



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

January 2023

This report contains statistical and operational data for TMC activities from the period of January 01, 2023 to January 31, 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
December	January	December	January	December	January
<b>4,390</b>	<b>3,766</b>	<b>5</b>	<b>8</b>	<b>267</b>	<b>159</b>

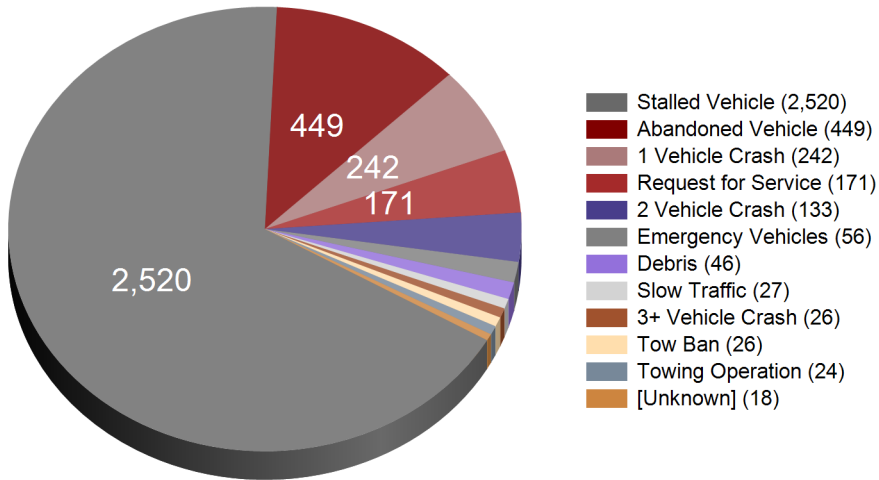
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
December	January	December	January	December	January
<b>453</b>	<b>279</b>	<b>57 min</b>	<b>1 hr 14 m</b>	<b>1,282</b>	<b>1,195</b>

\* - excludes roadwork

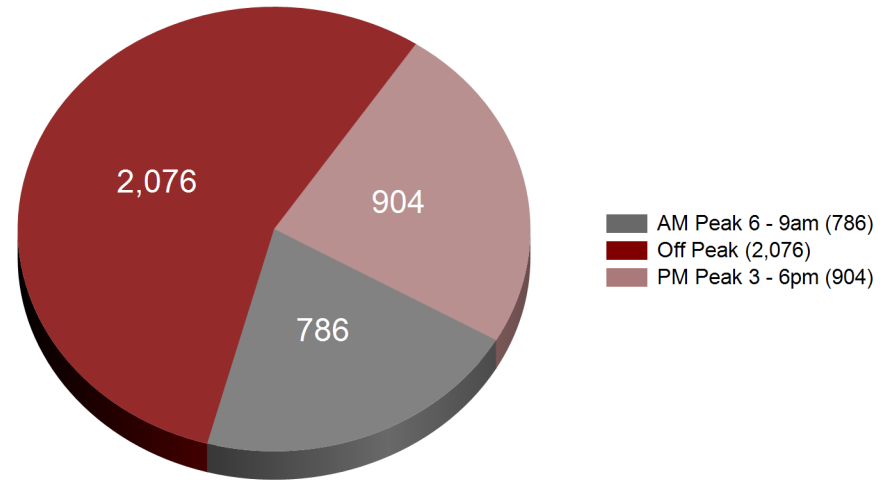
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

