



## TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

July 2022

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

### Executive Summary

#### TOTAL INCIDENTS

The total number of incidents during the period. \*

Previous	Current
June	July
<b>4,795</b>	<b>4,528</b>

#### TOTAL SECONDARY INCIDENTS

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

Previous	Current
June	July
<b>6</b>	<b>5</b>

#### TOTAL MULTI-VEHICLE INCIDENTS

The total number of multi-vehicle incidents during the period.

Previous	Current
June	July
<b>168</b>	<b>144</b>

#### LANE BLOCKAGE INCIDENTS

The total number of incidents which resulted in at least one blocked lane of travel.\*

Previous	Current
June	July
<b>277</b>	<b>275</b>

#### AVERAGE CLEARANCE TIME

The average time for all lanes to be cleared after a crash.

Previous	Current
June	July
<b>1 hr 17 m</b>	<b>1 hr 17 m</b>

#### TOTAL HIGHWAY HELPER RESPONSES

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

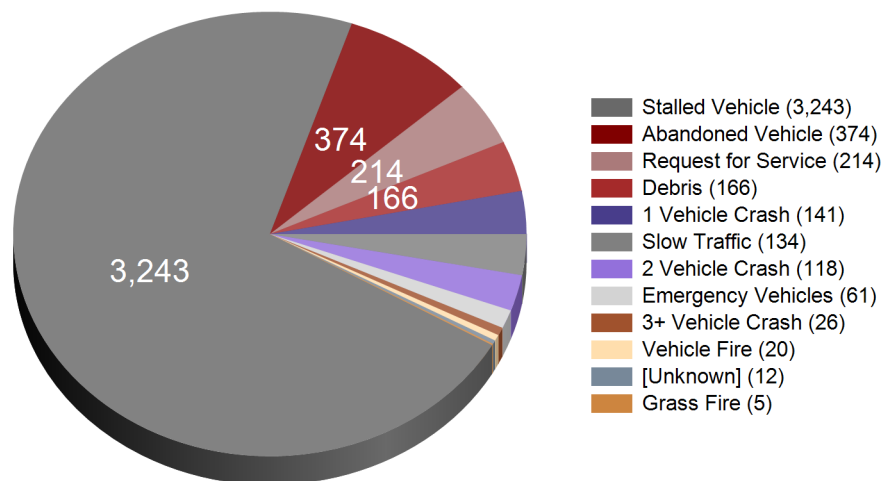
Previous	Current
June	July
<b>1,763</b>	<b>1,580</b>

\* - excludes roadwork

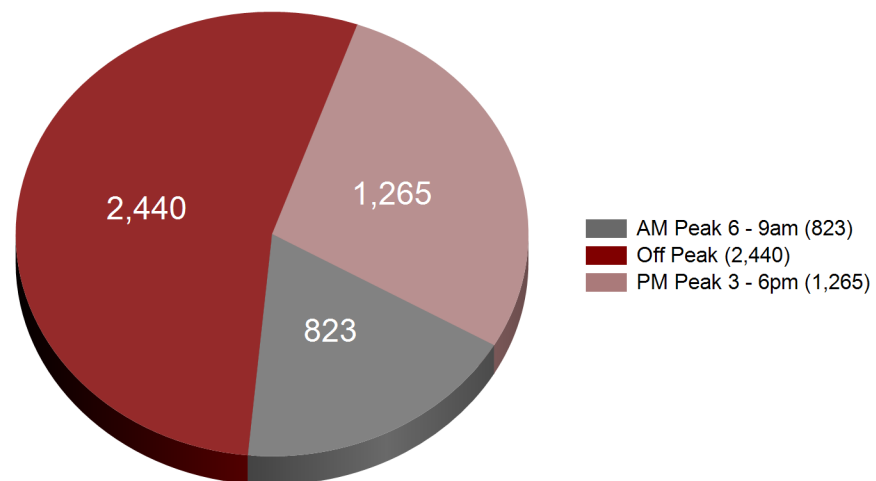
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

