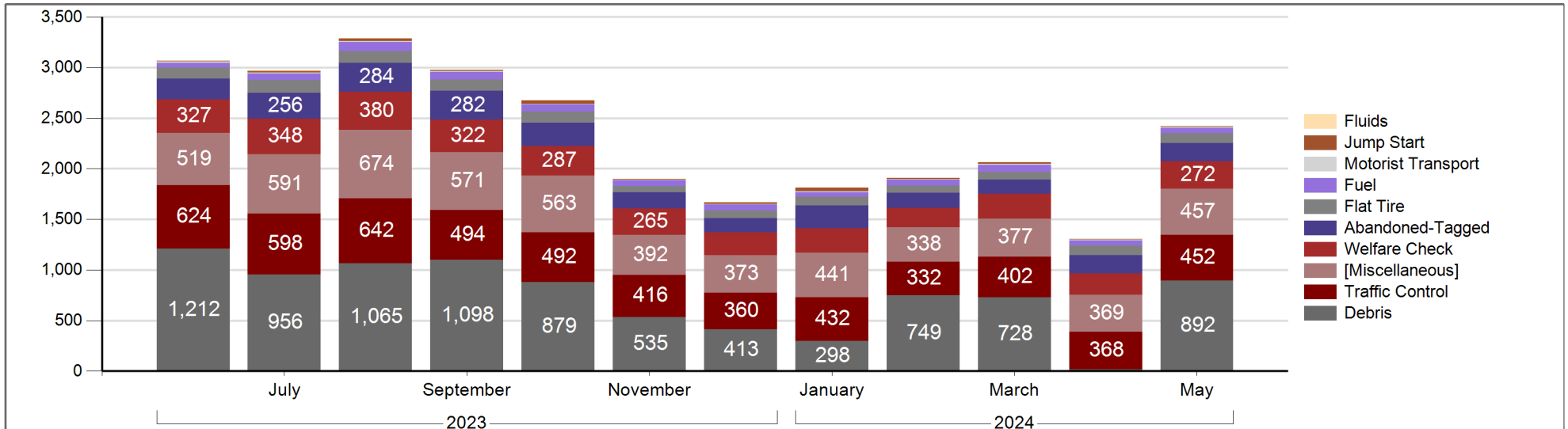
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	791	20%	1 hr 31 m	315	32	30	93	30	291
Wednesday	740	18%	1 hr 25 m	344	33	13	96	23	231
Thursday	699	17%	2 hr 21 m	290	26	17	102	14	250
Tuesday	599	15%	2 hr 7 m	245	41	24	79	20	190
Monday	542	13%	51 min	245	22	17	86	14	158
Saturday	393	10%	21 min	191	11	10	64	9	108
Sunday	284	7%	2 hr 3 m	133	14	12	32	17	76
Total	4,048	100%	1 hr 31 m	1,763	179	123	552	127	1,304



HIGHWAY HELPER RESPONSES

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

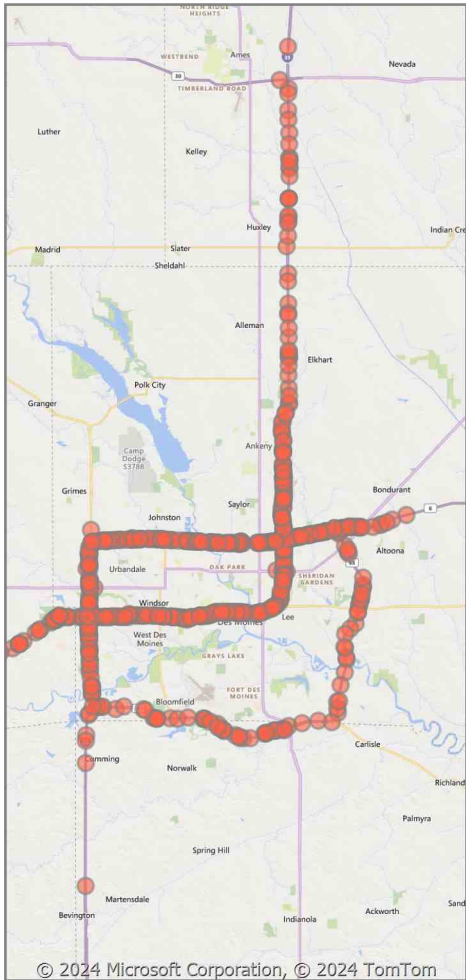
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	892	37%	28 min	289	141	151	311
[Miscellaneous]	457	19%	30 min	153	79	138	87
Traffic Control	452	19%	27 min	140	70	176	66
Welfare Check	272	11%	12 min	85	40	92	55
Abandoned-Tagged	180	7%		78	36	28	38
Flat Tire	94	4%		26	28	24	16
Fuel	57	2%	4 min	16	6	18	17
Motorist Transport	9	0.37%	46 min	2	0	5	2
Jump Start	8	0.33%		4	0	2	2
Fluids	3	0.12%		1	0	1	1
Total	2,424	100%	27 min	794	400	635	595



