



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

January 2022

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

Executive Summary

TOTAL INCIDENTS The total number of incidents during the period. *		TOTAL SECONDARY INCIDENTS Crashes that occur within the original incident scene or resulting queue.		TOTAL MULTI-VEHICLE INCIDENTS The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
December	January	December	January	December	January
2,785	4,015	5	9	131	152

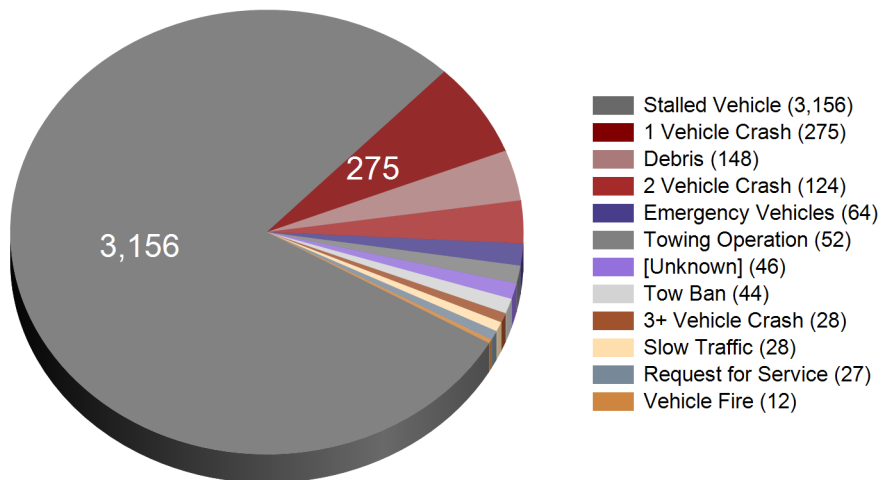
LANE BLOCKAGE INCIDENTS The total number of incidents which resulted in at least one blocked lane of travel.*		AVERAGE CLEARANCE TIME The average time for all lanes to be cleared after a crash.		TOTAL HIGHWAY HELPER RESPONSES The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
December	January	December	January	December	January
254	319	54 min	1 hr 3 m	1,157	1,539

* - excludes roadwork

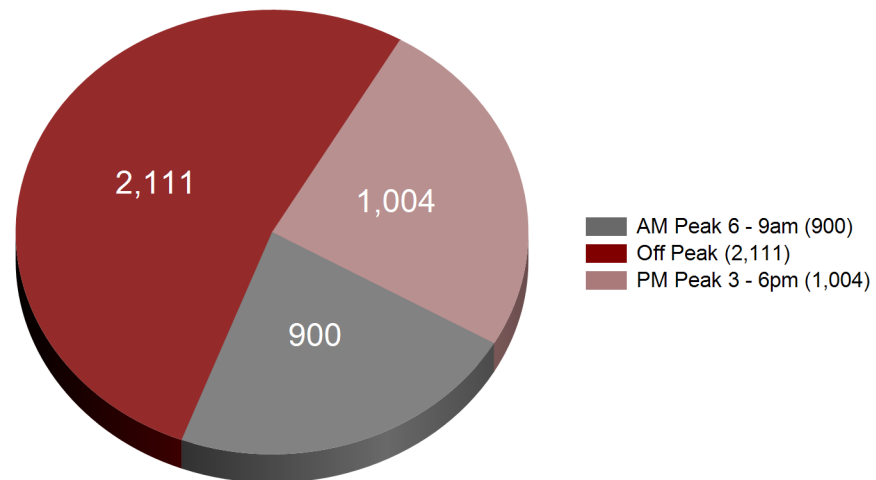
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