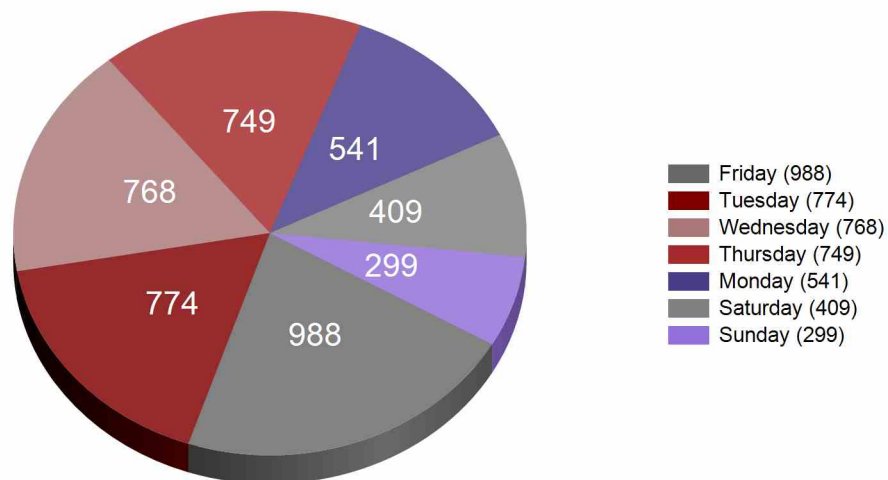
Incidents By Type



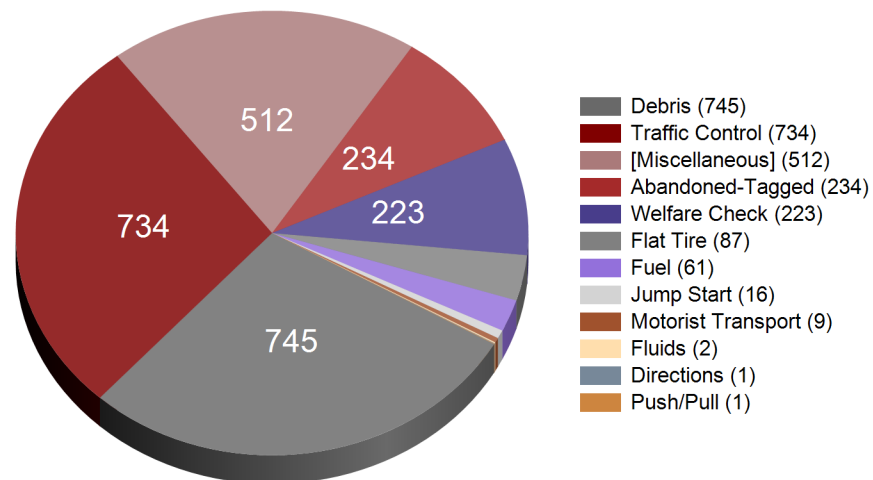
Incidents By Shift



Incidents By Day



Highway Helper Response

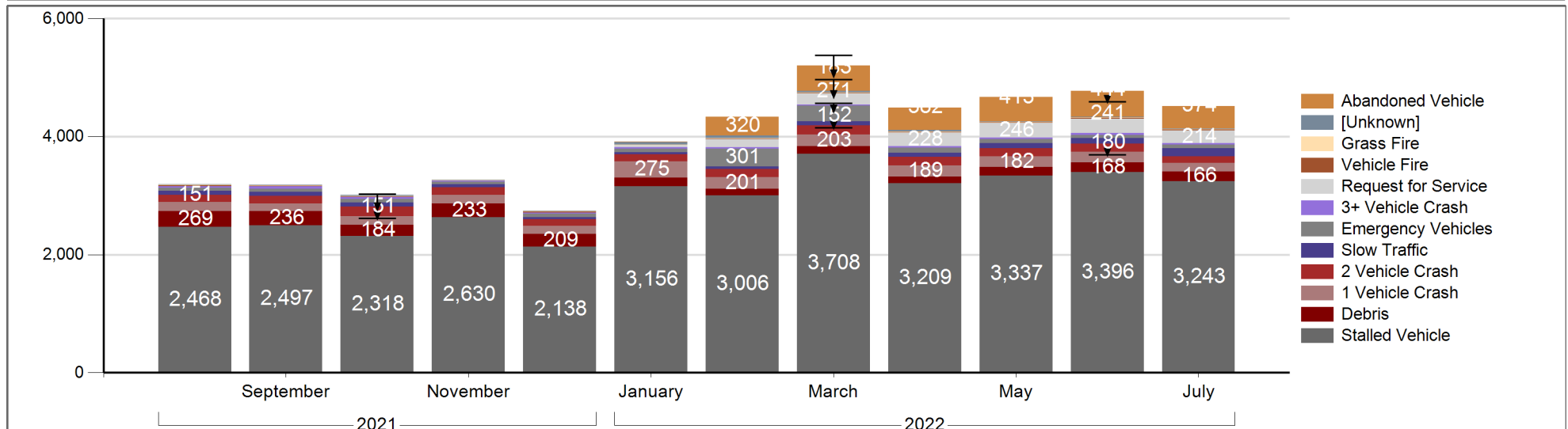


### INCIDENT TOTALS BY TYPE

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	3,243	72%	33 min		1,442	95	60	509	43	1,094
Abandoned Vehicle	374	8%	1 hr 28 m		190	5	4	51	2	122
Request for Service	214	5%	7 min		52	27	34	30	22	49
Debris	166	4%	14 min		60	6	8	20	2	70
1 Vehicle Crash	141	3%	1 hr 26 m		51	3	5	29	17	36
Slow Traffic	134	3%	3 hr 15 m		76	3	2	21	0	32
2 Vehicle Crash	118	3%	1 hr 14 m		59	2	8	15	3	31
Emergency Vehicles	61	1%	1 hr 1 m		28	2	2	10	2	17
3+ Vehicle Crash	26	0.57%	1 hr 1 m		16	1	1	2	2	4
Vehicle Fire	20	0.44%	54 min		8	0	1	3	3	5
[Unknown]	12	0.27%			2	0	0	3	3	4
Towing Operation	6	0.13%	3 hr 29 m		0	0	0	1	1	4
Total	4,515	100%	54 min		1,984	144	125	694	100	1,468