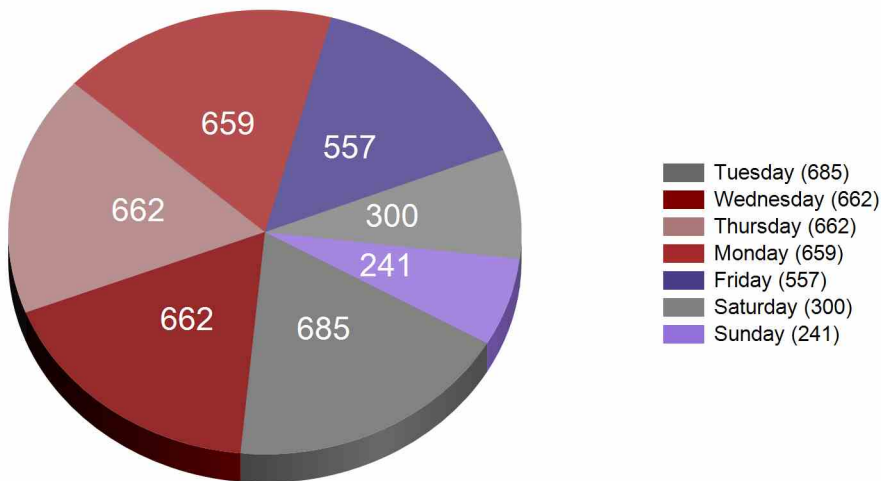
Incidents By Type



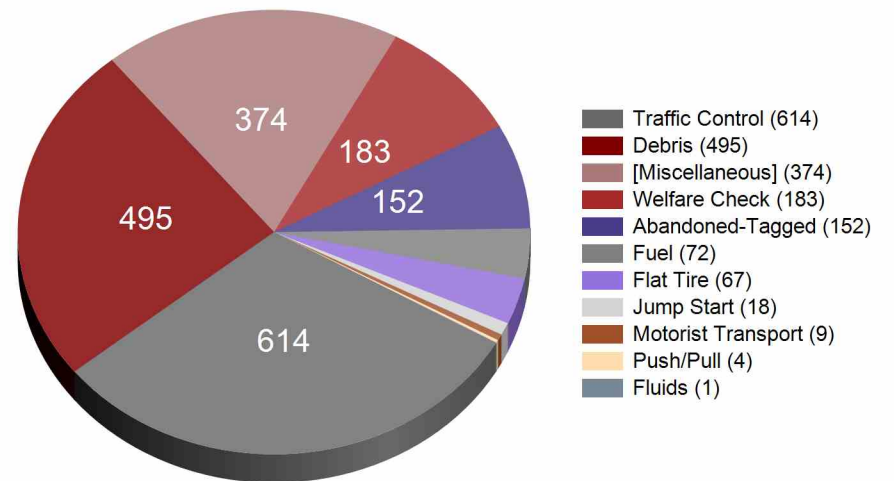
Incidents By Shift



Incidents By Day



Highway Helper Response

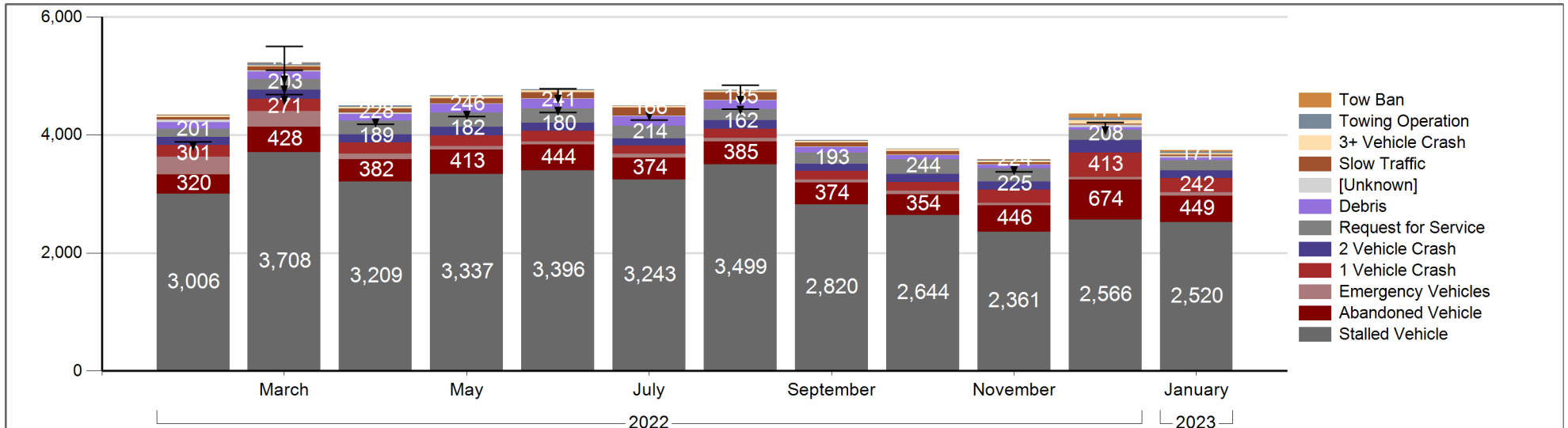


### INCIDENT TOTALS BY TYPE

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	2,520	67%	41 min	1,206	100	38	269	38	869
Abandoned Vehicle	449	12%	11 min	225	7	10	41	4	162
1 Vehicle Crash	242	6%	1 hr 12 m	102	15	18	40	14	53
Request for Service	171	5%	6 min	45	24	21	28	21	32
2 Vehicle Crash	133	4%	1 hr 9 m	60	7	14	12	5	35
Emergency Vehicles	56	1%	1 hr 14 m	25	3	6	7	1	14
Debris	46	1%	19 min	23	1	1	4	0	17
Slow Traffic	27	0.72%		17	0	0	5	0	5
3+ Vehicle Crash	26	0.69%	1 hr 48 m	9	3	0	2	2	10
Tow Ban	26	0.69%		0	0	0	0	0	0
Towing Operation	24	0.64%	3 hr 24 m	9	2	1	5	2	5
[Unknown]	18	0.48%	13 min	7	0	0	4	0	2
<b>Total</b>	<b>3,738</b>	<b>100%</b>	<b>1 hr 17 m</b>	<b>1,728</b>	<b>162</b>	<b>109</b>	<b>417</b>	<b>87</b>	<b>1,204</b>

