



## TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

February 2022

This report contains statistical and operational data for TMC activities from the period of February 01, 2022 to February 28, 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
January	February	January	February	January	February
4,015	4,363	9	9	152	161

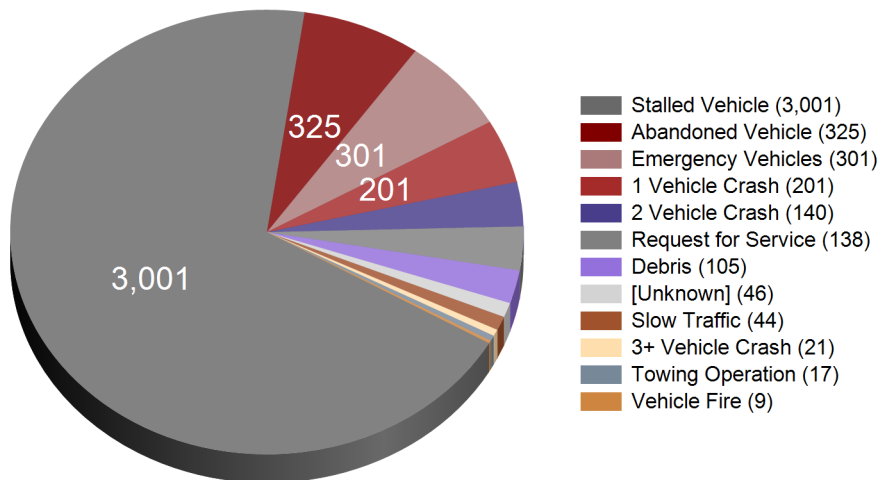
<b>LANE BLOCKAGE INCIDENTS</b> The total number of incidents which resulted in at least one blocked lane of travel.*		<b>AVERAGE CLEARANCE TIME</b> The average time for all lanes to be cleared after a crash.		<b>TOTAL HIGHWAY HELPER RESPONSES</b> The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
January	February	January	February	January	February
319	244	1 hr 3 m	1 hr 8 m	1,539	1,491

\* - excludes roadwork

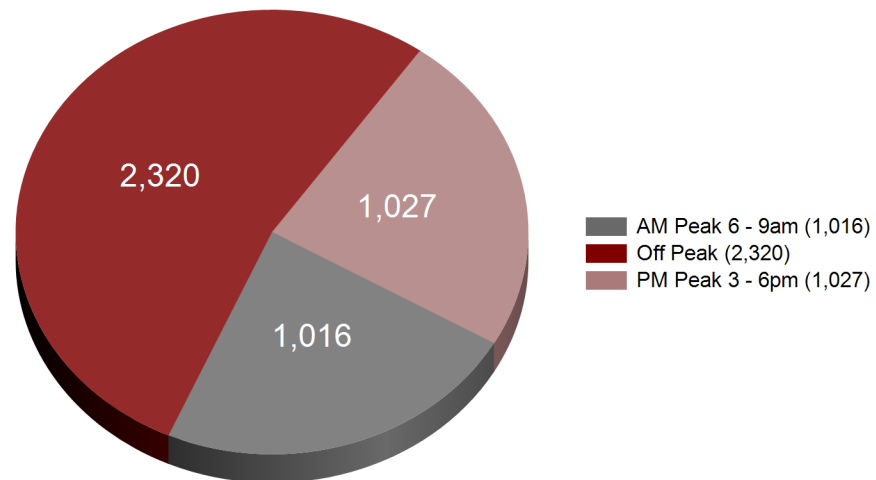
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

