



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

August 2022

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

Executive Summary

TOTAL INCIDENTS		TOTAL SECONDARY INCIDENTS		TOTAL MULTI-VEHICLE INCIDENTS	
The total number of incidents during the period. *		Crashes that occur within the original incident scene or resulting queue.		The total number of multi-vehicle incidents during the period.	
Previous	Current	Previous	Current	Previous	Current
July	August	July	August	July	August
4,528	4,794	5	15	144	168

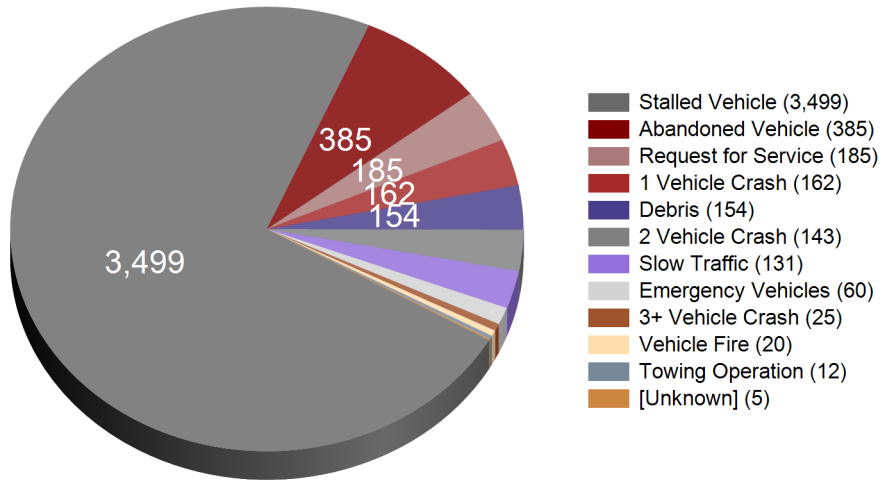
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
July	August	July	August	July	August
275	291	1 hr 17 m	1 hr 20 m	1,580	1,688

* - excludes roadwork

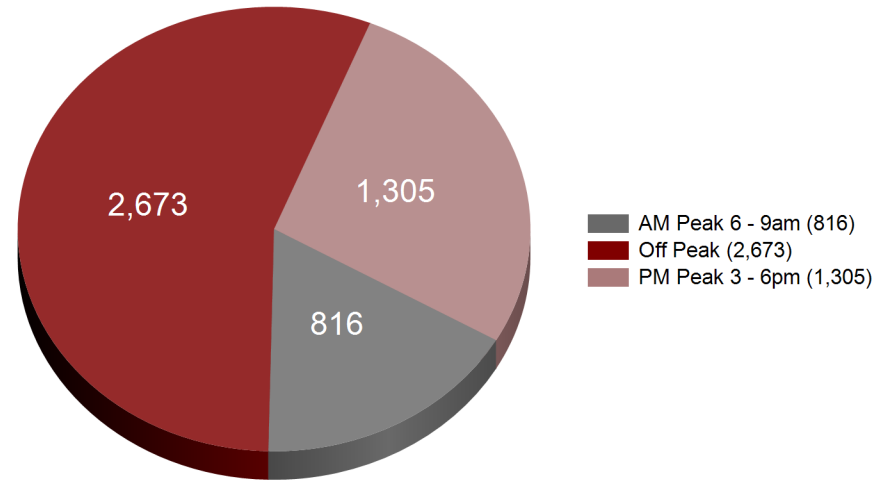
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

