



## TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

June 2022

This report contains statistical and operational data for TMC activities from the period of June 01, 2022 to June 30, 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
May	June	May	June	May	June
4,691	4,795	4	6	168	168

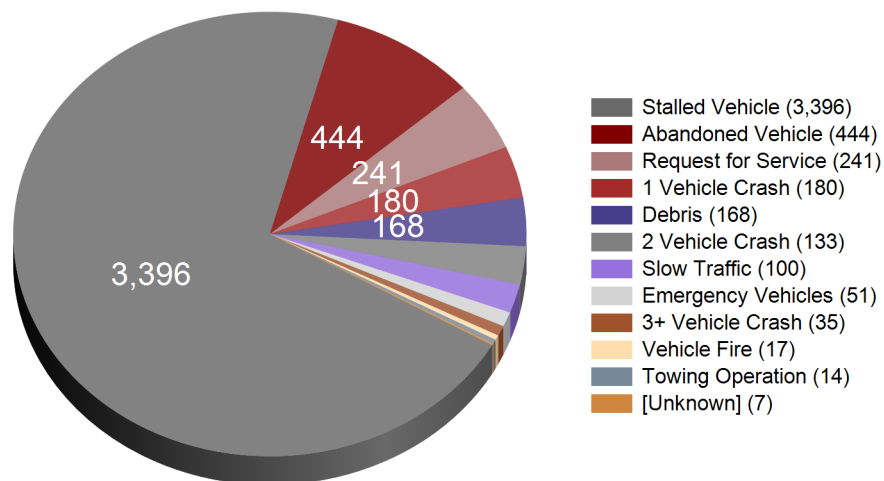
<b>LANE BLOCKAGE INCIDENTS</b> The total number of incidents which resulted in at least one blocked lane of travel.*		<b>AVERAGE CLEARANCE TIME</b> The average time for all lanes to be cleared after a crash.		<b>TOTAL HIGHWAY HELPER RESPONSES</b> The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
May	June	May	June	May	June
298	277	1 hr 11 m	1 hr 17 m	1,681	1,763

\* - excludes roadwork

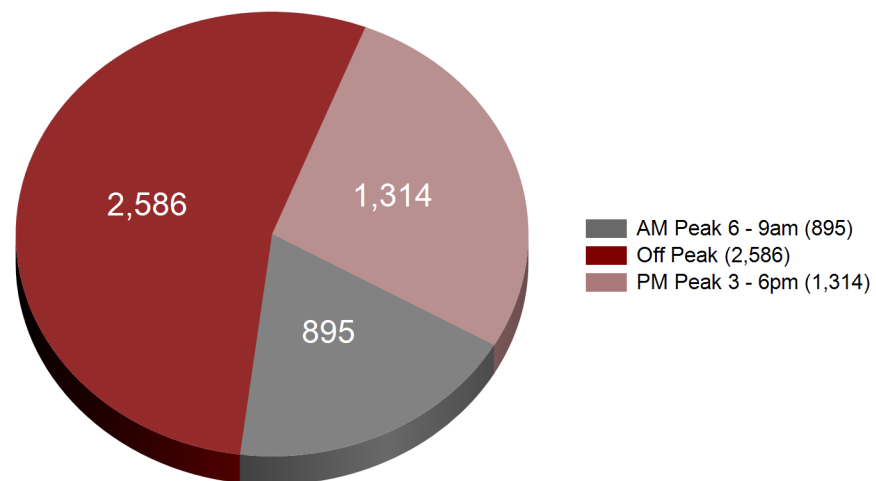
\*\* - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

