



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

August 2020

This report contains statistical and operational data for TMC activities from the period of August 01, 2020 to August 31, 2020.

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
2,743	3,110	1	2	113	117

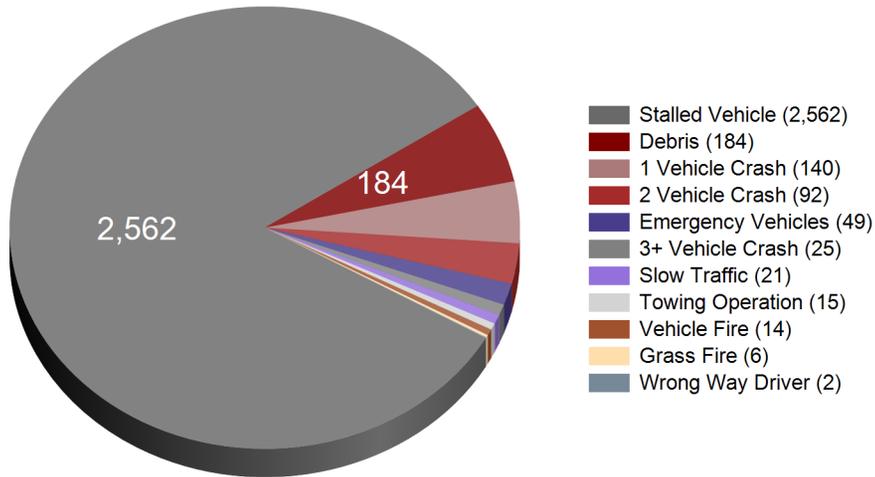
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
July	August	July	August	July	August
224	294	1 hr 30 m	1 hr 29 m	1,395	1,371

* - excludes roadwork

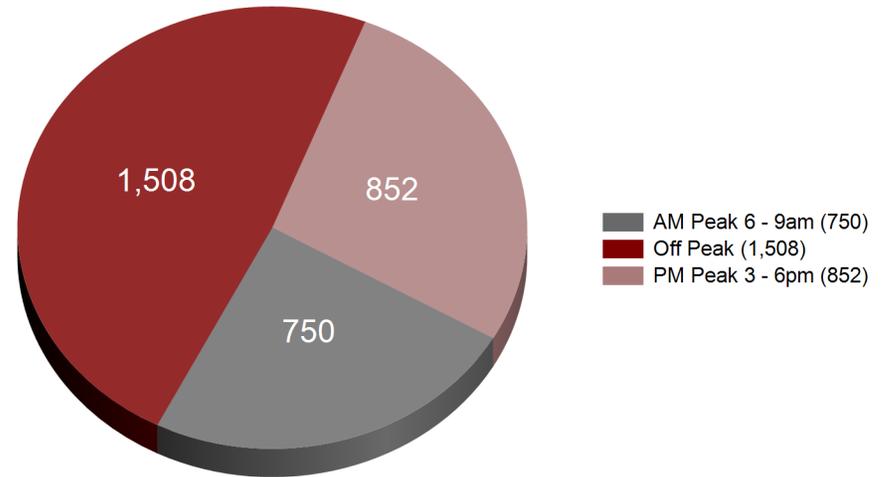
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