\* - Totals include Highway Helper Incidents

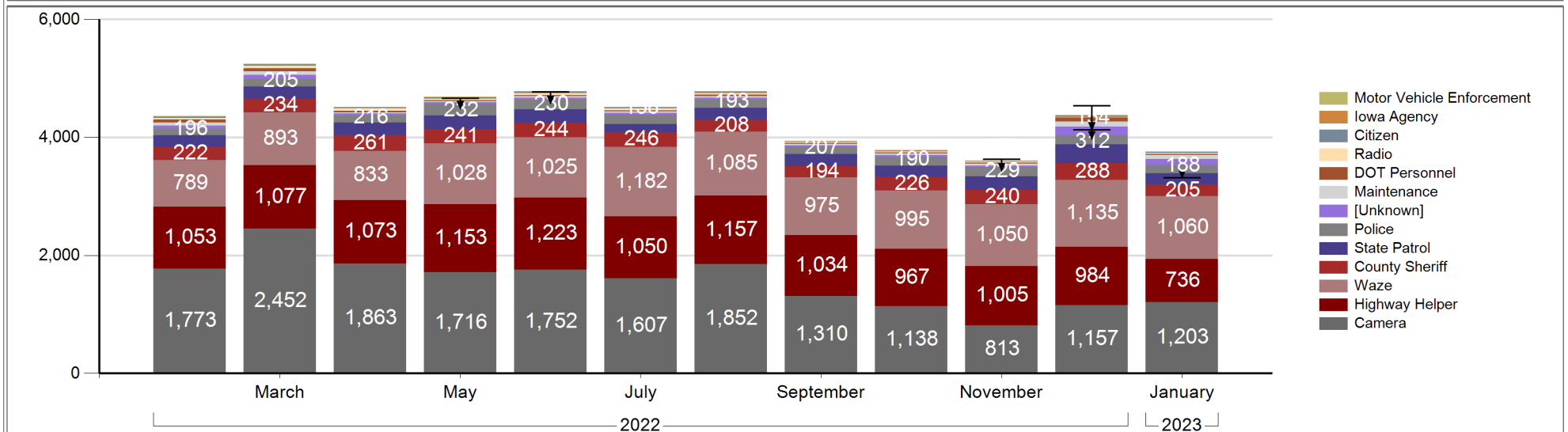


### INCIDENT TOTALS BY DETECTION TYPE

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*
Camera	1,203	32%	605	81	16	105	11	385
Waze	1,060	28%	557	30	37	101	19	316
Highway Helper	736	20%	274	0	0	111	6	345
County Sheriff	205	5%	61	36	25	23	16	44
State Patrol	188	5%	68	5	14	46	20	35
Police	131	3%	73	2	9	3	4	40
Other	111	3%	31	2	5	18	6	18
Maintenance	66	2%	31	6	2	5	1	21
DOT Personnel	25	0.66%	15	0	0	3	2	5
Iowa Agency	14	0.37%	6	0	1	3	2	2
Radio	14	0.37%	9	0	1	2	1	1
Citizen	13	0.35%	9	0	0	1	0	3
<b>Total</b>	<b>3,766</b>	<b>100%</b>	<b>1,739</b>	<b>162</b>	<b>110</b>	<b>421</b>	<b>88</b>	<b>1,215</b>

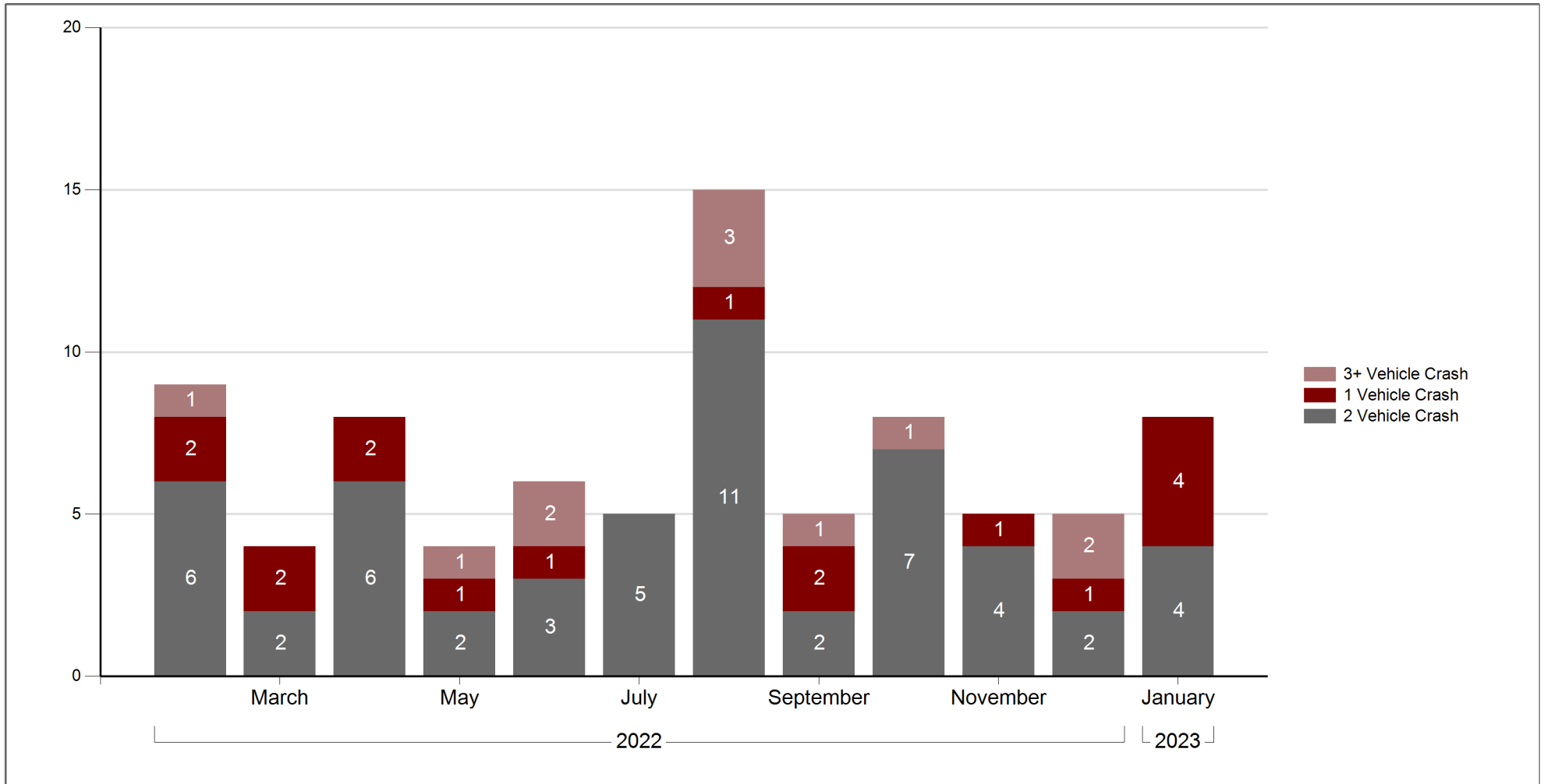
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