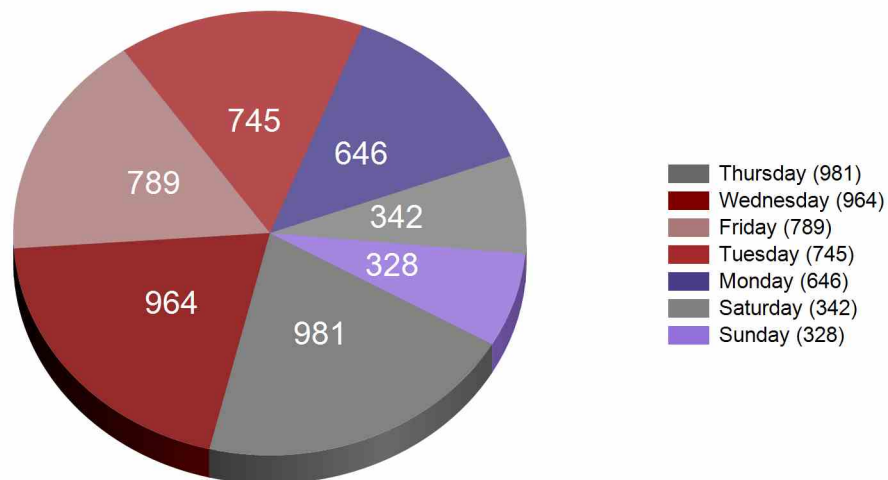
Incidents By Type



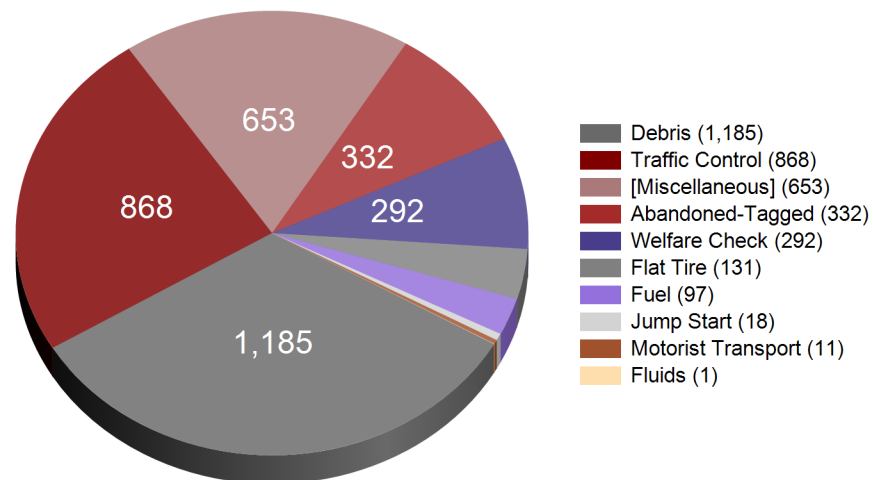
Incidents By Shift



Incidents By Day



Highway Helper Response

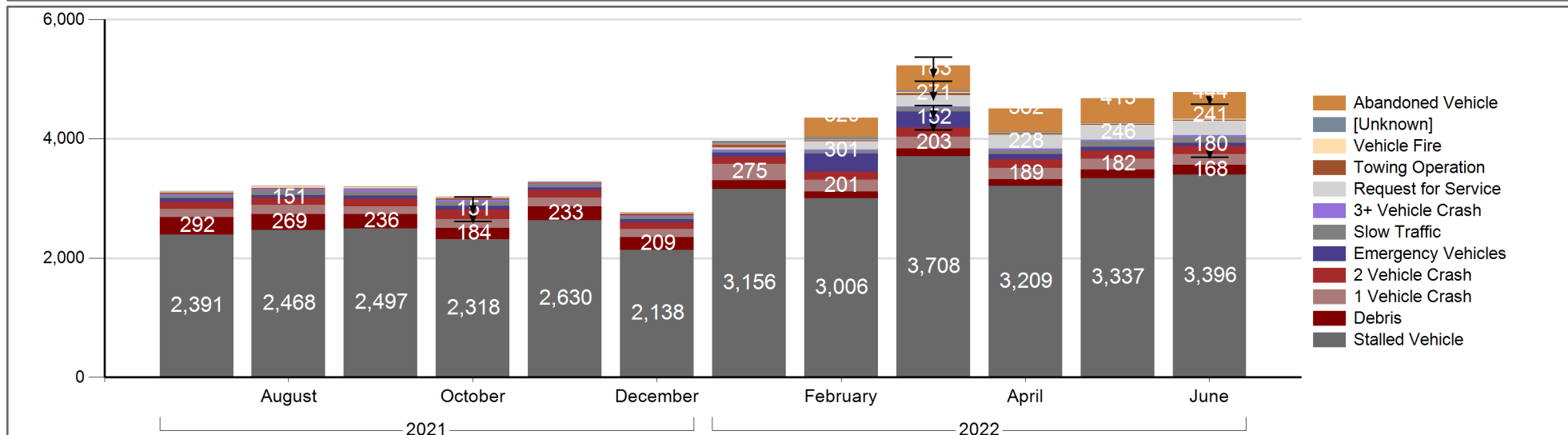


### INCIDENT TOTALS BY TYPE

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	3,396	71%	30 min		1,544	148	49	542	39	1,074
Abandoned Vehicle	444	9%			211	8	9	51	5	160
Request for Service	241	5%	8 min		67	25	35	27	26	61
1 Vehicle Crash	180	4%	1 hr 30 m		67	5	6	43	15	44
Debris	168	4%	18 min		71	4	6	8	1	78
2 Vehicle Crash	133	3%	1 hr 11 m		64	3	6	15	5	40
Slow Traffic	100	2%			68	0	0	8	3	21
Emergency Vehicles	51	1%	47 min		30	0	0	3	2	16
3+ Vehicle Crash	35	0.73%	54 min		25	0	0	3	2	5
Vehicle Fire	17	0.35%	1 hr 30 m		7	0	2	2	0	6
Towing Operation	14	0.29%	3 hr 14 m		2	0	0	5	2	5
[Unknown]	7	0.15%			1	0	0	0	4	2
Total	4,786	100%	56 min		2,157	193	113	707	104	1,512

