



# TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

December 2022

This report contains statistical and operational data for TMC activities from the period of December 01, 2022 to December 31, 2022.

## 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
November	December	November	December	November	December
<b>3,614</b>	<b>4,390</b>	<b>5</b>	<b>5</b>	<b>162</b>	<b>267</b>

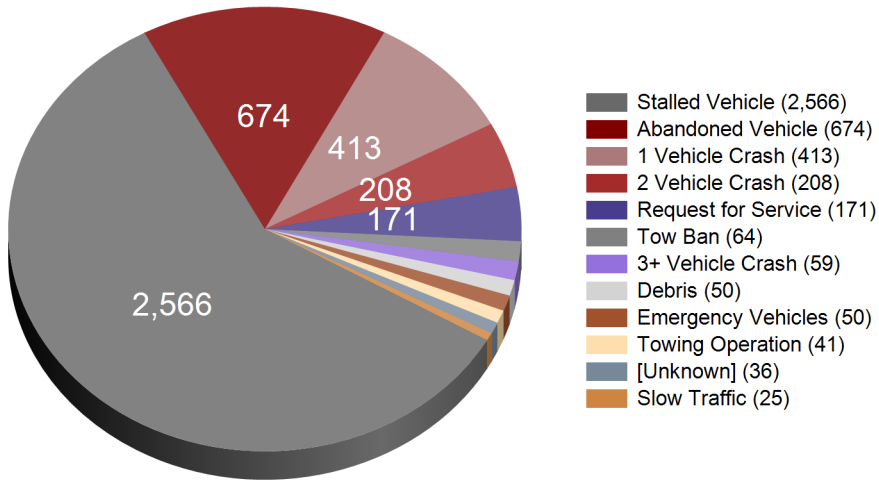
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
November	December	November	December	November	December
<b>246</b>	<b>453</b>	<b>1 hr 23 m</b>	<b>57 min</b>	<b>1,405</b>	<b>1,282</b>

\* - excludes roadwork

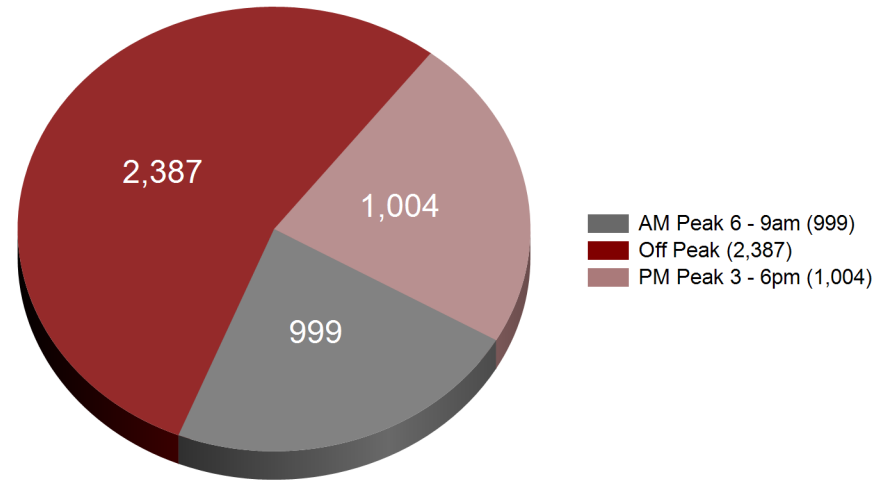
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