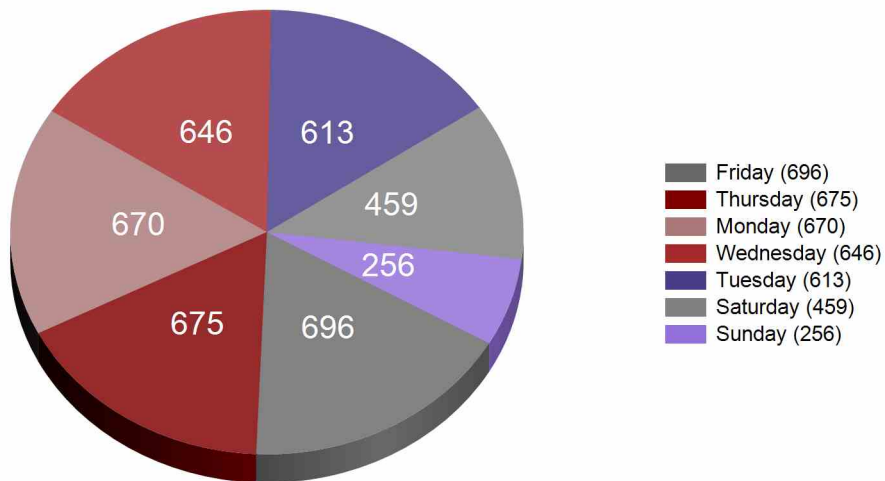
Incidents By Type



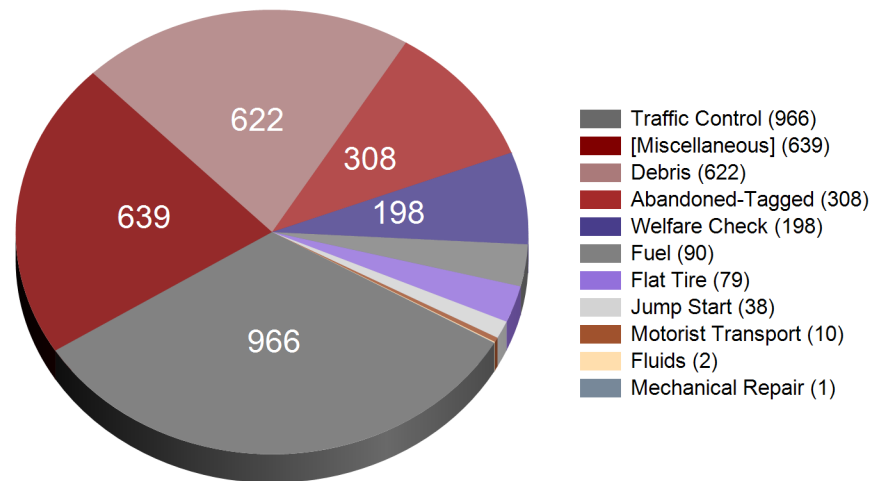
Incidents By Shift



Incidents By Day



Highway Helper Response

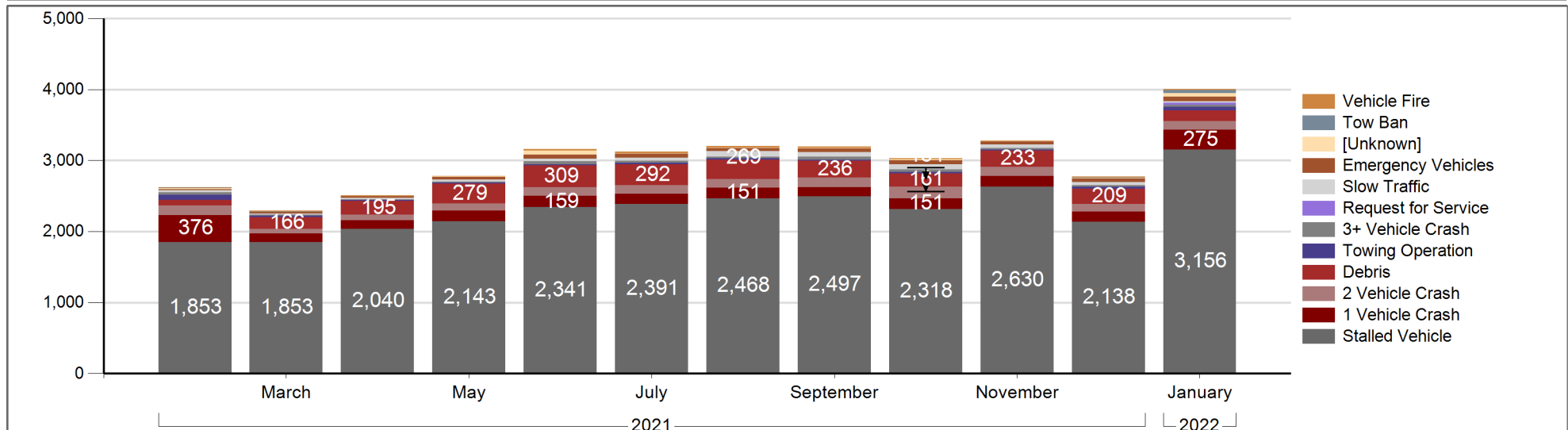


INCIDENT TOTALS BY TYPE

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	3,156	79%	40 min		1,427	73	41	443	54	1,118
1 Vehicle Crash	275	7%	1 hr		110	8	11	45	34	67
Debris	148	4%	34 min		62	10	10	20	6	40
2 Vehicle Crash	124	3%	1 hr 15 m		56	11	3	13	5	35
Emergency Vehicles	64	2%	1 hr 20 m		37	0	3	7	1	14
Towing Operation	52	1%	2 hr 12 m		27	0	0	12	1	10
[Unknown]	46	1%	4 hrs		29	0	1	5	1	9
Tow Ban	44	1%			0	0	0	4	0	1
3+ Vehicle Crash	28	0.70%	39 min		17	0	0	2	0	9
Slow Traffic	28	0.70%			17	0	0	2	0	9
Request for Service	27	0.67%			7	3	4	5	3	5
Vehicle Fire	12	0.30%	49 min		4	1	2	1	1	3
Total	4,004	100%	1 hr 1 m		1,793	106	75	559	106	1,320