\* - Totals include Highway Helper Incidents

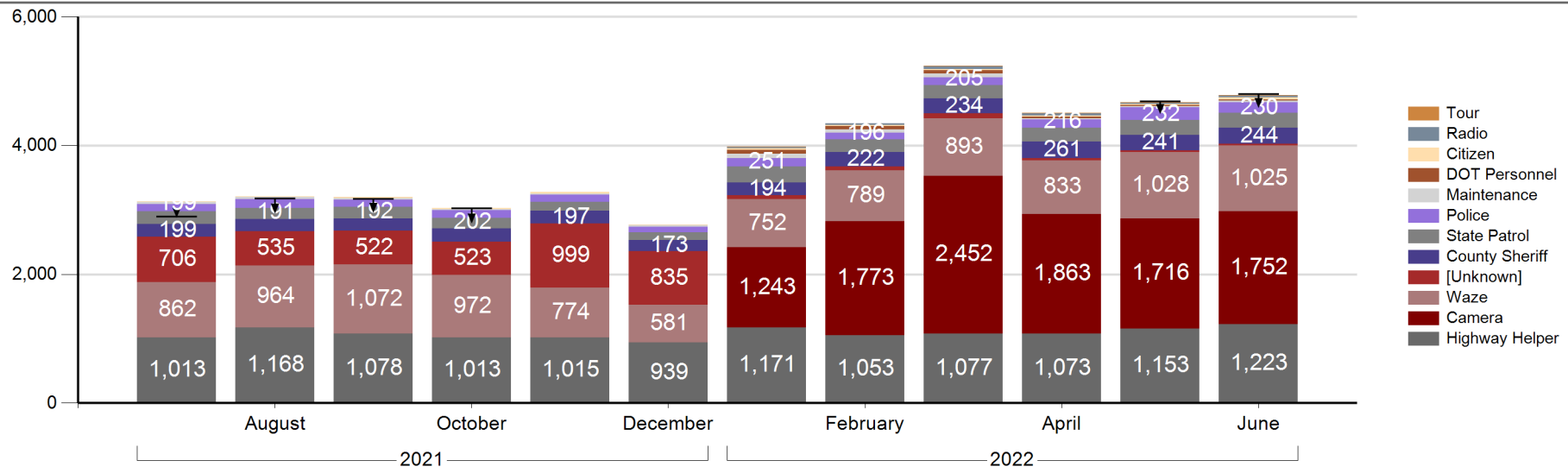


### INCIDENT TOTALS BY DETECTION TYPE

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	1,752	37%		866	118	30	313	22	403
Highway Helper	1,223	26%		423	0	0	184	8	608
Waze	1,025	21%		537	42	30	111	21	284
County Sheriff	244	5%		72	23	35	36	16	62
State Patrol	230	5%		90	9	5	36	27	63
Police	165	3%		108	0	11	3	2	41
Other	43	0.90%		13	0	1	5	1	23
Radio	32	0.67%		9	0	1	10	1	11
Citizen	30	0.63%		21	1	0	0	2	6
Maintenance	24	0.50%		10	0	0	3	2	9
DOT Personnel	22	0.46%		7	0	0	6	2	7
Tour	5	0.10%		2	0	0	1	0	2
Total	4,795	100%		2,158	193	113	708	104	1,519

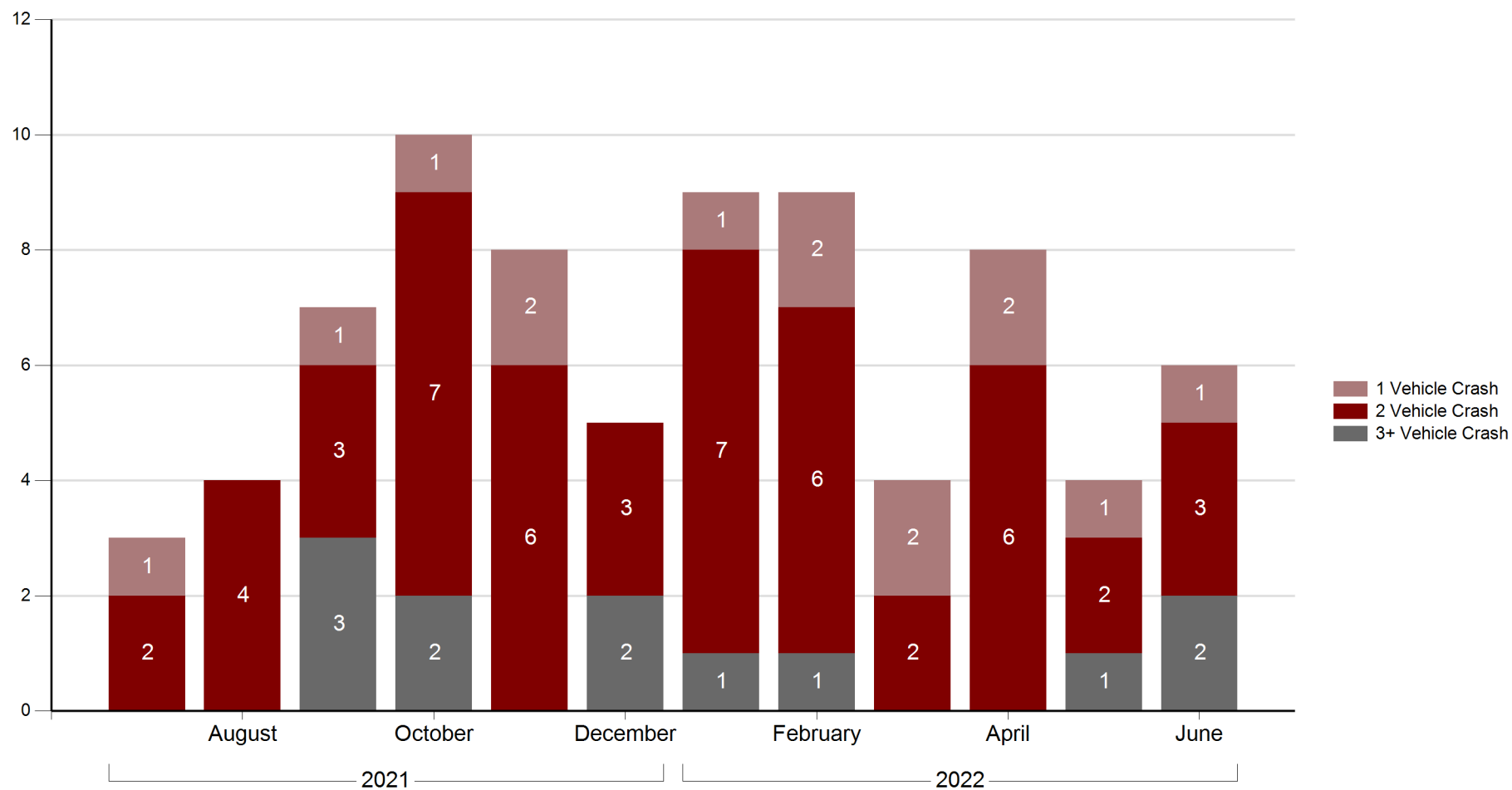
\* - Totals include Highway Helper Incidents