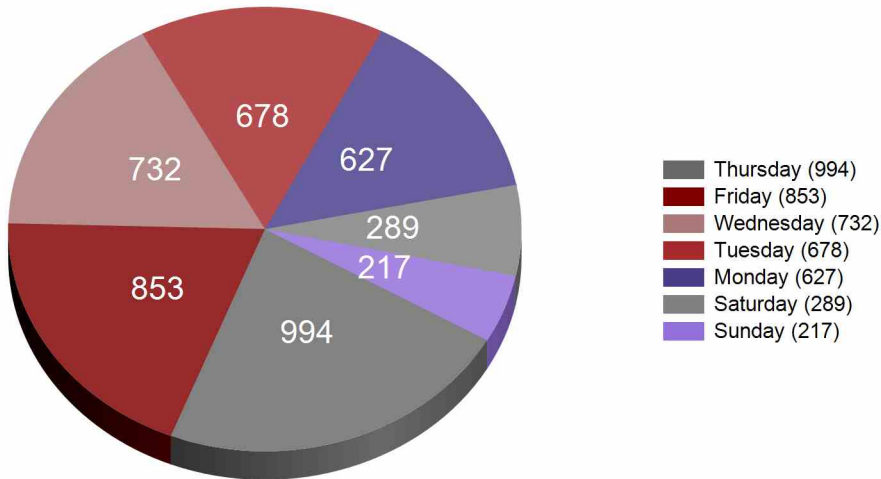
Incidents By Type



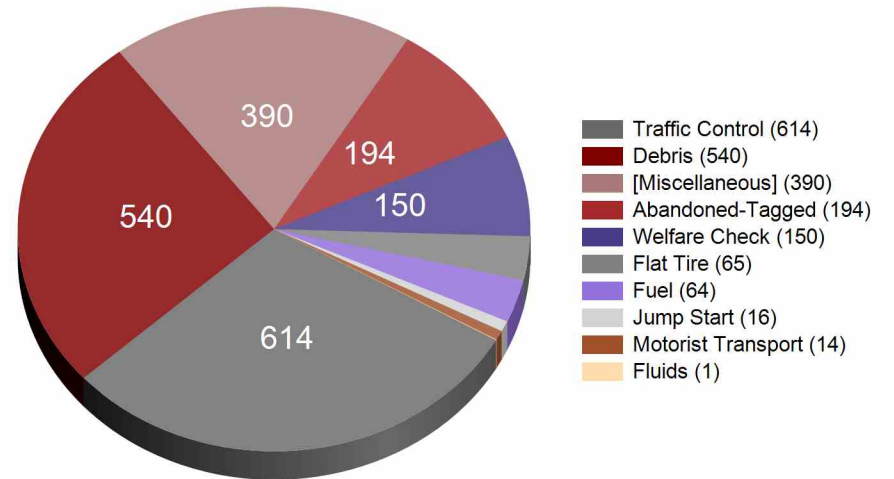
Incidents By Shift



Incidents By Day



Highway Helper Response

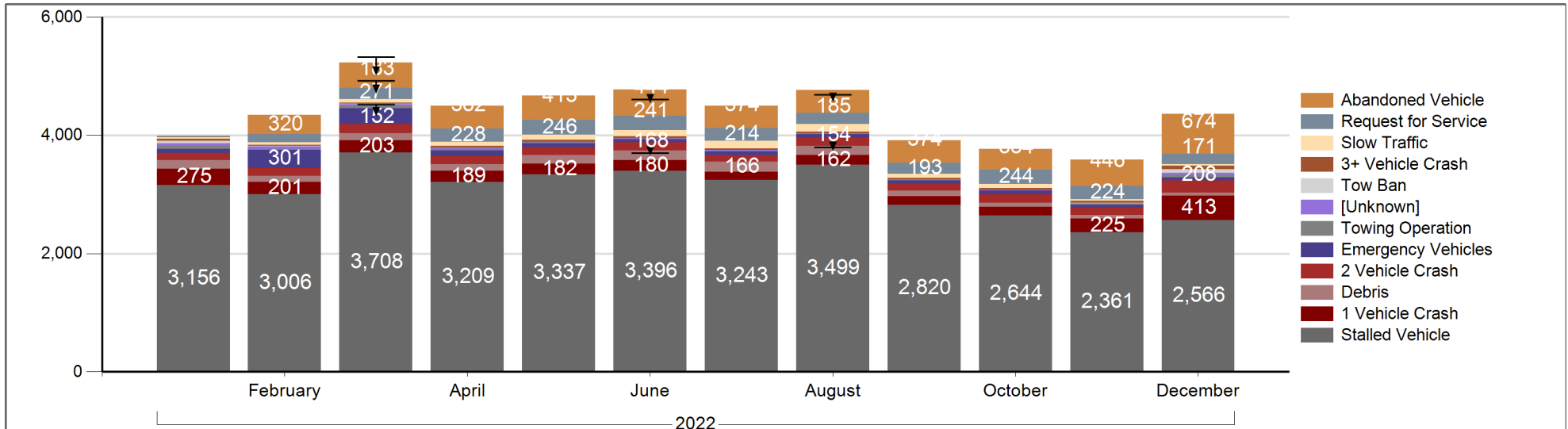


### INCIDENT TOTALS BY TYPE

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	2,566	58%	1 hr 58 m	1,160	82	62	305	34	923
Abandoned Vehicle	674	15%	48 min	335	4	14	82	7	232
1 Vehicle Crash	413	9%	51 min	170	21	35	57	22	108
2 Vehicle Crash	208	5%	1 hr 3 m	106	9	11	26	10	46
Request for Service	171	4%	6 min	63	22	18	19	10	39
Tow Ban	64	1%		0	0	0	0	0	0
3+ Vehicle Crash	59	1%	59 min	39	3	1	6	0	10
Debris	50	1%	13 min	17	2	0	9	1	21
Emergency Vehicles	50	1%	1 hr 31 m	20	1	2	9	4	14
Towing Operation	41	0.93%	2 hr 35 m	19	0	2	2	0	18
[Unknown]	36	0.82%		21	2	1	8	2	2
Slow Traffic	25	0.57%		19	0	0	0	0	6
<b>Total</b>	<b>4,357</b>	<b>100%</b>	<b>1 hr 34 m</b>	<b>1,969</b>	<b>146</b>	<b>146</b>	<b>523</b>	<b>90</b>	<b>1,419</b>

