



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

March 2022

This report contains statistical and operational data for TMC activities from the period of March 01, 2022 to March 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
February	March	February	March	February	March
4,363	5,255	9	4	161	170

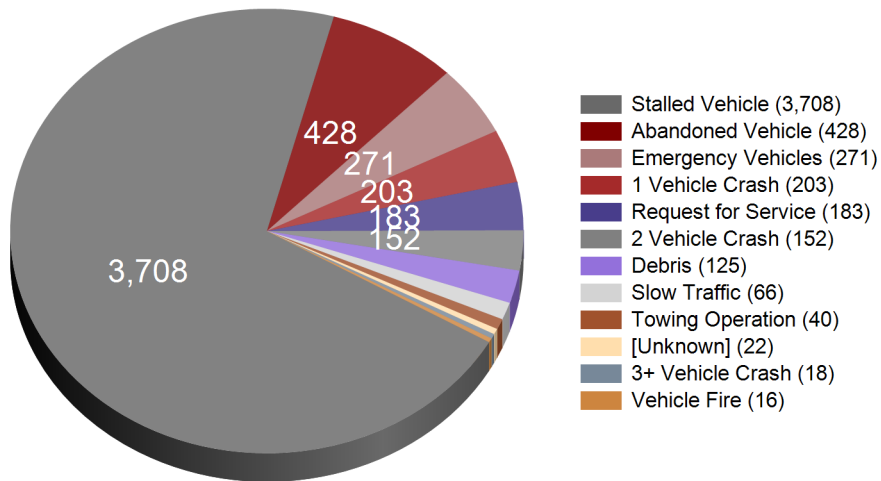
LANE BLOCKAGE INCIDENTS The total number of incidents which resulted in at least one blocked lane of travel.*		AVERAGE CLEARANCE TIME The average time for all lanes to be cleared after a crash.		TOTAL HIGHWAY HELPER RESPONSES The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
February	March	February	March	February	March
244	282	1 hr 8 m	1 hr 1 m	1,492	1,740

* - excludes roadwork

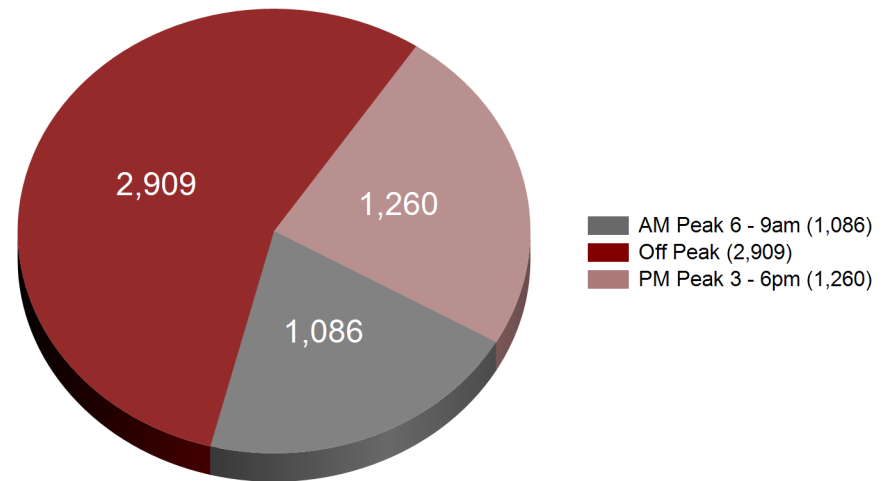
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