### SECONDARY INCIDENTS BY TYPE

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

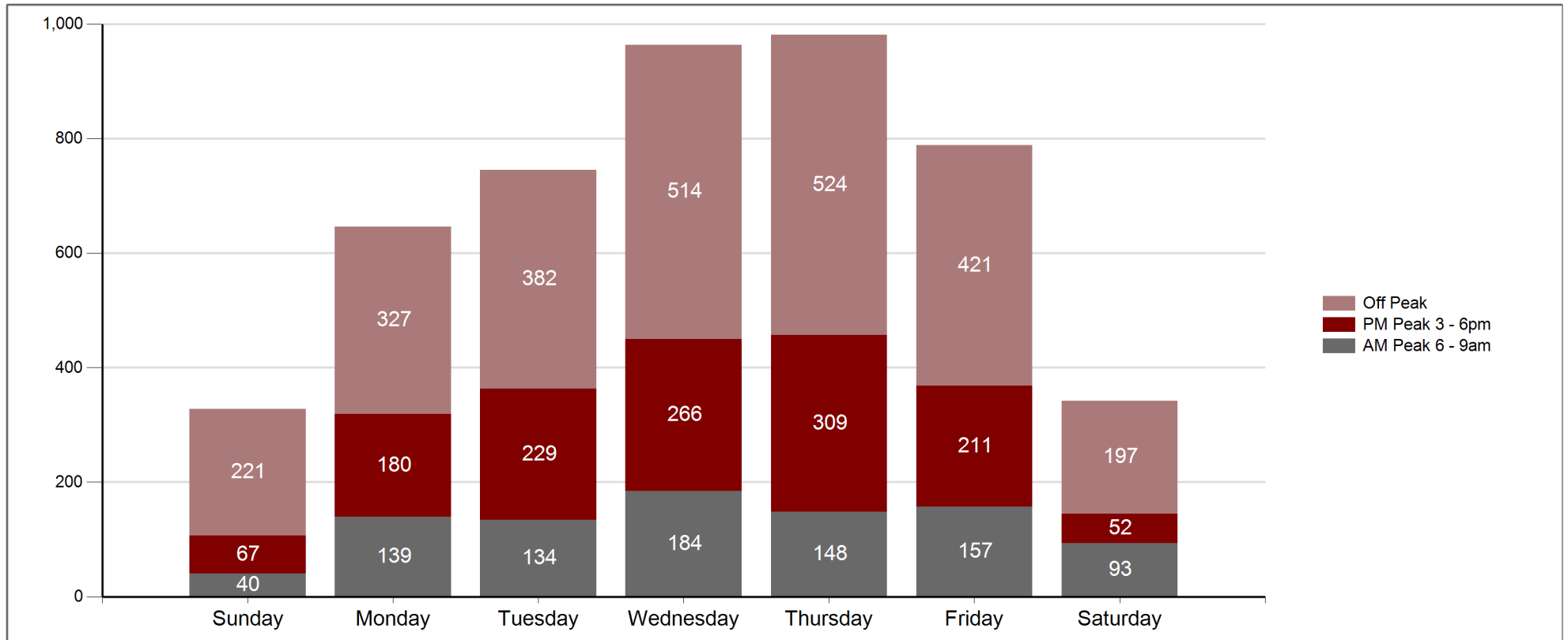
Type	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	3	50%			1	0	0	0	0	2
3+ Vehicle Crash	2	33%	46 min		2	0	0	0	0	0
1 Vehicle Crash	1	17%			1	0	0	0	0	0
Total	6	100%	46 min		4	0	0	0	0	2