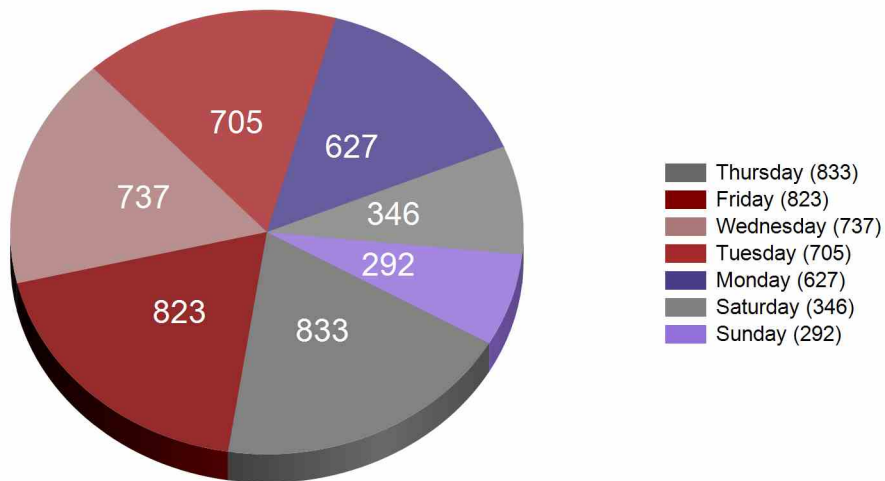
Incidents By Type



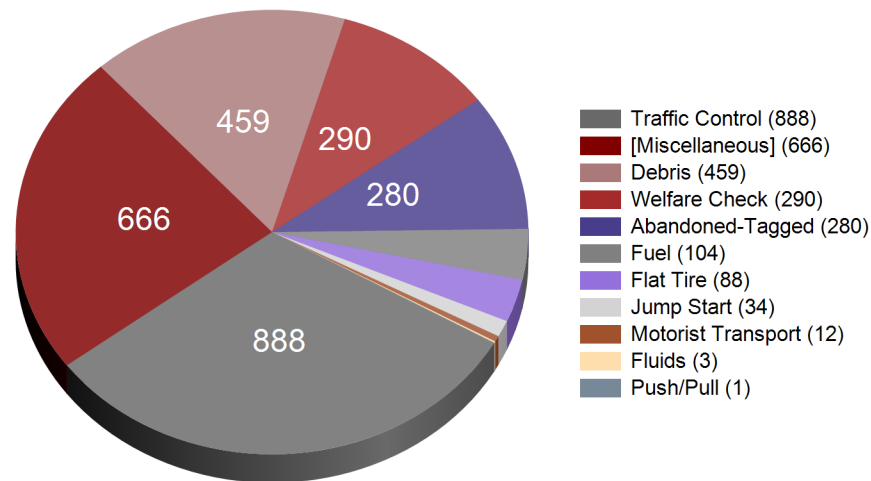
Incidents By Shift



Incidents By Day



Highway Helper Response

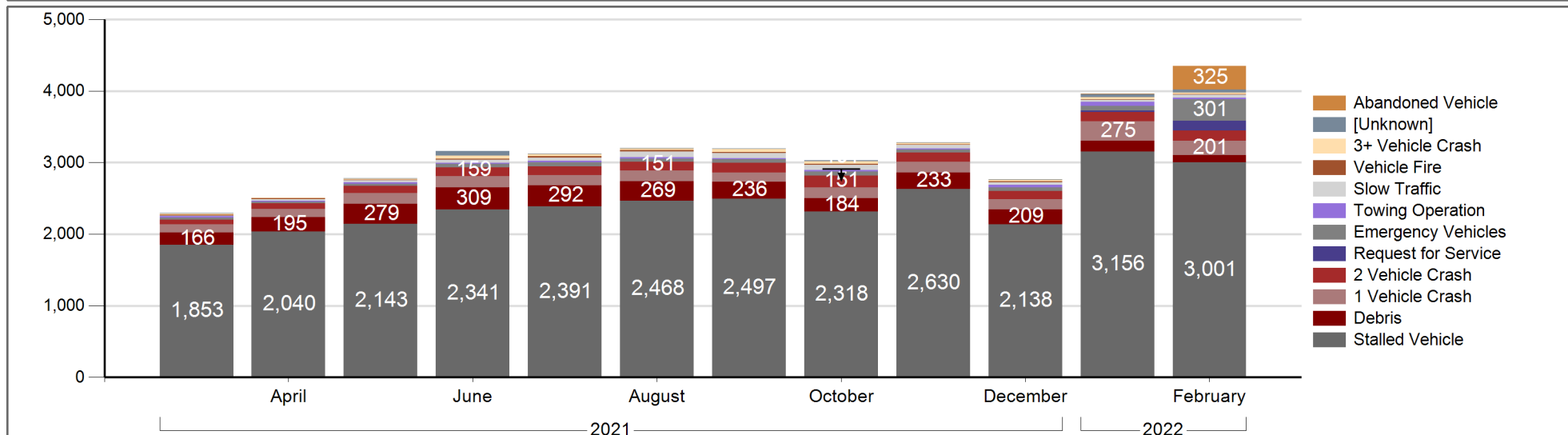


### INCIDENT TOTALS BY TYPE

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	3,001	69%	37 min		1,267	96	33	424	77	1,103
Abandoned Vehicle	325	7%	8 hr 12 m		174	1	3	36	7	104
Emergency Vehicles	301	7%	1 hr 9 m		154	9	9	23	50	56
1 Vehicle Crash	201	5%	1 hr 9 m		81	21	8	26	9	56
2 Vehicle Crash	140	3%	1 hr 10 m		55	8	5	20	12	40
Request for Service	138	3%			45	8	22	19	13	30
Debris	105	2%	11 min		34	2	4	18	3	44
[Unknown]	46	1%	22 min		28	0	3	4	1	10
Slow Traffic	44	1%			27	1	1	0	1	14
3+ Vehicle Crash	21	0.48%	53 min		8	1	1	3	2	5
Towing Operation	17	0.39%	2 hr 39 m		3	1	0	5	3	4
Vehicle Fire	9	0.21%	39 min		3	0	1	3	1	1
Total	4,348	100%	1 hr 4 m		1,879	148	90	581	179	1,467