* - Totals include Highway Helper Incidents

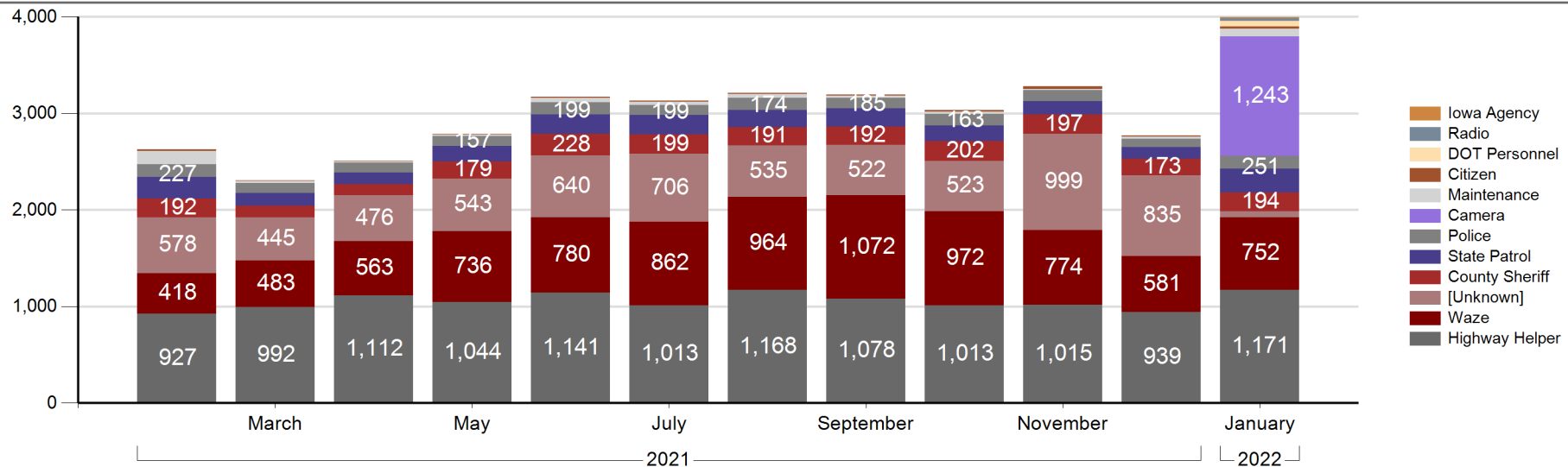


INCIDENT TOTALS BY DETECTION TYPE

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	1,243	31%		693	49	25	116	16	344
Highway Helper	1,171	29%		340	0	0	251	5	575
Waze	752	19%		397	25	15	83	22	210
State Patrol	251	6%		111	10	6	56	29	38
County Sheriff	194	5%		55	14	25	24	24	51
Police	127	3%		73	3	4	5	2	40
Other	77	2%		15	0	0	9	0	13
Maintenance	76	2%		42	2	0	4	4	23
DOT Personnel	57	1%		36	1	0	3	2	15
Radio	29	0.72%		14	2	0	1	1	10
Citizen	25	0.62%		20	0	0	2	0	3
Iowa Agency	13	0.32%		1	0	0	6	1	4
Total	4,015	100%		1,797	106	75	560	106	1,326

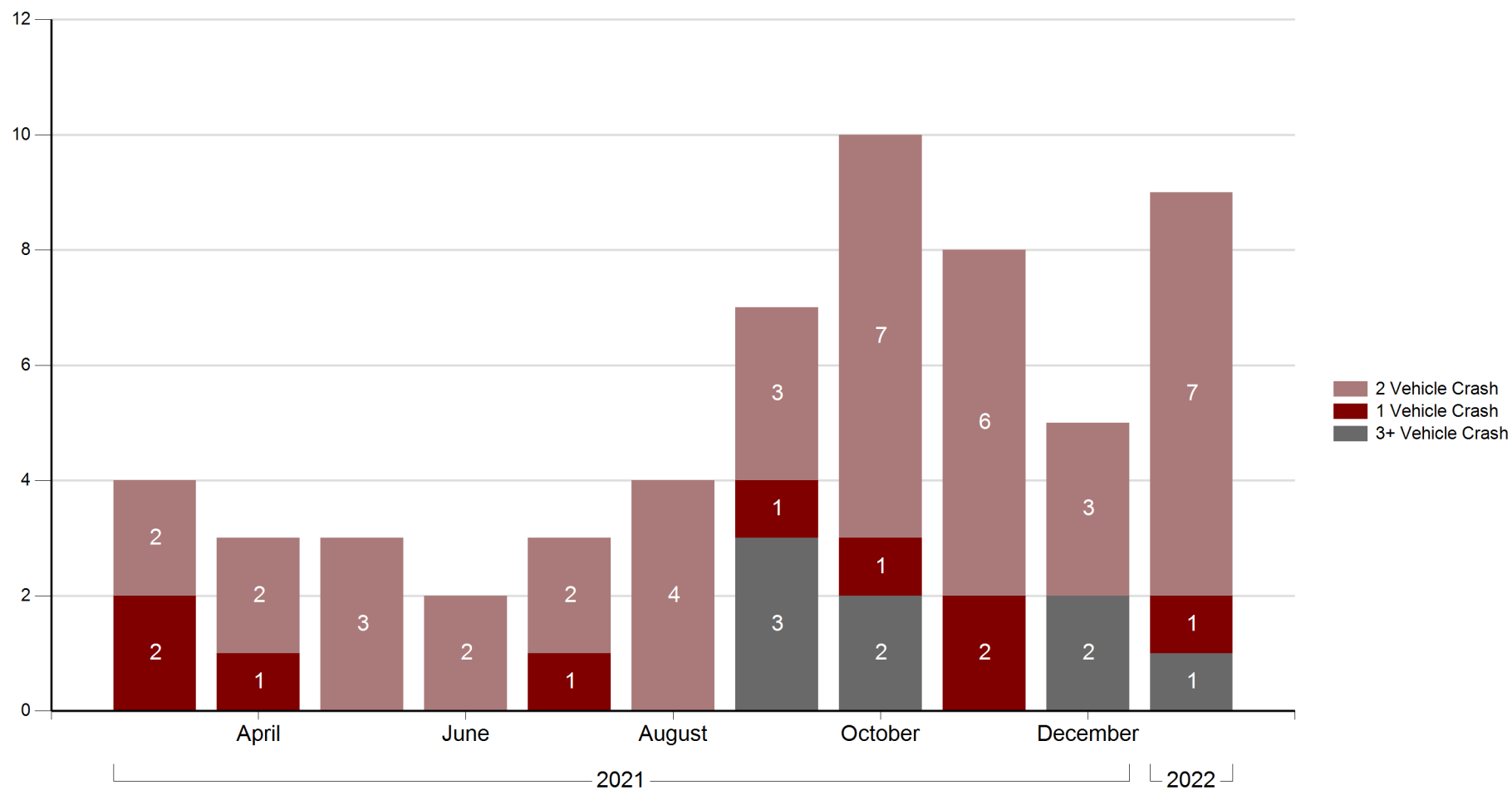
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