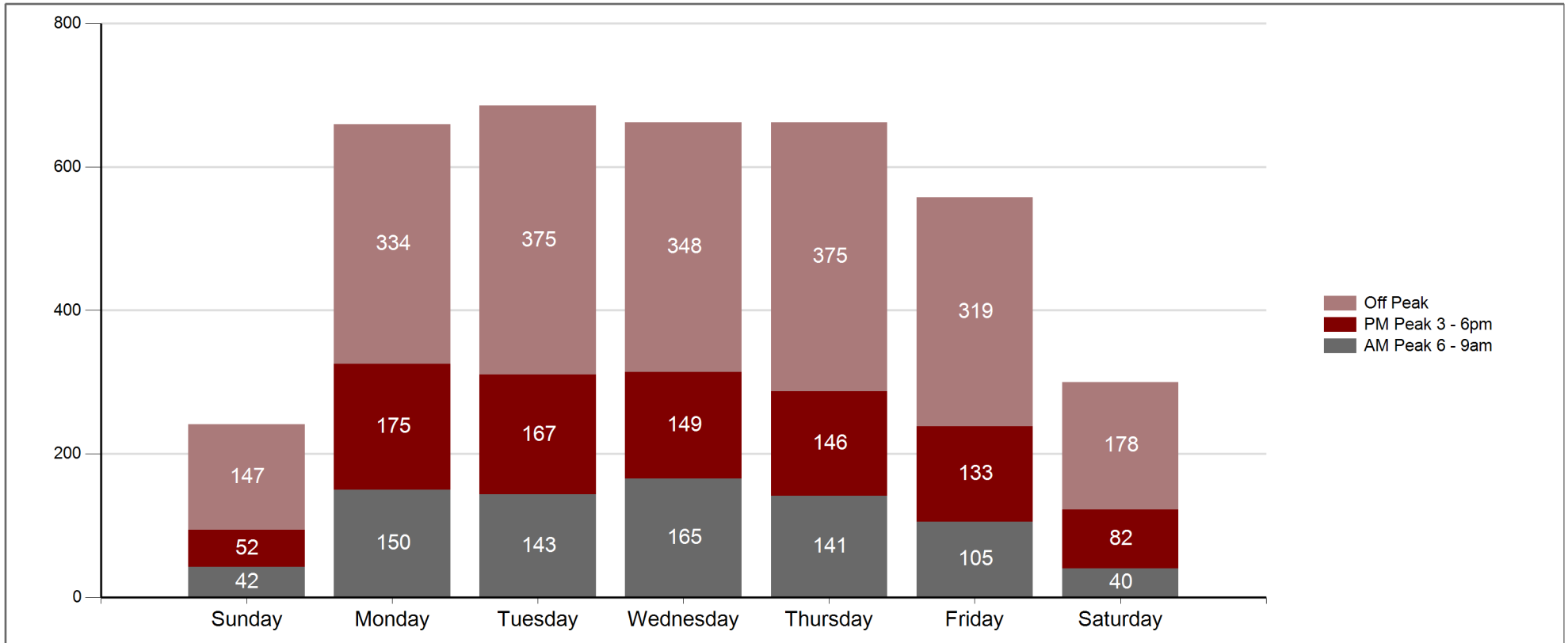
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
1 Vehicle Crash	4	50%	1 hr 38 m	2	0	1	0	0	1
2 Vehicle Crash	4	50%	31 min	3	0	1	0	0	0
Total	8	100%	44 min	5	0	2	0	0	1