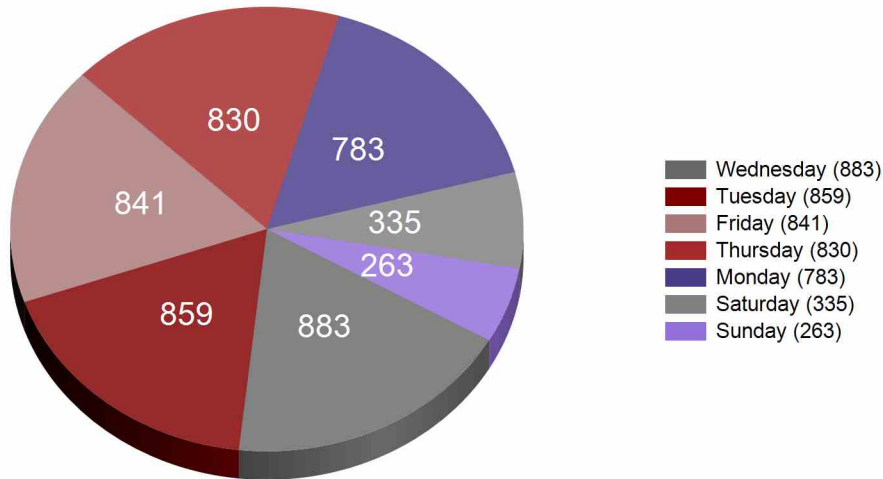
Incidents By Type



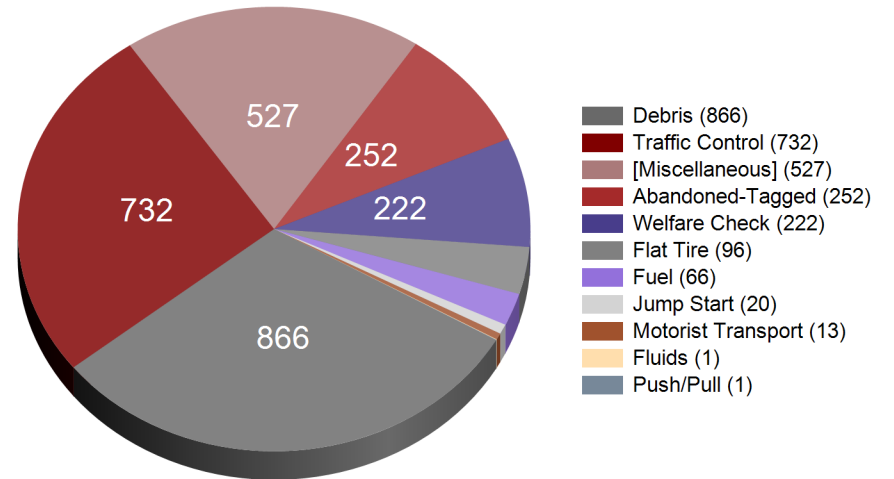
Incidents By Shift



Incidents By Day



Highway Helper Response

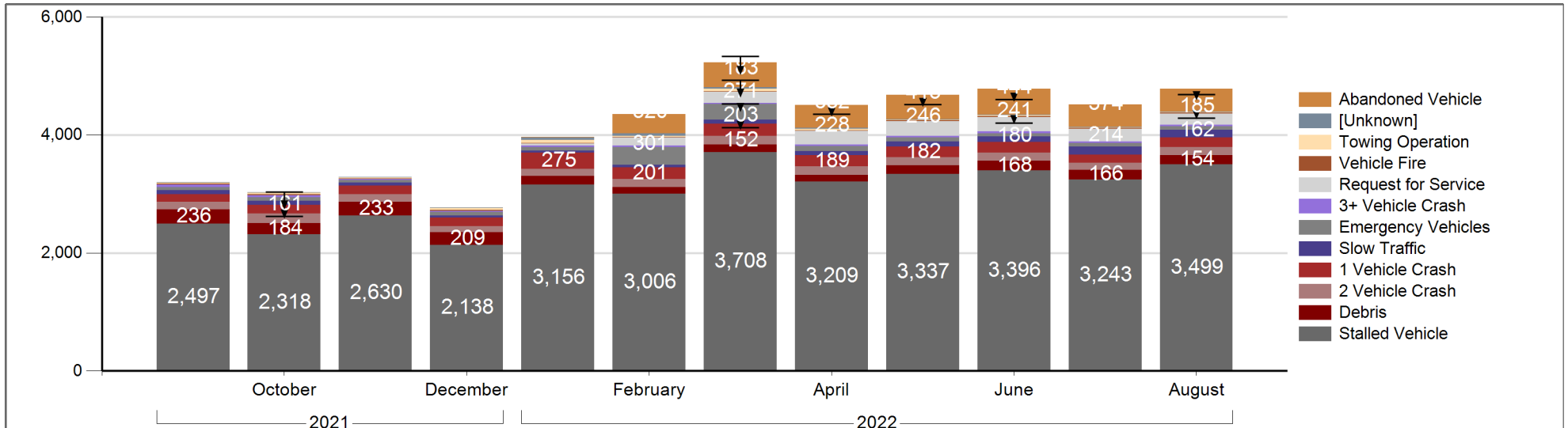


INCIDENT TOTALS BY TYPE

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	3,499	73%	25 min	1,481	165	73	578	61	1,141
Abandoned Vehicle	385	8%	10 min	184	7	3	55	10	126
Request for Service	185	4%	4 min	58	30	31	25	17	24
1 Vehicle Crash	162	3%	1 hr 29 m	59	11	7	27	16	42
Debris	154	3%	19 min	74	6	7	13	3	51
2 Vehicle Crash	143	3%	1 hr 26 m	74	4	7	10	5	43
Slow Traffic	131	3%	36 min	87	0	1	2	0	41
Emergency Vehicles	60	1%	36 min	27	2	2	9	2	18
3+ Vehicle Crash	25	0.52%	39 min	15	1	0	3	1	5
Vehicle Fire	20	0.42%	1 hr 8 m	9	0	1	4	2	4
Towing Operation	12	0.25%	2 hr 5 m	6	0	0	4	1	1
[Unknown]	5	0.10%		0	0	0	0	0	5
Total	4,781	100%	2 hr 7 m	2,074	226	132	730	118	1,501