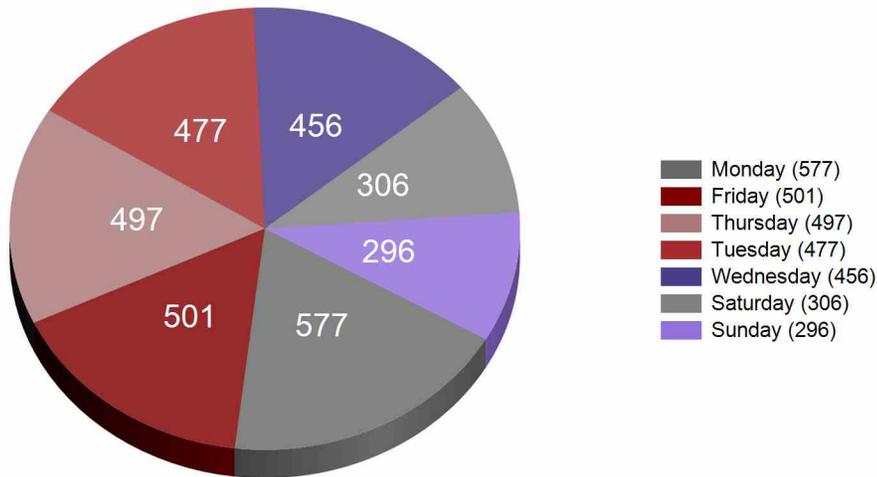
Incidents By Type



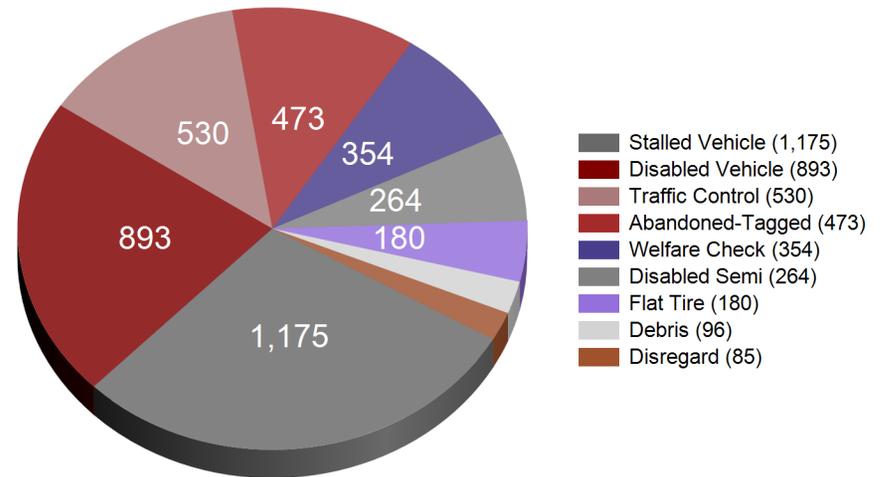
Incidents By Shift



Incidents By Day



Highway Helper Response

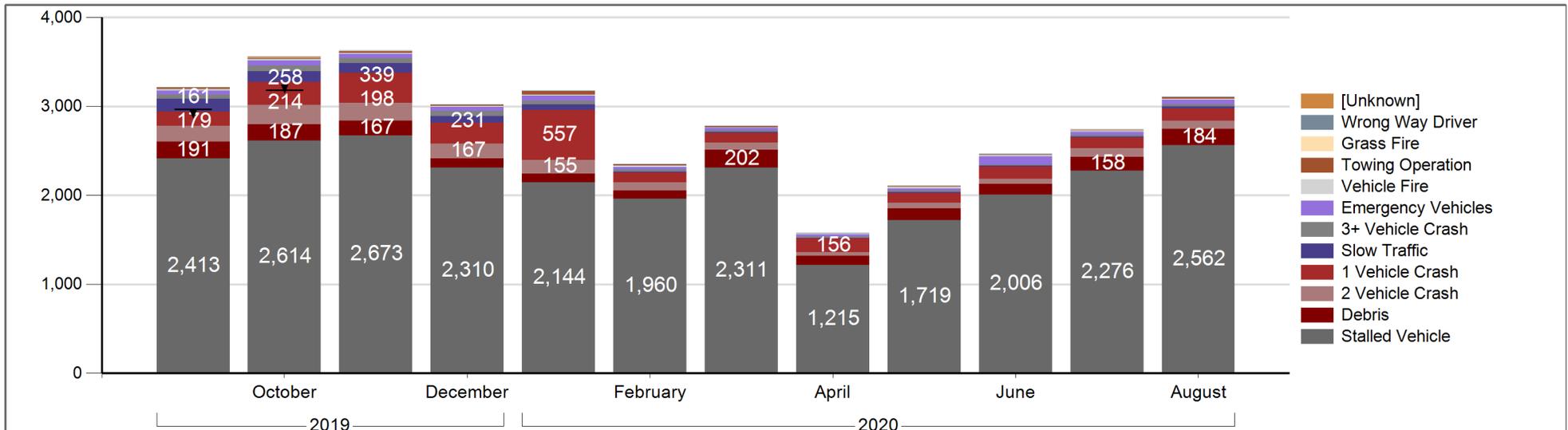


INCIDENT TOTALS BY TYPE

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	2,562	82%	39 min	1,060	39	55	363	68	912
Debris	184	6%	1 day 5 hr 28 m	79	4	15	25	12	46
1 Vehicle Crash	140	5%	1 hr 46 m	41	4	7	24	16	47
2 Vehicle Crash	92	3%	1 hr 19 m	37	4	6	13	7	25
Emergency Vehicles	49	2%	15 hr 46 m	15	0	1	6	7	20
3+ Vehicle Crash	25	0.80%	1 hr 8 m	10	0	0	3	1	11
Slow Traffic	21	0.68%		12	0	1	2	0	6
Towing Operation	15	0.48%	3 hr 42 m	3	0	0	1	1	10
Vehicle Fire	14	0.45%	1 hr 20 m	6	1	0	3	1	3