\* - Totals include Highway Helper Incidents

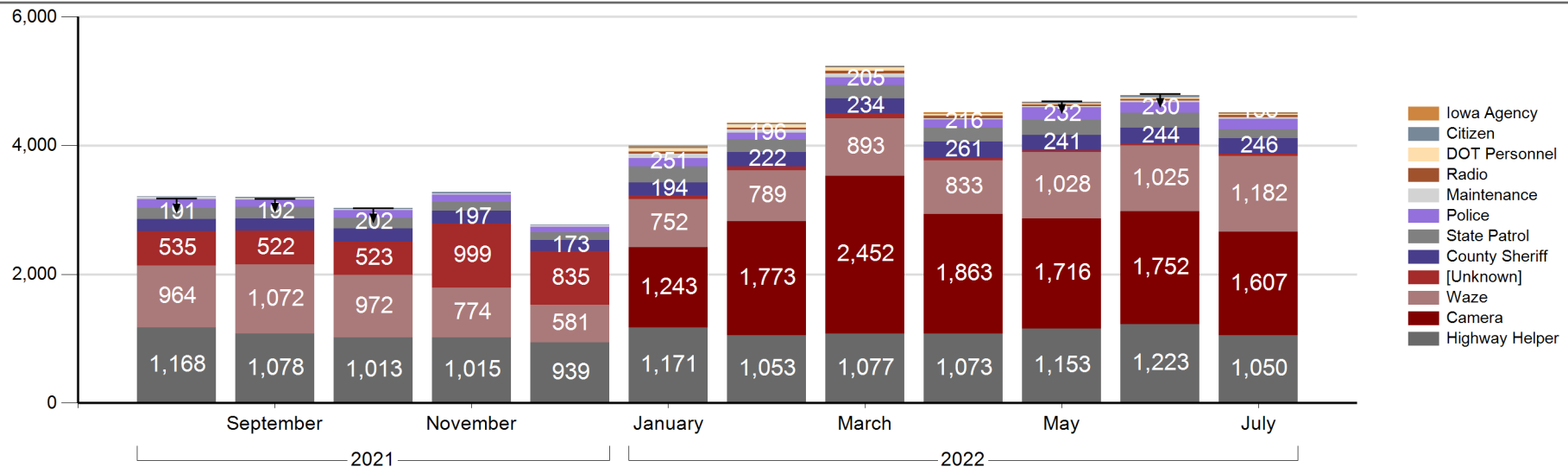


### INCIDENT TOTALS BY DETECTION TYPE

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	1,607	35%		753	73	33	267	21	460
Waze	1,182	26%		577	30	40	158	29	348
Highway Helper	1,050	23%		382	0	0	179	4	485
County Sheriff	246	5%		47	27	36	36	27	73
Police	158	3%		86	3	13	10	2	44
State Patrol	139	3%		67	8	1	25	10	28
Other	43	0.95%		21	0	0	7	0	15
Radio	35	0.77%		13	1	3	9	4	5
Maintenance	31	0.68%		18	1	0	3	0	9
Citizen	20	0.44%		16	0	0	1	0	3
DOT Personnel	11	0.24%		5	1	0	1	2	2
Iowa Agency	6	0.13%		2	0	0	0	2	2
Total	4,528	100%		1,987	144	126	696	101	1,474

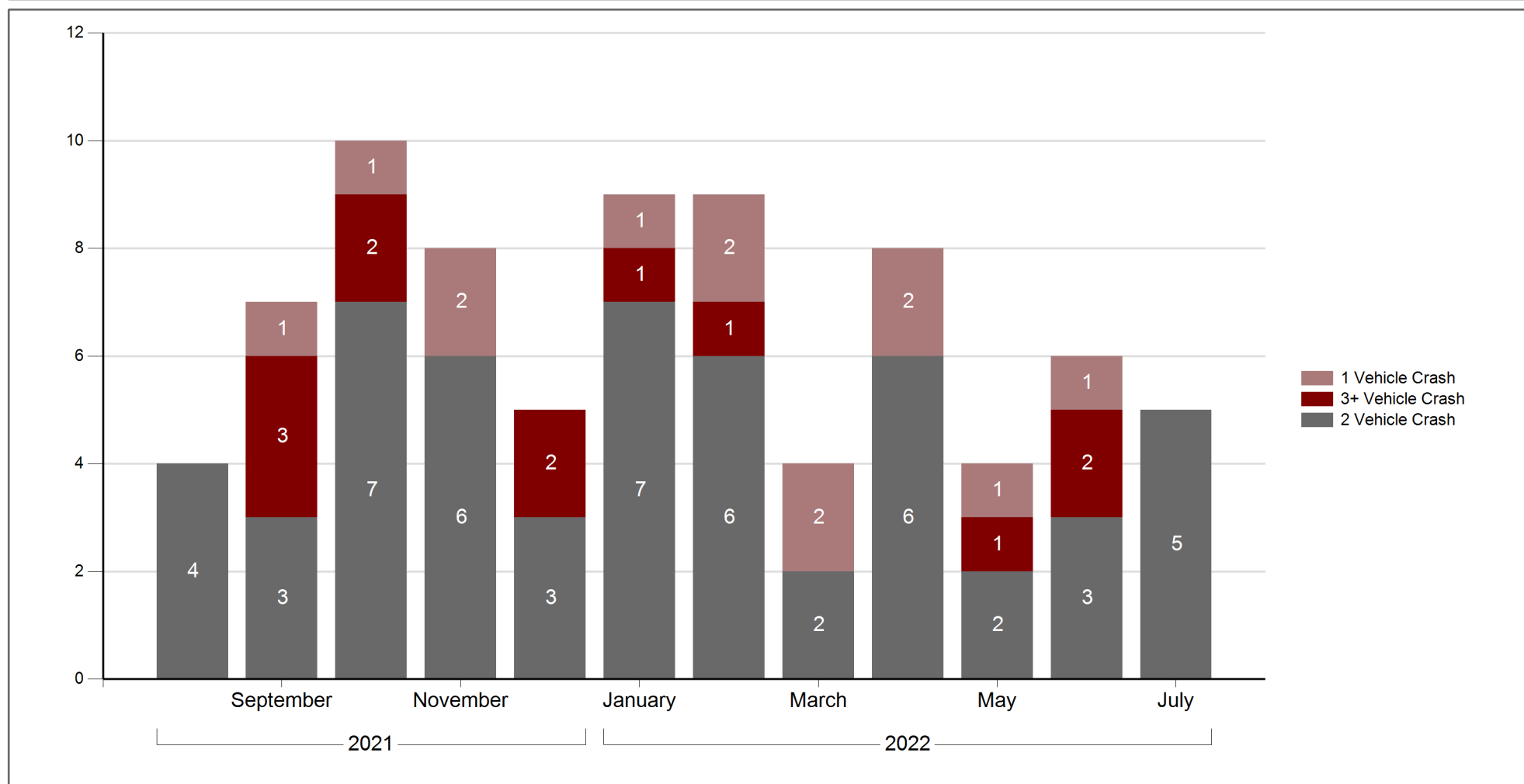
\* - Totals include Highway Helper Incidents