* - Totals include Highway Helper Incidents

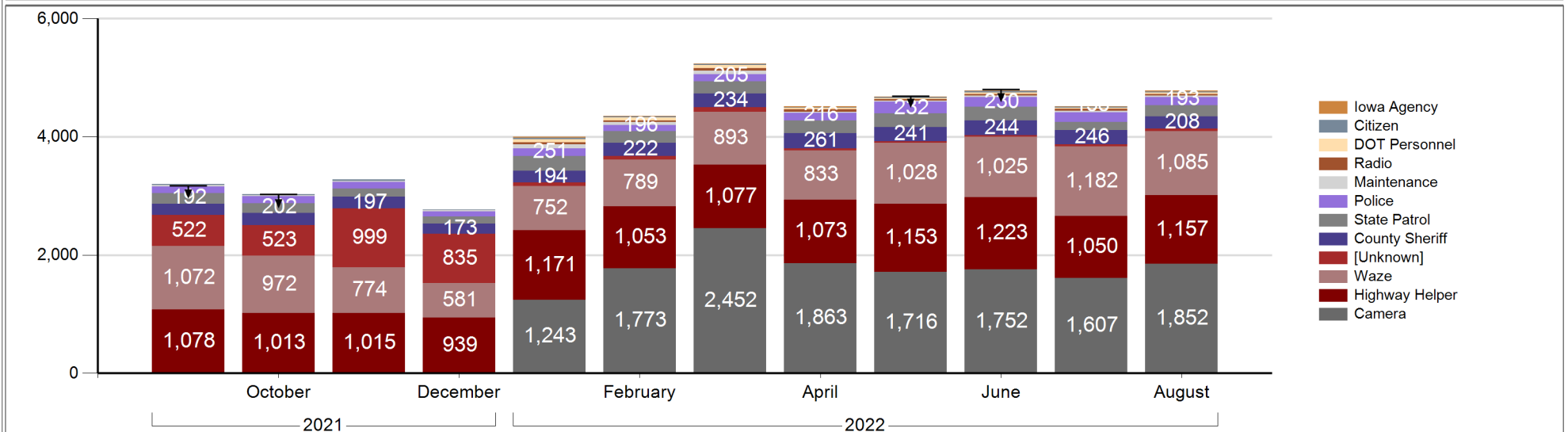


INCIDENT TOTALS BY DETECTION TYPE

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	1,852	39%	823	140	35	296	32	526
Highway Helper	1,157	24%	445	0	1	186	9	516
Waze	1,085	23%	532	38	47	153	27	288
County Sheriff	208	4%	56	35	23	33	21	40
State Patrol	193	4%	92	9	10	33	18	31
Police	138	3%	71	2	15	10	3	37
Other	57	1%	17	0	0	11	2	27
Radio	26	0.54%	6	1	0	5	2	12
Maintenance	25	0.52%	3	2	0	3	2	15
DOT Personnel	22	0.46%	10	0	0	1	2	9
Citizen	19	0.40%	18	0	0	0	1	0
Iowa Agency	12	0.25%	4	0	1	1	1	5
Total	4,794	100%	2,077	227	132	732	120	1,506