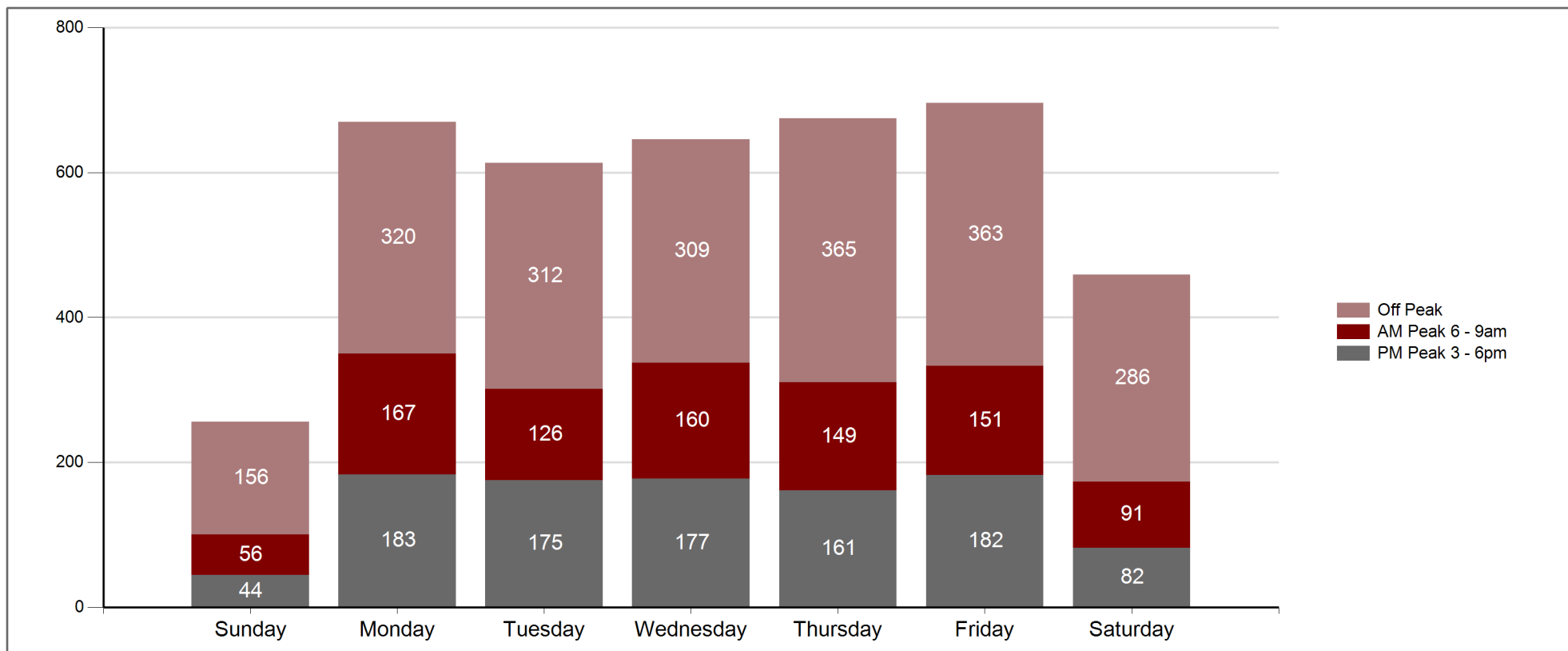
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	7	78%	31 min		5	0	0	0	0	2
1 Vehicle Crash	1	11%			1	0	0	0	0	0
3+ Vehicle Crash	1	11%			1	0	0	0	0	0
Total	9	100%	31 min		7	0	0	0	0	2



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.