### 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.

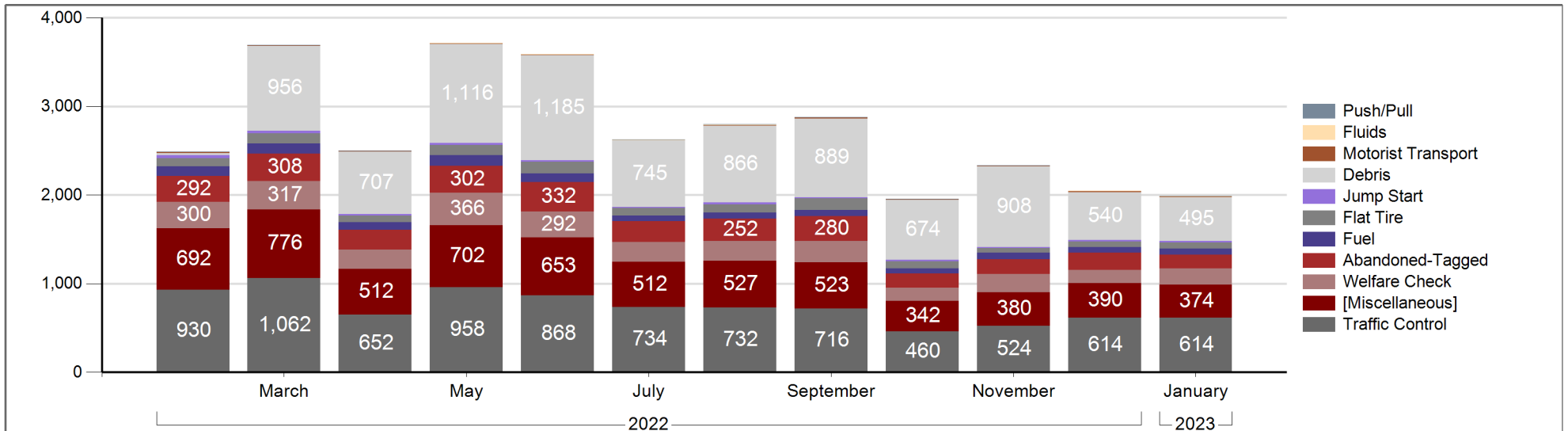
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	685	18%	1 hr 17 m	322	32	21	78	16	215
Thursday	662	18%	1 hr 17 m	308	28	16	60	9	239
Wednesday	662	18%	1 hr 8 m	286	21	20	73	22	219
Monday	659	17%	39 min	302	19	16	80	12	230
Friday	557	15%	1 hr 17 m	255	36	19	62	12	173
Saturday	300	8%	1 hr 4 m	151	17	11	29	13	72
Sunday	241	6%	3 hr 9 m	115	9	7	39	4	67
<b>Total</b>	<b>3,766</b>	<b>100%</b>	<b>1 hr 17 m</b>	<b>1,739</b>	<b>162</b>	<b>110</b>	<b>421</b>	<b>88</b>	<b>1,215</b>



### HIGHWAY HELPER RESPONSES

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

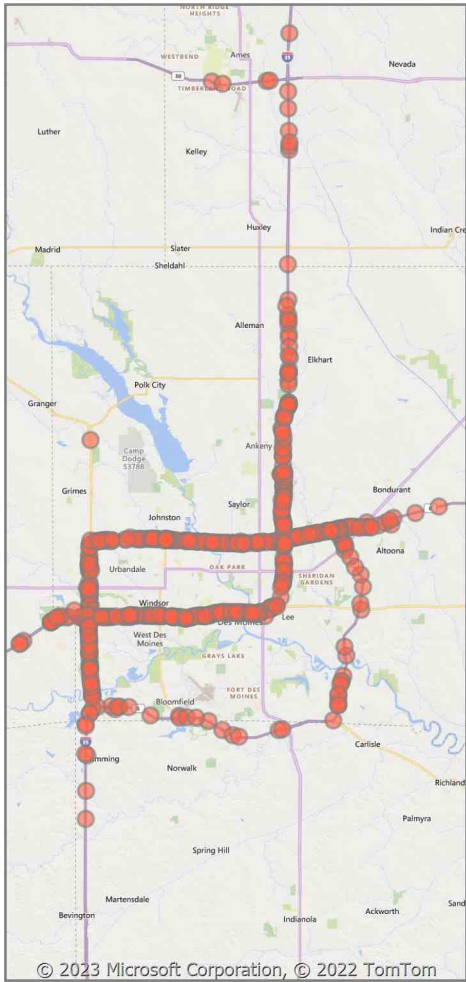
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Traffic Control	614	31%	55 min	220	88	102	102
Debris	495	25%	17 min	270	24	39	161
[Miscellaneous]	374	19%	50 min	140	52	57	65
Welfare Check	183	9%	26 min	86	26	20	30
Abandoned-Tagged	152	8%		70	12	8	36
Fuel	72	4%		38	6	10	14
Flat Tire	67	3%	12 min	38	6	11	6
Jump Start	18	0.90%	44 min	6	2	0	6
Motorist Transport	9	0.45%	6 min	1	2	1	2
Push/Pull	4	0.20%		3	0	0	1
Fluids	1	0.05%		1	0	0	0
<b>Total</b>	<b>1,989</b>	<b>100%</b>	<b>47 min</b>	<b>873</b>	<b>218</b>	<b>248</b>	<b>423</b>