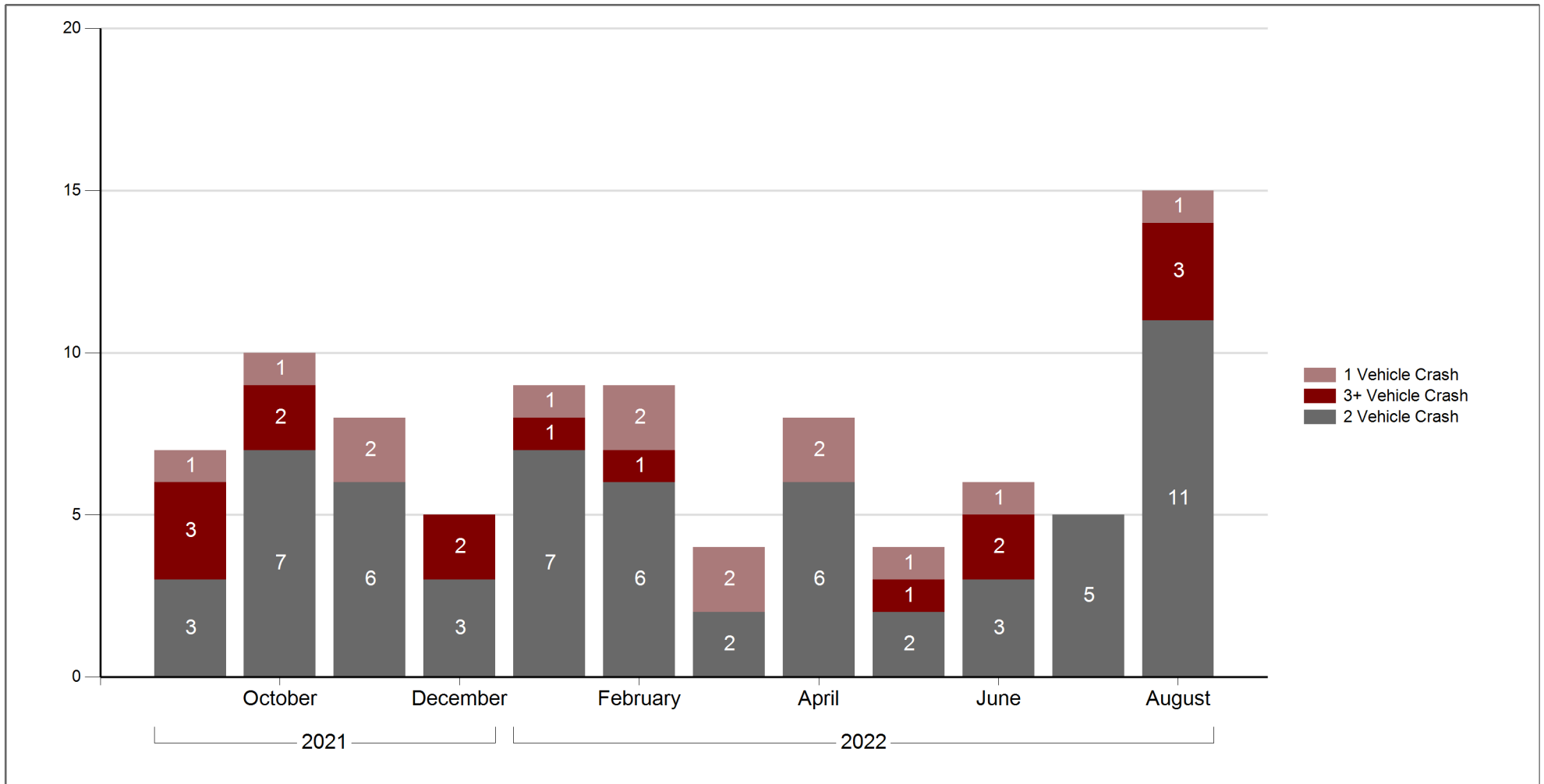
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

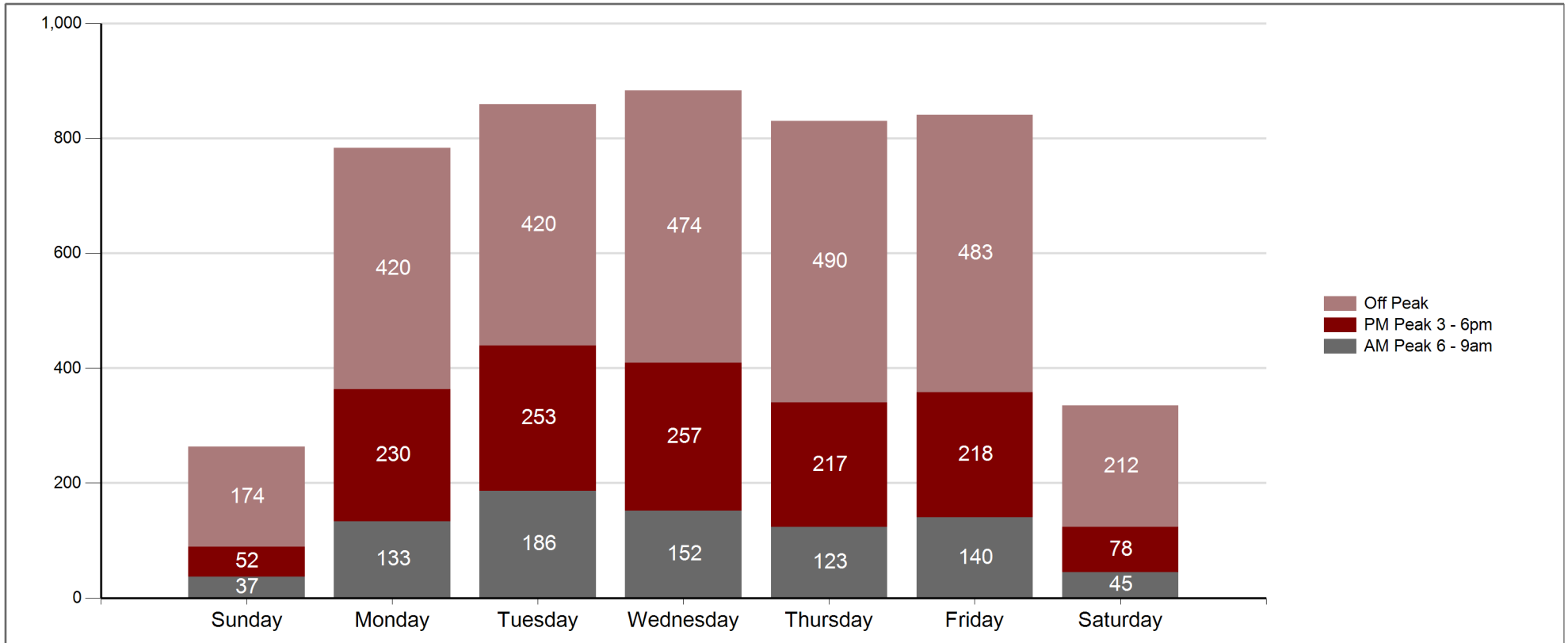
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	11	73%	1 hr 11 m	7	0	0	1	0	3
3+ Vehicle Crash	3	20%	1 hr 6 m	2	0	0	1	0	0
1 Vehicle Crash	1	7%	55 min	0	0	0	1	0	0
Total	15	100%	1 hr 7 m	9	0	0	3	0	3