\* - Totals include Highway Helper Incidents

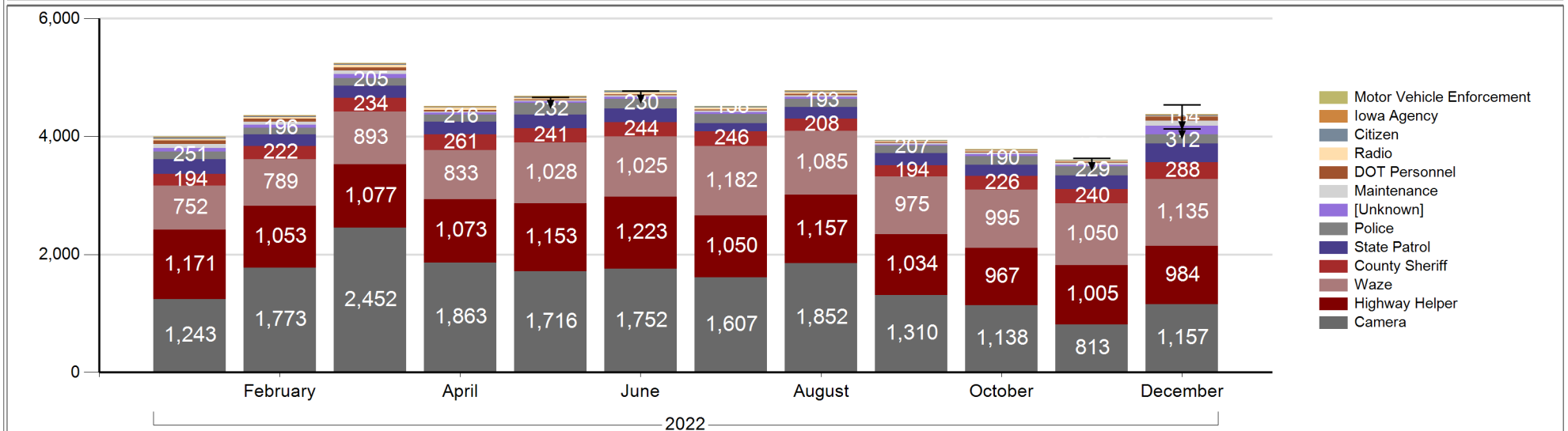


### INCIDENT TOTALS BY DETECTION TYPE

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	1,157	26%	572	55	16	121	3	390
Waze	1,135	26%	573	30	49	118	27	338
Highway Helper	984	22%	368	0	0	159	6	451
State Patrol	312	7%	119	15	19	55	22	80
County Sheriff	288	7%	102	39	38	31	18	60
Other	165	4%	42	3	4	20	6	28
Police	154	4%	88	1	11	5	6	43
Maintenance	88	2%	57	2	1	8	5	15
DOT Personnel	71	2%	42	2	4	7	2	14
Citizen	17	0.39%	8	0	1	1	0	7
Iowa Agency	13	0.30%	6	1	2	1	0	3
Motor Vehicle Enforcement	6	0.14%	5	0	1	0	0	0
<b>Total</b>	<b>4,390</b>	<b>100%</b>	<b>1,982</b>	<b>148</b>	<b>146</b>	<b>526</b>	<b>95</b>	<b>1,429</b>

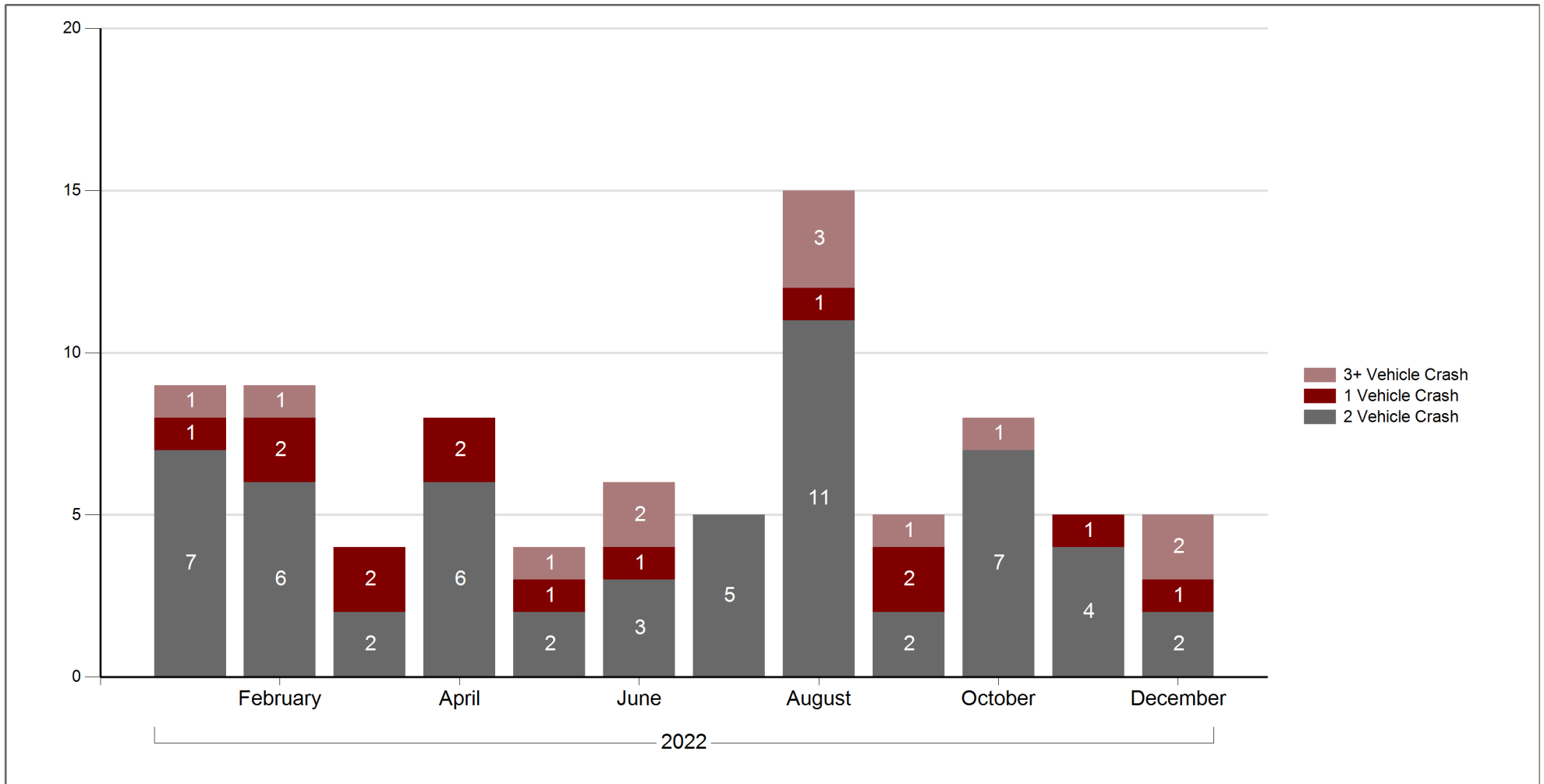
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