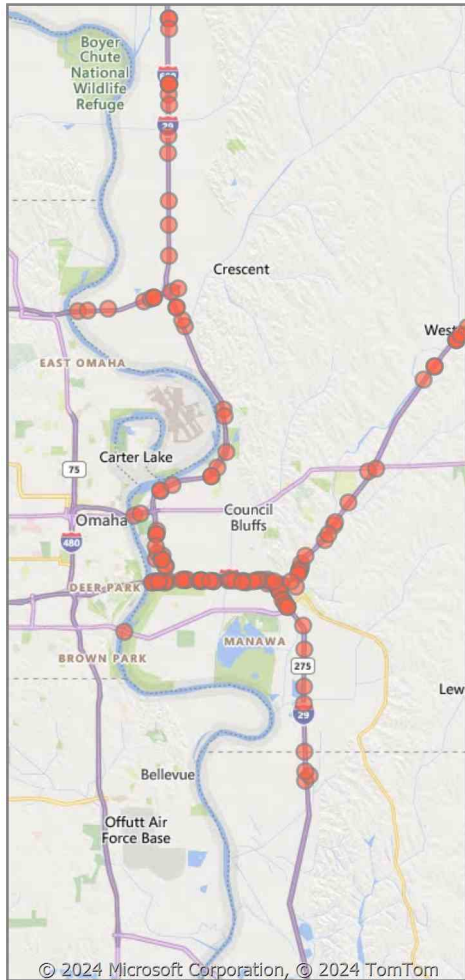
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



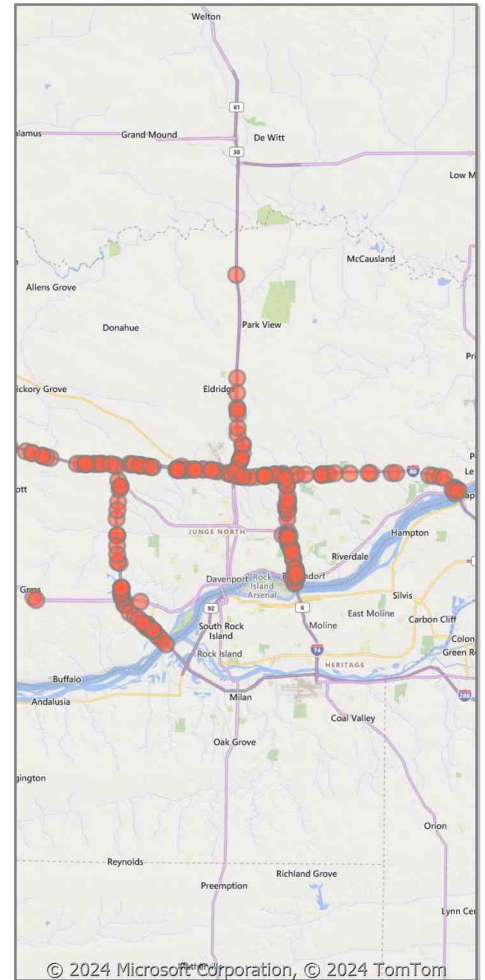
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