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.

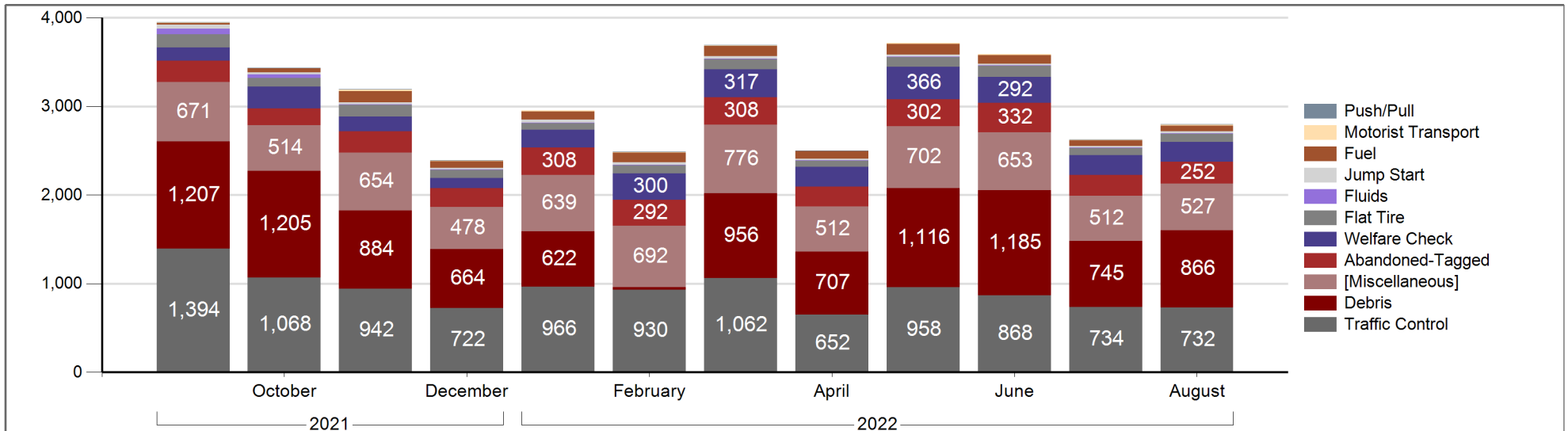
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	883	18%	7 hr 52 m	378	36	28	139	12	290
Tuesday	859	18%	35 min	341	38	25	133	25	297
Friday	841	18%	50 min	375	42	22	114	18	270
Thursday	830	17%	35 min	353	57	17	129	14	260
Monday	783	16%	55 min	331	29	23	117	30	253
Saturday	335	7%	42 min	167	12	8	53	10	85
Sunday	263	5%	2 hr 40 m	132	13	9	47	11	51
Total	4,794	100%	7 hr 52 m	2,077	227	132	732	120	1,506