\* - Totals include Highway Helper Incidents

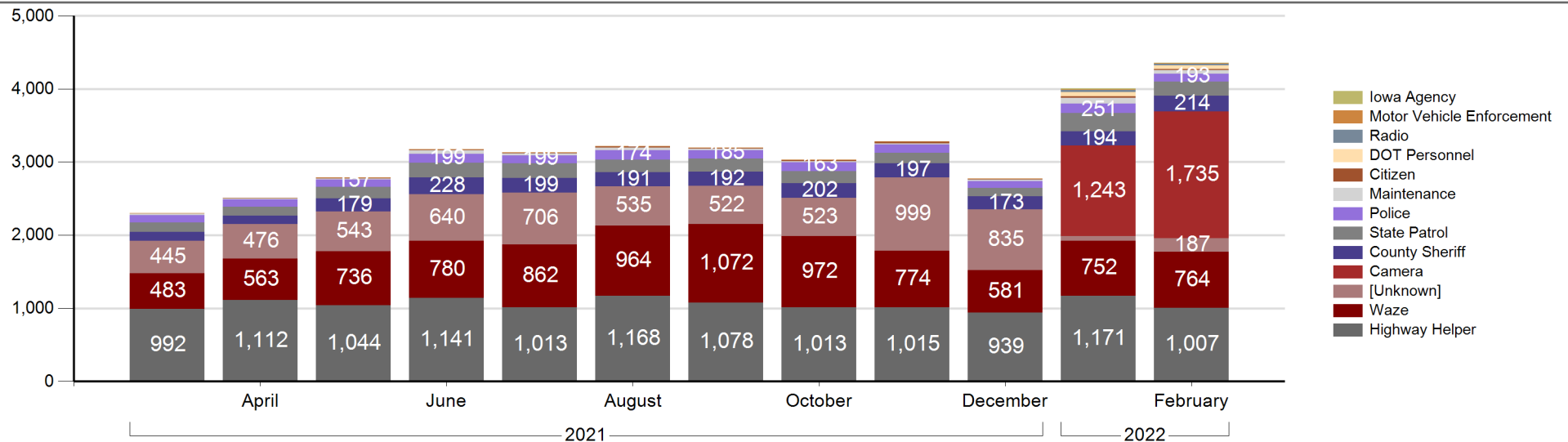


**INCIDENT TOTALS BY DETECTION TYPE**

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	1,735	40%		865	65	24	216	90	474
Highway Helper	1,007	23%		292	1	0	169	3	541
Waze	764	18%		382	35	19	84	35	209
County Sheriff	214	5%		51	24	22	33	17	65
Other	197	5%		89	1	6	36	5	58
State Patrol	193	4%		79	13	6	33	12	50
Police	105	2%		62	3	11	1	2	26
DOT Personnel	50	1%		21	2	2	4	2	19
Maintenance	50	1%		22	1	0	4	7	16
Radio	25	0.57%		6	3	0	3	3	10
Citizen	13	0.30%		9	0	0	0	3	1
Iowa Agency	10	0.23%		3	0	0	3	2	2
Total	4,363	100%		1,881	148	90	586	181	1,471

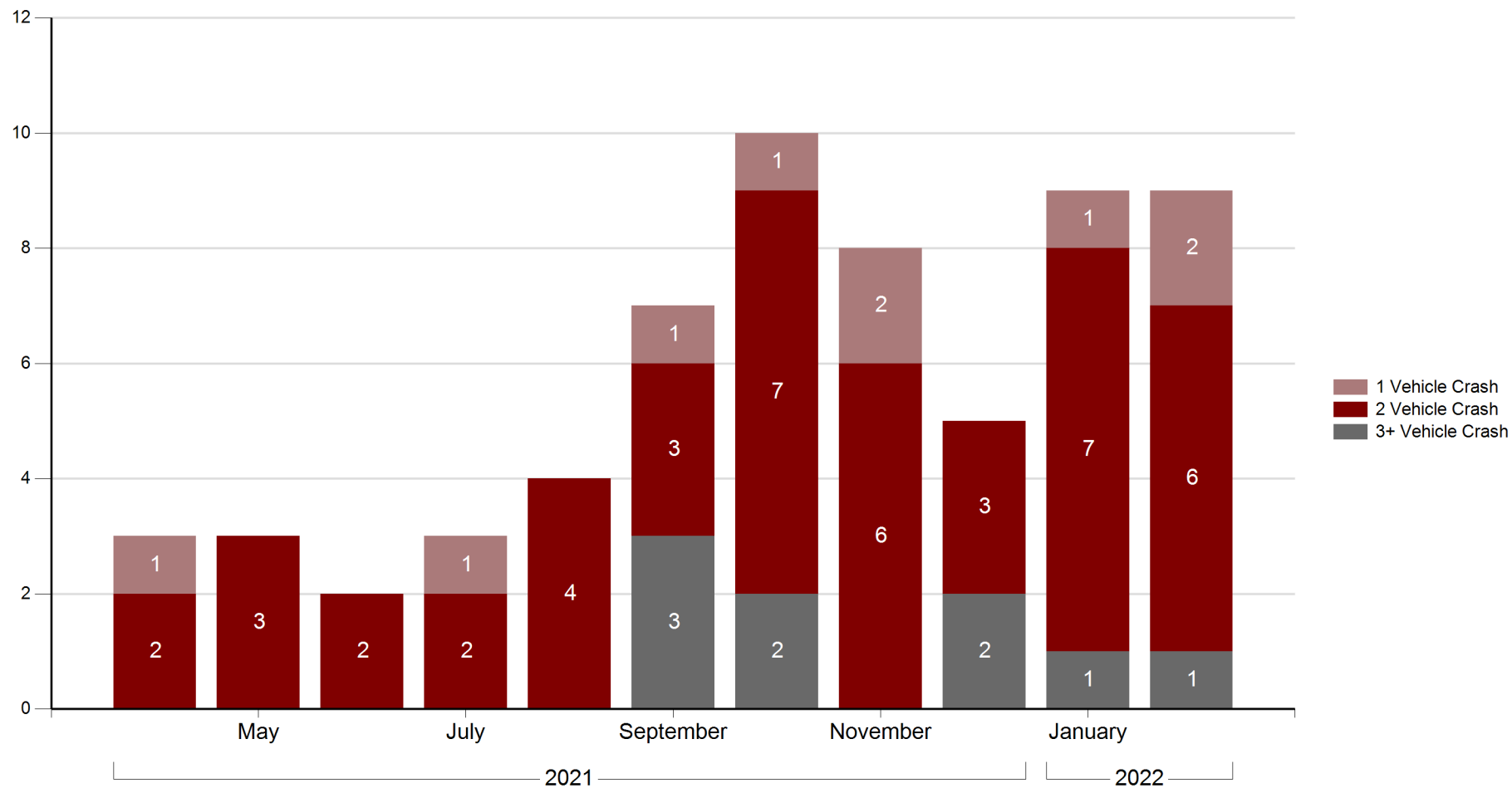
\* - Totals include Highway Helper Incidents