### 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.

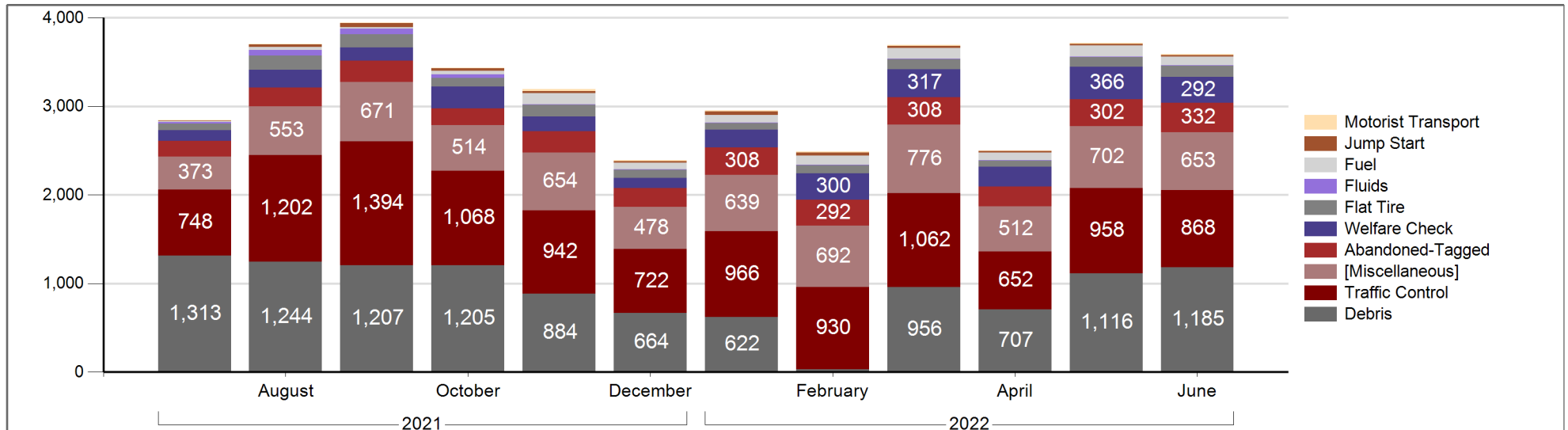
Weekday	Total	%	Avg Impact		District 1	District 2	District 3	District 4	District 5	District 6
Thursday	981	20%	42 min		438	50	20	137	25	311
Wednesday	964	20%	50 min		437	50	13	149	17	298
Friday	789	16%	1 hr 10 m		350	28	21	126	16	248
Tuesday	745	16%	1 hr 3 m		318	26	17	97	26	261
Monday	646	13%	38 min		288	13	21	96	9	219
Saturday	342	7%	1 hr 36 m		156	12	7	61	4	102
Sunday	328	7%	1 hr 8 m		171	14	14	42	7	80
Total	4,795	100%	42 min		2,158	193	113	708	104	1,519



### 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	1,185	33%	19 min		387	204	89	387
Traffic Control	868	24%	49 min		360	80	112	146
[Miscellaneous]	653	18%	35 min		272	63	82	112
Abandoned-Tagged	332	9%	16 min		152	32	32	56
Welfare Check	292	8%	4 min		86	32	46	68
Flat Tire	131	4%	16 min		82	12	10	10
Fuel	97	3%	13 min		50	20	7	6
Jump Start	18	0.50%			6	2	2	4
Motorist Transport	11	0.31%			3	0	1	3
Fluids	1	0.03%			0	0	0	1
Total	3,588	100%	35 min		1,398	445	381	793