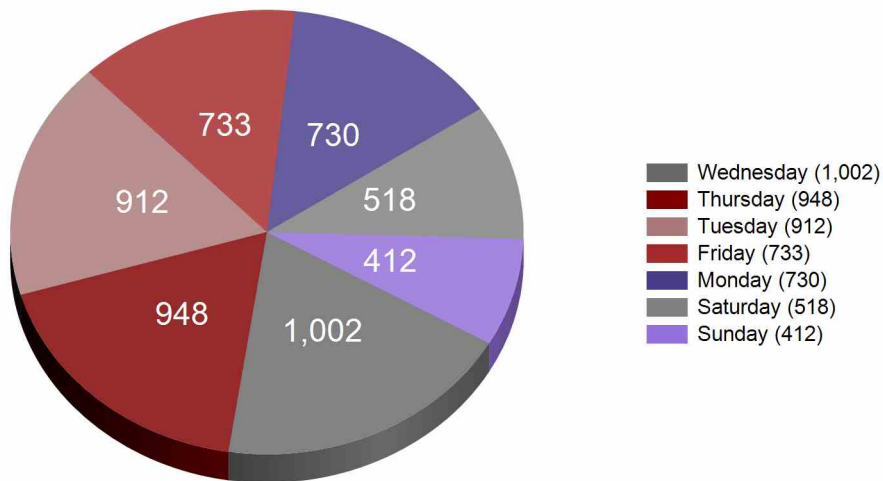
Incidents By Type



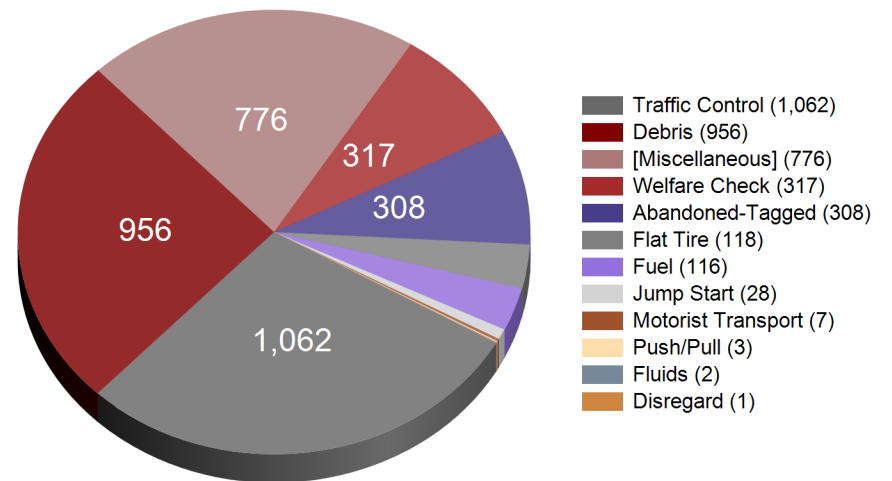
Incidents By Shift



Incidents By Day



Highway Helper Response

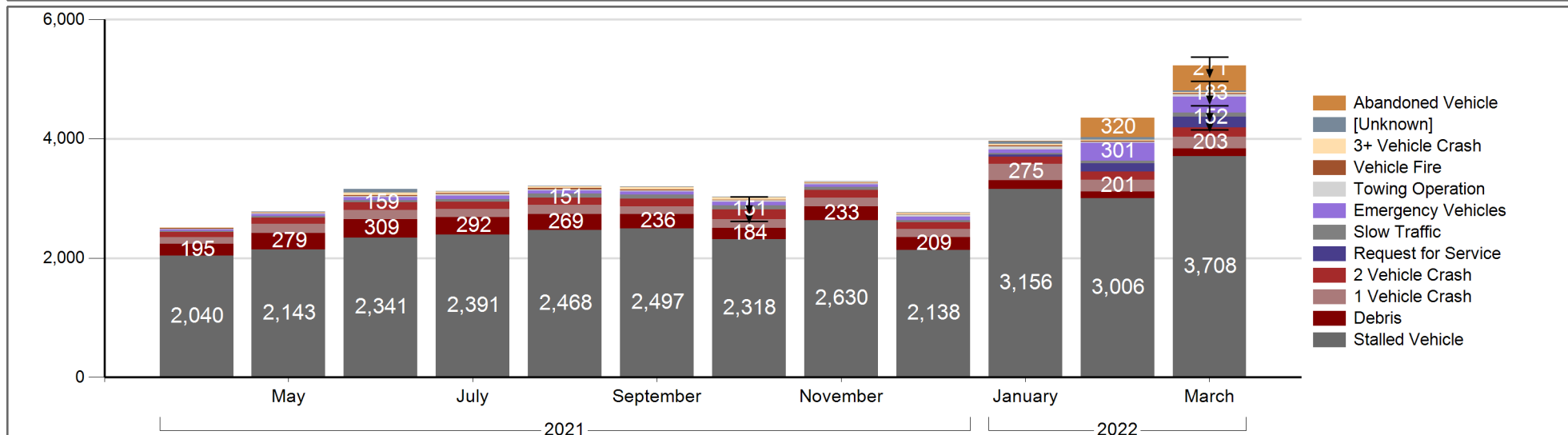


INCIDENT TOTALS BY TYPE

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	3,708	71%	34 min		1,604	127	48	465	84	1,380
Abandoned Vehicle	428	8%	13 min		204	6	4	56	7	151
Emergency Vehicles	271	5%	15 min		164	0	4	17	10	76
1 Vehicle Crash	203	4%	52 min		76	14	8	31	16	57
Request for Service	183	3%	10 min		51	18	29	24	22	39
2 Vehicle Crash	152	3%	1 hr 5 m		70	5	10	15	6	46
Debris	125	2%	1 hr 43 m		56	2	2	20	5	40
Slow Traffic	66	1%	2 min		31	0	1	7	1	26
Towing Operation	40	0.76%	4 hr 28 m		7	1	1	7	3	20
[Unknown]	22	0.42%	2 min		13	0	0	3	2	4
3+ Vehicle Crash	18	0.34%	1 hr 19 m		6	0	2	1	1	8
Vehicle Fire	16	0.30%	47 min		8	0	0	3	0	5
Total	5,232	100%	1 hr 15 m		2,290	173	109	649	157	1,852