## SECONDARY INCIDENTS BY TYPE

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

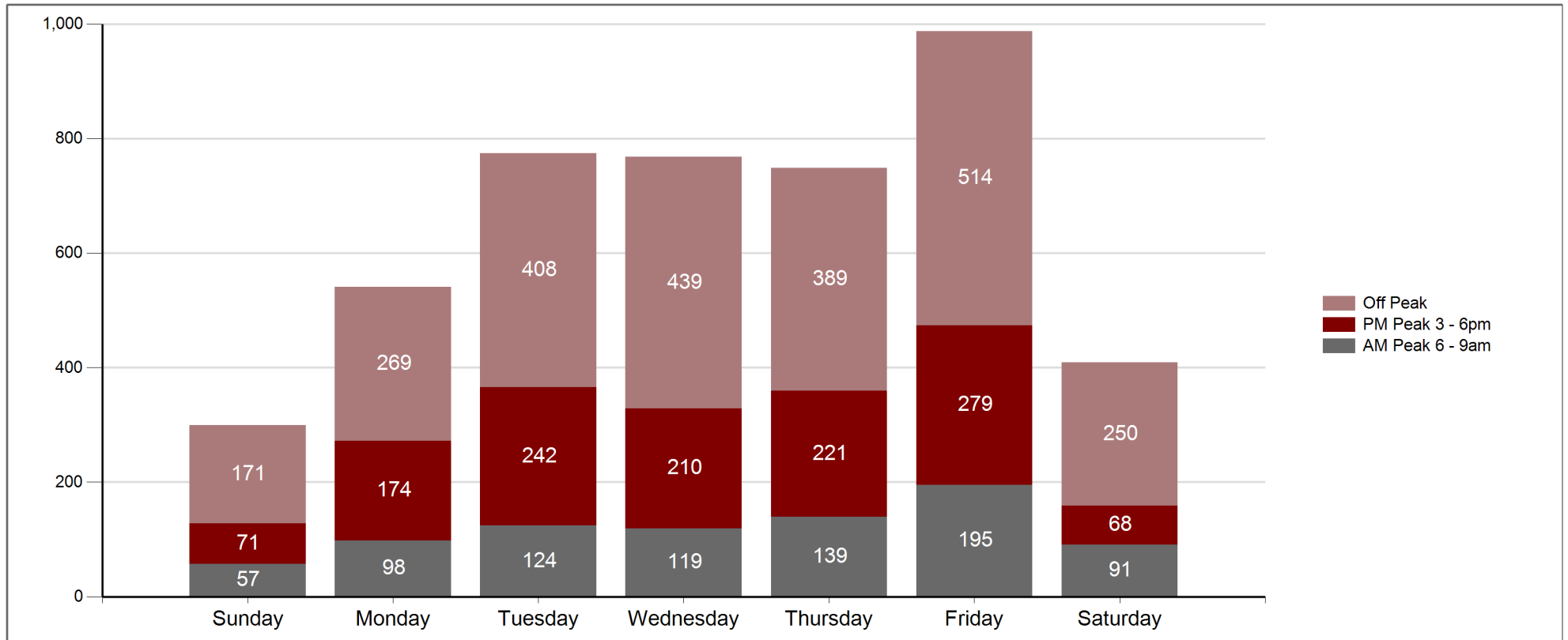
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	100%	34 min		1	0	0	0	0	4
Total	5	100%	34 min		1	0	0	0	0	4



