



## TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

May 2022

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

### Executive Summary

<b>TOTAL INCIDENTS</b> The total number of incidents during the period. *		<b>TOTAL SECONDARY INCIDENTS</b> Crashes that occur within the original incident scene or resulting queue.		<b>TOTAL MULTI-VEHICLE INCIDENTS</b> The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
April	May	April	May	April	May
4,522	4,691	8	4	163	168

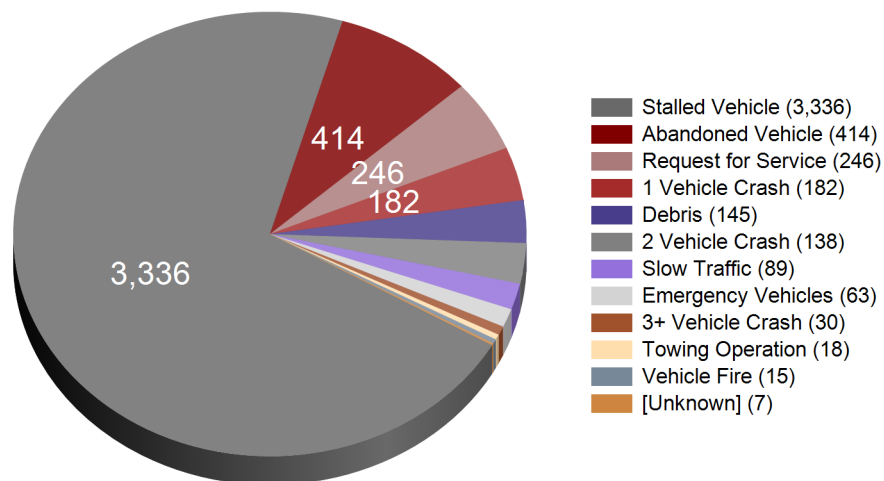
<b>LANE BLOCKAGE INCIDENTS</b> The total number of incidents which resulted in at least one blocked lane of travel.*		<b>AVERAGE CLEARANCE TIME</b> The average time for all lanes to be cleared after a crash.		<b>TOTAL HIGHWAY HELPER RESPONSES</b> The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
April	May	April	May	April	May
281	298	1 hr 5 m	1 hr 11 m	1,493	1,680

\* - excludes roadwork

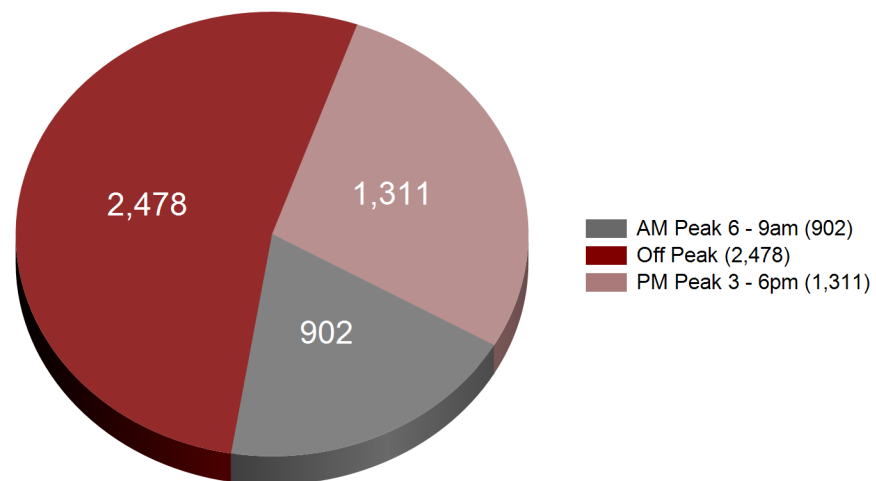
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