* - Totals include Highway Helper Incidents

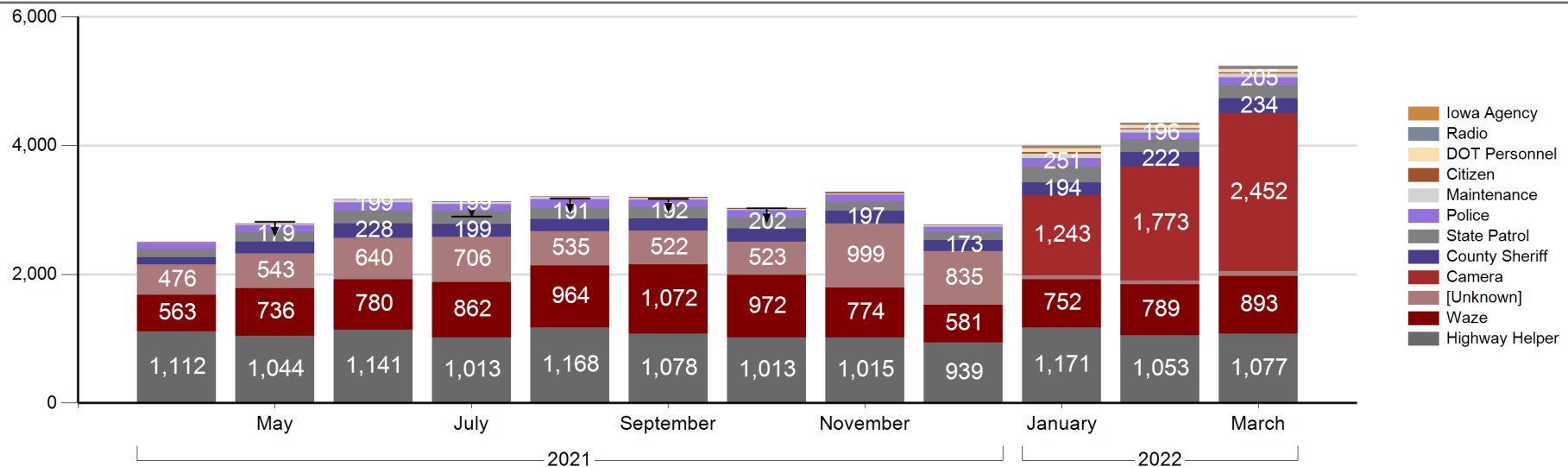


INCIDENT TOTALS BY DETECTION TYPE

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	2,452	47%		1,212	106	25	248	63	798
Highway Helper	1,077	20%		332	0	0	195	5	545
Waze	893	17%		416	29	28	102	31	287
County Sheriff	234	4%		58	22	36	26	31	61
State Patrol	205	4%		96	8	6	34	9	51
Police	124	2%		64	3	11	8	3	35
Other	91	2%		36	0	0	17	3	27
Maintenance	55	1%		25	3	0	6	4	17
DOT Personnel	50	0.95%		25	1	0	2	6	15
Radio	48	0.91%		21	0	4	10	0	13
Citizen	20	0.38%		10	1	0	2	2	4
Iowa Agency	6	0.11%		1	0	1	1	0	3
Total	5,255	100%		2,296	173	111	651	157	1,856

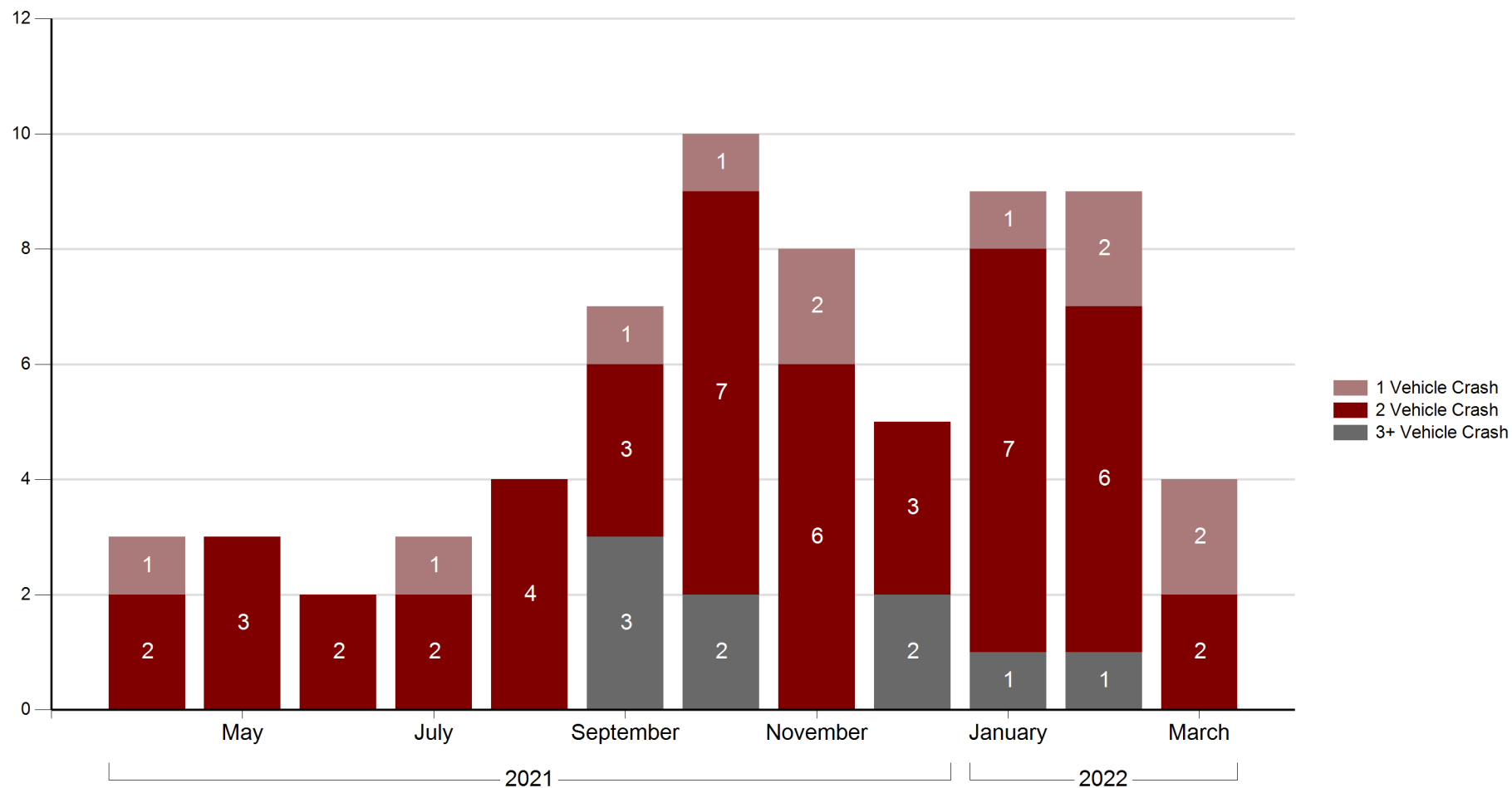
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