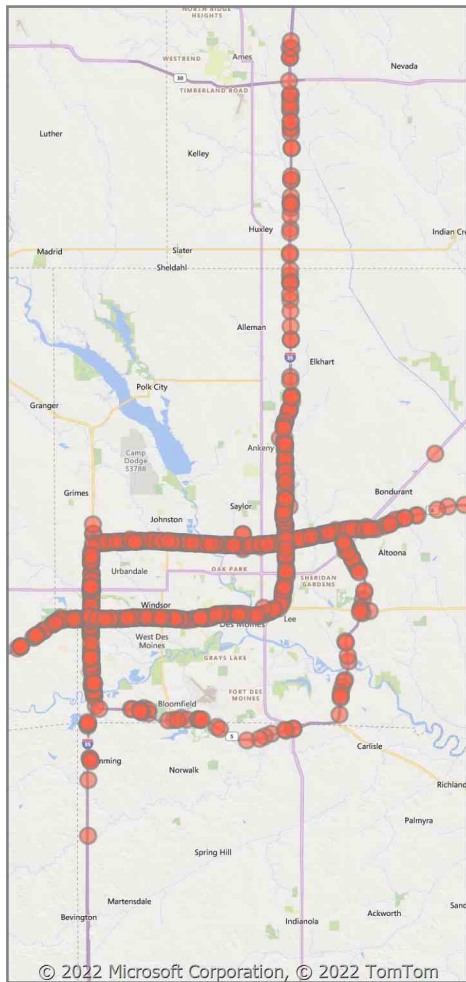




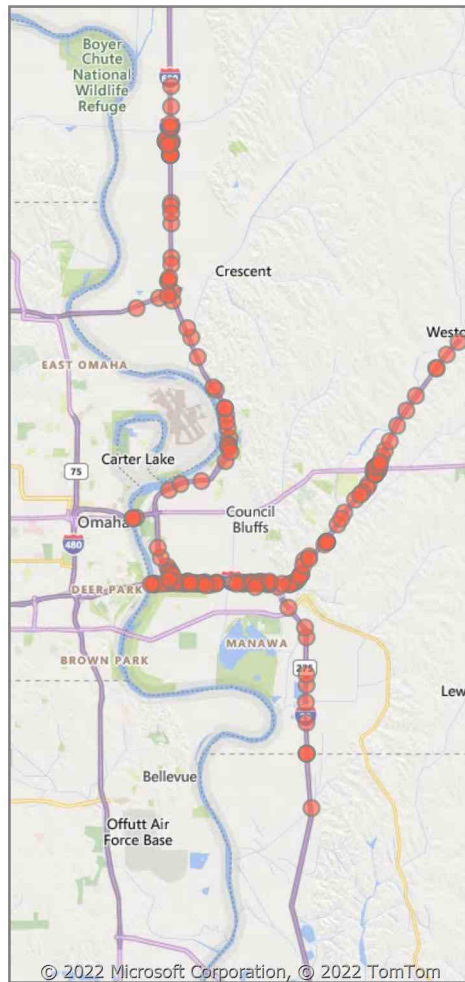
## HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