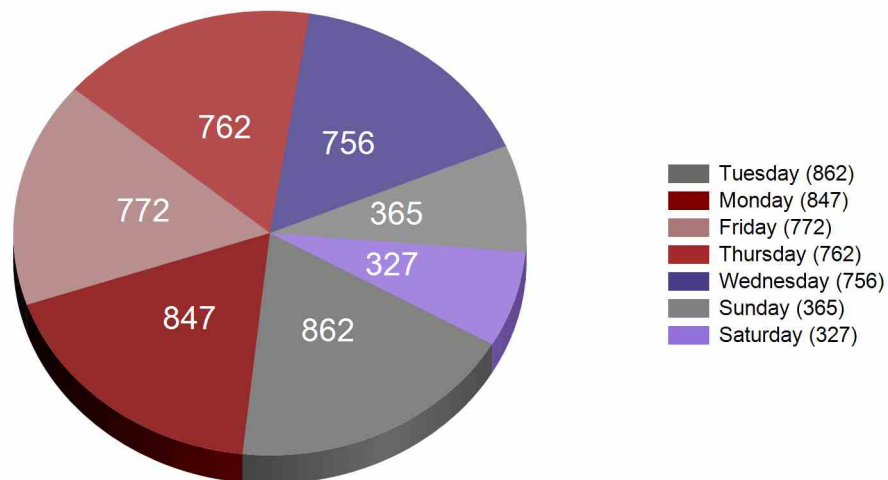
Incidents By Type



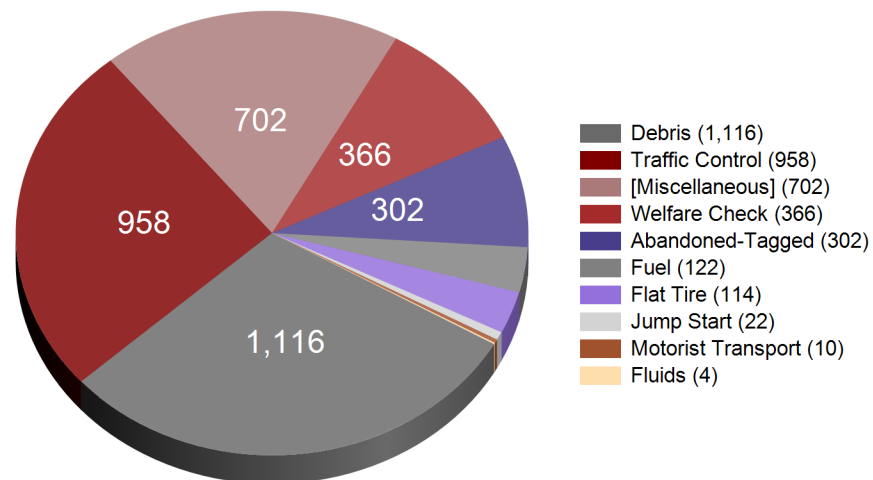
Incidents By Shift



Incidents By Day



Highway Helper Response

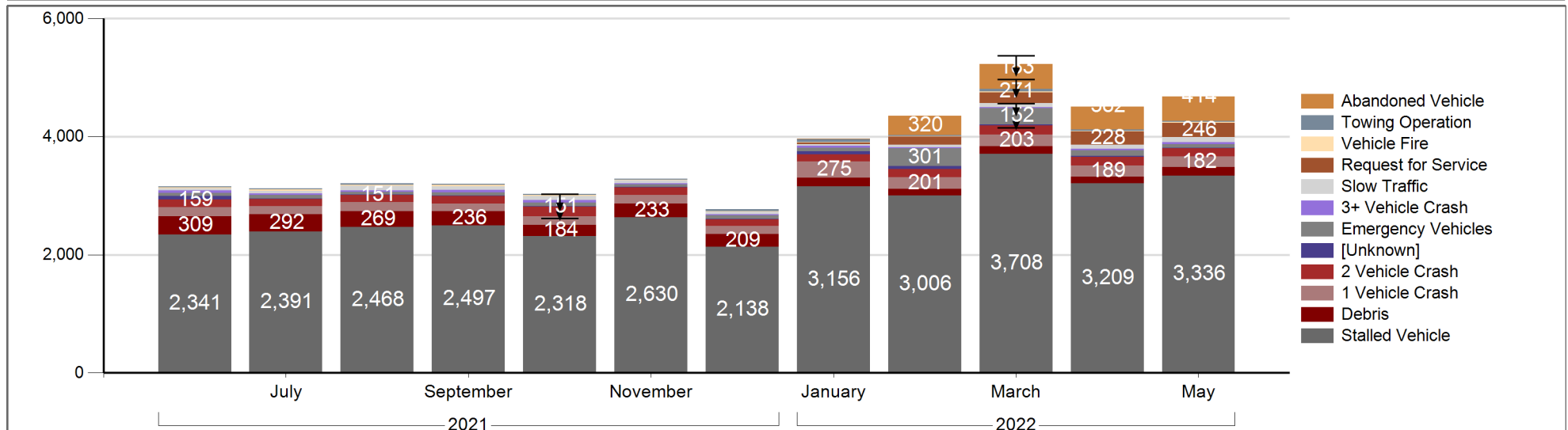


### INCIDENT TOTALS BY TYPE

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	3,336	71%	32 min		1,478	146	61	406	67	1,178
Abandoned Vehicle	414	9%	32 min		185	7	7	55	7	153
Request for Service	246	5%	6 min		91	25	25	28	17	60
1 Vehicle Crash	182	4%	1 hr 16 m		73	6	12	28	21	42
Debris	145	3%	22 min		72	3	6	12	3	49
2 Vehicle Crash	138	3%	1 hr 16 m		52	6	7	25	8	40
Slow Traffic	89	2%			65	1	1	4	0	18
Emergency Vehicles	63	1%	25 min		32	3	2	6	2	18
3+ Vehicle Crash	30	0.64%	39 min		20	2	0	1	0	7
Towing Operation	18	0.38%	3 hr 22 m		2	1	0	7	1	7
Vehicle Fire	15	0.32%	26 min		7	0	2	3	1	2
[Unknown]	7	0.15%			2	0	0	1	2	2
Total	4,683	100%	56 min		2,079	200	123	576	129	1,576