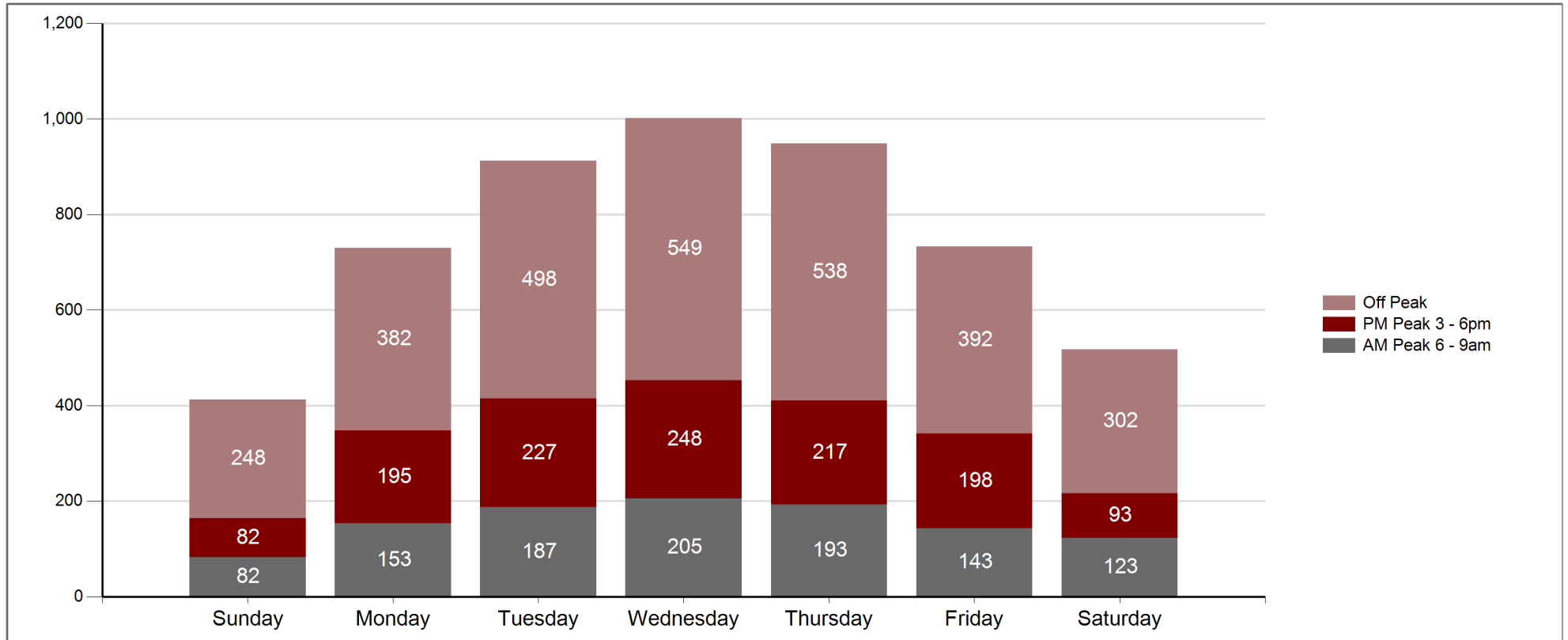
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
1 Vehicle Crash	2	50%	51 min		1	0	0	0	0	1
2 Vehicle Crash	2	50%			1	0	0	0	0	1
Total	4	100%	51 min		2	0	0	0	0	2



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.