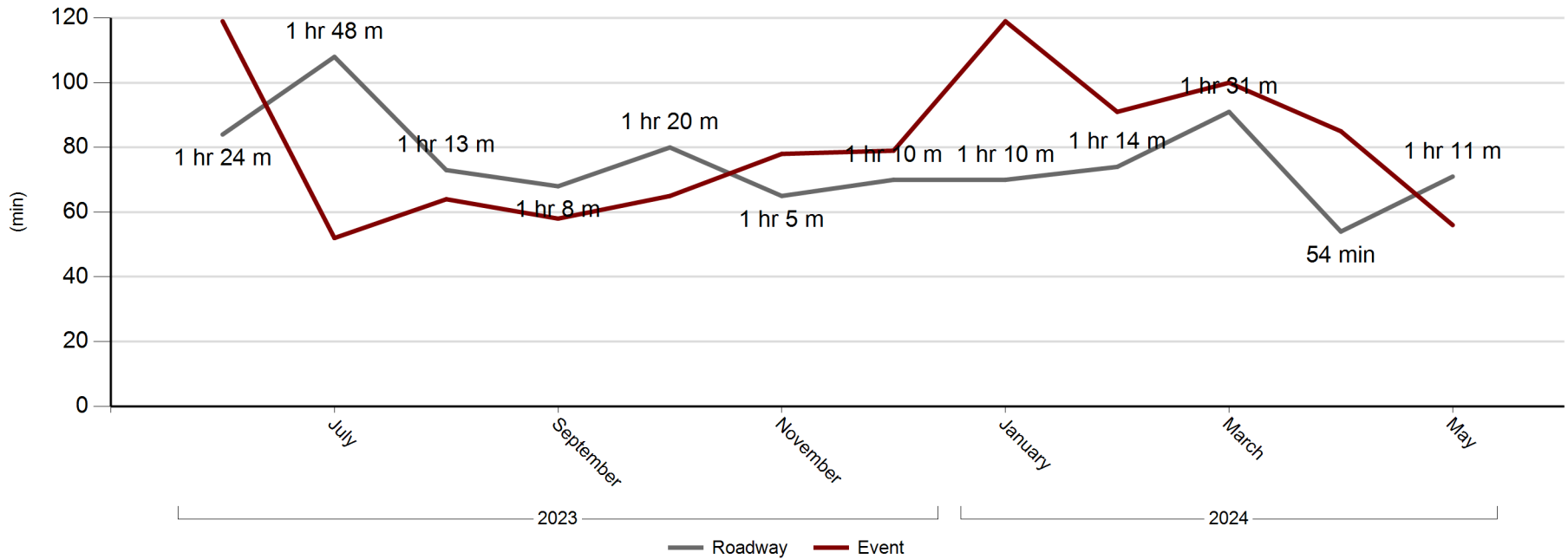


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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	56 min	54 min	27 min	11 min	2 hr 3 m	45 min	42 min
	Federal	36 min	1 hr 5 m	42 min		1 min	23 min	37 min
	Interstate	1 hr 2 m	55 min	23 min	11 min	2 hr 27 m	1 hr 31 m	49 min
	State	15 min	16 min					15 min
Roadway	All	1 hr 11 m	58 min	58 min	2 hr 13 m	1 hr 54 m	2 hr 1 m	42 min
	Federal	1 hr 26 m	1 hr 44 m	1 hr 30 m	18 min	1 hr 6 m	1 hr 55 m	1 hr 7 m
	Interstate	1 hr 4 m	49 min	32 min	3 hr 3 m	2 hr 7 m	1 hr 22 m	37 min
	State	1 hr 37 m	21 min		1 hr 58 m		3 hr 39 m	30 min

All Roads (Interstate / Federal / State)