## SECONDARY INCIDENTS BY TYPE

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

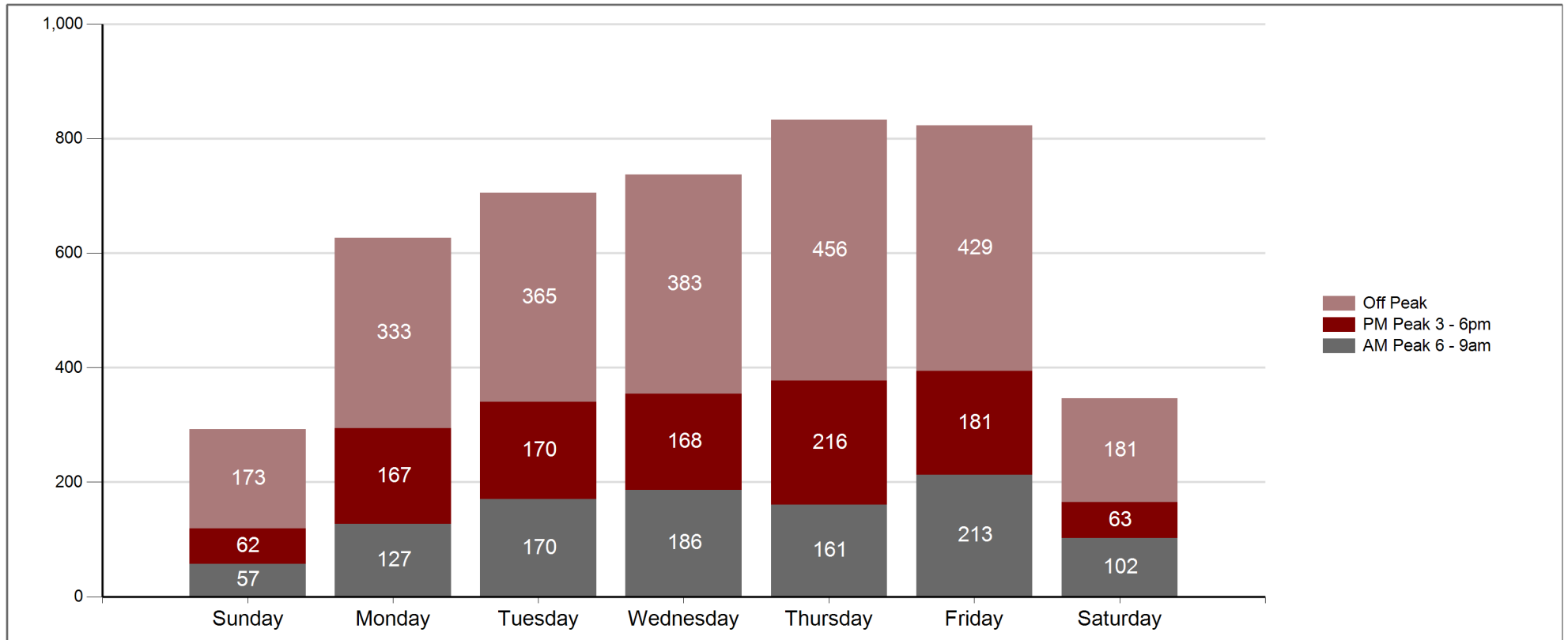
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	6	67%	1 hr 8 m		4	0	0	1	0	1
1 Vehicle Crash	2	22%			1	1	0	0	0	0
3+ Vehicle Crash	1	11%	15 min		1	0	0	0	0	0
Total	9	100%	55 min		6	1	0	1	0	1