Grass Fire	6	0.19%	29 min	4	0	0	0	0	2
Wrong Way Driver	2	0.06%		2	0	0	0	0	0
Total	3,110	100%	8 hr 8 m	1,269	52	85	440	113	1,082

* - Totals include Highway Helper Incidents

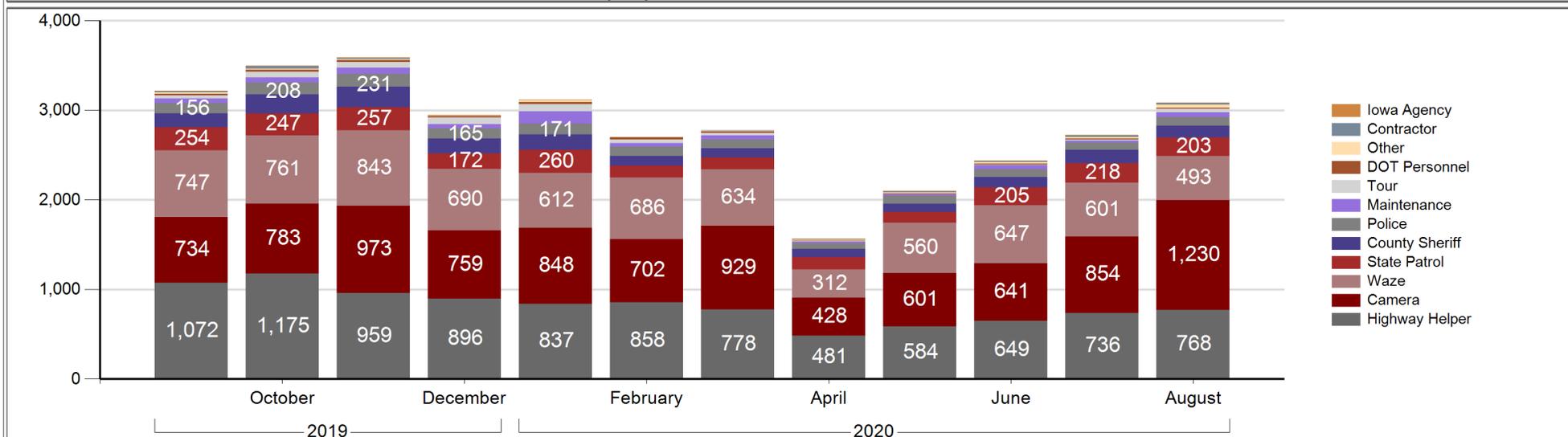


INCIDENT TOTALS BY DETECTION TYPE

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	1,230	40%	541	30	39	160	52	352
Highway Helper	768	25%	267	0	0	109	2	385
Waze	493	16%	219	12	16	87	13	140
State Patrol	203	7%	79	5	4	41	22	51
County Sheriff	135	4%	27	4	15	22	13	54
Police	95	3%	47	1	7	5	1	34
Other	53	2%	23	0	2	3	3	21
Maintenance	52	2%	23	0	1	2	1	25
Tour	41	1%	19	0	1	9	2	10
Contractor	20	0.64%	17	0	0	0	0	3
DOT Personnel	13	0.42%	4	0	0	1	2	6
Iowa Agency	7	0.23%	3	0	0	1	2	1
Total	3,110	100%	1,269	52	85	440	113	1,082