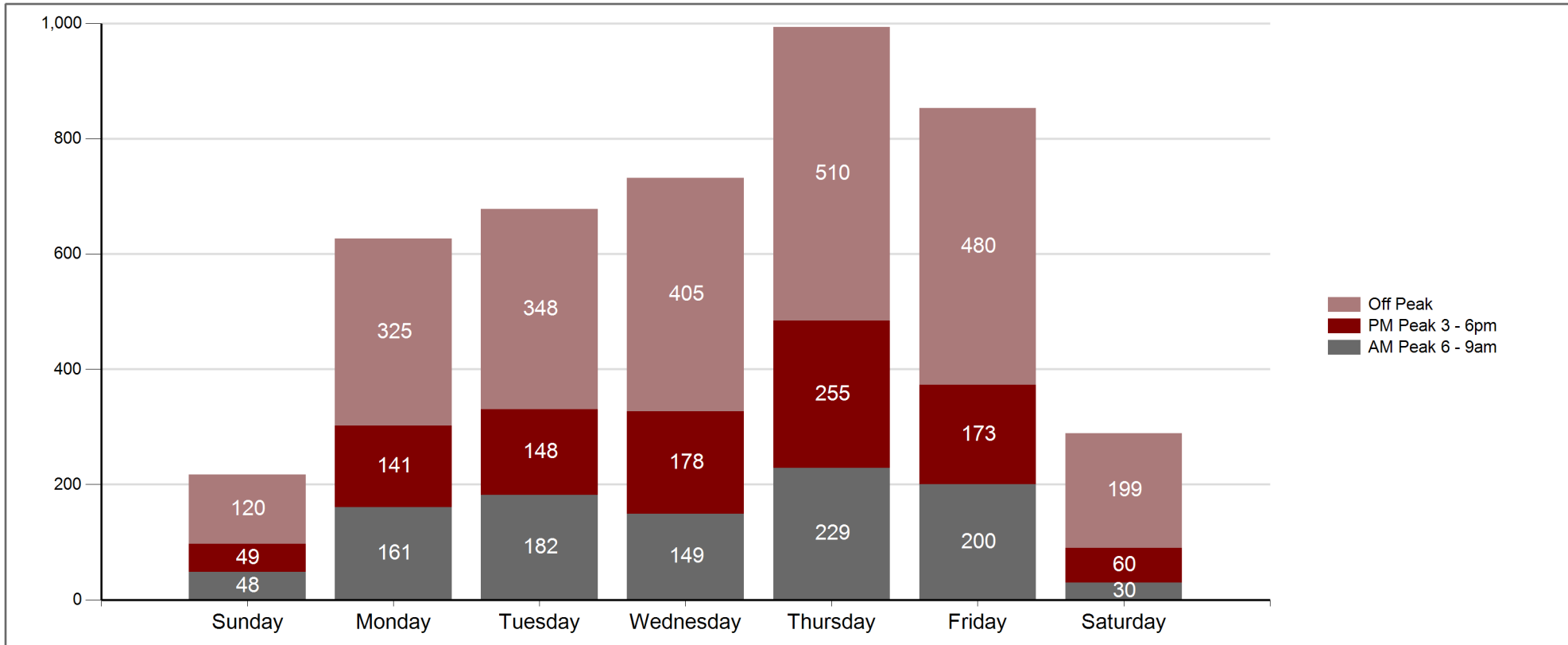
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	2	40%	23 min	2	0	0	0	0	0
3+ Vehicle Crash	2	40%	1 hr 4 m	1	0	0	1	0	0
1 Vehicle Crash	1	20%		0	0	0	0	0	1
<b>Total</b>	<b>5</b>	<b>100%</b>	<b>50 min</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>