HIGHWAY HELPER RESPONSES

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

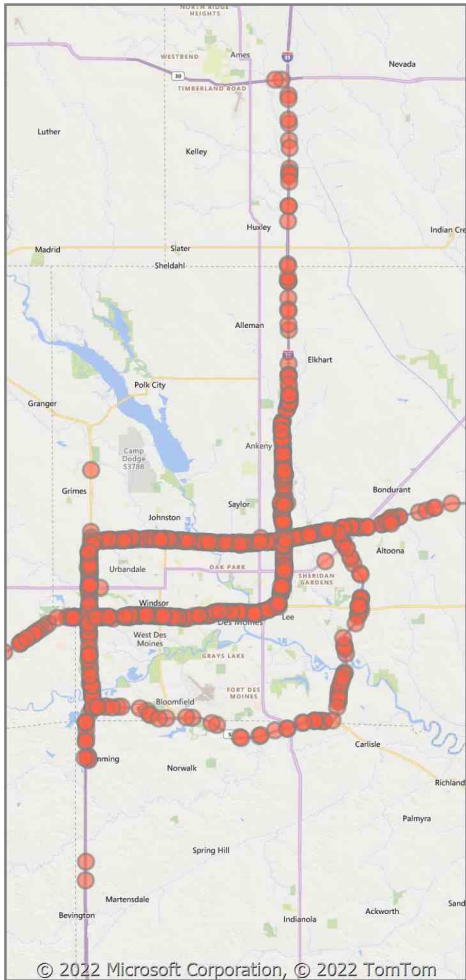
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	866	31%	47 min		352	104	74	236
Traffic Control	732	26%	46 min		290	110	102	80
[Miscellaneous]	527	19%	39 min		208	81	72	77
Abandoned-Tagged	252	9%			112	30	24	32
Welfare Check	222	8%	8 min		99	31	26	35
Flat Tire	96	3%			44	15	20	14
Fuel	66	2%	10 min		38	6	12	6
Jump Start	20	0.72%			10	4	2	2
Motorist Transport	13	0.46%			3	1	4	2
Fluids	1	0.04%			1	0	0	0
Push/Pull	1	0.04%	4 min		0	0	0	1
Total	2,796	100%	40 min		1,157	382	336	485



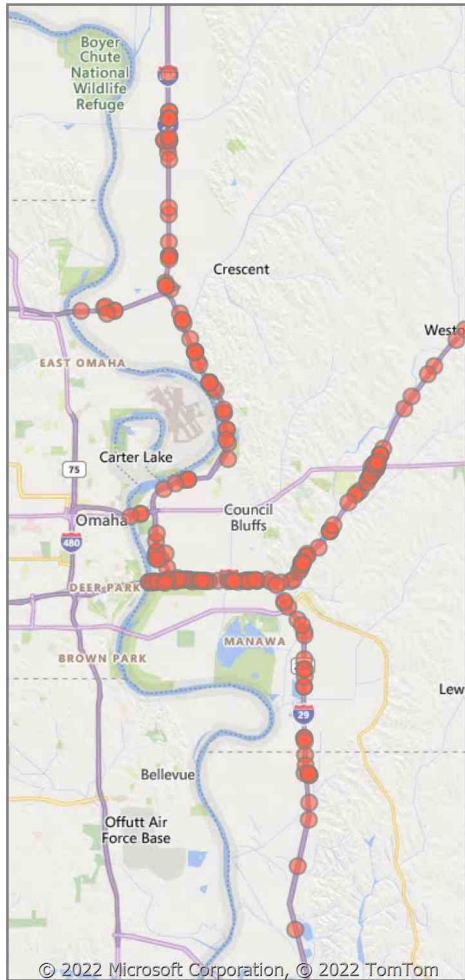
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



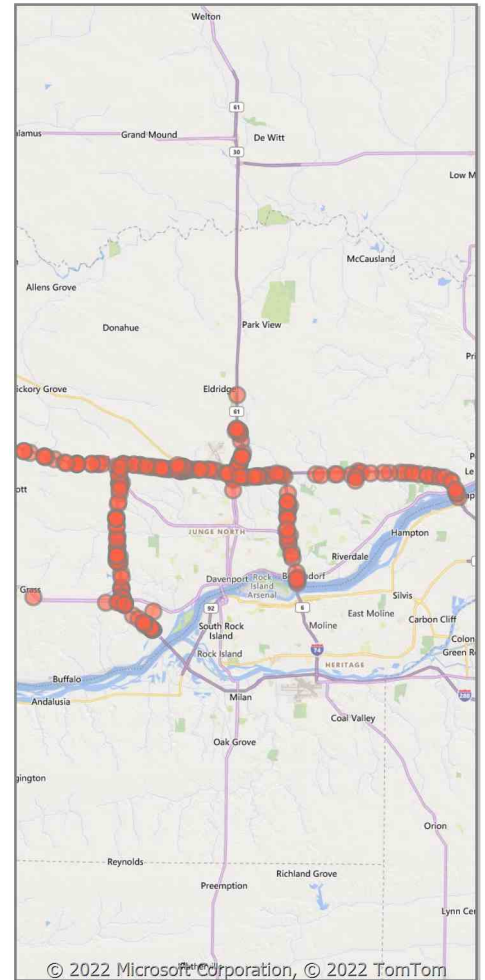
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