\* - Totals include Highway Helper Incidents

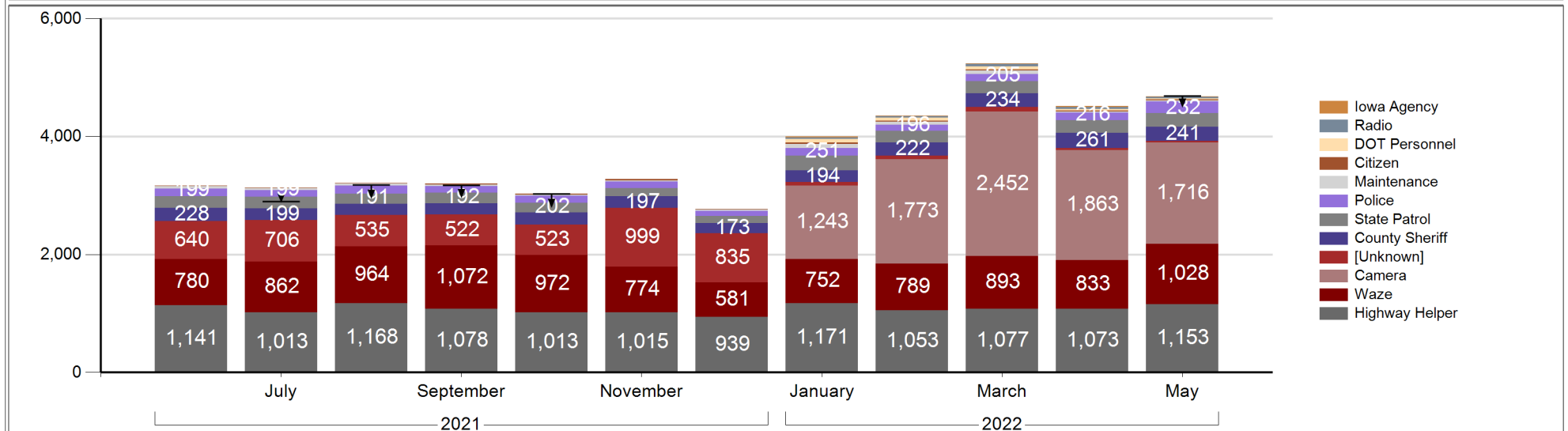


### INCIDENT TOTALS BY DETECTION TYPE

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	1,716	37%		869	108	39	165	27	508
Highway Helper	1,153	25%		370	1	0	185	0	597
Waze	1,028	22%		509	44	33	119	41	282
County Sheriff	241	5%		59	23	30	46	30	53
State Patrol	232	5%		97	11	8	40	15	61
Police	195	4%		133	8	10	1	2	41
Other	35	0.75%		8	1	0	6	4	16
Radio	26	0.55%		9	3	1	6	3	4
Maintenance	22	0.47%		8	0	1	3	0	10
DOT Personnel	19	0.41%		5	0	0	4	4	6
Citizen	15	0.32%		13	0	0	1	0	1
Iowa Agency	9	0.19%		2	1	1	1	3	1
Total	4,691	100%		2,082	200	123	577	129	1,580

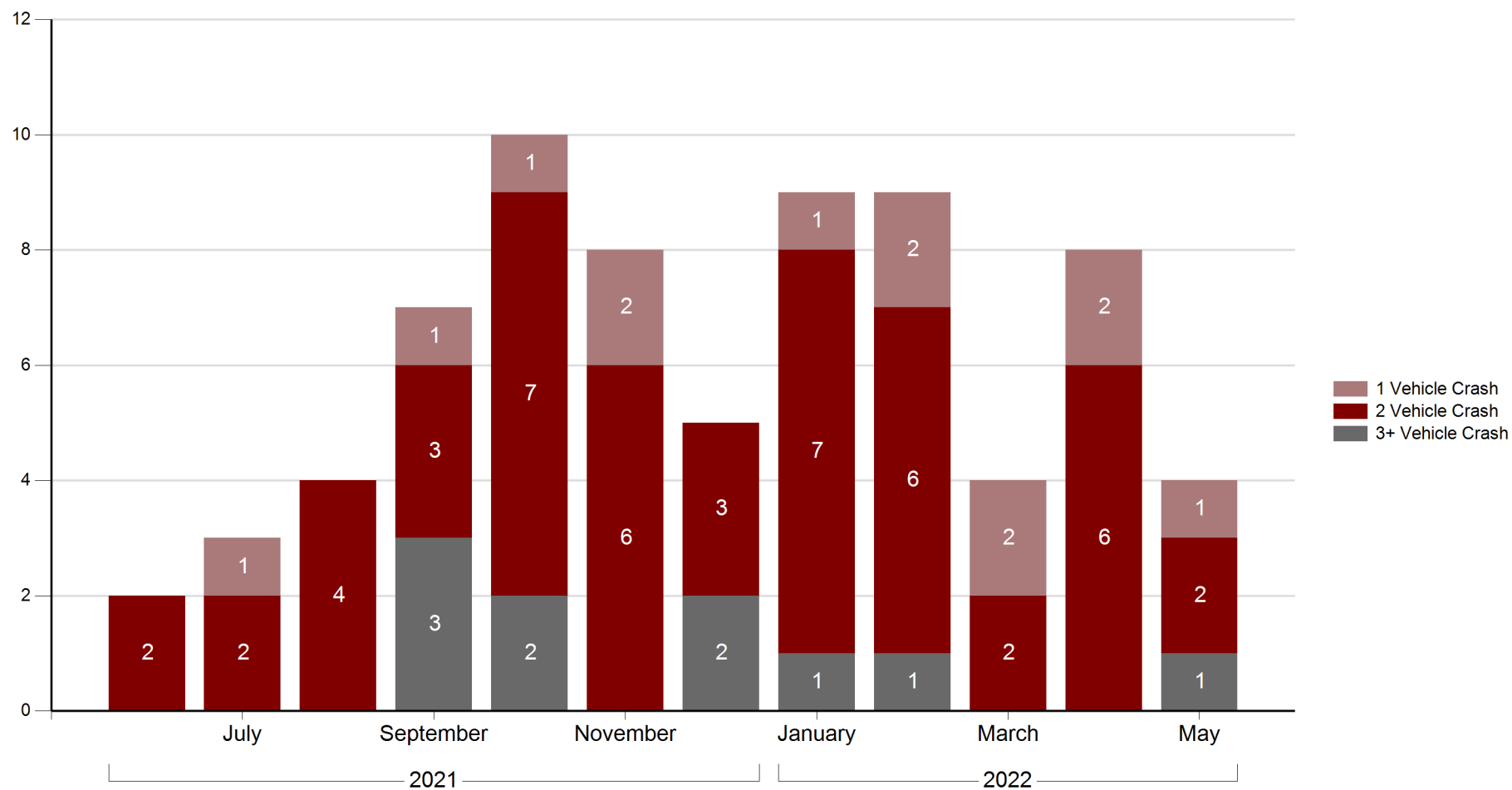
\* - Totals include Highway Helper Incidents