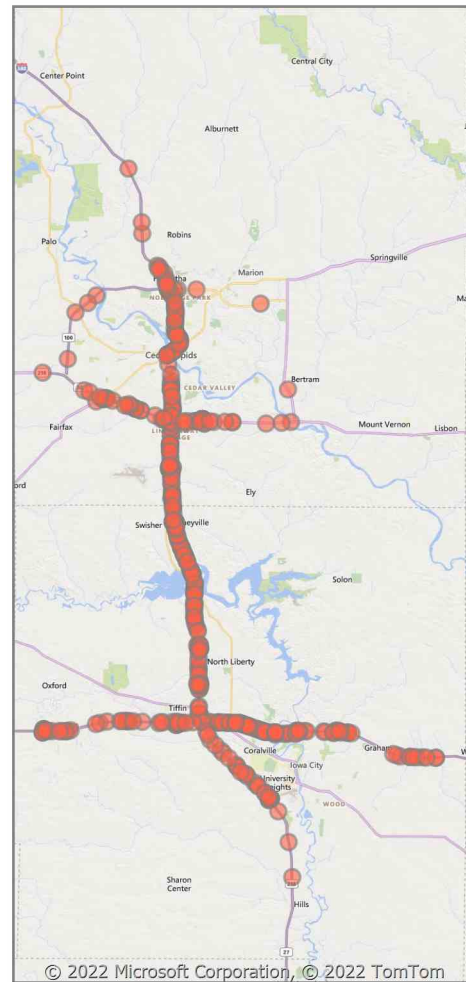
### DES MOINES



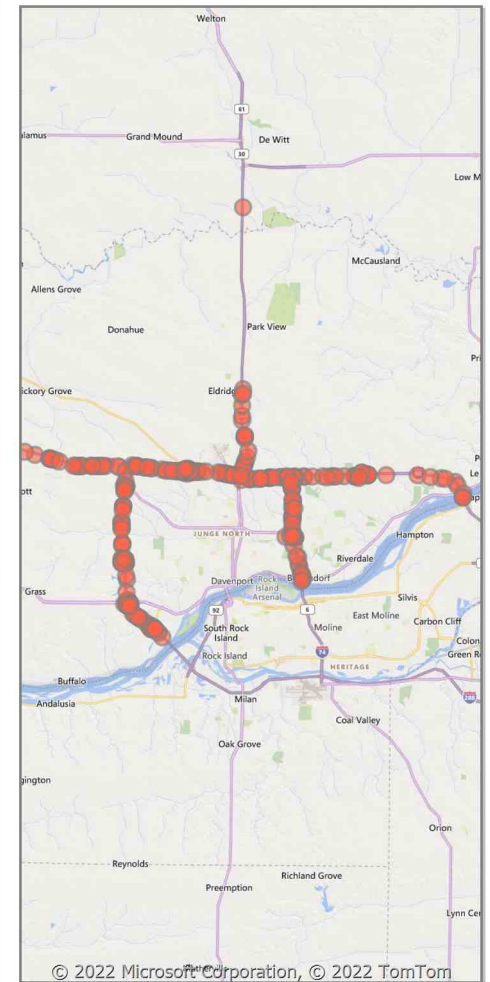
### COUNCIL BLUFFS



### CEDAR RAPIDS / IOWA CITY

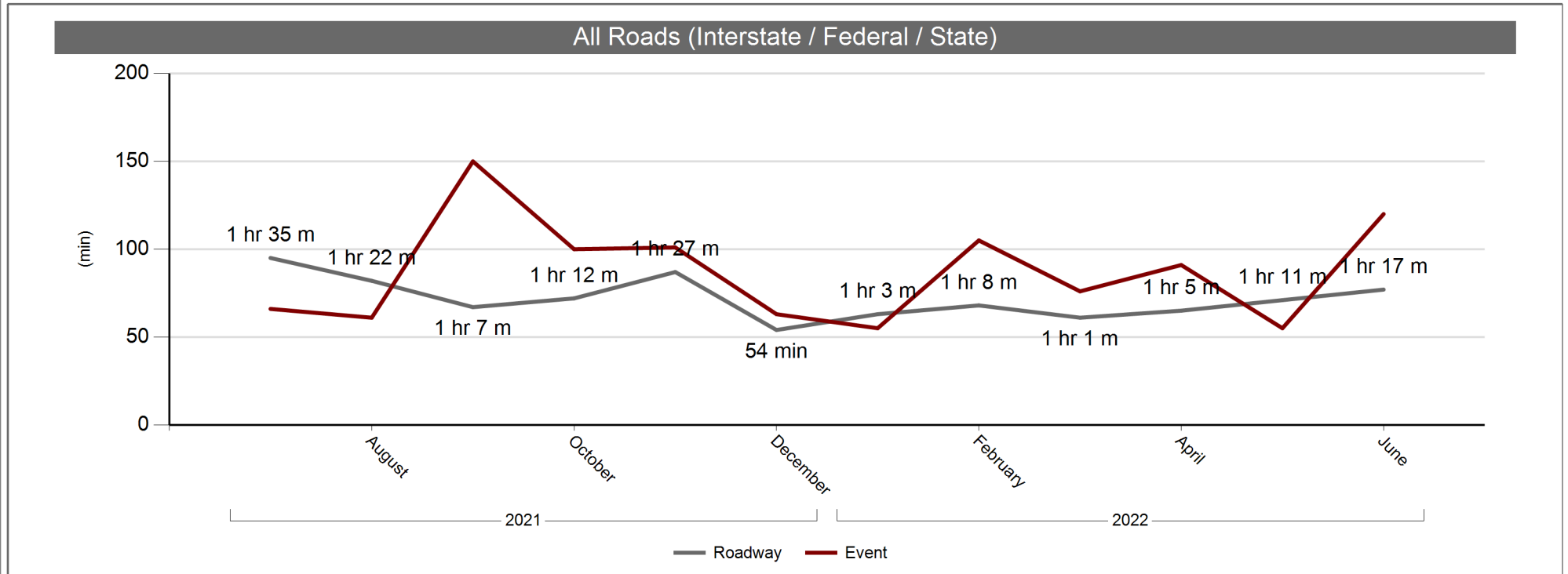


### DAVENPORT

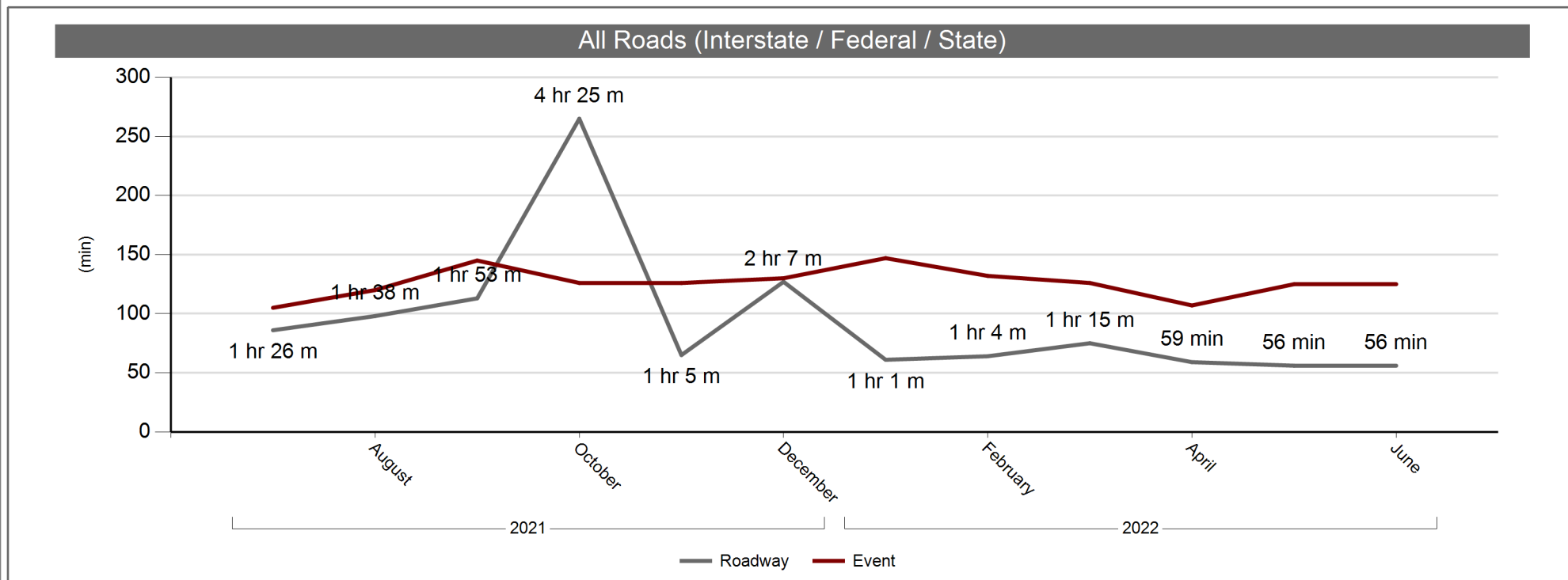




INCIDENT CLEARANCE TIMES (CRASHES ONLY)									
Event : All Responders Departed / Roadway : All Lanes Re-Opened									
	Type	Total		District 1	District 2	District 3	District 4	District 5	District 6
Event	All	<b>2 hours</b>		2 hr 8 m	52 min	1 hr 56 m	2 hr 11 m	26 min	2 hr 4 m
	Federal	1 hr 17 m		1 hr 13 m	42 min	2 hr 14 m			54 min
	Interstate	1 hr 52 m		1 hr 43 m		1 hr 19 m	2 hr 11 m	26 min	2 hr 14 m
	State	4 hr 11 m		6 hr 25 m	1 hr 12 m				1 hr 13 m
Roadway	All	<b>1 hr 17 m</b>		55 min	53 min	2 hr 3 m	2 hr 16 m	1 hr 21 m	1 hr 13 m
	Federal	1 hr 25 m		1 hr 24 m	42 min	2 hr 6 m	5 hr 23 m	48 min	1 hr 2 m
	Interstate	1 hr 8 m		48 min		1 hr 57 m	2 hr 12 m	1 hr 26 m	48 min
	State	1 hr 57 m		56 min	1 hr 15 m		21 min	2 hr 37 m	4 hr 54 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	2 hr 5 m		2 hr 11 m	1 hr 1 m	2 hr 9 m	1 hr 38 m	26 min	2 hr 14 m
	Federal	58 min		42 min	42 min	2 hr 25 m	1 hr 22 m		39 min
	Interstate	2 hr 14 m		2 hr 13 m		1 hr 19 m	1 hr 48 m	26 min	2 hr 28 m
	State	2 hr 44 m		4 hr 33 m	1 hr 20 m		12 min		54 min
Roadway	All	56 min		41 min	1 hr 31 m	1 hr 41 m	1 hr 49 m	1 hr 43 m	44 min
	Federal	1 hr 5 m		55 min	32 min	1 hr 57 m	2 hr 47 m	48 min	43 min
	Interstate	50 min		37 min		1 hr 31 m	1 hr 53 m	2 hr 1 m	33 min
	State	1 hr 24 m		46 min	2 hr 30 m	20 min	13 min	2 hr 37 m	2 hr 52 m



### INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 30 m)								
	06/11 08:31 AM	<a href="#">213259</a>	I-80			1	3 hr 35 m	Initial report of a single vehicle crash on I-80 EB at MM 90 (near Menlo).
	06/13 06:34 AM	<a href="#">213413</a>	I-35			1	4 hr 2 m	Initial report of a single vehicle crash on I-35 SB at MM 35 (near New Virginia).
	06/14 04:39 AM	<a href="#">213578</a>	I-80			1	7 hr 9 m	Initial report of a single vehicle crash on I-80 WB at MM 110 in De Soto.