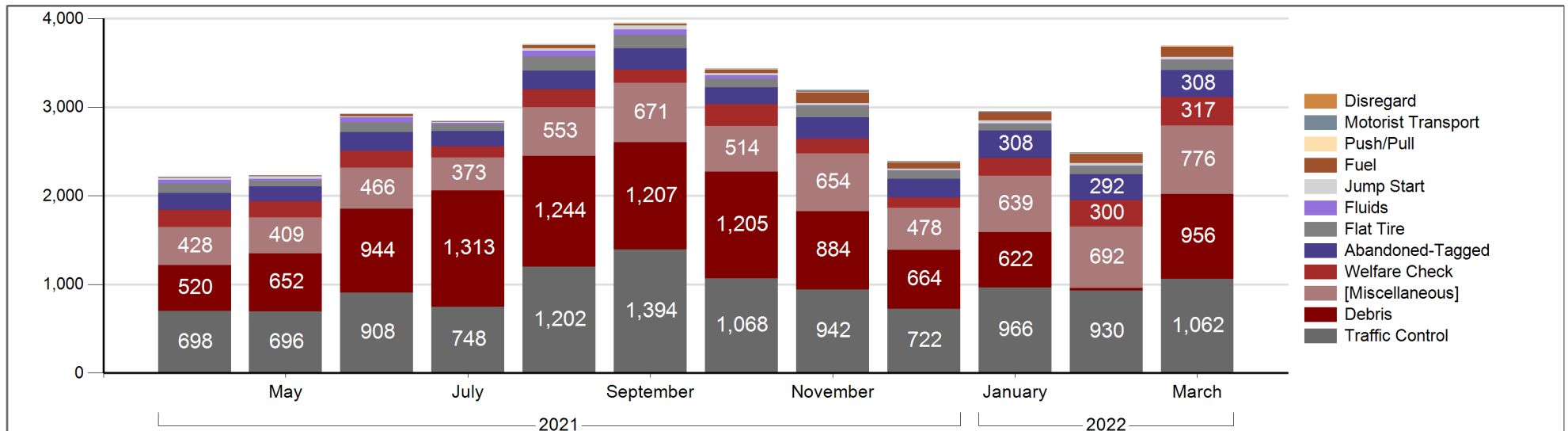
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	1,002	19%	1 hr 26 m		416	29	14	125	33	385
Thursday	948	18%	52 min		394	41	16	121	33	343
Tuesday	912	17%	1 hr 4 m		395	35	26	115	25	316
Friday	733	14%	1 hr 16 m		300	18	18	122	19	256
Monday	730	14%	50 min		308	28	13	84	21	272
Saturday	518	10%	3 hr 7 m		271	10	11	41	18	166
Sunday	412	8%	39 min		212	12	13	43	8	118
Total	5,255	100%	1 hr 26 m		2,296	173	111	651	157	1,856



HIGHWAY HELPER RESPONSES

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

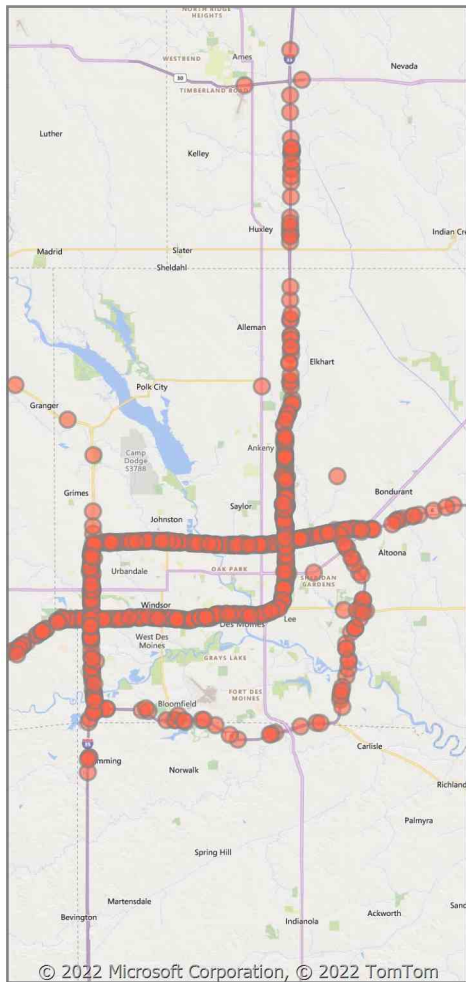
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Traffic Control	1,062	29%	1 hr 4 m		422	66	212	64
Debris	956	26%	34 min		301	93	290	175
[Miscellaneous]	776	21%	53 min		316	67	175	55
Welfare Check	317	9%	39 min		125	32	78	30
Abandoned-Tagged	308	8%			156	40	40	18
Flat Tire	118	3%			54	10	32	4
Fuel	116	3%			80	6	14	10
Jump Start	28	0.76%			12	0	12	0
Motorist Transport	7	0.19%			2	1	3	0
Push/Pull	3	0.08%			1	0	0	0
Fluids	2	0.05%			1	0	1	0
Disregard	1	0.03%			0	0	0	0
Total	3,694	100%	57 min		1,470	315	857	356