## SECONDARY INCIDENTS BY TYPE

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

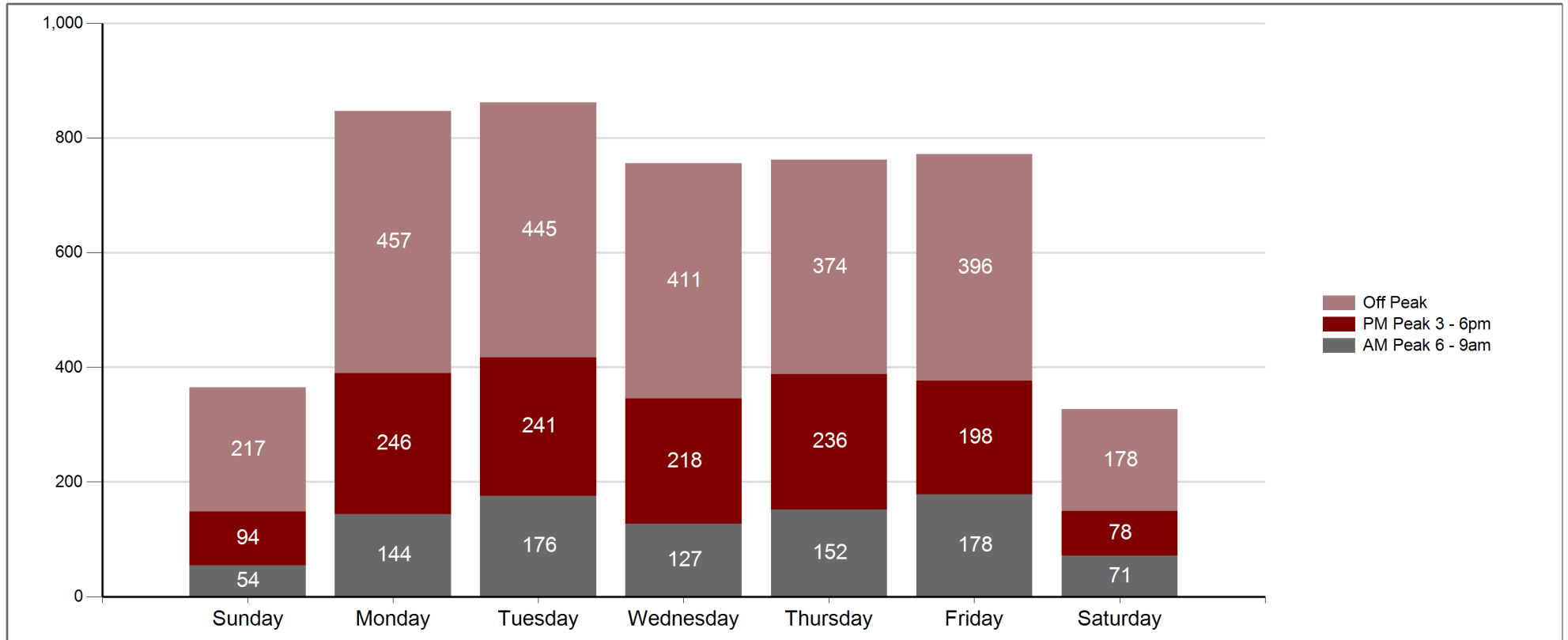
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	2	50%	1 hr 15 m		0	0	0	2	0	0
1 Vehicle Crash	1	25%			0	0	0	0	0	1
3+ Vehicle Crash	1	25%	22 min		1	0	0	0	0	0
Total	4	100%	48 min		1	0	0	2	0	1