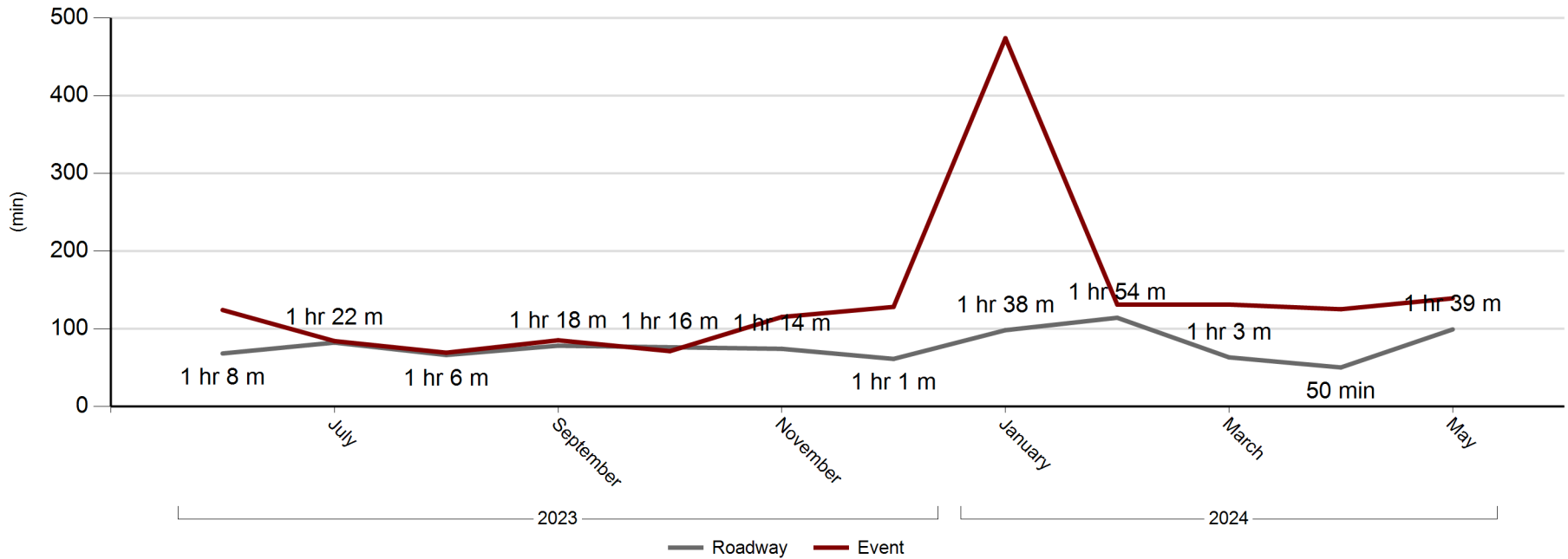


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 19 m	1 hr 34 m	27 min	1 hr 59 m	5 hr 29 m	33 min	3 hr 25 m
	Federal	3 hr 9 m	1 hr 5 m	42 min	3 hr 47 m	12 hr 3 m	23 min	4 hr 30 m
	Interstate	2 hr 4 m	1 hr 49 m	23 min	11 min	3 hr 37 m	33 min	2 hr 35 m
	State	2 hr 39 m	30 min				55 min	6 hr 51 m
Roadway	All	1 hr 39 m	59 min	1 hr 40 m	2 hr 47 m	2 hr 26 m	2 hr 44 m	1 hr 44 m
	Federal	1 hr 44 m	1 hr 37 m	1 hr 7 m	1 hr 55 m	1 hr 17 m	4 hr 2 m	1 hr 9 m
	Interstate	1 hr 1 m	33 min	24 min	2 hr 53 m	2 hr 46 m	56 min	40 min
	State	4 hr 4 m	2 hr 17 m	3 hr 20 m	3 hr 2 m		2 hr 34 m	11 hr 24 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 22 m)								
	05/14 10:08 AM	312414	IA-60		1	1	3 hr 48 m	Single vehicle crash event on IA-60 S @ MM 22.9 (near Hospers).
	05/15 11:09 PM	312662	I-29			1	9 hr 16 m	Single vehicle crash event on I-29 S @ MM 122 (near Whiting).
	05/17 08:18 AM	312866	US-65		1	1	7 hr 48 m	Single vehicle crash event on US-65 N @ MM 63.8 (near Indianola).
	05/21 02:57 PM	313475	I-80			1	5 hr 19 m	Single vehicle crash event on I-80 W @ MM 47.4 (near Walnut).
	05/30 09:34 PM	314602	I-35				5 hr 22 m	Single vehicle crash event on I-35 N @ MM 99.9 (near Alleman).
	05/30 06:51 PM	314590	I-80			1	4 hr 5 m	Single vehicle crash event on I-80 E @ MM 27.5 (near Minden).
	05/21 05:07 PM	313496	I-35			1	4 hr 19 m	Single vehicle crash event on I-35 S @ MM 99.3 (near Alleman).
	05/24 02:51 AM	313840	I-29			1	3 hr 58 m	Single vehicle crash event on I-29 N @ MM 112 (near Onawa).
2 Vehicle Crash (Avg Impact : 1 hr 12 m)								
	05/10 06:11 PM	312007	US-61	1			3 hr 1 m	2 vehicle crash event on US-61 N @ MM 31.8 (near Burlington).
	05/16 09:19 AM	312706	I-80	1	1	1	4 hr 53 m	2 vehicle crash event on I-80 E @ MM 13 (near McClelland).
	05/17 08:34 AM	312867	IA-15			1	5 hr 7 m	2 vehicle crash event on IA-15 N @ MM 16.1 (near Ottosen).
	05/17 02:41 PM	312915	IA-163		2	1	5 hr 7 m	2 vehicle crash event on IA-163 E @ MM 45.4 (near Pella).
	05/21 04:07 PM	313484	I-80	1		1	4 hr 7 m	2 vehicle crash event on I-80 W @ MM 48.5 (near Walnut).
	05/21 07:01 PM	313514	US-69		4	1	4 hr 51 m	2 vehicle crash event on US-69 N @ MM 165.3 (near Galt).