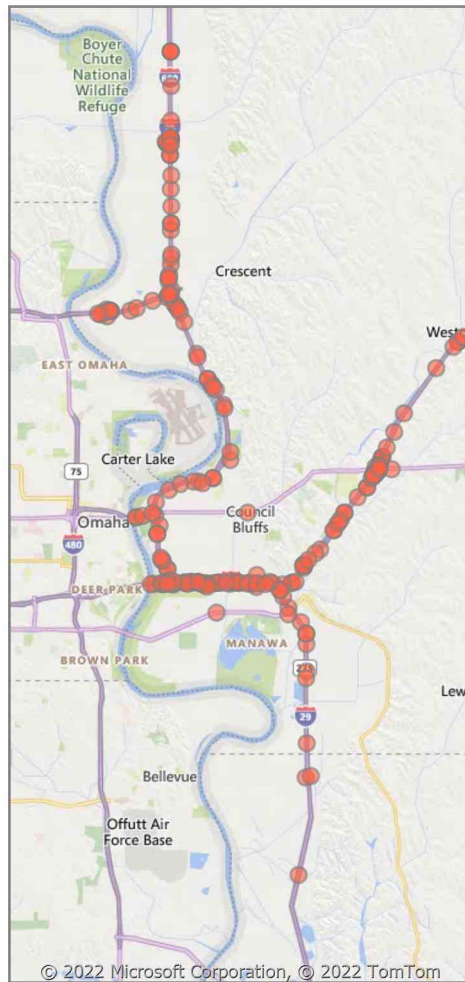
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