### 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.

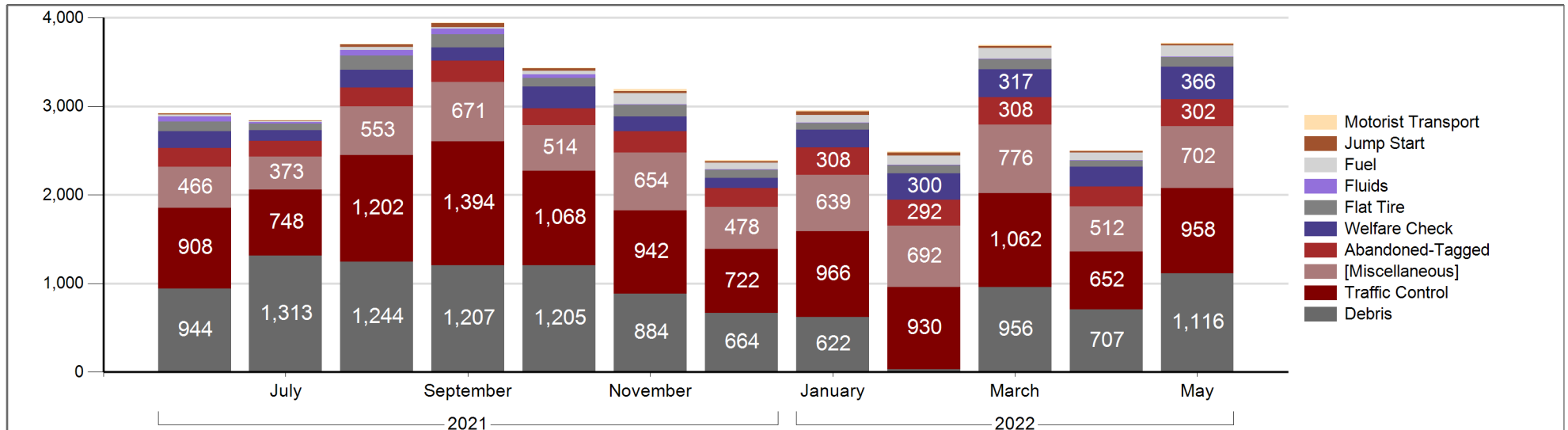
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	862	18%	1 hr		390	32	20	87	24	309
Monday	847	18%	44 min		356	43	31	105	17	295
Friday	772	16%	43 min		357	23	11	96	20	265
Thursday	762	16%	49 min		297	33	26	97	24	285
Wednesday	756	16%	59 min		334	33	17	97	24	251
Sunday	365	8%	1 hr 23 m		180	20	9	47	11	98
Saturday	327	7%	1 hr 4 m		168	16	9	48	9	77
Total	4,691	100%	1 hr		2,082	200	123	577	129	1,580



### 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	1,116	30%	16 min		373	287	107	283
Traffic Control	958	26%	40 min		418	96	118	96
[Miscellaneous]	702	19%	34 min		283	76	93	99
Welfare Check	366	10%	7 min		138	34	54	60
Abandoned-Tagged	302	8%	12 min		130	40	24	52
Fuel	122	3%	6 min		60	8	16	16
Flat Tire	114	3%	34 min		76	6	14	4
Jump Start	22	0.59%			8	4	0	0
Motorist Transport	10	0.27%			1	1	3	0
Fluids	4	0.11%			3	1	0	0
Total	3,716	100%	32 min		1,490	553	429	610

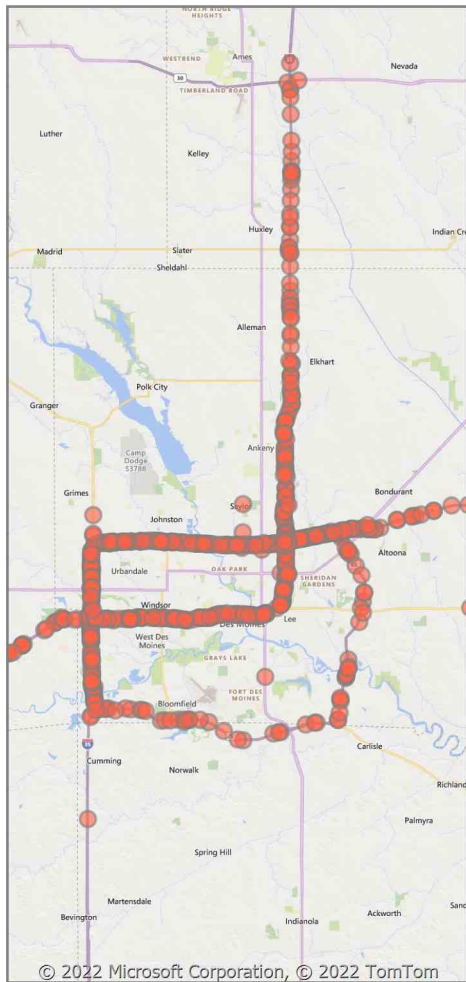




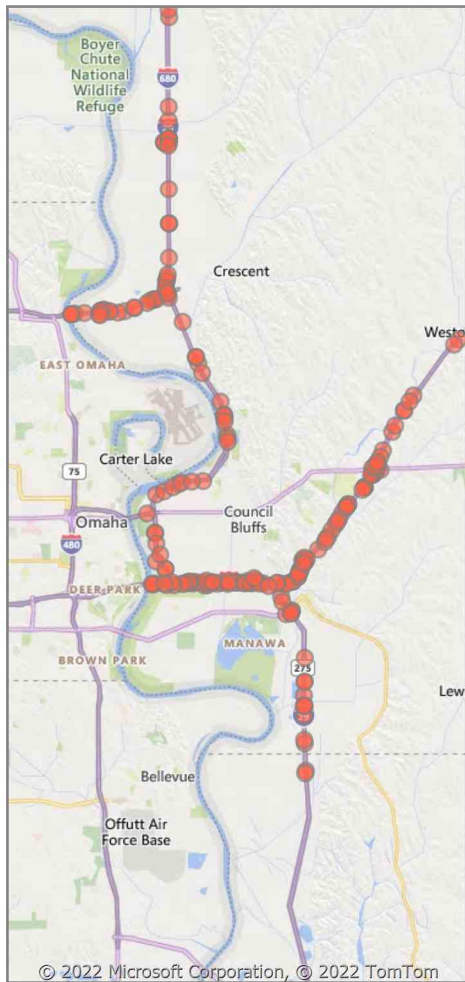
## HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