### 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.

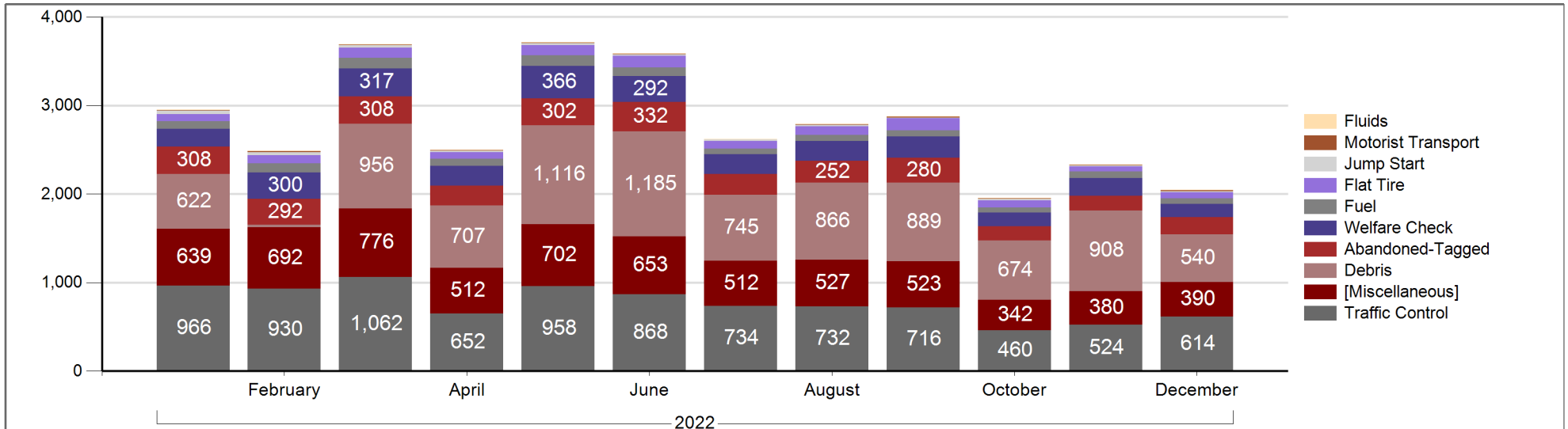
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Thursday	994	23%	1 hr 7 m	439	22	26	118	16	350
Friday	853	19%	1 hr 48 m	370	30	34	96	16	294
Wednesday	732	17%	3 hr 22 m	324	24	24	92	26	221
Tuesday	678	15%	58 min	308	29	18	110	9	204
Monday	627	14%	45 min	308	28	30	57	16	185
Saturday	289	7%	1 hr 28 m	140	9	6	26	9	95
Sunday	217	5%	1 hr 10 m	93	6	8	27	3	80
<b>Total</b>	<b>4,390</b>	<b>100%</b>	<b>1 hr 7 m</b>	<b>1,982</b>	<b>148</b>	<b>146</b>	<b>526</b>	<b>95</b>	<b>1,429</b>



### HIGHWAY HELPER RESPONSES

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

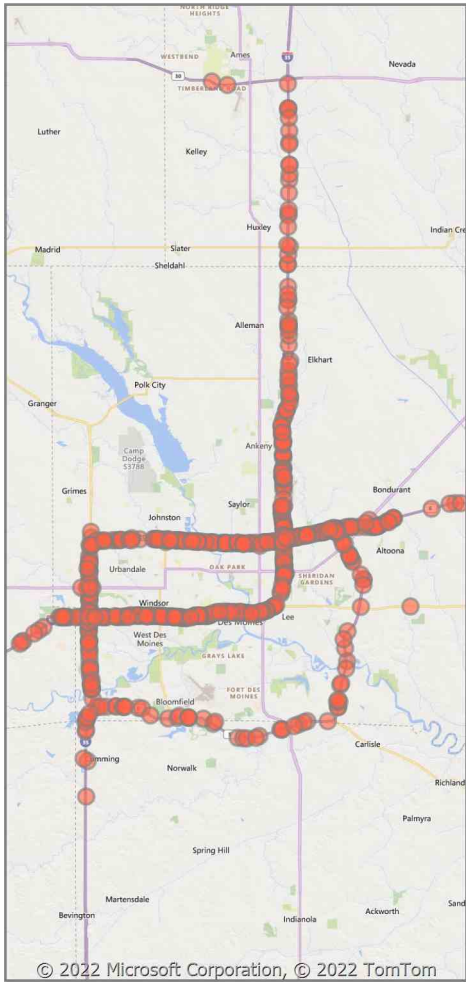
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Traffic Control	614	30%	48 min		194	110	56	134
Debris	540	26%	44 min		217	44	75	204
[Miscellaneous]	390	19%	47 min		137	65	33	84
Abandoned-Tagged	194	9%			112	26	8	18
Welfare Check	150	7%			65	20	9	28
Flat Tire	65	3%			19	10	4	20
Fuel	64	3%			24	6	4	30
Jump Start	16	0.78%			6	0	0	6
Motorist Transport	14	0.68%			8	1	1	1
Fluids	1	0.05%			0	0	1	0
<b>Total</b>	<b>2,048</b>	<b>100%</b>	<b>48 min</b>		<b>782</b>	<b>282</b>	<b>191</b>	<b>525</b>



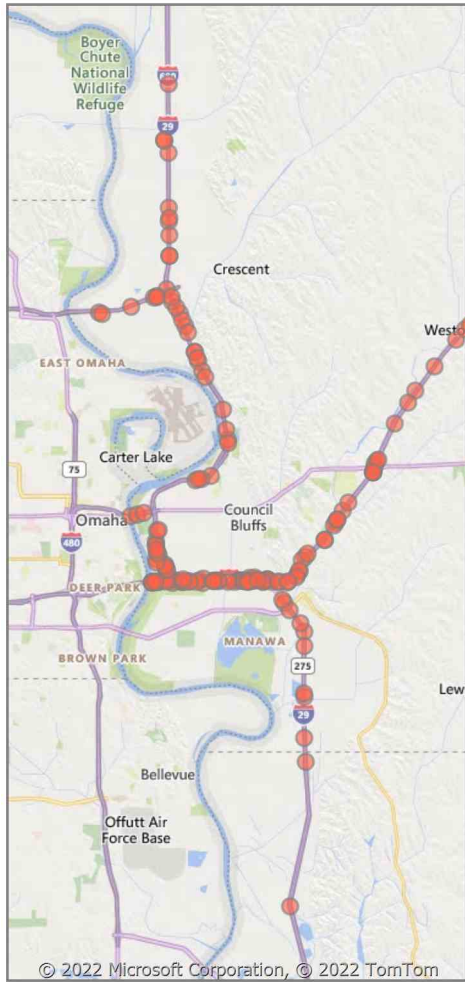
### HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