	06/18 08:03 AM	<a href="#">214441</a>	I-80		1	1	3 hr 42 m	Initial report of a single vehicle crash on I-80 WB at MM 295 in Davenport.
	06/14 01:14 PM	<a href="#">213656</a>		1			5 hr 23 m	Initial report of a single vehicle crash on US-275 NB at MM 7 (near Hamburg).
	06/18 07:49 PM	<a href="#">214490</a>	I-29	1			5 hr 18 m	Initial report of a single vehicle crash on I-29 NB at MM 16 (near Thurman).
	06/12 10:53 PM	<a href="#">213389</a>	US-18		1		3 hr 54 m	Initial report of a single vehicle crash on US-18 EB at MM 115 (near Cylinder).
	06/22 01:47 AM	<a href="#">214969</a>	I-29		1	1	4 hr 51 m	Initial report of a single vehicle crash on I-29 SB at MM 1 (near Hamburg).
	06/29 03:40 PM	<a href="#">216211</a>	I-29		1		3 hr 25 m	Initial report of a stalled vehicle on I-29 NB at MM 51 in Council Bluffs.
2 Vehicle Crash (Avg Impact : 1 hr 11 m)								
	06/01 12:01 PM	<a href="#">211658</a>	I-35		1		5 hrs	Initial report of a 2 vehicle crash on I-35 NB at MM 94 in Ankeny.
	06/24 04:10 PM	<a href="#">215581</a>	IA-100		1		13 hr 57 m	Initial report of a 2 vehicle crash on IA-100 WB at MM 14 (near Marion).
3+ Vehicle Crash (Avg Impact : 54 min)								
	06/06 04:06 AM	<a href="#">212344</a>	I-80		2		2 hr 54 m	Initial report of a three vehicle crash on I-80 EB at MM 99 (near Dexter).
Debris (Avg Impact : 18 min)								
	06/21 08:12 AM	<a href="#">214810</a>	IA-76				4 hr 48 m	Initial report of a debris event on IA-76 NB at MM 8 (near Marquette).
Emergency Vehicles (Avg Impact : 47 min)								
	06/24 12:39 PM	<a href="#">215534</a>	IA-212				2 hr 3 m	Initial report of an emergency vehicles event on IA-212 EB at MM 12 in Marengo.
Stalled Vehicle (Avg Impact : 30 min)								
	06/17 02:23 PM	<a href="#">214298</a>	I-80			1	2 hr 7 m	Initial report of a stalled vehicle on I-80 EB at MM 67 (near Anita).
Vehicle Fire (Avg Impact : 1 hr 30 m)								
	06/07 01:53 AM	<a href="#">212500</a>	US-75			1	4 hr 47 m	Initial report of a vehicle fire on US-75 NB at MM 106 in Hinton.