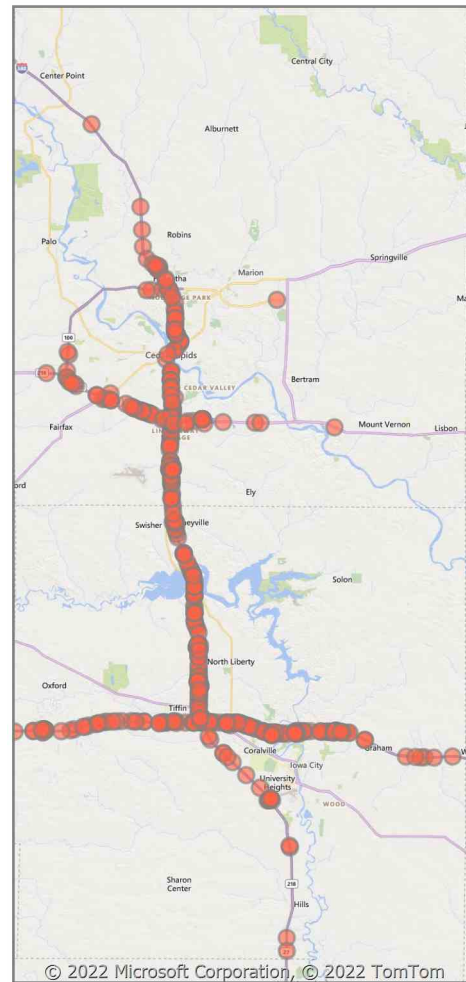
### DES MOINES



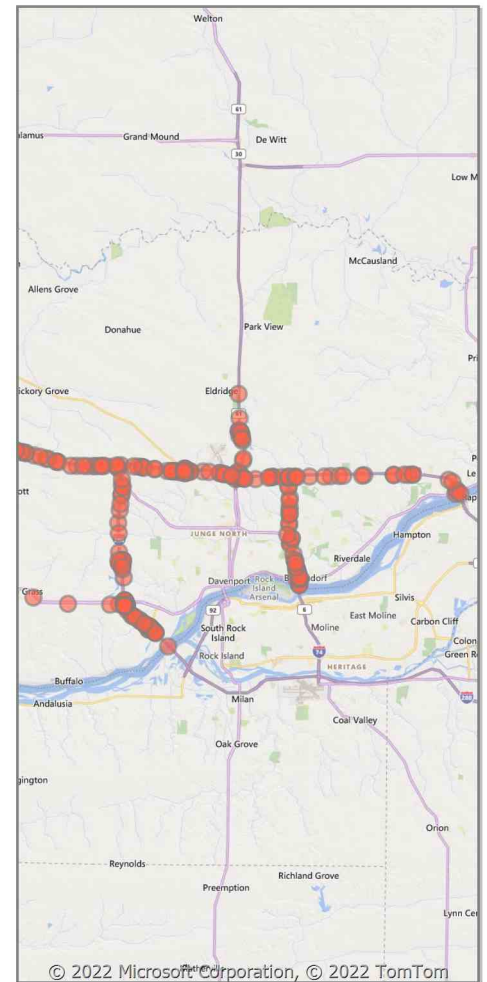
### COUNCIL BLUFFS



### CEDAR RAPIDS / IOWA CITY



### DAVENPORT



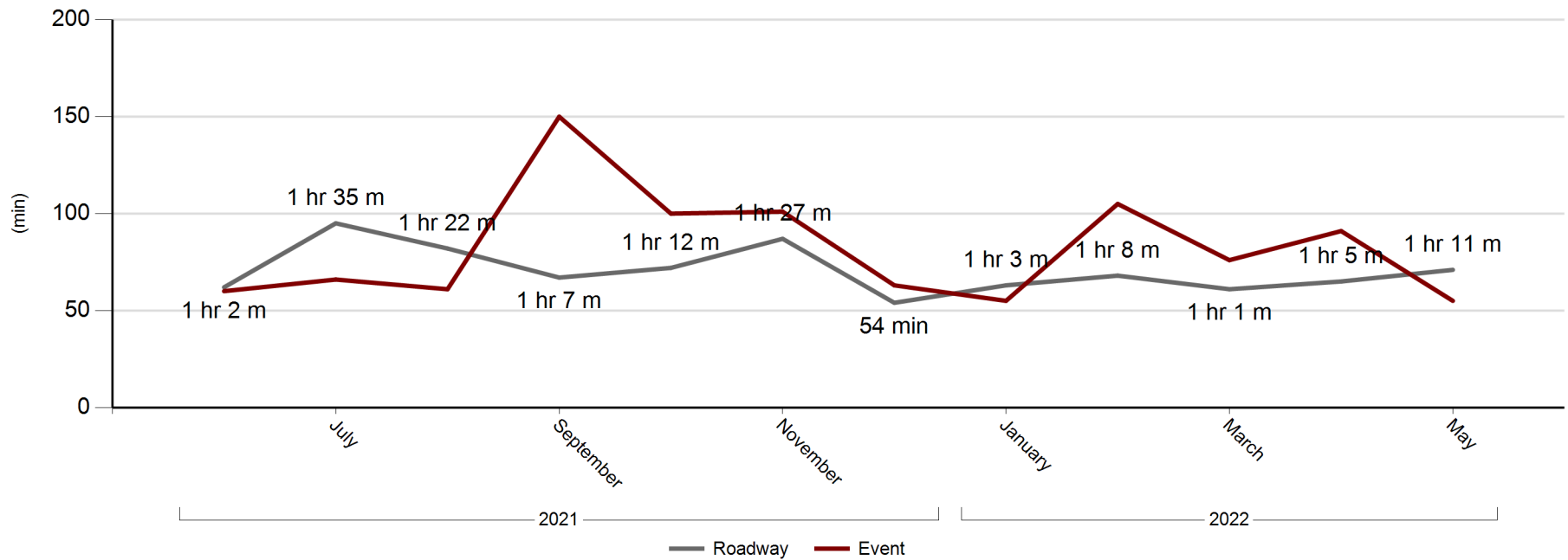


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

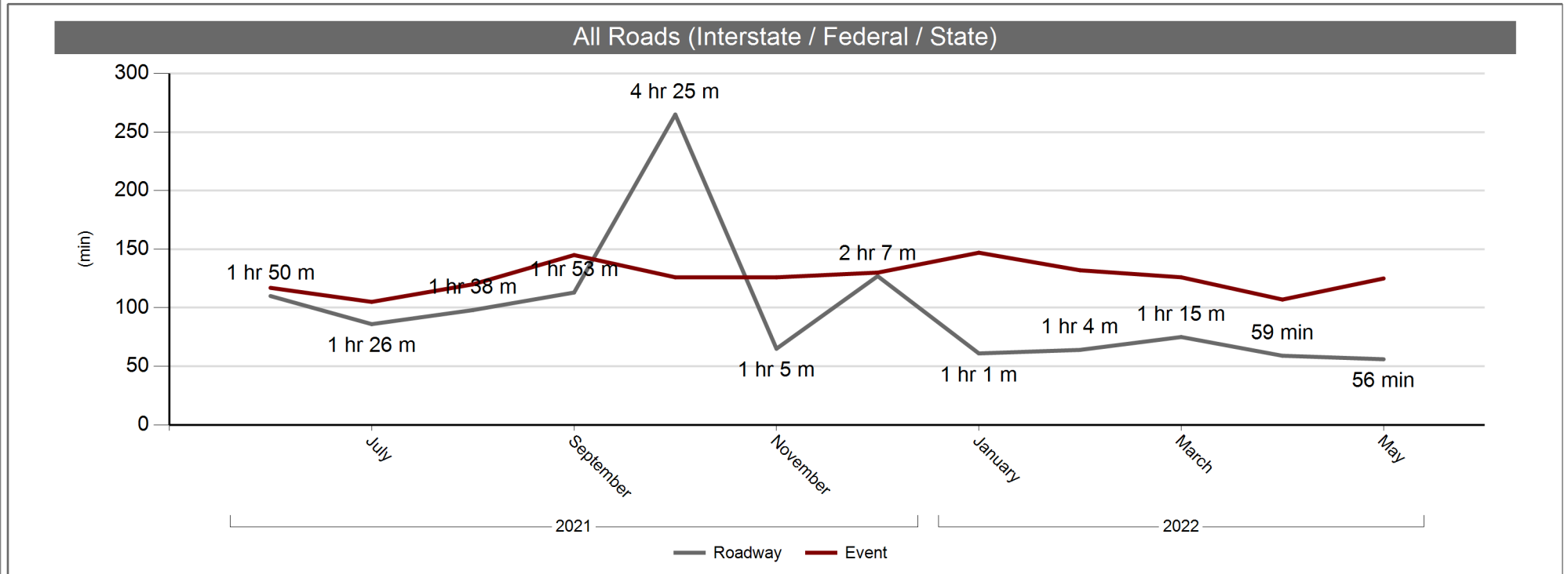
Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	<b>55 min</b>		52 min	1 hr 48 m	2 hr 13 m	47 min	28 min	55 min
	Federal	1 hr 1 m		42 min	1 hr 48 m		5 min		1 hr 23 m
	Interstate	53 min		54 min			52 min	28 min	53 min
	State	1 hr 1 m		51 min		2 hr 13 m	58 min		35 min
Roadway	All	<b>1 hr 11 m</b>		49 min	1 hr 57 m	1 hr 46 m	1 hr 59 m	1 hr 36 m	49 min
	Federal	1 hr 13 m		47 min	1 hr 46 m	51 min	1 hr 25 m	1 hr 29 m	1 hr 8 m
	Interstate	1 hr 9 m		51 min	34 min	2 hr 43 m	2 hr 16 m	1 hr 19 m	45 min
	State	1 hr 17 m		41 min	3 hr 53 m	2 hr 13 m	1 hr 36 m	1 hr 51 m	34 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 5 m		1 hr 37 m	2 hr 33 m	1 hr 5 m	1 hr 54 m	13 hr 40 m	2 hr 14 m
	Federal	36 min		23 min	1 hr 10 m	15 min	10 min		46 min
	Interstate	2 hr 33 m		1 hr 54 m	6 hr 43 m		2 hr 31 m	13 hr 40 m	2 hr 35 m
	State	45 min		37 min		1 hr 17 m	42 min		35 min
Roadway	All	56 min		36 min	1 hr 25 m	1 hr 9 m	1 hr 35 m	1 hr 27 m	46 min
	Federal	54 min		34 min	1 hr 1 m	1 hr	1 hr 10 m	1 hr 15 m	48 min
	Interstate	57 min		37 min	2 hr 29 m	1 hr 12 m	1 hr 46 m	1 hr 23 m	48 min
	State	55 min		34 min	1 hr 28 m	1 hr 17 m	1 hr 12 m	1 hr 51 m	27 min