#### DES MOINES



#### COUNCIL BLUFFS



#### CEDAR RAPIDS / IOWA CITY



#### DAVENPORT



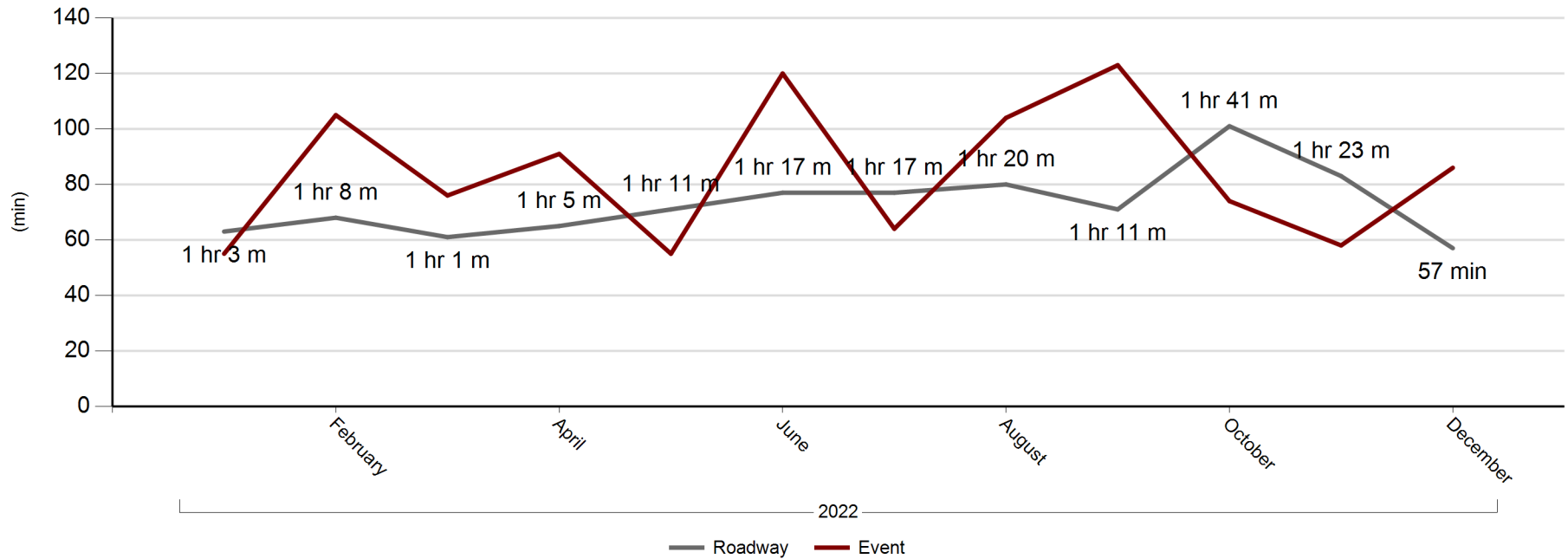


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 26 m</b>	1 hr 2 m	23 min	1 hr 4 m	1 hr 11 m	1 hr 47 m	2 hr 24 m
	Federal	1 hr 22 m	1 hr 15 m		1 hr 17 m	36 min	37 min	1 hr 49 m
	Interstate	1 hr 28 m	1 hr 2 m	23 min	33 min	1 hr 14 m	2 hr 23 m	2 hr 33 m
	State	1 hr 4 m	26 min		1 hr 20 m			1 hr 31 m
Roadway	All	<b>57 min</b>	44 min	53 min	1 hr 16 m	1 hr 15 m	2 hr 58 m	44 min
	Federal	1 hr 31 m	1 hr 15 m	31 min	1 hr 12 m	1 hr 14 m	6 hr 5 m	1 hr 2 m
	Interstate	45 min	37 min	1 hr 11 m	1 hr 4 m	1 hr 9 m	1 hr 45 m	41 min
	State	1 hr 12 m	37 min	2 hr 20 m	1 hr 32 m	2 hr 41 m	1 hr 17 m	47 min

All Roads (Interstate / Federal / State)