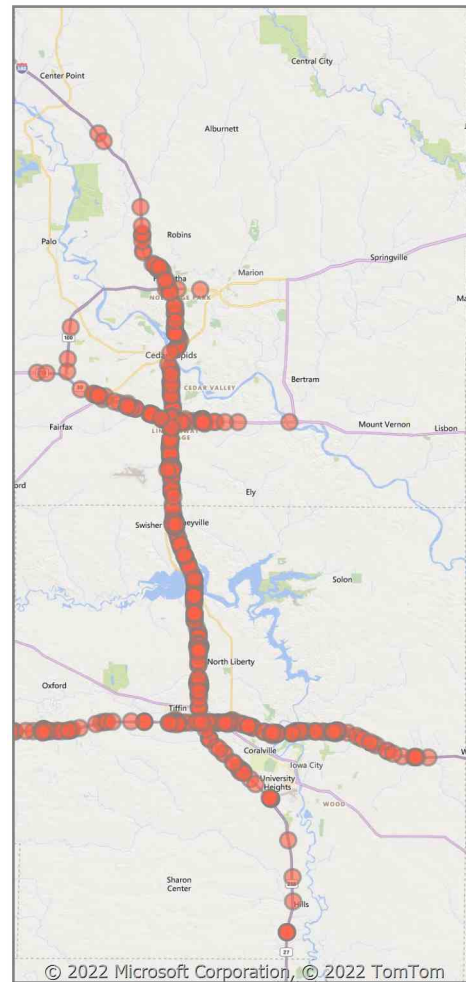
DES MOINES



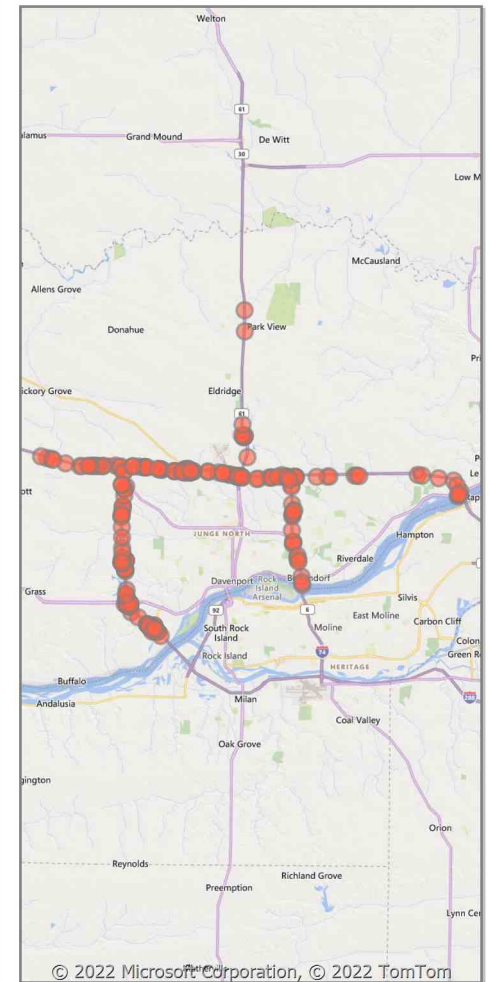
COUNCIL BLUFFS



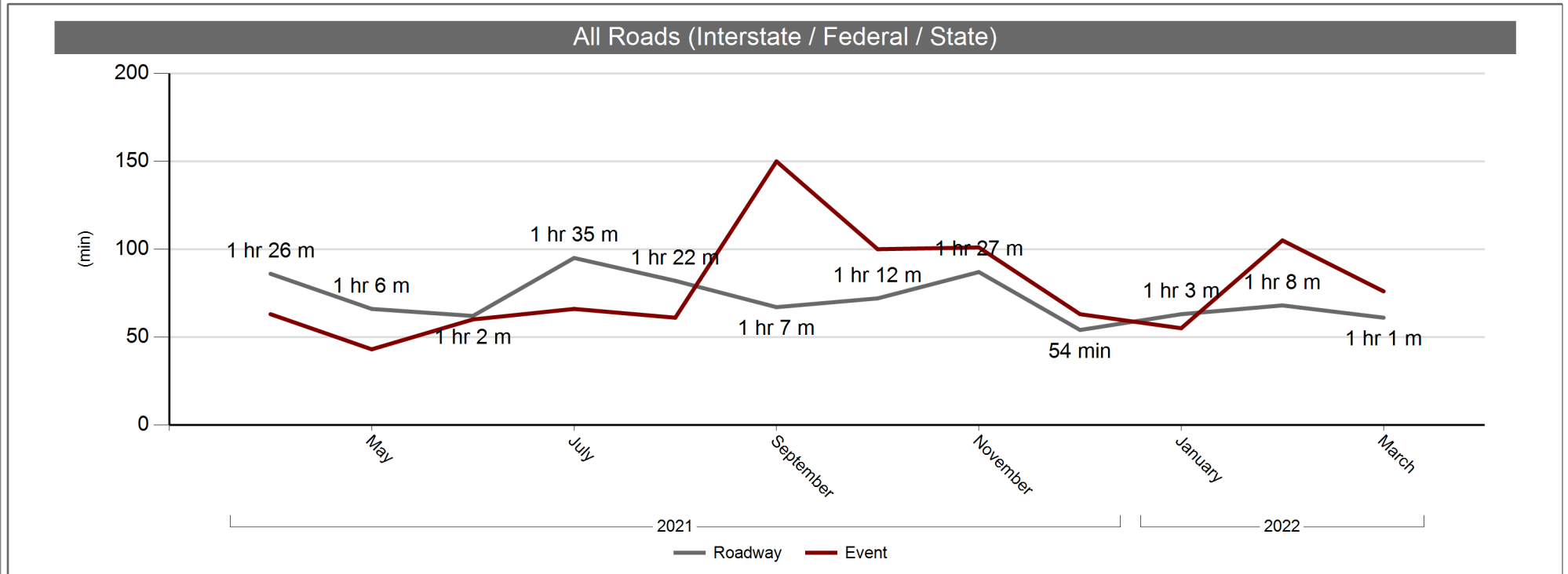
CEDAR RAPIDS / IOWA CITY



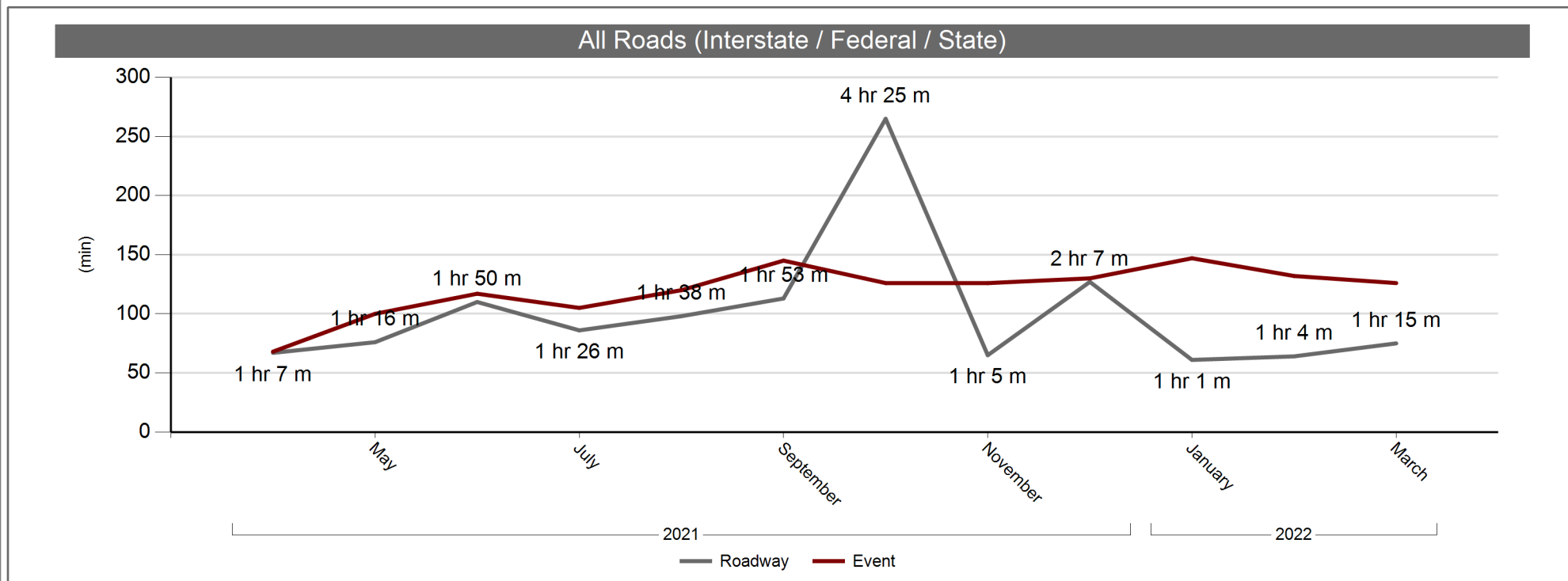
DAVENPORT



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 16 m		48 min	15 min	54 min	1 hr 56 m	1 hr 2 m	1 hr 40 m
	Federal	49 min		35 min	21 min	1 hr 3 m		1 hr 29 m	52 min
	Interstate	1 hr 31 m		51 min	1 min	41 min	1 hr 56 m	10 min	2 hr 7 m
	State	33 min		44 min	18 min	57 min			23 min
Roadway	All	1 hr 1 m		48 min	49 min	2 hr 8 m	1 hr 31 m	1 hr 52 m	40 min
	Federal	1 hr 17 m		41 min	53 min	2 hr 51 m	1 hr 35 m	2 hr 32 m	47 min
	Interstate	52 min		47 min	56 min	1 hr 24 m	1 hr 34 m	38 min	37 min
	State	1 hr 8 m		1 hr 17 m	19 min	2 hr 9 m	52 min	15 min	48 min