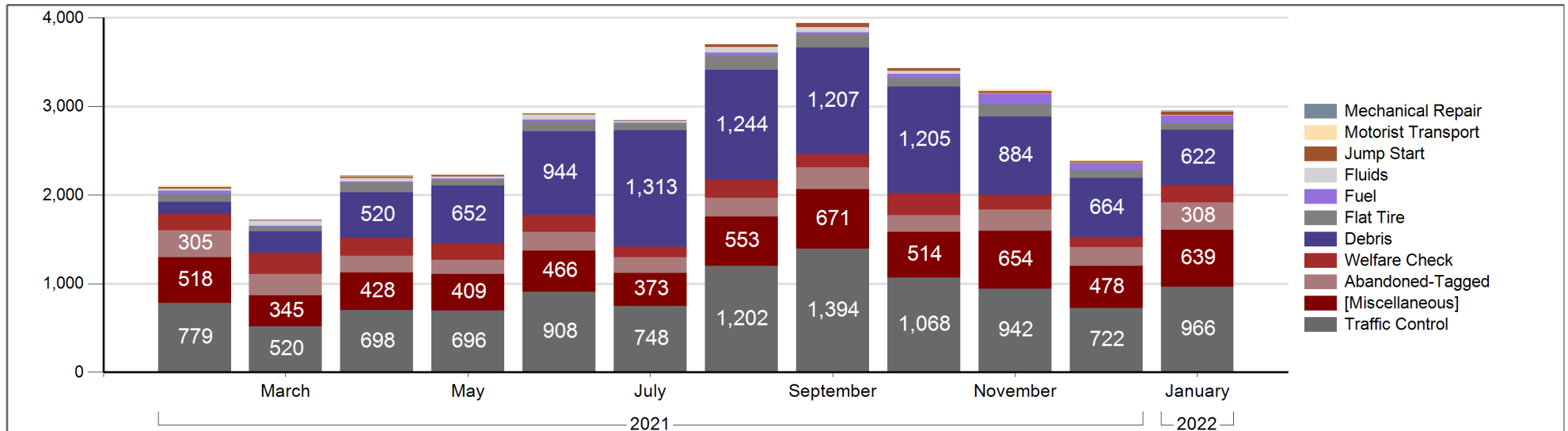
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Friday	696	17%	1 hr 5 m		274	18	12	105	14	248
Thursday	675	17%	1 hr 15 m		280	23	12	111	18	230
Monday	670	17%	49 min		312	17	7	90	16	226
Wednesday	646	16%	58 min		274	16	12	91	16	234
Tuesday	613	15%	1 hr 3 m		272	17	19	83	9	211
Saturday	459	11%	1 hr 1 m		242	7	7	50	31	110
Sunday	256	6%	54 min		143	8	6	30	2	67
Total	4,015	100%	1 hr 5 m		1,797	106	75	560	106	1,326



HIGHWAY HELPER RESPONSES

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

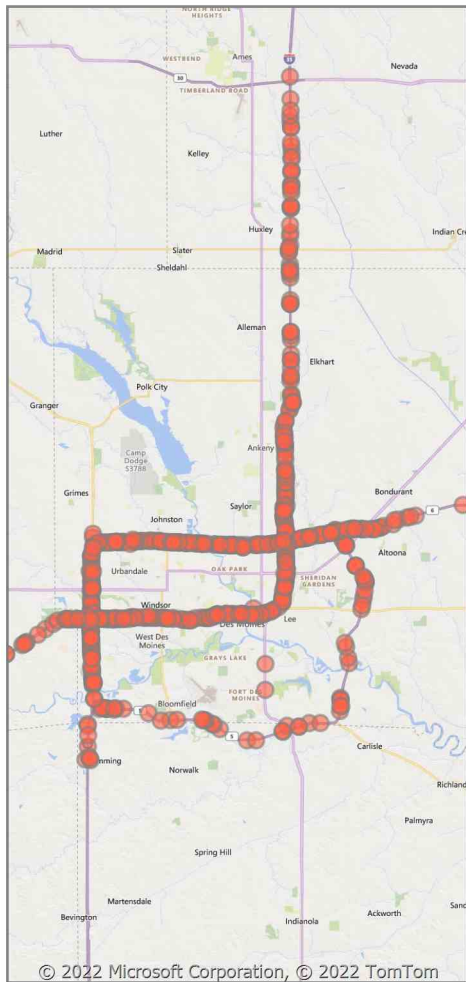
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Traffic Control	966	33%	37 min		408	78	230	62
[Miscellaneous]	639	22%	33 min		247	72	165	45
Debris	622	21%	24 min		318	145	44	50
Abandoned-Tagged	308	10%	1 hr 2 m		154	20	72	20
Welfare Check	198	7%	15 min		62	31	71	21
Fuel	90	3%	9 min		46	12	14	8
Flat Tire	79	3%	13 min		28	4	28	7
Jump Start	38	1%			18	6	4	2
Motorist Transport	10	0.34%			2	1	4	1
Fluids	2	0.07%			1	0	1	0
Mechanical Repair	1	0.03%			1	0	0	0
Total	2,953	100%	34 min		1,285	369	633	216