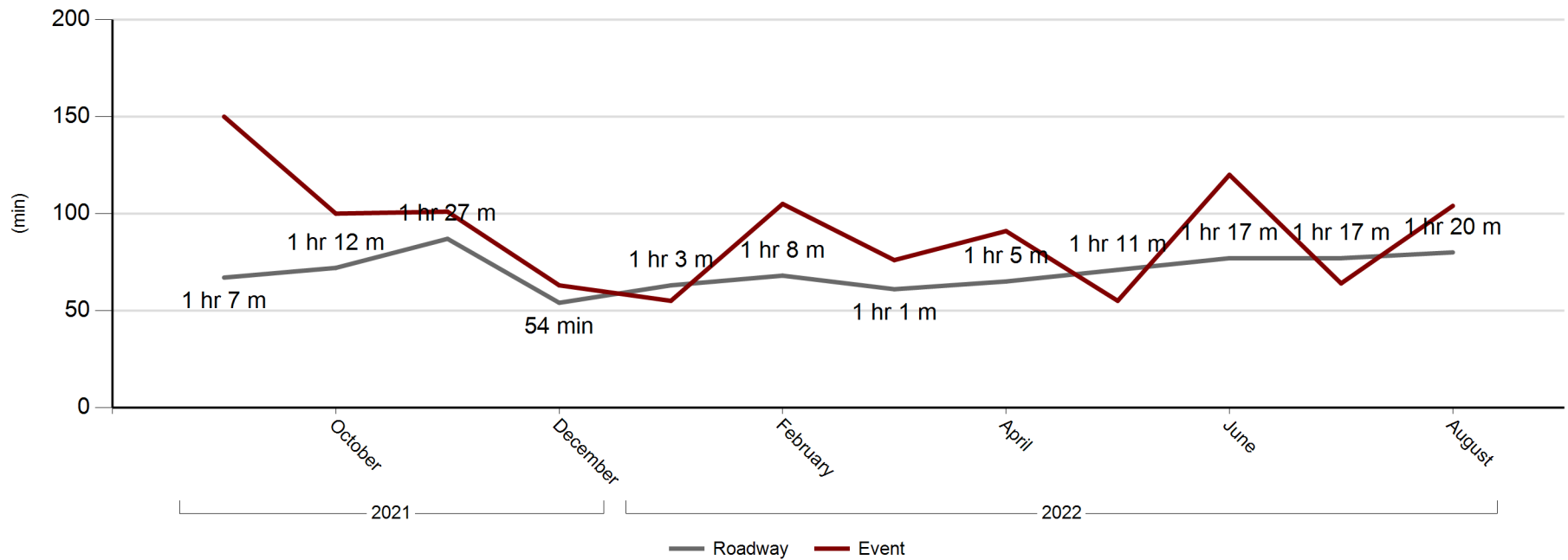


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 44 m	1 hr 35 m	18 min	1 hr 37 m	1 hr 4 m	2 hr 11 m	2 hr 11 m
	Federal	3 hr 26 m	5 hr 32 m	18 min	18 min	1 hr 39 m	2 hr 11 m	3 hr 7 m
	Interstate	1 hr 6 m	49 min		1 hr 50 m	48 min		1 hr 39 m
	State	1 hr 25 m			2 hr 20 m	1 hr 36 m		19 min
Roadway	All	1 hr 20 m	1 hr 18 m	1 hr 33 m	2 hr 4 m	1 hr 15 m	2 hr 40 m	1 hr 3 m
	Federal	1 hr 46 m	3 hr 4 m	1 hr 38 m	1 hr 27 m	48 min	2 hr 18 m	52 min
	Interstate	1 hr 13 m	53 min	1 hr 18 m	2 hr 23 m	1 hr 18 m	5 hr 3 m	1 hr 12 m
	State	54 min	33 min		2 hr 20 m	1 hr 38 m	53 min	52 min

All Roads (Interstate / Federal / State)