### 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.

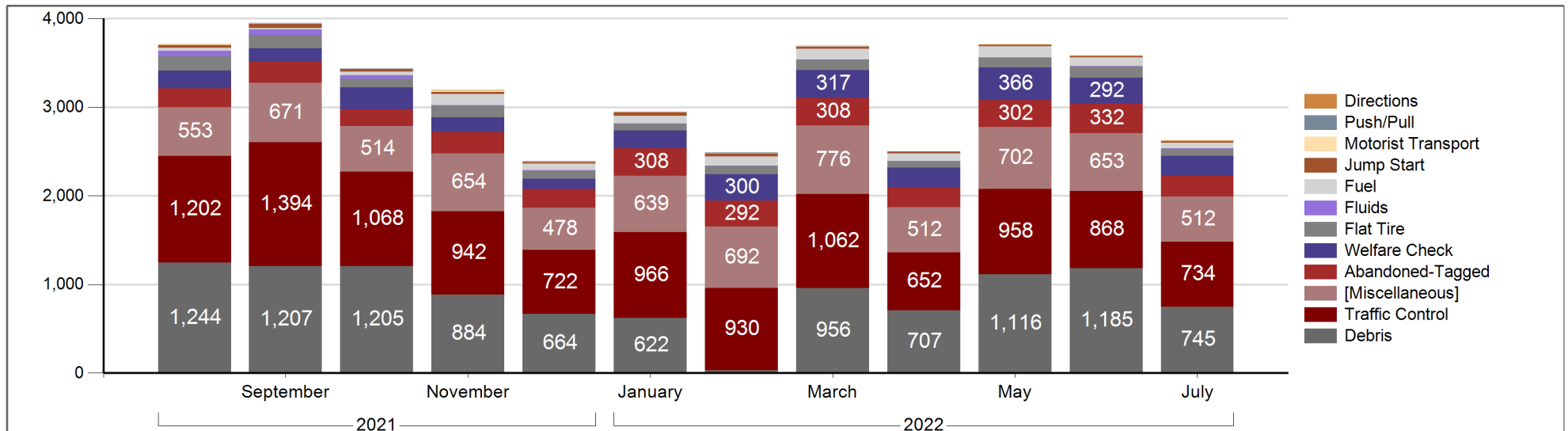
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Friday	988	22%	53 min		445	25	25	162	19	312
Tuesday	774	17%	58 min		353	27	26	103	11	254
Wednesday	768	17%	1 hr 7 m		339	21	13	119	15	261
Thursday	749	17%	37 min		313	27	23	101	25	260
Monday	541	12%	51 min		223	18	17	90	11	182
Saturday	409	9%	1 hr 18 m		178	9	14	81	13	114
Sunday	299	7%	40 min		136	17	8	40	7	91
Total	4,528	100%	53 min		1,987	144	126	696	101	1,474



### 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	745	28%	35 min		187	147	46	312
Traffic Control	734	28%	29 min		254	106	94	118
[Miscellaneous]	512	20%	28 min		174	80	60	100
Abandoned-Tagged	234	9%	19 min		108	38	14	40
Welfare Check	223	8%	21 min		79	40	32	44
Flat Tire	87	3%			46	4	18	9
Fuel	61	2%			23	8	10	10
Jump Start	16	0.61%			8	2	2	0
Motorist Transport	9	0.34%			3	2	1	1
Fluids	2	0.08%			1	0	0	0
Directions	1	0.04%			1	0	0	0
Push/Pull	1	0.04%			0	0	0	1
Total	2,625	100%	29 min		884	427	277	635

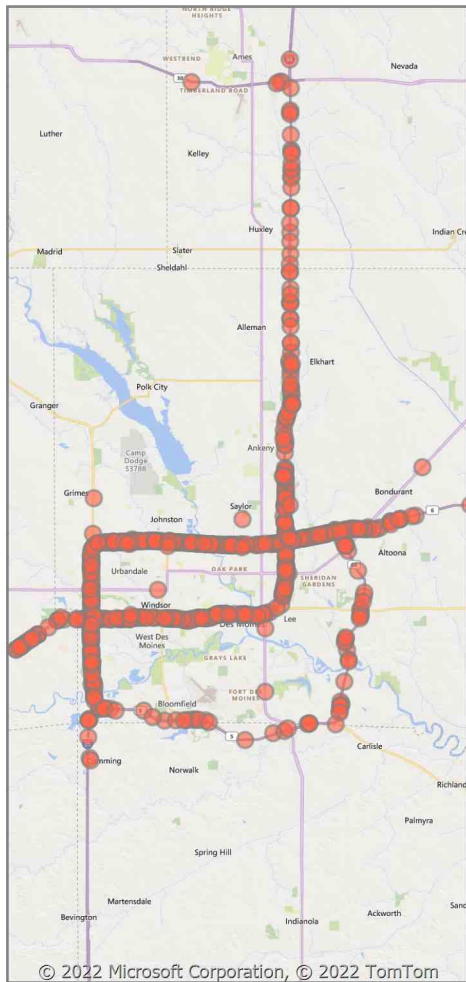




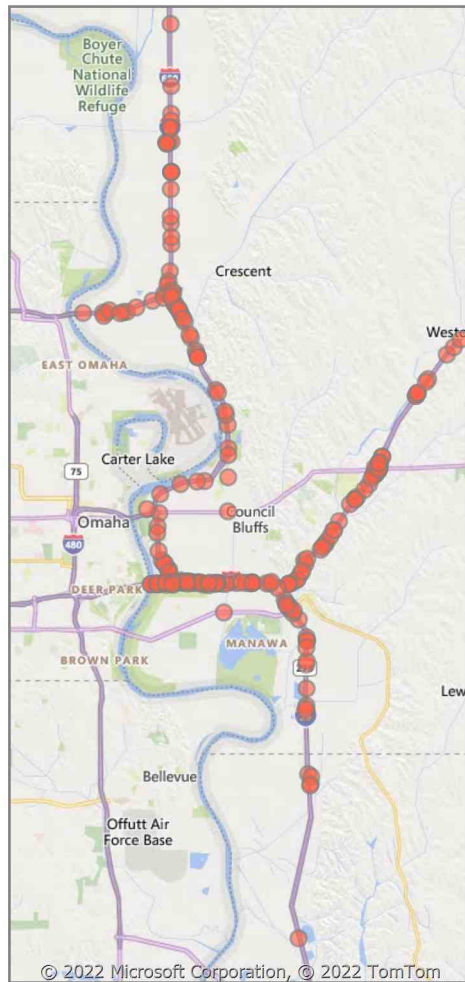
## HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