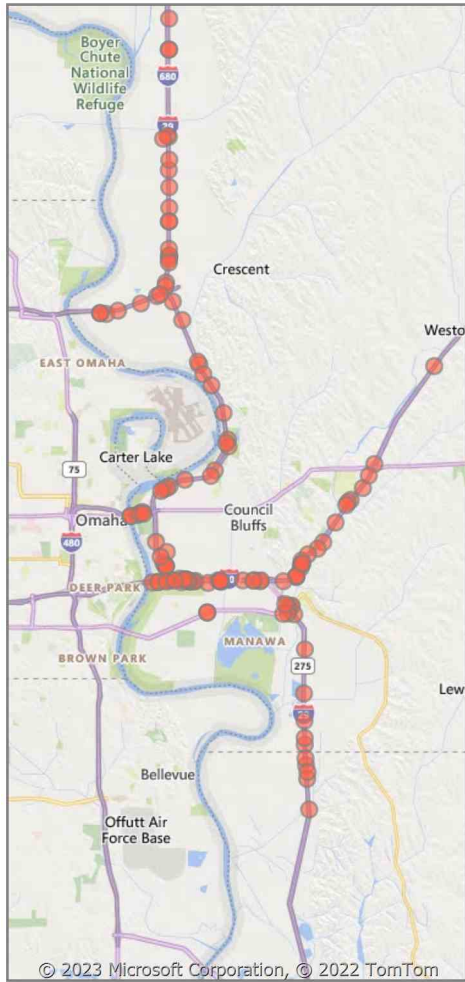
**HIGHWAY HELPER ASSIST BY LOCATION**

Highway Helper detected incidents and response locations.