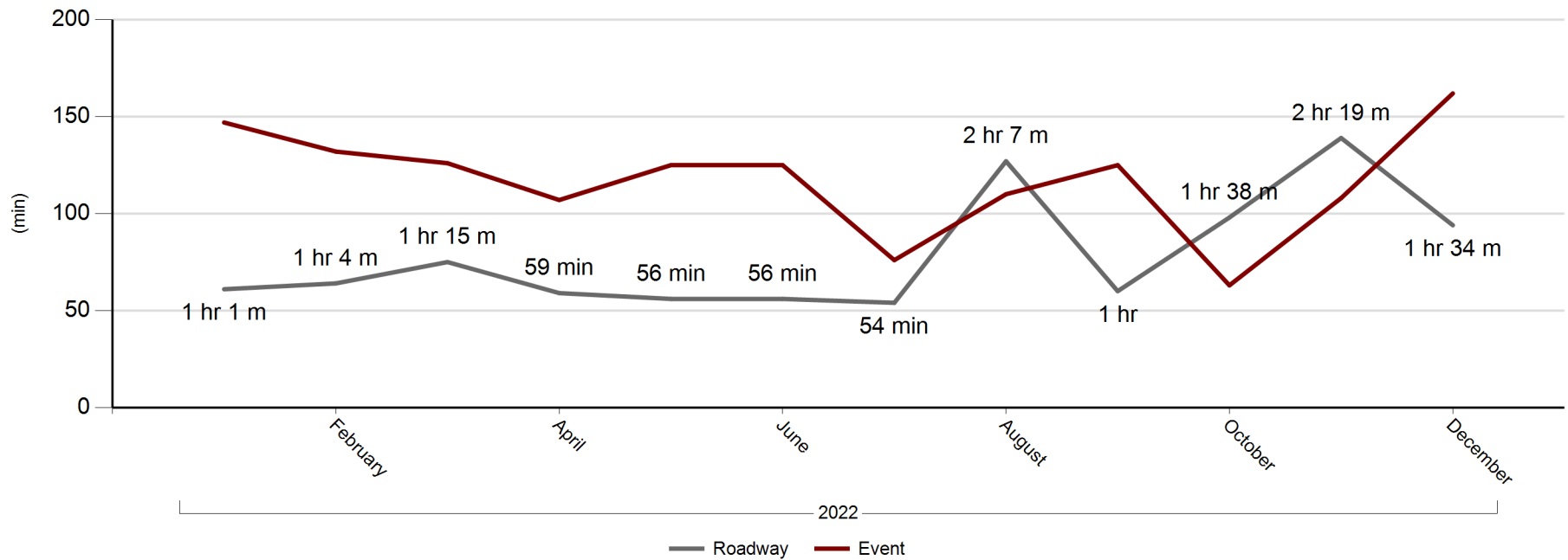


### INCIDENT CLEARANCE TIMES (ALL TYPES)

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	<b>2 hr 42 m</b>	1 hr 34 m	2 hr 17 m	1 hr 4 m	1 hr 6 m	1 hr 27 m	5 hr 44 m
	Federal	1 hr 40 m	1 hr 18 m	12 hr 20 m	1 hr 17 m	38 min	37 min	1 hr 27 m
	Interstate	3 hr 4 m	1 hr 36 m	12 min	33 min	1 hr 13 m	2 hr 1 m	6 hr 57 m
	State	1 hr 8 m	1 hr 32 m	19 min	1 hr 20 m		1 hr	59 min
Roadway	All	<b>1 hr 34 m</b>	53 min	6 hr 46 m	3 hr 59 m	1 hr 15 m	2 hr 43 m	1 hr
	Federal	2 hr 9 m	1 hr 33 m	40 min	5 hr 43 m	50 min	5 hr 39 m	1 hr 2 m
	Interstate	54 min	45 min	52 min	59 min	1 hr 15 m	1 hr 58 m	54 min
	State	4 hr 26 m	46 min	1 day 49 min	4 hours	2 hr 41 m	1 hr 30 m	1 hr 51 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 : 51 min)								
	12/08 05:37 AM	<a href="#">239193</a>	I-35		1	1	4 hr 2 m	Initial report of a single vehicle crash on I-35 NB at MM 1 (near Lamoni).
	12/09 09:45 AM	<a href="#">239348</a>	I-80	1	1	1	5 hr 52 m	Single vehicle crash event on I-80 W @ MM 27.6 (near Minden).
	12/12 06:11 AM	<a href="#">239569</a>	I-29			1	2 hr 21 m	Single vehicle crash event on I-29 N @ MM 136.4 (near Salix).
	12/13 04:02 AM	<a href="#">239712</a>	US-65			1	3 hr 4 m	Single vehicle crash event on US-65 S @ MM 105.3 (near Collins).
	12/15 04:25 PM	<a href="#">240200</a>	I-80				2 hr 22 m	Single vehicle crash event on I-80 W @ MM 191.6 (near Malcom).
	12/16 09:04 AM	<a href="#">240351</a>	IA-60			1	2 hr 3 m	Single vehicle crash event on IA-60 N @ MM 45 (near Ashton).
	12/16 09:37 AM	<a href="#">240355</a>	I-35			1	2 hr 24 m	Single vehicle crash event on I-35 N @ MM 135.6 (near Ellsworth).
	12/16 09:52 AM	<a href="#">240357</a>	US-20			1	2 hr 10 m	Single vehicle crash event on US-20 E @ MM 126.3 (near Otho).
	12/21 07:05 PM	<a href="#">241206</a>	US-63			1	4 hr 54 m	Single vehicle crash event on US-63 S @ MM 34.4 (near Ottumwa).
	12/21 09:45 PM	<a href="#">241251</a>	I-80			1	2 hr 28 m	Single vehicle crash event on I-80 W @ MM 208.6 (near Victor).
	12/21 10:41 PM	<a href="#">241255</a>	I-80			1	2 hr 29 m	Single vehicle crash event on I-80 E @ MM 97 (near Dexter).
	12/23 12:55 PM	<a href="#">241767</a>	I-35			1	2 hr 11 m	Single vehicle crash event on I-35 N @ MM 157 (near Dows).
	12/23 01:03 PM	<a href="#">241772</a>	US-71				3 hr 22 m	Single vehicle crash event on US-71 S @ MM 211.1 (near Fostoria).
	12/25 11:41 PM	<a href="#">241983</a>	US-63			1	2 hr 4 m	Single vehicle crash event on US-63 N @ MM 190.1 (near Frederika).
2 Vehicle Crash (Avg Impact : 1 hr 3 m)								
	12/01 06:39 PM	<a href="#">238420</a>	I-35	1		1	2 hr 57 m	Initial report of a 2 vehicle crash on I-35 NB at MM 34 in Osceola.
	12/03 11:15 PM	<a href="#">238654</a>	I-29				3 hr 52 m	Initial report of a 2 vehicle crash on I-29 NB at MM 71 (near Missouri Valley).
	12/07 10:16 PM	<a href="#">239165</a>	US-63		1	2	13 hr 27 m	Initial report of a 2 vehicle crash on US-63 SB at MM 46 (near Chillicothe).
	12/12 06:06 PM	<a href="#">239687</a>	US-30	1			3 hr 8 m	2 vehicle crash event on US-30 W @ MM 136.3 (near Boone).
	12/14 07:59 AM	<a href="#">239922</a>	US-151		1		3 hr 13 m	2 vehicle crash event on US-151 S @ MM 33.7 (near Bertram).
	12/21 12:31 PM	<a href="#">241096</a>	US-63			1	10 hr 25 m	2 vehicle crash event on US-63 N @ MM 10.3 (near Drakesville).
	12/21 03:21 PM	<a href="#">241142</a>	IA-4			1	3 hr 36 m	2 vehicle crash event on IA-4 S @ MM 94.7 (near Havelock).
	12/24 09:32 AM	<a href="#">241896</a>	US-69				3 hr 10 m	2 vehicle crash event on US-69 N @ MM 84.7 in Des Moines.
	12/27 07:13 AM	<a href="#">242196</a>	IA-92		1	1	3 hr 43 m	2 vehicle crash event on IA-92 E/W @ MM 16.7 (near Treynor).
3+ Vehicle Crash (Avg Impact : 59 min)								
	12/22 10:10 AM	<a href="#">241413</a>	I-80			2	2 hr 16 m	3+ vehicle crash event on I-80 E @ MM 179.6 (near Oakland Acres).