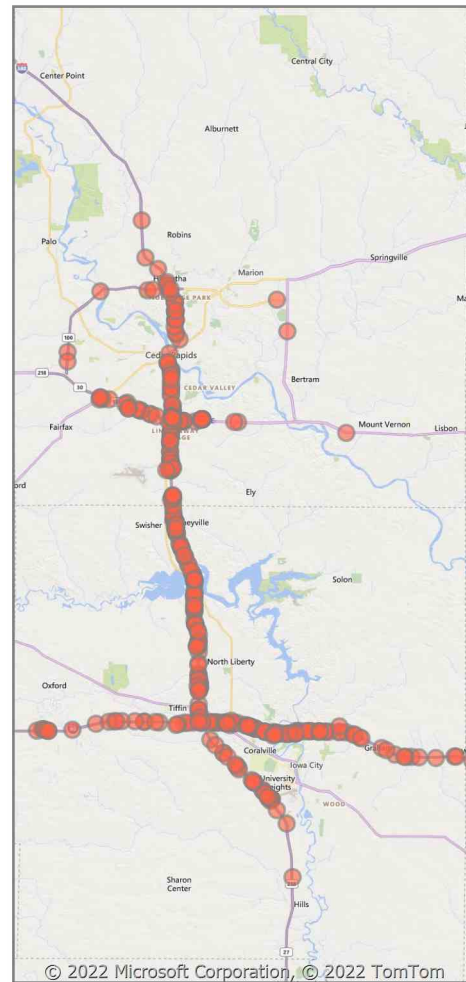
### DES MOINES



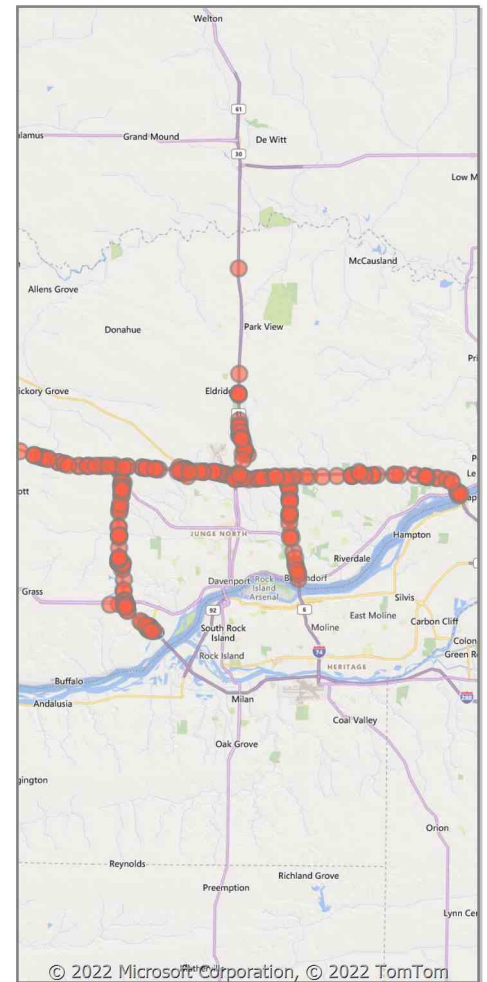
### COUNCIL BLUFFS



### CEDAR RAPIDS / IOWA CITY

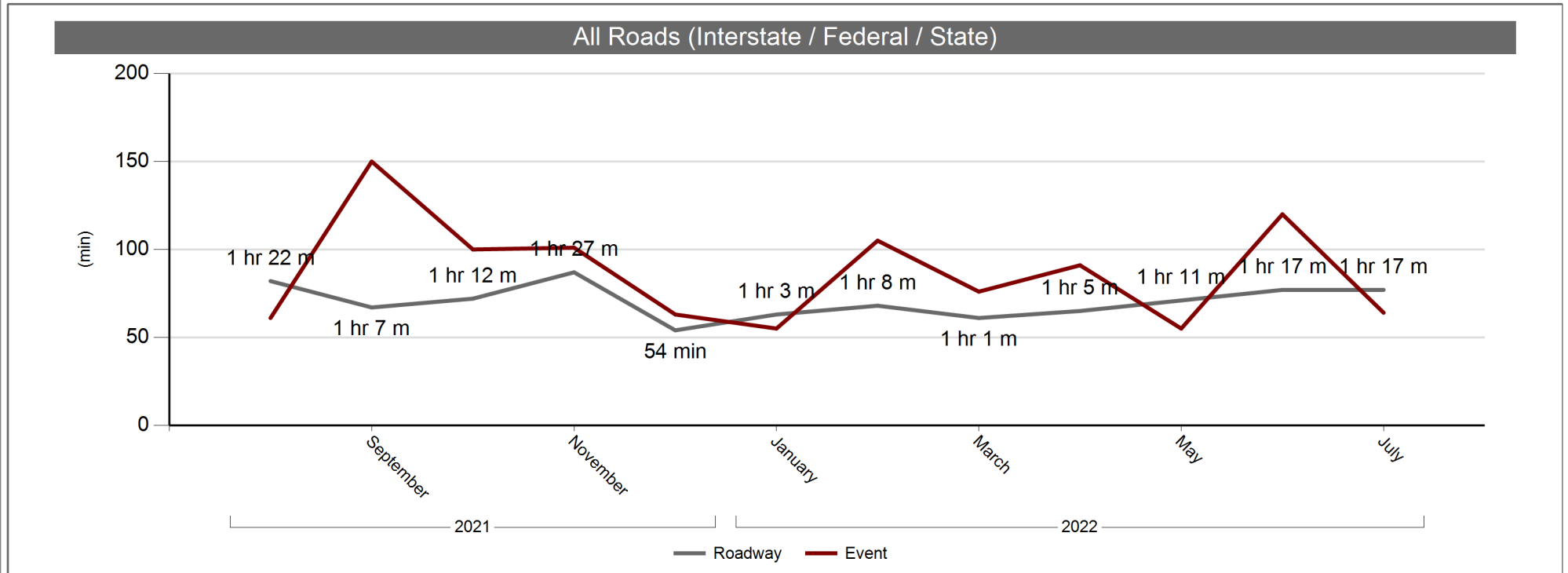


### DAVENPORT

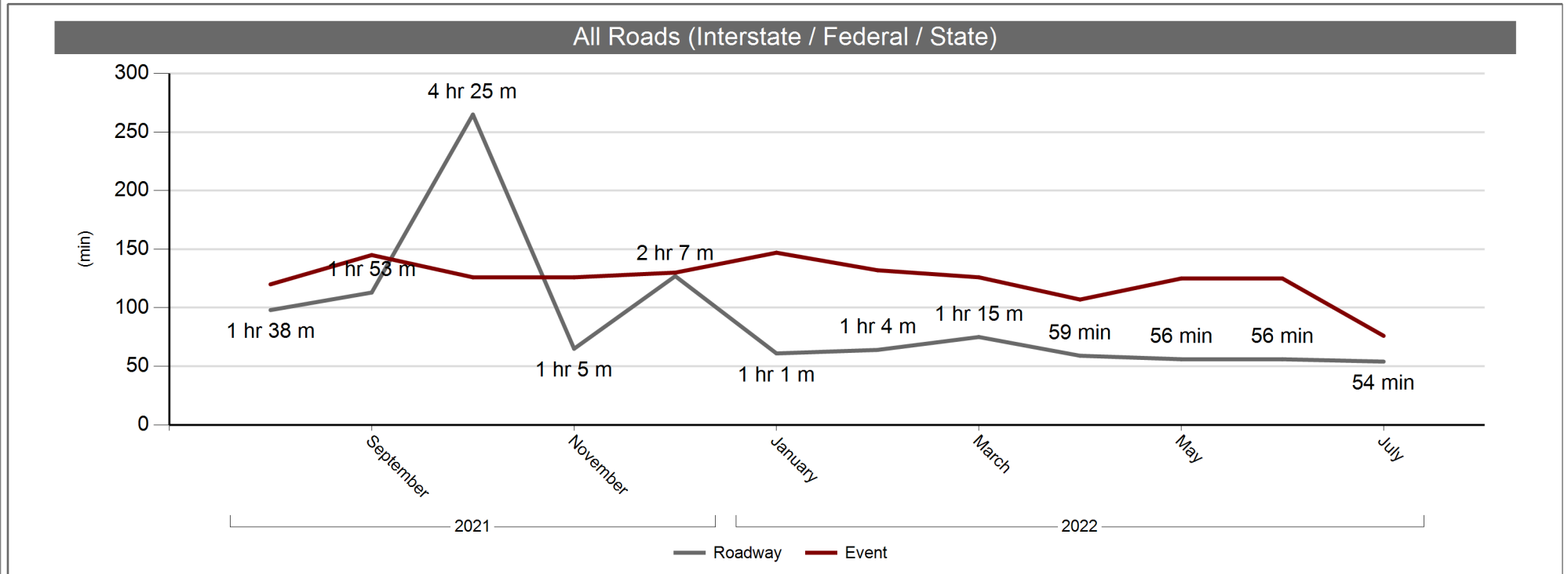




INCIDENT CLEARANCE TIMES (CRASHES ONLY)									
Event : All Responders Departed / Roadway : All Lanes Re-Opened									
	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 4 m		56 min		48 min	1 hr 32 m	1 hr 57 m	1 hr
	Federal	1 hr 16 m		1 hr 23 m		50 min	1 hr 57 m	1 hr 43 m	56 min
	Interstate	1 hr 1 m		46 min		31 min	1 hr 27 m	2 hr 25 m	1 hr 3 m
	State	1 hr 10 m		1 hr 12 m		1 hr 1 m	1 hr 53 m		47 min
Roadway	All	1 hr 17 m		1 hr 3 m	2 hr 45 m	37 min	1 hr 20 m	2 hr 7 m	1 hr 23 m
	Federal	1 hr 16 m		1 hr 16 m	4 hr 50 m	49 min	23 min	1 hr 25 m	57 min
	Interstate	1 hr 8 m		44 min	1 hr 43 m	8 min	1 hr 14 m	1 hr 47 m	1 hr 31 m
	State	1 hr 59 m		1 hr 55 m		40 min	3 hr 48 m	3 hr 57 m	1 hr 11 m