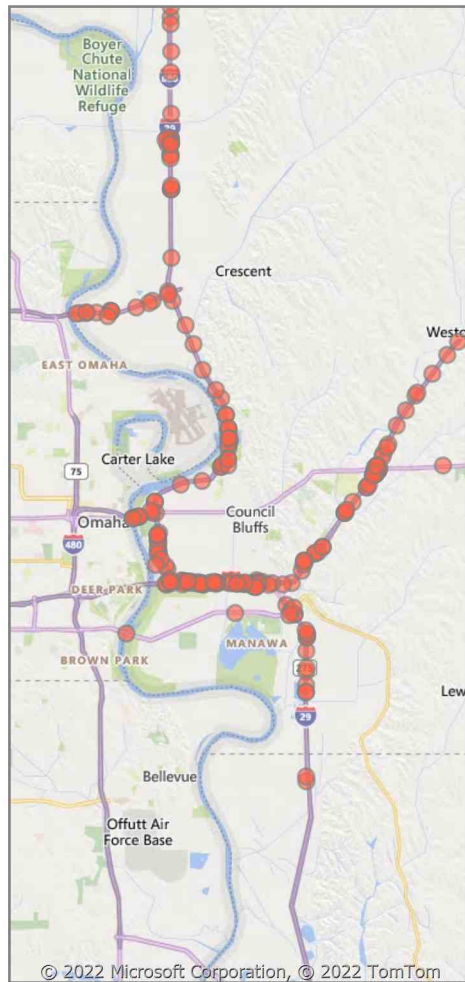
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

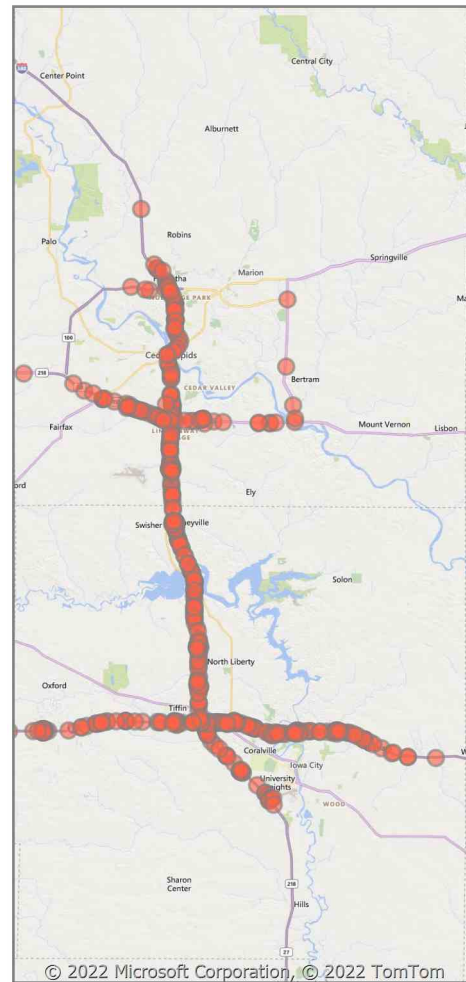
DES MOINES



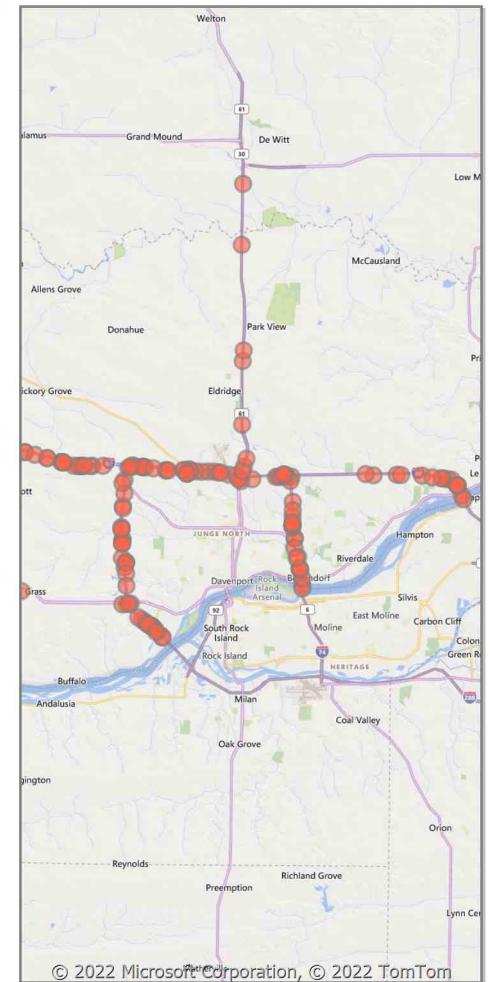
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