**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
<b>3+ Vehicle Crash (Avg Impact : 59 min)</b>								
	12/23 10:36 AM	<a href="#">241739</a>	I-35		2	2	4 hr 14 m	3+ vehicle crash event on I-35 S @ MM 163 (near Coulter).
	12/24 12:45 PM	<a href="#">241908</a>	US-69				2 hr 45 m	3+ vehicle crash event on US-69 S @ MM 83.6 (near Fraser).
	12/26 10:34 AM	<a href="#">242061</a>	I-35				3 hr 39 m	3+ vehicle crash event on I-35 S @ MM 132 (near Ellsworth).
<b>Abandoned Vehicle (Avg Impact : 48 min)</b>								
	12/21 10:05 PM	<a href="#">241253</a>	I-35			1	2 hr 1 m	Abandoned vehicle event on I-35 S @ MM 16.5 (near Decatur City).
	12/22 05:45 AM	<a href="#">241314</a>	I-80			1	2 hr 20 m	Abandoned vehicle event on I-80 E @ MM 207 (near Victor).
<b>Emergency Vehicles (Avg Impact : 1 hr 31 m)</b>								
	12/15 09:57 PM	<a href="#">240274</a>	I-80		1		3 hr 49 m	Emergency vehicles event on I-80 E @ MM 13.7 (near McClelland).
	12/23 05:36 AM	<a href="#">241655</a>	IA-39				9 hr 7 m	Emergency vehicles event on IA-39 S @ MM 23 (near Odebolt).
<b>Stalled Vehicle (Avg Impact : 1 hr 58 m)</b>								
	12/23 06:02 PM	<a href="#">241843</a>	US-18			1	19 hr 22 m	Stalled vehicle event on US-18 W @ MM 46.7 (near Sheldon).
	12/23 07:53 PM	<a href="#">241856</a>	IA-4				23 hr 6 m	Stalled vehicle event on IA-4 N @ MM 106.5 (near Curlew).
	12/23 09:52 PM	<a href="#">241861</a>	US-18			1	1 day 10 hr 29 m	Stalled vehicle event on US-18 E/W @ MM 63 (near Hartley).
	12/24 01:12 AM	<a href="#">241871</a>	IA-13				13 hr 14 m	Stalled vehicle event on IA-13 S @ MM 52.7 (near Edgewood).
<b>Towing Operation (Avg Impact : 2 hr 35 m)</b>								
	12/14 07:13 AM	<a href="#">239913</a>	IA-60			1	5 hr 47 m	Towing operation event on IA-60 S @ MM 47.5 (near Sibley).
	12/16 03:54 PM	<a href="#">240436</a>	I-80				5 hr 31 m	Towing operation event on I-80 E @ MM 263 (near Atalissa).
	12/22 12:29 PM	<a href="#">241458</a>	I-80			1	5 hr 40 m	Towing operation event on I-80 E @ MM 179.6 (near Oakland Acres).
<b>Vehicle Fire (Avg Impact : 1 hr 9 m)</b>								
	12/16 03:20 AM	<a href="#">240281</a>	US-63			1	3 hr 26 m	Vehicle fire event on US-63 S @ MM 45 (near Chillicothe).
	12/19 09:34 PM	<a href="#">240807</a>	I-35			1	2 hr 18 m	Vehicle fire event on I-35 S @ MM 63 (near Cumming).