### 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.

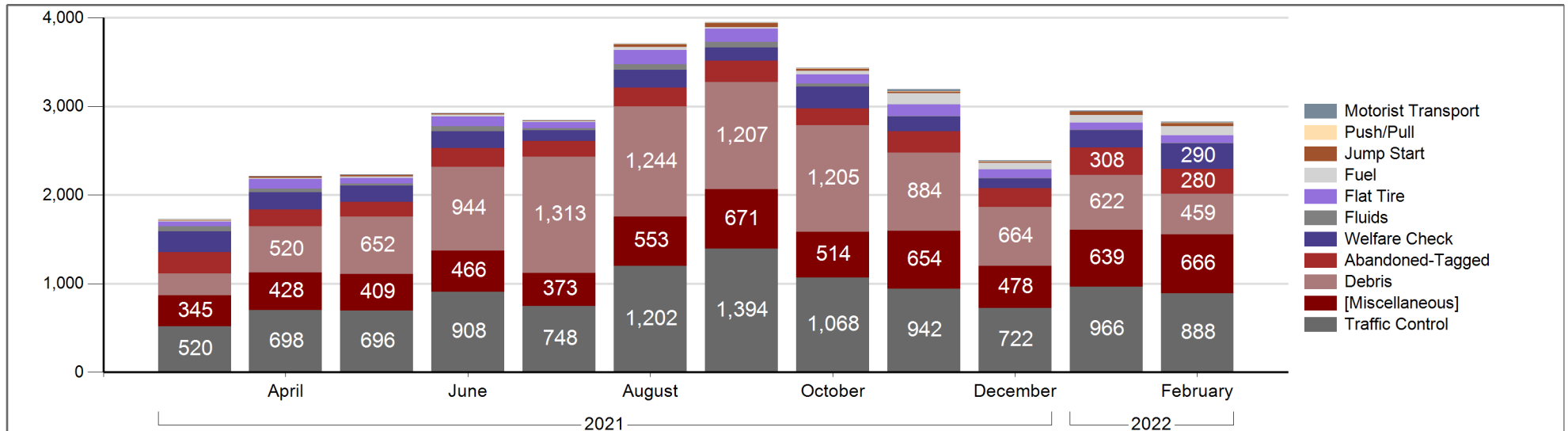
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Thursday	833	19%	52 min		387	21	19	109	36	258
Friday	823	19%	46 min		373	30	11	97	37	275
Wednesday	737	17%	1 hr 18 m		294	26	8	100	56	253
Tuesday	705	16%	45 min		252	36	7	99	15	294
Monday	627	14%	1 hr 51 m		271	18	34	98	21	185
Saturday	346	8%	1 hr 31 m		149	12	4	48	8	125
Sunday	292	7%	55 min		155	5	7	35	8	81
Total	4,363	100%	52 min		1,881	148	90	586	181	1,471



### 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	888	31%	59 min		362	62	194	72
[Miscellaneous]	666	24%	54 min		257	53	168	76
Debris	459	16%	22 min		134	160	50	54
Welfare Check	290	10%	52 min		99	28	77	54
Abandoned-Tagged	280	10%	1 hr 13 m		126	28	54	30
Fuel	104	4%	41 min		44	10	32	6
Flat Tire	88	3%			54	10	14	2
Jump Start	34	1%			14	4	8	2
Motorist Transport	12	0.42%			4	0	5	2
Fluids	3	0.11%			2	0	1	0
Push/Pull	1	0.04%	26 min		0	0	1	0
Total	2,825	100%	55 min		1,096	355	604	298