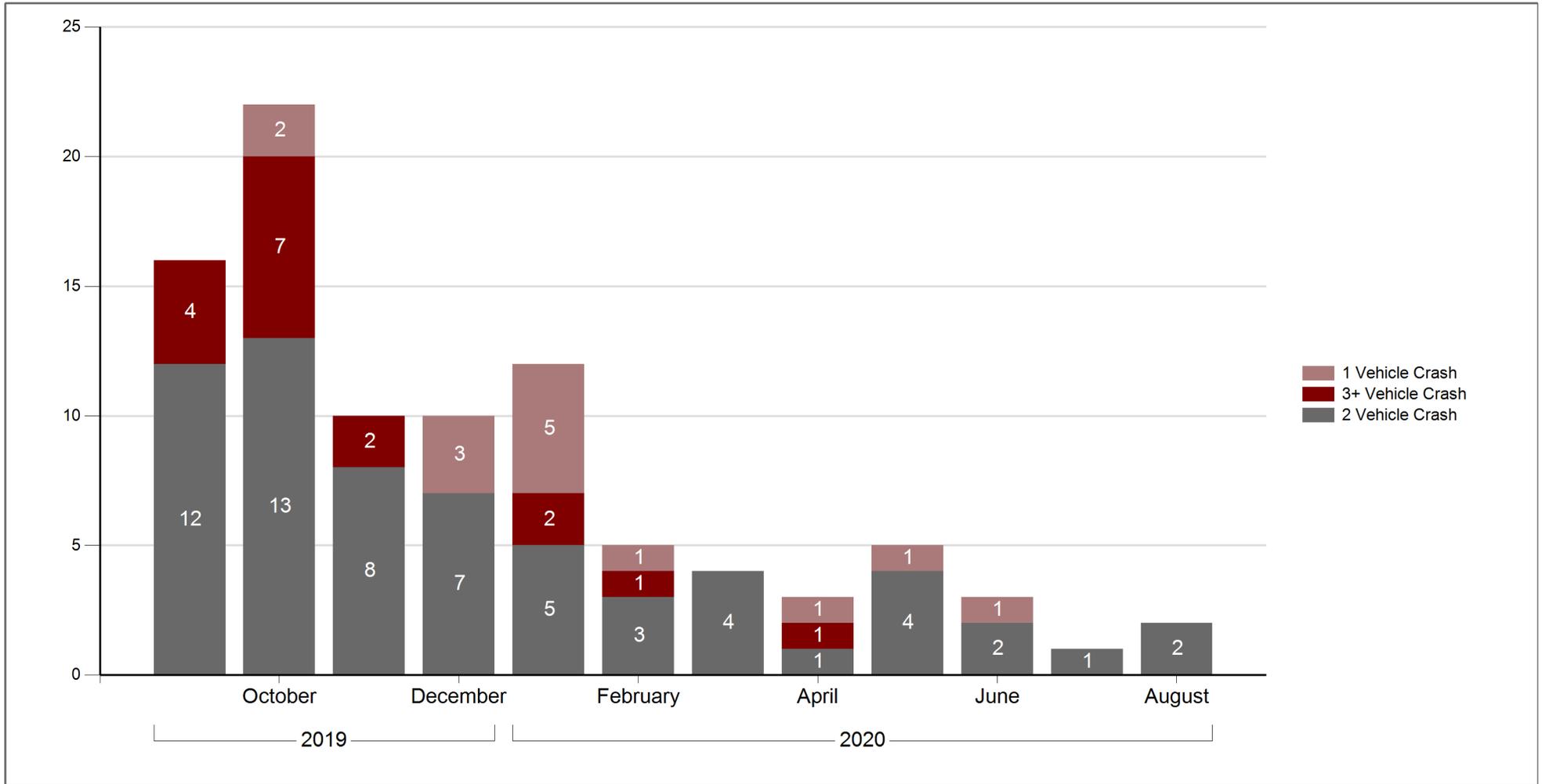
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