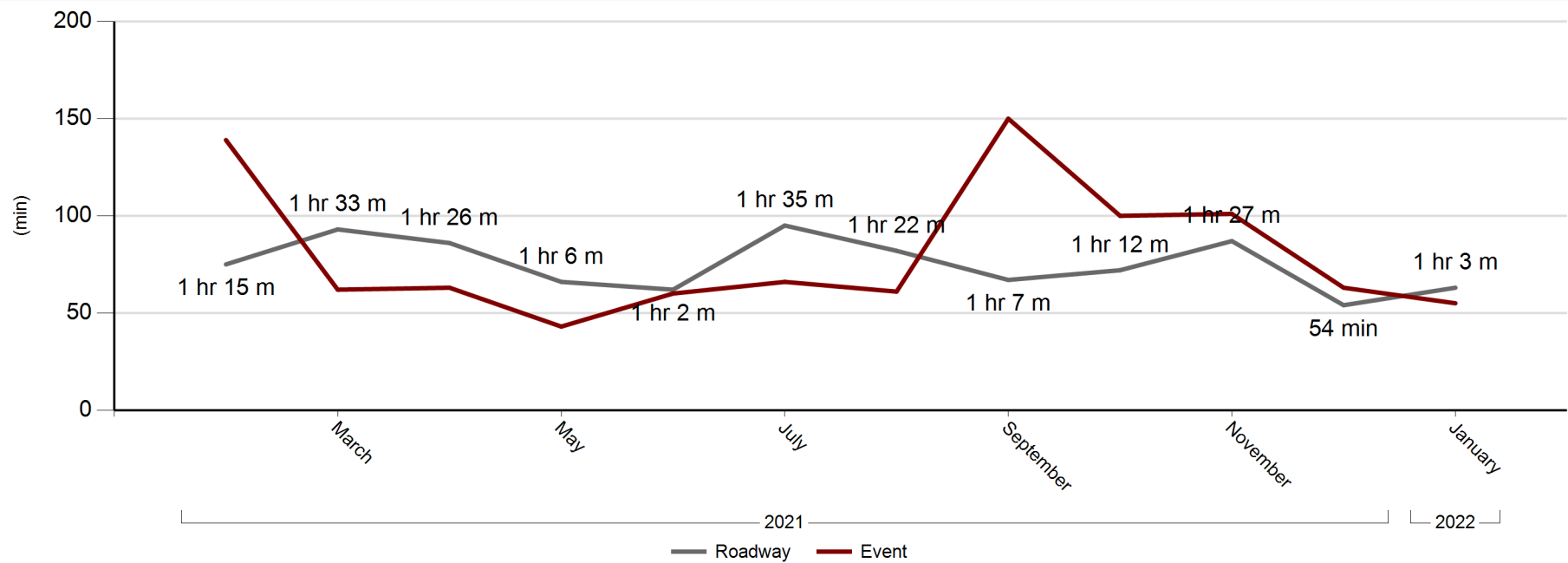


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

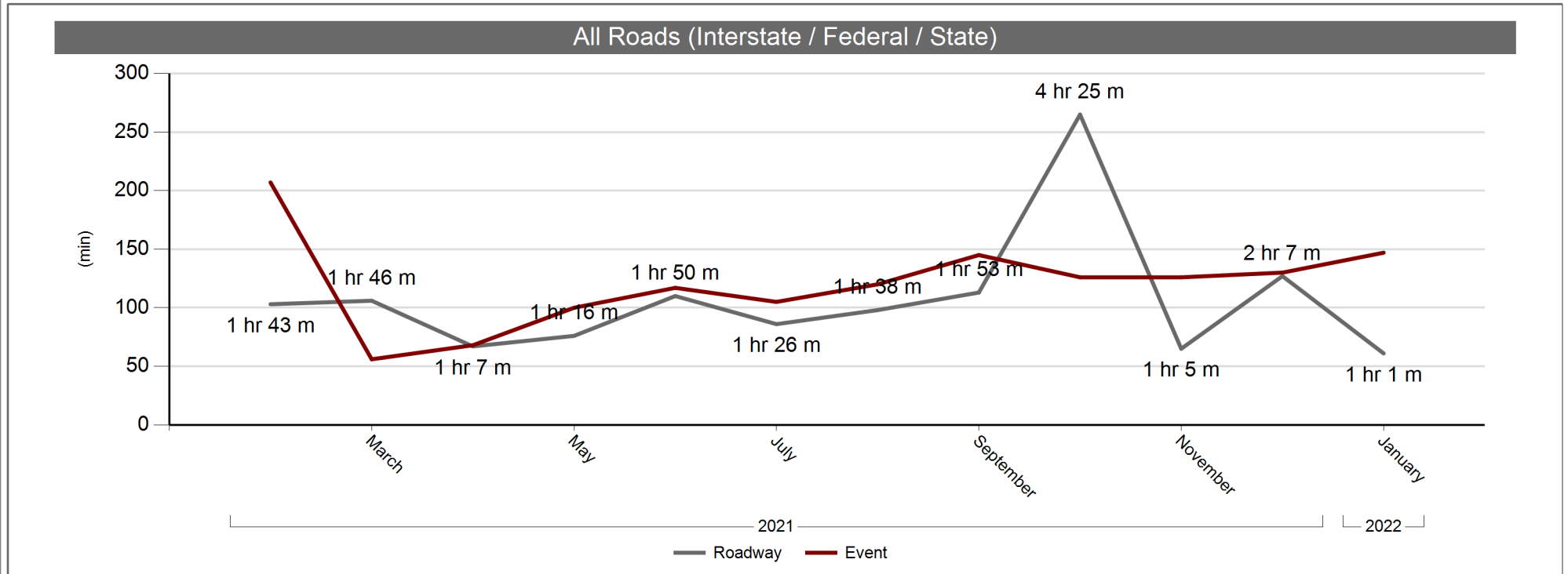
Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	55 min		44 min			40 min	50 min	1 hr 21 m
	Federal	1 hr 27 m		55 min					2 hr 10 m
	Interstate	48 min		37 min			41 min	14 min	1 hr 10 m
	State	1 hr 9 m		1 hr 11 m			24 min	1 hr 8 m	1 hr 47 m
Roadway	All	1 hr 3 m		45 min	1 hr 23 m	2 hr 38 m	1 hr 22 m	1 hr 19 m	1 hr 3 m
	Federal	1 hr 37 m		1 hr 7 m	2 hr 17 m	2 hr 38 m		1 hr 33 m	1 hr 33 m
	Interstate	49 min		37 min	1 hr 8 m		1 hr 13 m	52 min	47 min
	State	1 hr 34 m		1 hr 11 m	38 min		5 hr 1 m	1 hr 43 m	1 hr 46 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	2 hr 27 m		2 hr 43 m		1 hr 45 m	1 hr 23 m	50 min	2 hr 44 m
	Federal	1 hr 59 m		4 hr 2 m		1 hr 45 m	26 min		1 hr
	Interstate	2 hr 53 m		2 hr 59 m			1 hr 47 m	14 min	3 hr 19 m
	State	46 min		44 min			15 min	1 hr 8 m	1 hr 20 m
Roadway	All	1 hr 1 m		44 min	1 hr 18 m	2 hours	1 hr 33 m	1 hr 37 m	53 min
	Federal	1 hr 14 m		45 min	1 hr 48 m	2 hr 12 m	2 hr 47 m	1 hr 20 m	1 hr 9 m
	Interstate	54 min		40 min	1 hr 8 m		1 hr 27 m	1 hr 42 m	44 min
	State	1 hr 18 m		1 hr 10 m	38 min	1 hr 32 m	1 hr 23 m	1 hr 43 m	1 hr 17 m