**INCIDENTS (CLEARANCE TIME DEVIATION)**

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 16 m)								
	05/01 12:07 PM	<a href="#">206787</a>	US-218				3 hr 40 m	Initial report of a single vehicle crash on US-218 SB at MM 73 (near Ainsworth).
	05/25 02:40 AM	<a href="#">210445</a>	I-80			1	3 hr 13 m	Initial report of a single vehicle crash on I-80 EB at MM 216 (near Williamsburg).
	05/14 02:51 AM	<a href="#">208926</a>	I-80			1	4 hr 23 m	Initial report of a single vehicle crash on I-80 WB at MM 176 (near Oakland Acres).
	05/11 05:06 PM	<a href="#">208430</a>	I-880		1	1	4 hr 4 m	Initial report of a single vehicle crash on I-880 WB at MM 29 (near Minden).
	05/05 05:21 AM	<a href="#">207348</a>	I-29			1	6 hr 32 m	Initial report of a single vehicle crash on I-29 SB at MM 34 (near Pacific Junction).
	05/25 01:18 AM	<a href="#">210444</a>	I-80			1	3 hr 22 m	Initial report of a single vehicle crash on I-80 EB at MM 132 (near Johnston).
	05/15 06:06 AM	<a href="#">209013</a>	I-29			2	2 hr 43 m	Initial report of a single vehicle crash on I-29 SB at MM 132 (near Salix).
	05/21 10:04 PM	<a href="#">210003</a>	I-29				3 hr 50 m	Initial report of a single vehicle crash on I-29 NB at MM 24 (near Thurman).
	05/24 03:10 AM	<a href="#">210273</a>	IA-92		1	1	4 hr 50 m	Initial report of a single vehicle crash on IA-92 EB at MM 257 (near Grandview).
	05/25 12:35 PM	<a href="#">210535</a>	US-275			1	5 hr 2 m	Initial report of a single vehicle crash on US-275 SB at MM 30 (near Glenwood).
2 Vehicle Crash (Avg Impact : 1 hr 16 m)								
	05/01 06:39 AM	<a href="#">206772</a>	US-151		1		2 hr 57 m	Initial report of a 2 vehicle crash on US-151 NB at MM 48 (near Martelle).
	05/01 07:16 AM	<a href="#">206774</a>	I-80			2	2 hr 46 m	Initial report of a 2 vehicle crash on I-80 EB at MM 117 (near Waukeet).
	05/03 10:46 PM	<a href="#">207154</a>	I-35	1	2		3 hr 7 m	Initial report of a 2 vehicle crash on I-35 SB at MM 70 in West Des Moines.
	05/05 03:59 PM	<a href="#">207435</a>	I-380	1	2		3 hr 55 m	Initial report of a 2 vehicle crash on I-380 SB at MM 17 in Cedar Rapids.
	05/10 03:18 AM	<a href="#">208059</a>	US-65		1		2 hr 51 m	Initial report of a 2 vehicle crash on US-65 NB at MM 194 in Mason City.
	05/14 06:06 PM	<a href="#">208985</a>	I-29	1		1	5 hr 11 m	Initial report of a 2 vehicle crash on I-29 SB at MM 70 (near Missouri Valley).
	05/24 08:56 PM	<a href="#">210428</a>	I-80		1		2 hr 35 m	Initial report of a 2 vehicle crash on I-80 WB at MM 255 (near West Branch).
	05/22 03:36 AM	<a href="#">210009</a>	I-80			2	5 hr 2 m	Initial report of a 2 vehicle crash on I-80 WB at MM 91 (near Stuart).
	05/29 11:06 AM	<a href="#">211184</a>	I-80	1			4 hr 13 m	Initial report of a 2 vehicle crash on I-80 EB at MM 34 (near Shelby).
	05/30 12:26 PM	<a href="#">211279</a>	IA-25	1	1		2 hr 57 m	Initial report of a 2 vehicle crash on IA-25 NB/SB at MM 69 (near Menlo).
Debris (Avg Impact : 22 min)								
	05/09 02:24 PM	<a href="#">207973</a>	I-80				3 hr 8 m	Initial report of a request for service on I-80 EB at MM 243 in Coralville.
	05/30 10:42 PM	<a href="#">211382</a>	US-71				2 hr 36 m	Initial report of a debris event on US-71 NB at MM 70 (near Brayton).
Stalled Vehicle (Avg Impact : 32 min)								
	05/03 03:51 AM	<a href="#">207001</a>	I-80			1	4 hr 10 m	Initial report of a stalled vehicle on I-80 WB at MM 173 (near Kellogg).

# INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 32 min)								
	05/16 03:31 PM	<a href="#">209197</a>	I-80			1	2 hr 11 m	Initial report of a stalled vehicle on I-80 WB at MM 300 in Bettendorf.
Towing Operation (Avg Impact : 3 hr 22 m)								
	05/04 09:50 PM	<a href="#">207327</a>	I-80			1	6 hr 32 m	Initial report of a towing operation on I-80 WB at MM 234 (near Oxford).