	05/24 05:29 AM	313850	I-35			2	4 hr 50 m	2 vehicle crash event on I-35 S @ MM 138.9 (near Ellsworth).
	05/29 08:56 AM	314398	US-65	1			3 hr 3 m	2 vehicle crash event on US-65 N @ MM 106.5 (near Collins).
	05/29 03:53 PM	314442	US-61		4		4 hr 26 m	2 vehicle crash event on US-61 N @ MM 88.8 (near Muscatine).
3+ Vehicle Crash (Avg Impact : 41 min)								
	05/22 08:05 AM	313574	I-35	1	1	1	2 hr 3 m	3+ vehicle crash event on I-35 S @ MM 105.9 (near Huxley).
Debris (Avg Impact : 58 min)								
	05/21 08:19 PM	313525	US-30				8 hr 4 m	Debris event on US-30 E @ MM 280 in Stanwood.
	05/24 12:43 AM	313833	I-29				19 hr 45 m	Debris event on I-29 S @ MM 143.1 (near Sergeant Bluff).
	05/24 05:25 AM	313849	IA-4				16 hr 52 m	Debris event on IA-4 N @ MM 63.6 (near Rockwell City).
	05/24 07:04 AM	313858	IA-21				4 hr 43 m	Debris event on IA-21 N @ MM 11.3 in Delta.
	05/24 03:34 AM	313842	IA-175				5 hr 7 m	Debris event on IA-175 E @ MM 24 (near Castana).

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Emergency Repairs (Avg Impact : 9 hr 12 m)								
	05/21 03:33 PM	313478	I-80				23 hr 46 m	Emergency repairs event on I-80 W @ MM 5.1 in Council Bluffs.
Emergency Vehicles (Avg Impact : 56 min)								
	05/22 08:20 AM	313581	IA-141				7 hr 32 m	Emergency vehicles event on IA-141 E/W @ MM 154.3 in Grimes.
Flooding (Avg Impact : 14 hr 34 m)								
	05/23 10:45 PM	313830	IA-21				3 days	Flooding event on IA-21 N @ MM 55.3 (near Belle Plaine).
Stalled Vehicle (Avg Impact : 28 min)								
	05/01 05:08 AM	310599	I-80			1	2 hr 53 m	Stalled vehicle event on RAMP: PARKSIDE DRIVE N TO I-80W (near West Branch).
	05/21 12:27 PM	313459	US-30				3 hr 14 m	Stalled vehicle event on US-30 W @ MM 10 in Missouri Valley.
	05/20 01:19 PM	313286	IA-965			1	2 hr 37 m	Stalled vehicle event on IA-965 S @ MM 0.3 in Coralville.
Towing Operation (Avg Impact : 3 hr 18 m)								
	05/07 05:48 PM	311501	I-80			1	16 hr 54 m	Towing operation event on I-80 W @ MM 44.6 (near Walnut).
Vehicle Fire (Avg Impact : 1 hr 48 m)								
	05/06 03:15 AM	311205	US-20			1	4 hr 56 m	Vehicle fire event on US-20 W @ MM 162 (near Buckeye).
	05/14 08:59 AM	312399	US-20			1	8 hr 11 m	Vehicle fire event on US-20 E @ MM 5 (near Sioux City).