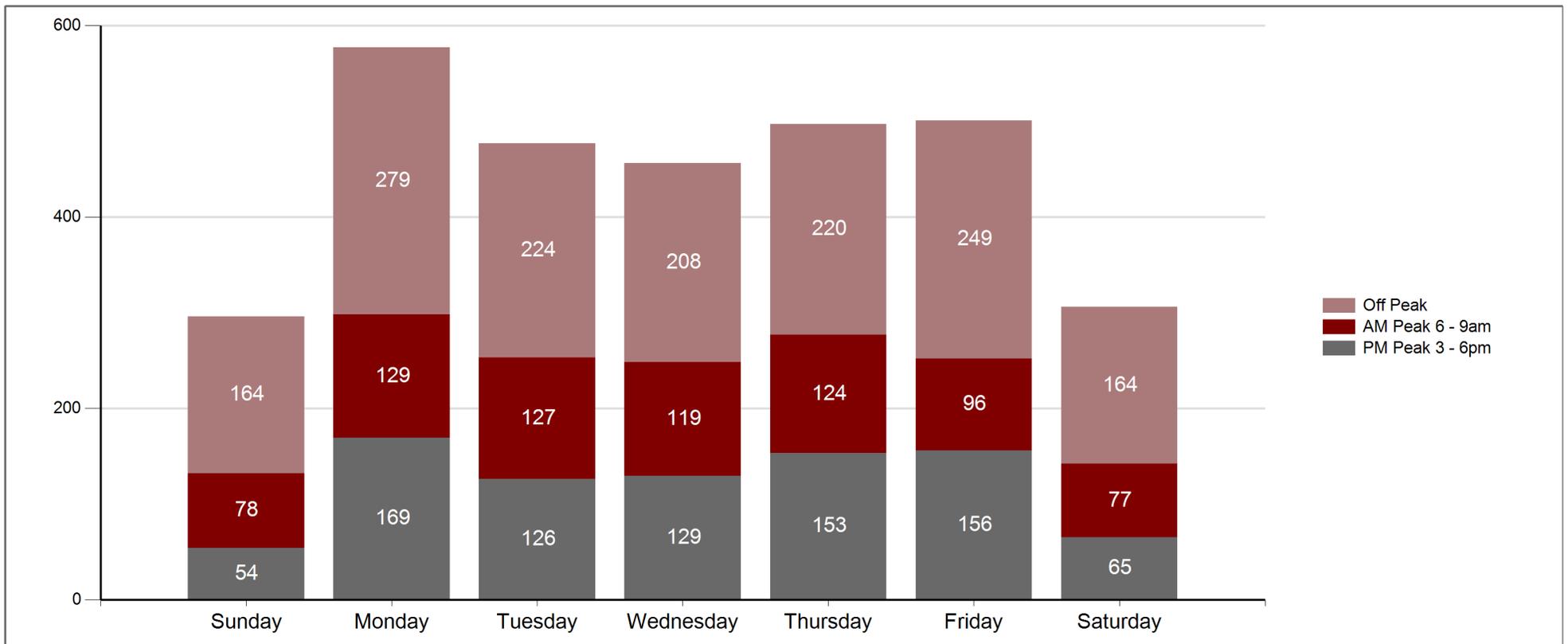
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	2	100%	55 min	1	0	0	0	0	1
Total	2	100%	55 min	1	0	0	0	0	1



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.