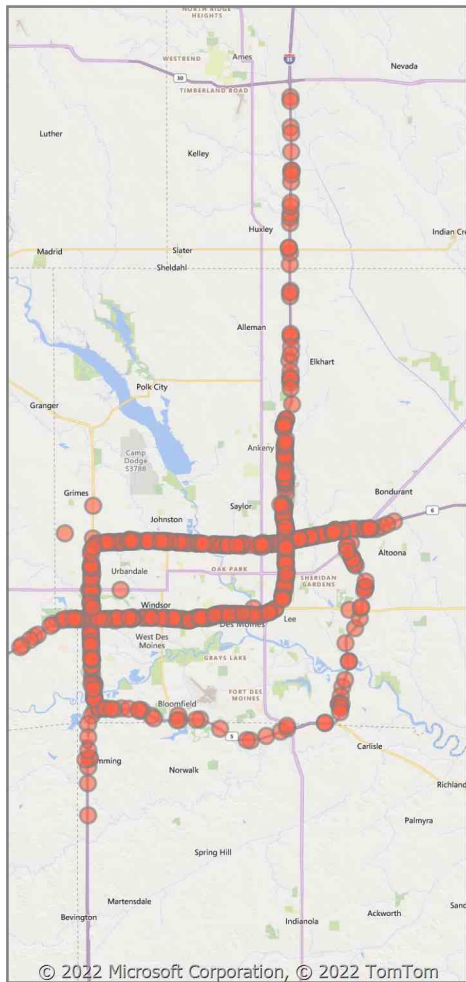




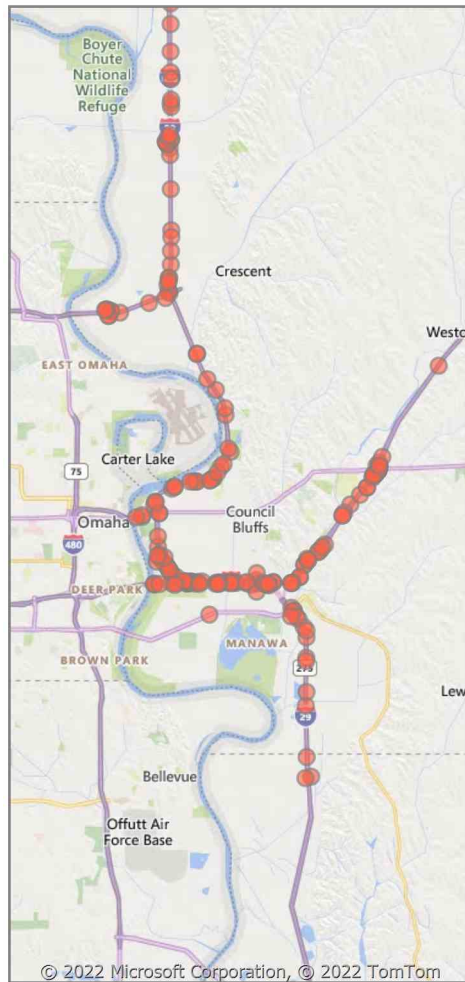
## HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