**DES MOINES**



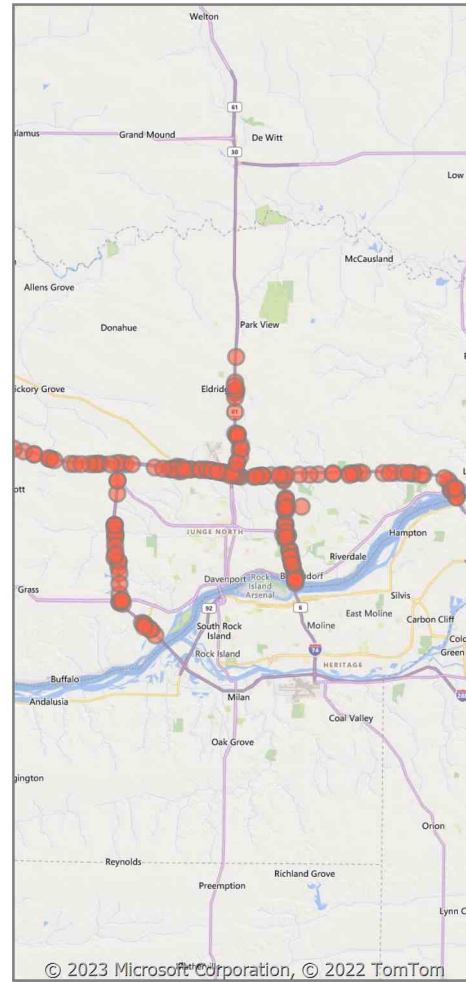
**COUNCIL BLUFFS**



**CEDAR RAPIDS / IOWA CITY**



**DAVENPORT**



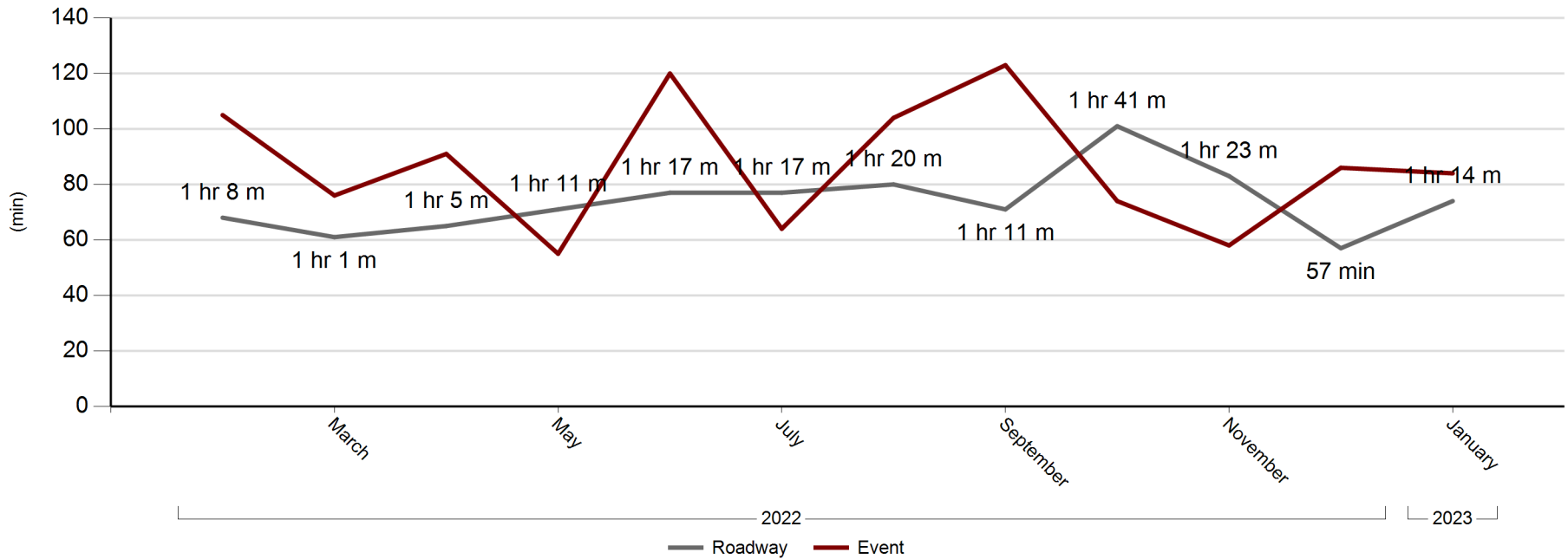


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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	<b>1 hr 24 m</b>	52 min		1 hr 15 m	3 hr 18 m	1 hr 38 m	1 hr 37 m
	Federal	52 min	1 hr 38 m		17 min	28 min	1 hr 38 m	32 min
	Interstate	1 hr 30 m	48 min		1 hr	4 hr 7 m		1 hr 51 m
	State	1 hr 20 m	42 min		4 hr 52 m	23 min		
Roadway	All	<b>1 hr 14 m</b>	54 min	58 min	1 hr 42 m	1 hr 2 m	3 hr 16 m	1 hr 22 m
	Federal	1 hr 20 m	1 hr 7 m	1 hr 2 m	1 hr 34 m	6 min	3 hr 41 m	42 min
	Interstate	1 hr 6 m	51 min	51 min	1 hr 8 m	1 hr 11 m	1 hr 28 m	1 hr 35 m
	State	1 hr 47 m	53 min		2 hr 43 m	24 min	7 hr 26 m	1 hr 13 m

All Roads (Interstate / Federal / State)