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 16 m		1 hr 10 m	1 hr 17 m	48 min	1 hr 48 m	1 hr 16 m	1 hr 10 m
	Federal	57 min		1 hr 4 m	2 hr 33 m	50 min	1 hr 3 m	1 hr 43 m	35 min
	Interstate	1 hr 26 m		1 hr 16 m		31 min	1 hr 53 m	58 min	1 hr 24 m
	State	45 min		47 min	1 min	1 hr 1 m	1 hr 53 m		36 min
Roadway	All	54 min		44 min	1 hr 46 m	28 min	1 hr 8 m	1 hr 52 m	52 min
	Federal	58 min		1 hr	3 hr 43 m	49 min	33 min	1 hr 25 m	36 min
	Interstate	48 min		32 min	1 hr 27 m	12 min	1 hr 7 m	1 hr 21 m	54 min
	State	1 hr 20 m		1 hr 23 m	17 min	29 min	3 hr 48 m	3 hr 31 m	57 min



### INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 26 m)								
	07/07 07:33 PM	<a href="#">217341</a>	IA-14			1	4 hr 57 m	Initial report of a single vehicle crash on IA-14 NB at MM 43 in Knoxville.
	07/08 04:07 AM	<a href="#">217361</a>	IA-144			1	3 hr 48 m	Initial report of a single vehicle crash on IA-144 at MM 6 (near Perry).
	07/25 07:01 AM	<a href="#">220231</a>	I-35		1	1	4 hr 2 m	Initial report of a single vehicle crash on I-35 SB at MM 20 (near Van Wert).
	07/12 01:18 PM	<a href="#">218053</a>	I-80		1	1	3 hr 46 m	Initial report of a single vehicle crash on I-80 WB at MM 113 (near Van Meter).
	07/15 06:39 PM	<a href="#">218809</a>	I-80		1	1	7 hr 14 m	Initial report of a single vehicle crash on I-80 WB at MM 184 (near Grinnell).
	07/26 06:44 AM	<a href="#">220393</a>	IA-5			1	12 hr 59 m	Initial report of a single vehicle crash on IA-5 NB at MM 76 (near Pleasantville).
2 Vehicle Crash (Avg Impact : 1 hr 14 m)								
	07/06 04:59 AM	<a href="#">216986</a>	I-380			1	18 hr 36 m	Initial report of a 2 vehicle crash on I-380 NB/SB at MM 2 in Coralville.
	07/16 02:11 PM	<a href="#">218889</a>	I-80			2	4 hr 50 m	Initial report of a 2 vehicle crash on I-80 WB at MM 301 in Bettendorf.
3+ Vehicle Crash (Avg Impact : 1 hr 1 m)								
	07/05 04:52 PM	<a href="#">216931</a>	I-80		2		2 hr 16 m	Initial report of a 3+ vehicle crash on I-80 EB at MM 303 (near Panorama Park).
	07/20 04:07 PM	<a href="#">219547</a>	IA-100		3		2 hr 13 m	Initial report of a 3+ vehicle crash on IA-100 WB at MM 15 (near Marion).
	07/29 10:53 PM	<a href="#">221069</a>	US-65	2		1	4 hr 50 m	Initial report of a 3+ vehicle crash on US-65 at MM 211 in Kensett.
	07/31 07:15 PM	<a href="#">221196</a>	US-34		1	1	3 hr 13 m	Initial report of a single vehicle crash on US-34 WB at MM 185 (near Ottumwa).
Abandoned Vehicle (Avg Impact : 1 hr 28 m)								
	07/05 07:25 AM	<a href="#">216814</a>	I-80				3 hr 54 m	Initial report of a stalled vehicle on I-80 EB at MM 244 in Iowa City.
Debris (Avg Impact : 14 min)								
	07/20 04:06 PM	<a href="#">219546</a>	I-80				2 hr 8 m	Initial report of a debris event on I-80 WB at MM 246 in Iowa City.
Emergency Vehicles (Avg Impact : 1 hr 1 m)								
	07/23 03:35 PM	<a href="#">220108</a>	I-80				3 hr 35 m	Initial report of an emergency vehicles event on I-80 WB at MM 118 (near Waukee).
	07/21 10:07 AM	<a href="#">219650</a>	IA-136				2 hr 45 m	Initial report of an emergency vehicles event on IA-136 NB at MM 11 (near Goose Lake).
Stalled Vehicle (Avg Impact : 33 min)								
	07/08 05:15 PM	<a href="#">217522</a>	I-80			1	2 hr 26 m	Initial report of a stalled vehicle on I-80 WB at MM 119 (near Waukee).
	07/15 06:09 PM	<a href="#">218803</a>	US-61				2 hr 4 m	Initial report of a stalled vehicle on US-61 NB at MM 123 in Davenport.
	07/26 09:02 AM	<a href="#">220416</a>	US-218			1	2 hr 36 m	Initial report of a stalled vehicle on US-218 NB at MM 180 in Waterloo.

## INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Vehicle Fire (Avg Impact : 54 min)								
	07/09 10:51 PM	<a href="#">217667</a>	IA-92			1	2 hr 41 m	Initial report of a vehicle fire on IA-92 at MM 248 (near Columbus Junction).