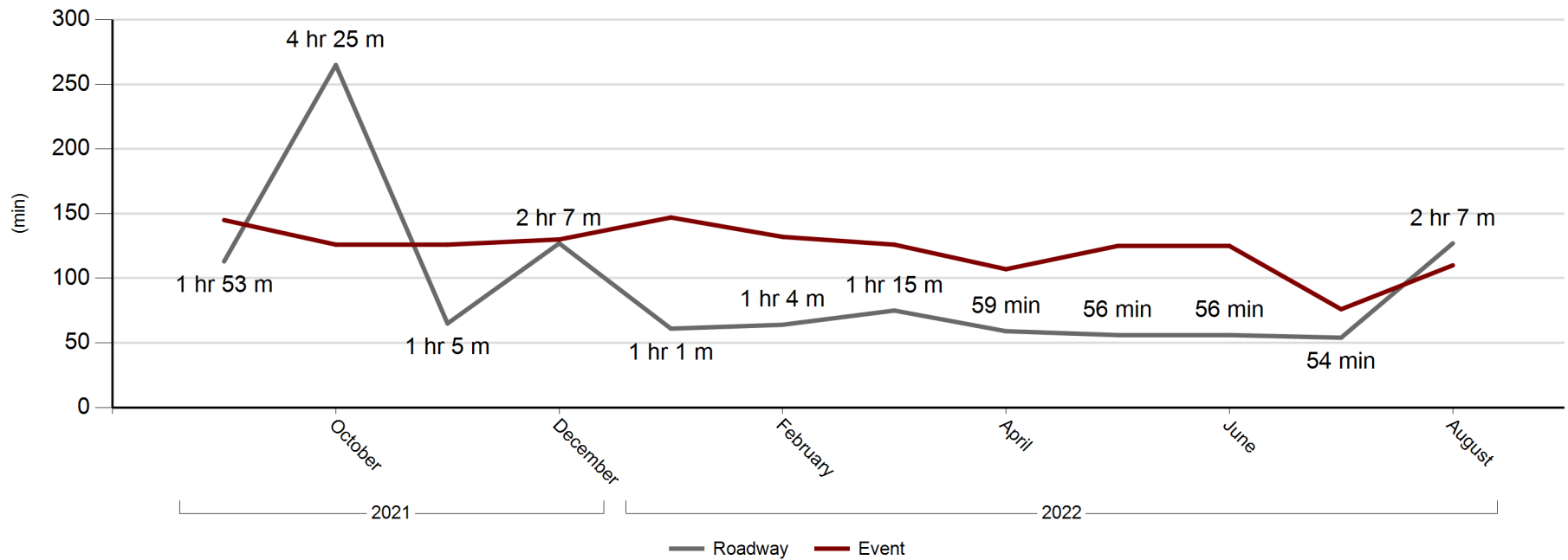


INCIDENT CLEARANCE TIMES (ALL TYPES)

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	1 hr 50 m	2 hr 17 m	44 min	2 hr 12 m	1 hr 13 m	2 hr 12 m	1 hr 18 m
	Federal	2 hr 45 m	4 hr 22 m	12 min	18 min	1 hr 39 m	2 hr 11 m	2 hr 11 m
	Interstate	1 hr 32 m	1 hr 46 m		2 hr 27 m	1 hr 9 m	2 hr 13 m	1 hr 1 m
	State	2 hr 21 m	3 hr 36 m	1 hr 49 m	2 hr 20 m	1 hr 36 m		38 min
Roadway	All	2 hr 7 m	48 min	1 hr 33 m	1 hr 33 m	1 hr 4 m	1 day 43 min	44 min
	Federal	1 hr 23 m	2 hr 5 m	1 hr 25 m	1 hr 27 m	36 min	1 hr 46 m	52 min
	Interstate	50 min	36 min	58 min	1 hr 38 m	1 hr 6 m	2 hr 27 m	40 min
	State	9 hr 53 m	31 min	2 hr 25 m	1 hr 16 m	1 hr 25 m	3 days	41 min

All Roads (Interstate / Federal / State)



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr 29 m)								
	08/07 04:36 PM	222325	I-35			1	9 hr 41 m	Initial report of a single vehicle crash on I-35 NB at MM 63 (near Cumming).
	08/10 03:51 AM	222659	I-80			1	4 hr 54 m	Initial report of a single vehicle crash on I-80 WB at MM 176 (near Oakland Acres).
	08/11 02:52 PM	222964	US-218			1	5 hr 35 m	Initial report of a single vehicle crash on US-218 NB at MM 187 in Cedar Falls.
	08/21 01:30 AM	224459	I-280	1			6 hr 29 m	Initial report of a single vehicle crash on I-280 WB at MM 8 in Davenport.
	08/17 01:57 AM	223737	I-35	1		1	3 hr 35 m	Initial report of a single vehicle crash on I-35 SB at MM 117 (near Ames).
	08/22 01:10 PM	224620	I-29		1	1	3 hr 39 m	Initial report of a single vehicle crash on I-29 SB at MM 140 (near Sergeant Bluff).
2 Vehicle Crash (Avg Impact : 1 hr 26 m)								
	08/28 10:09 PM	225702	US-65	1	1	1	1 day 5 hr 32 m	Initial report of a 2 vehicle crash on US-65 NB at MM 128 (near Hubbard).
Emergency Vehicles (Avg Impact : 36 min)								
	08/26 08:20 PM	225546	IA-17				2 hr 11 m	Initial report of an emergency vehicles event on IA-17 SB at MM 38 in Stanhope.
Stalled Vehicle (Avg Impact : 25 min)								
	08/18 04:59 PM	224108	I-29				2 hr 2 m	Initial report of a stalled vehicle on I-29 NB at MM 47 in Council Bluffs.
	08/08 05:36 AM	222356	I-80			1	2 hr 16 m	Initial report of a stalled vehicle on I-80 EB at MM 5 in Council Bluffs.
Towing Operation (Avg Impact : 2 hr 5 m)								
	08/12 09:45 AM	223108	I-80				3 hr 28 m	Initial report of a towing operation event on I-80 WB at MM 54 (near Marne).
	08/21 08:02 PM	224504	I-35				3 hr 49 m	Initial report of a towing operation event on I-35 SB at MM 107 (near Huxley).
Vehicle Fire (Avg Impact : 1 hr 8 m)								
	08/31 12:29 AM	226043	I-29			1	8 hr 45 m	Initial report of a vehicle fire on I-29 NB at MM 96 (near Little Sioux).