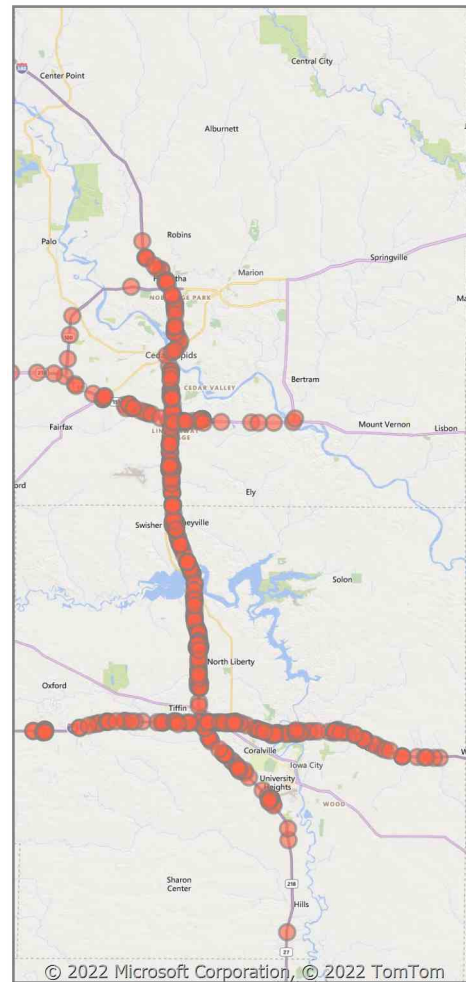
### DES MOINES



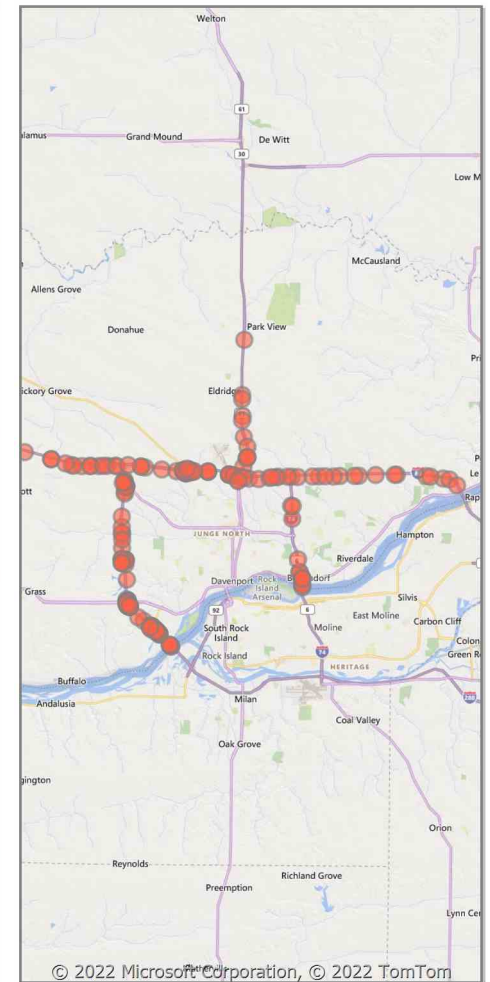
### COUNCIL BLUFFS



### CEDAR RAPIDS / IOWA CITY



### DAVENPORT



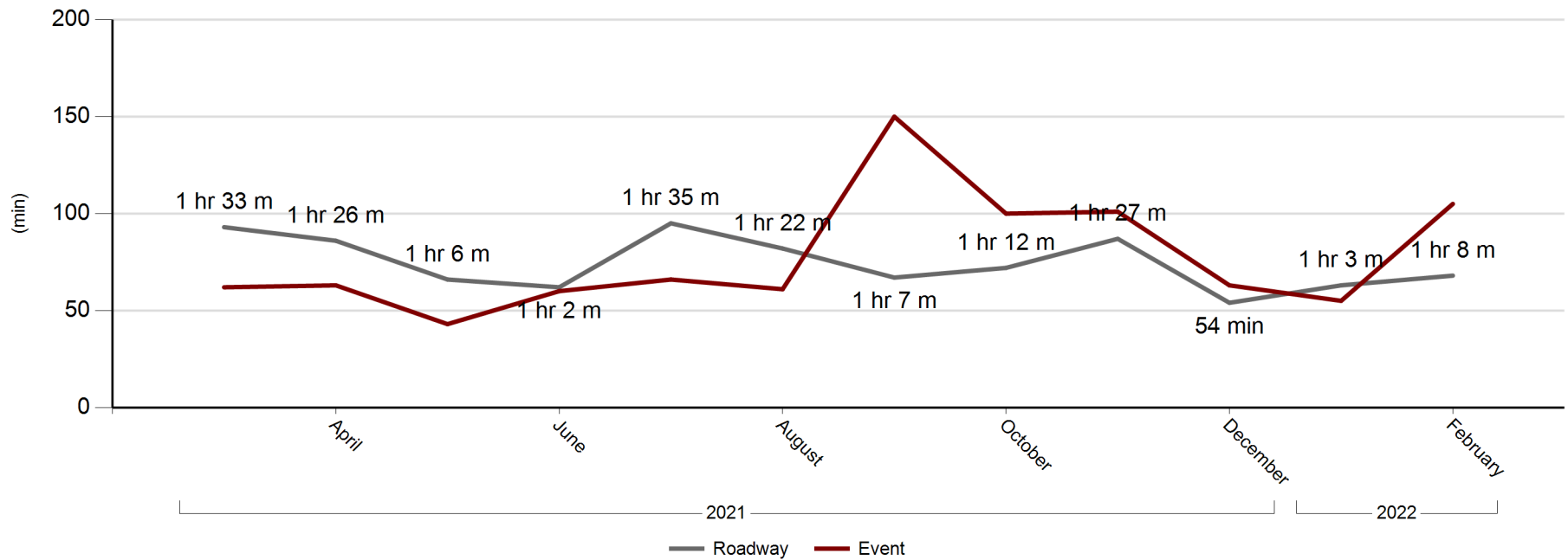


### INCIDENT CLEARANCE TIMES (CRASHES ONLY)

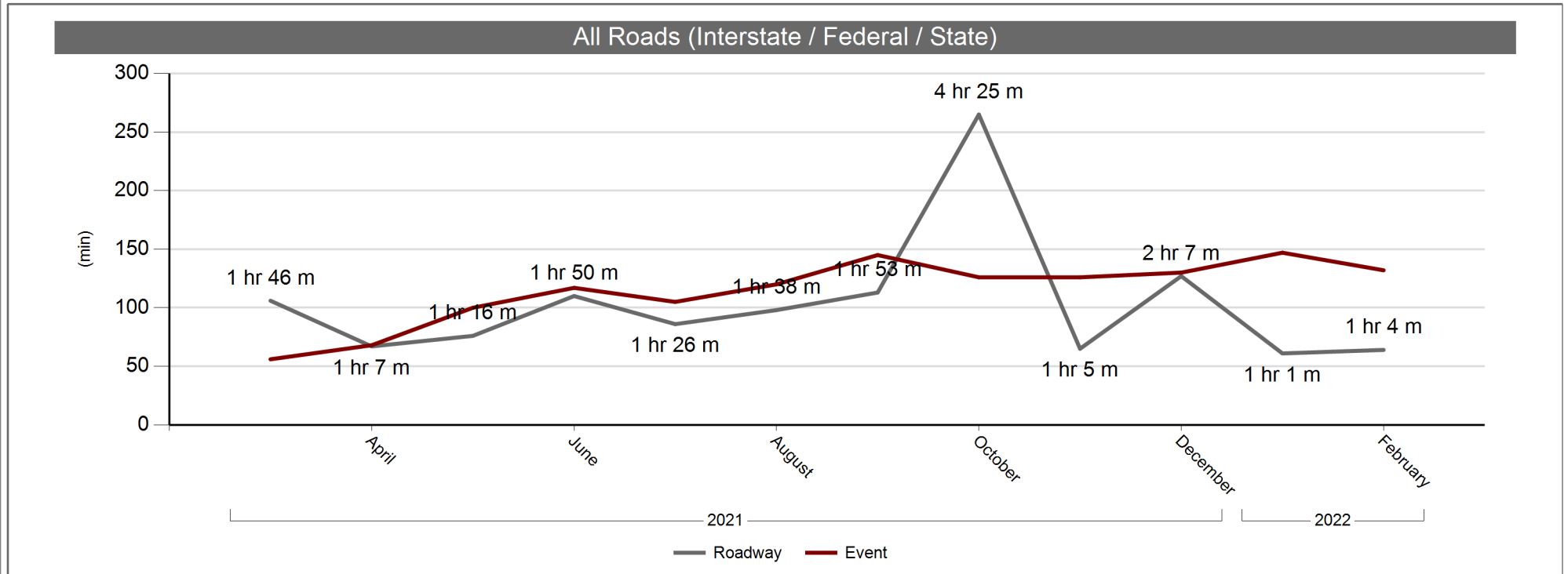
Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	<b>1 hr 45 m</b>		1 hr 38 m	1 hr 22 m	1 hr 10 m	1 hr 49 m	1 hr 31 m	2 hr 8 m
	Federal	1 hr 6 m		40 min	1 hr 58 m	35 min	1 hr 34 m	1 hr 21 m	45 min
	Interstate	2 hr 4 m		2 hours	46 min		2 hr 4 m	1 hr 57 m	2 hr 17 m
	State	1 hr 15 m		57 min		1 hr 46 m		1 hr 9 m	
Roadway	All	<b>1 hr 8 m</b>		44 min	1 hr 25 m	1 hr 56 m	1 hr 22 m	2 hours	55 min
	Federal	1 hr 18 m		50 min	1 hr 34 m	1 hr 42 m	1 hr 31 m	1 hr 38 m	1 hr 30 m
	Interstate	53 min		43 min	48 min		1 hr 19 m	1 hr 32 m	47 min
	State	1 hr 34 m		32 min	2 hr 13 m	2 hr 4 m		2 hr 39 m	51 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 12 m</b>		1 hr 13 m	1 hr 22 m	59 min	5 hr 13 m	1 hr 36 m	2 hr 3 m
	Federal	46 min		30 min	1 hr 58 m	35 min	52 min	1 hr 21 m	20 min
	Interstate	2 hr 47 m		1 hr 26 m	46 min	15 min	7 hr 10 m	1 hr 19 m	2 hr 32 m
	State	1 hr		44 min		1 hr 46 m	11 min	2 hr 41 m	14 min
Roadway	All	<b>1 hr 4 m</b>		38 min	1 hr 45 m	1 hr 38 m	1 hr 43 m	1 hr 36 m	47 min
	Federal	1 hr 2 m		40 min	1 hr 34 m	1 hr 25 m	1 hr	1 hr 34 m	1 hr 1 m
	Interstate	1 hr		40 min	59 min	16 min	1 hr 54 m	1 hr 6 m	45 min
	State	1 hr 20 m		26 min	3 hr 48 m	2 hr 4 m	1 hr 6 m	2 hr 17 m	36 min



### INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 9 m)								
	02/07 10:32 AM	<a href="#">193206</a>	IA-346	1	1		2 hr 13 m	Initial report of a single vehicle crash on IA-346 EB at MM 8 (near Ionia).
	02/08 09:17 AM	<a href="#">193364</a>	US-63	1		1	2 hr 36 m	Initial report of a single vehicle crash on US-63 SB at MM 182 (near Tripoli).
	02/10 03:04 AM	<a href="#">193685</a>	I-35			1	2 hr 40 m	Initial report of a single vehicle crash on I-35 SB at MM 58 (near Bevington).
	02/16 02:26 AM	<a href="#">194704</a>	I-29	1	1		3 hr 38 m	Initial report of a single vehicle crash on I-29 NB at MM 48 in Council Bluffs.
	02/14 04:28 PM	<a href="#">194443</a>	IA-60	1	1		2 hr 51 m	Initial report of a single vehicle crash on IA-60 NB at MM 45 (near Ashton).
	02/23 08:18 AM	<a href="#">195862</a>	US-20	1			4 hr 22 m	Initial report of a single vehicle crash on US-20 EB at MM 4 (near Sioux City).
	02/24 11:50 PM	<a href="#">196232</a>	I-80			1	2 hr 10 m	Initial report of a single vehicle crash on I-80 WB at MM 110 (near De Soto).
2 Vehicle Crash (Avg Impact : 1 hr 10 m)								
	02/11 08:28 AM	<a href="#">193951</a>	IA-14	1		1	6 hr 26 m	Initial report of a 2 vehicle crash on IA-14 NB at MM 8 (near Millerton).
	02/16 09:25 AM	<a href="#">194790</a>	I-80	1	1	1	3 hr 36 m	Initial report of a 2 vehicle crash on I-80 EB at MM 274 (near Wilton).
	02/24 01:41 PM	<a href="#">196087</a>	IA-27		1	1	4 hr 25 m	Initial report of a 2 vehicle crash on IA-27 NB at MM 9 (near Donnellson).
	02/14 08:07 AM	<a href="#">194375</a>	IA-10		2		2 hr 48 m	Initial report of a 2 vehicle crash on IA-10 WB/EB at MM 27 (near Alton).
	02/14 11:58 AM	<a href="#">194405</a>	US-218			2	4 hr 6 m	Initial report of a 2 vehicle crash on US-218 SB at MM 53 (near Olds).
	02/16 07:05 AM	<a href="#">194754</a>	US-20		3		3 hr 27 m	Initial report of a 2 vehicle crash on US-20 WB at MM 290 (near Earlville).
	02/27 12:34 AM	<a href="#">196549</a>	I-80		1		2 hr 33 m	Initial report of a 2 vehicle crash on I-80 EB at MM 126 in Urbandale.
	02/23 02:18 PM	<a href="#">195907</a>	US-63		2		5 hr 41 m	Initial report of a 2 vehicle crash on US-63 NB at MM 220 (near Elma).
3+ Vehicle Crash (Avg Impact : 53 min)								
	02/22 01:13 AM	<a href="#">195627</a>	I-29				3 hr 44 m	Initial report of a 3+ vehicle crash on I-29 SB at MM 68 (near Crescent).
Stalled Vehicle (Avg Impact : 37 min)								
	02/03 06:23 AM	<a href="#">192653</a>	I-80				5 hr 47 m	Initial report of a stalled vehicle on I-80 EB at MM 139 (near Altoona).
Vehicle Fire (Avg Impact : 39 min)								
	02/09 07:13 AM	<a href="#">193525</a>	IA-2			1	2 hr 1 m	Initial report of a vehicle fire on IA-2 EB at MM 3 (near Sidney).