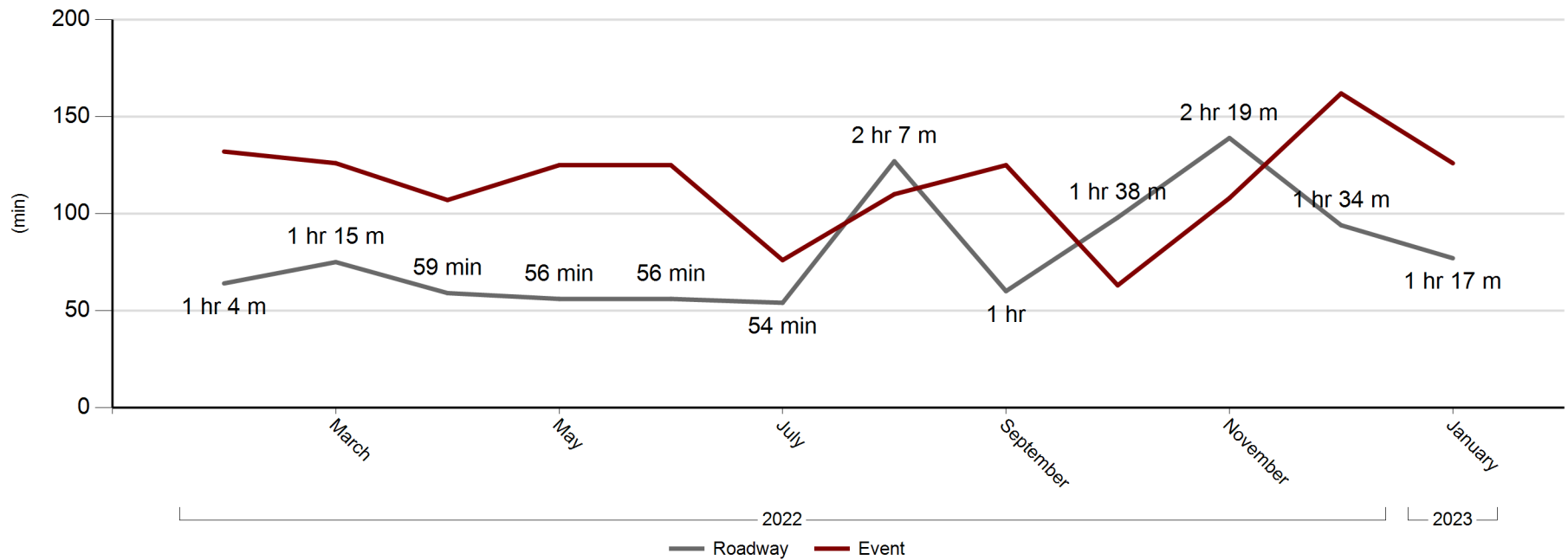


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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	<b>2 hr 6 m</b>	2 hr 51 m	1 hr 5 m	1 hr 15 m	2 hr 4 m	1 hr 38 m	1 hr 4 m
	Federal	55 min	1 hr 43 m	1 hr 15 m	17 min	34 min	1 hr 38 m	27 min
	Interstate	2 hr 11 m	2 hr 42 m		1 hr	2 hr 52 m		1 hr 13 m
	State	2 hr 58 m	4 hr 44 m	56 min	4 hr 52 m	36 min		29 min
Roadway	All	<b>1 hr 17 m</b>	1 hr	58 min	1 hr 40 m	2 hr 4 m	3 hr 4 m	1 hr 6 m
	Federal	1 hr 15 m	55 min	52 min	1 hr 54 m	52 min	2 hr 46 m	51 min
	Interstate	1 hr 10 m	44 min	48 min	55 min	2 hr 25 m	2 hr 33 m	1 hr 12 m
	State	2 hr 2 m	2 hr 32 m	1 hr 23 m	1 hr 57 m	36 min	7 hr 26 m	49 min

All Roads (Interstate / Federal / State)



**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
<b>1 Vehicle Crash (Avg Impact : 1 hr 12 m)</b>								
	01/04 09:53 PM	<a href="#">243245</a>	I-35			1	3 hr 32 m	Single vehicle crash event on I-35 N @ MM 145 (near Williams).
	01/12 11:21 AM	<a href="#">244167</a>	US-218			1	6 hr 40 m	Single vehicle crash event on US-218 N @ MM 36 (near Salem).
	01/12 02:18 AM	<a href="#">244099</a>	IA-92			1	7 hr 26 m	Single vehicle crash event on IA-92 W @ MM 248.5 (near Columbus Junction).
	01/22 08:35 AM	<a href="#">245487</a>	US-34			1	2 hr 45 m	Single vehicle crash event on US-34 W @ MM 229 (near Westwood).
	01/21 07:00 AM	<a href="#">245389</a>	US-169			1	2 hr 38 m	Single vehicle crash event on US-169 NB/SB @ MM 176.3 (near Humboldt).
<b>2 Vehicle Crash (Avg Impact : 1 hr 9 m)</b>								
	01/10 11:26 AM	<a href="#">243887</a>	I-380	1	1	1	3 hr 26 m	2 vehicle crash event on I-380 N @ MM 7.4 (near Shueyville).
	01/07 03:49 PM	<a href="#">243631</a>	I-29				2 hr 47 m	2 vehicle crash event on I-29 N @ MM 70.4 (near Missouri Valley).
	01/14 03:21 AM	<a href="#">244413</a>	I-80		1	1	4 hr 30 m	2 vehicle crash event on I-80 W @ MM 277.7 (near Durant).
	01/11 12:14 PM	<a href="#">244037</a>	US-20	1		1	2 hr 35 m	2 vehicle crash event on US-20 W @ MM 45.4 (near Holstein).
	01/18 06:28 AM	<a href="#">244817</a>	IA-141	1		1	5 hr 18 m	2 vehicle crash event on IA-141 EB/WB @ MM 92.4 (near Dedham).
	01/27 07:25 PM	<a href="#">246238</a>	US-71		1		6 hr 12 m	2 vehicle crash event on US-71 N @ MM 165.5 (near Lakeside).
	01/20 07:51 AM	<a href="#">245250</a>	IA-141	1		1	4 hr 52 m	2 vehicle crash event on IA-141 E @ MM 79.7 (near Manning).
<b>3+ Vehicle Crash (Avg Impact : 1 hr 48 m)</b>								
	01/08 05:35 AM	<a href="#">243660</a>	I-80	2		9	12 hr 52 m	3+ vehicle crash event on I-80 W @ MM 246.5 in Iowa City.
<b>Emergency Repairs (Avg Impact : 9 hr 56 m)</b>								
	01/31 07:06 AM	<a href="#">246655</a>	IA-163				1 day 2 hr 49 m	Emergency repairs event on IA-163 EB/WB @ MM 3.5 in Des Moines.
<b>Emergency Vehicles (Avg Impact : 1 hr 14 m)</b>								
	01/13 07:04 AM	<a href="#">244286</a>	IA-17				4 hr 3 m	Emergency vehicles event on IA-17 N/S @ MM 70.3 in Eagle Grove.
	01/15 12:00 AM	<a href="#">244455</a>	US-30				3 hr 22 m	Emergency vehicles event on US-30 E/W @ MM 63.9 in Vail.
	01/22 01:34 PM	<a href="#">245496</a>	US-18				7 hrs	Emergency vehicles event on US-18 E @ MM 80.7 in Spencer.
<b>Stalled Vehicle (Avg Impact : 41 min)</b>								
	01/09 03:29 PM	<a href="#">243781</a>	IA-141				2 hr 57 m	Stalled vehicle event on IA-141 E @ MM 151.7 in Grimes.
	01/14 05:18 AM	<a href="#">244414</a>	US-59			1	2 hr 8 m	Stalled vehicle event on US-59 S @ MM 9.3 (near Shenandoah).
	01/26 10:57 AM	<a href="#">246032</a>	US-30			1	3 hr 24 m	Stalled vehicle event on US-30 E @ MM 227.1 (near Van Horne).