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 6 m		2 hr 4 m	15 min	1 hr 5 m	1 hr 12 m	55 min	2 hr 40 m
	Federal	1 hr 55 m		3 hr 29 m	21 min	1 hr 3 m	19 min	1 hr 29 m	1 hr 30 m
	Interstate	2 hr 20 m		2 hr 16 m	1 min	1 hr 15 m	1 hr 20 m	21 min	3 hours
	State	1 hr 17 m		31 min	18 min	57 min	7 min		2 hr 22 m
Roadway	All	1 hr 15 m		1 hr 4 m	1 hr 7 m	1 hr 43 m	2 hr 1 m	2 hr 48 m	54 min
	Federal	1 hr 52 m		2 hr 48 m	1 hr 19 m	2 hr 51 m	1 hr 21 m	2 hr 13 m	42 min
	Interstate	1 hr 7 m		41 min	56 min	1 hr	2 hr 15 m	1 hr 42 m	1 hr
	State	1 hr 4 m		32 min	37 min	2 hr 9 m	26 min	4 hr 55 m	37 min



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 52 min)								
	03/14 01:14 PM	199023	I-80			1	3 hr 8 m	Initial report of a single vehicle crash on I-80 EB at MM 91 (near Menlo).
	03/22 01:36 PM	200370	IA-330		1	1	2 hr 24 m	Initial report of a single vehicle crash on IA-330 SB near MM 28 (near Albion).
	03/08 07:23 AM	197999	I-29		1		2 hr 27 m	Initial report of a single vehicle crash on I-29 NB/SB at MM 62 (near Crescent).
	03/22 05:05 PM	200419	IA-60		1	1	2 hr 13 m	Initial report of a single vehicle crash on IA-60 SB at MM 21 (near Hospers).
	03/02 08:49 PM	197130	US-34			1	3 hr 25 m	Initial report of a single vehicle crash on US-34 WB at MM 200 (near Batavia).
2 Vehicle Crash (Avg Impact : 1 hr 5 m)								
	03/07 10:40 AM	197846	I-80		1	2	6 hr 46 m	Initial report of a 2 vehicle crash on I-80 WB at MM 93 in Stuart.
	03/15 07:54 PM	199288	IA-3	1		1	5 hr 3 m	Initial report of a 2 vehicle crash on IA-3 EB at MM 78 (near Truesdale).
	03/16 05:24 PM	199452	IA-136	4	1		3 hr 13 m	Initial report of a 2 vehicle crash on IA-136 NB/SB at MM 7 (near Andover).
	03/02 07:40 PM	197125	US-63	1	1	1	3 hr 47 m	Initial report of a 2 vehicle crash on US-63 SB at MM 9 (near Drakesville).
	03/03 10:59 PM	197287	US-63		1	1	3 hr 13 m	Initial report of a 2 vehicle crash on US-63 at MM 232 (near Lime Springs).
	03/20 12:04 PM	200022	I-80	1	1	1	3 hr 21 m	Initial report of a 2 vehicle crash on I-80 EB at MM 249 (near Iowa City).
	03/07 03:00 PM	197881	US-30		1	1	2 hr 59 m	Initial report of a 2 vehicle crash on US-30 WB at MM 176 (near State Center).
	03/15 08:18 AM	199192	US-20		1	2	4 hr 37 m	Initial report of a 2 vehicle crash on US-20 EB at MM 60 (near Holstein).
3+ Vehicle Crash (Avg Impact : 1 hr 19 m)								
	03/22 09:53 PM	200460	I-35		1	1	4 hrs	Initial report of a 3+ vehicle crash on I-35 NB at MM 136 (near Ellsworth).
	03/04 01:38 AM	197295	US-34	1	1		4 hr 9 m	Initial report of a 3+ vehicle crash on US-34 at MM 226 (near Rome).
Debris (Avg Impact : 1 hr 43 m)								
	03/05 06:07 PM	197585	IA-14				14 hr 52 m	Initial report of a debris event on IA-14 NB at MM 19 in Chariton.
	03/05 06:22 PM	197586	US-69				1 day 18 hr 46 m	Initial report of a debris event on US-69 SB at MM 79 (near Carlisle).
Stalled Vehicle (Avg Impact : 34 min)								
	03/19 05:10 PM	199951	I-80			1	2 hr 53 m	Initial report of a stalled vehicle on I-80 WB at MM 119 (near Waukee).
	03/15 03:04 PM	199253	US-67			1	2 hr 10 m	Initial report of a stalled vehicle on US-67 NB at MM 13 (near Le Claire).
Towing Operation (Avg Impact : 4 hr 28 m)								
	03/30 07:06 AM	201730	I-80			1	9 hrs	Initial report of an abandoned vehicle event on I-80 EB at MM 184 (near Grinnell).