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr)								
	01/04 11:06 AM	188440	US-18				2 hr 41 m	Initial report of a single vehicle crash on US-18 EB/WB at MM 218 in Charles City.
	01/08 10:27 AM	189026	US-151		2		2 hr 12 m	Initial report of a single vehicle crash on US-151 SB at MM 94 in Dubuque.
	01/14 08:24 PM	189894	I-80			1	3 hr 7 m	Initial report of a single vehicle crash on I-80 WB at MM 5 (near Council Bluffs).
	01/14 05:24 PM	189848	US-151			1	4 hr 17 m	Initial report of a single vehicle crash on US-151 SB at MM 35 (near Bertram).
	01/23 12:42 PM	191118	I-80		1		2 hr 12 m	Initial report of a single vehicle crash on I-80 WB at MM 91 (near Stuart).
	01/25 05:06 AM	191324	US-75	1		1	5 hr 17 m	Initial report of a single vehicle crash on US-75 NB at MM 112 (near Merrill).
	01/14 06:55 PM	189868	IA-127				5 hr 1 m	Initial report of a single vehicle crash on IA-127 EB at MM 7 (near Magnolia).
	01/16 11:37 AM	190170	IA-5		1		3 hr 28 m	Initial report of a single vehicle crash on IA-5 NB at MM 102 (near Cumming).
	01/26 06:28 AM	191526	US-34			1	3 hr 30 m	Initial report of a single vehicle crash on US-34 EB at MM 231 (near Westwood).
2 Vehicle Crash (Avg Impact : 1 hr 15 m)								
	01/04 05:55 PM	188502	IA-64	1	1		3 hr 25 m	Initial report of a 2 vehicle crash on IA-64 EB at MM 7 (near Center Junction).
	01/04 10:53 PM	188536	IA-92		2		3 hr 2 m	Initial report of a 2 vehicle crash on IA-92 at MM 252 (near Fredonia).
	01/15 08:15 PM	190128	I-80				2 hr 54 m	Initial report of a 2 vehicle crash on I-80 WB at MM 139 (near Altoona).
	01/13 06:09 AM	189554	I-80		1	1	8 hr 1 m	Initial report of a 2 vehicle crash on I-80 EB at MM 71 (near Anita).
	01/28 03:28 PM	191985	US-6			1	2 hr 53 m	Initial report of a 2 vehicle crash on US-6 EB at MM 139 (near Des Moines).
Debris (Avg Impact : 34 min)								
	01/15 01:57 AM	189946	US-169				10 hr 20 m	Initial report of a downed powerline on US-169 at MM 90 (near Adel).
Emergency Vehicles (Avg Impact : 1 hr 20 m)								
	01/05 03:59 PM	188647	IA-16				4 hr 14 m	Initial report of an emergency vehicles event on IA-16 EB at MM 5 (near Eldon).
Stalled Vehicle (Avg Impact : 40 min)								
	01/06 12:11 PM	188774	I-380			1	2 hr 7 m	Initial report of a stalled vehicle on I-380 SB at MM 1 in Tiffin.
	01/05 03:01 AM	188542	US-218				3 hr 57 m	Initial report of a stalled vehicle on US-218 NB at MM 141 (near Van Horn).
	01/15 12:19 AM	189939	I-80				2 hr 22 m	Initial report of a stalled vehicle on I-80 EB at MM 77 (near Adair).
	01/08 06:51 PM	189052	I-35			1	3 hr 32 m	Initial report of a stalled vehicle on I-35 NB at MM 5 (near Lamoni).
	01/21 02:04 PM	190974	I-80				2 hr 54 m	Initial report of a stalled vehicle on I-80 WB at MM 116 (near Waukeet).
	01/15 05:04 AM	189971	I-35				3 hr 48 m	Initial report of a stalled vehicle on I-35 SB at MM 1 (near Lamoni).

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Towing Operation (Avg Impact : 2 hr 12 m)								
	01/14 01:20 PM	189773	I-80		1	2	6 hr 6 m	Initial report of a 2 vehicle crash on I-80 EB at MM 201 (near Guernsey).
	01/27 06:40 PM	191845	IA-330			1	7 hr 58 m	Initial report of a towing operation on IA-330 NB at MM 14 (near Melbourne).