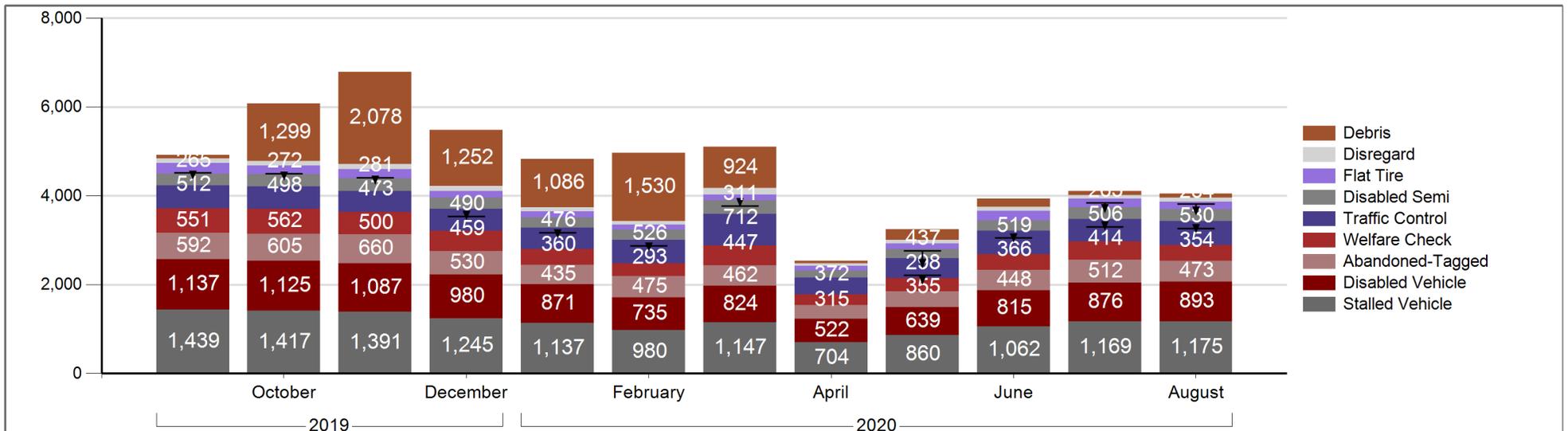
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Monday	577	19%	12 hr 47 m	235	8	17	73	21	209
Friday	501	16%	43 min	223	8	8	56	15	179
Thursday	497	16%	1 hr 9 m	194	10	9	71	21	184
Tuesday	477	15%	1 day 21 min	179	8	7	66	17	190
Wednesday	456	15%	1 hr 15 m	161	7	23	73	17	164
Saturday	306	10%	4 hr 32 m	162	6	8	47	10	71
Sunday	296	10%	1 hr 44 m	115	5	13	54	12	85
Total	3,110	100%	12 hr 47 m	1,269	52	85	440	113	1,082



HIGHWAY HELPER RESPONSES

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

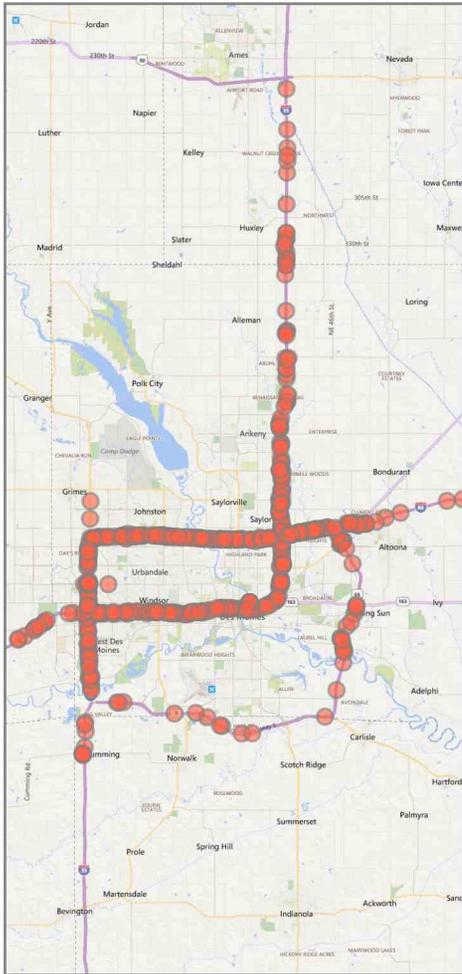
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Stalled Vehicle	1,175	27%	24 min		481	147	263	284
Disabled Vehicle	893	20%	23 min		396	110	218	169
Traffic Control	547	12%	1 hr 5 m		220	72	146	109
Abandoned-Tagged	474	11%	46 min		216	73	112	73
Welfare Check	354	8%	8 min		117	55	64	118
Disabled Semi	264	6%	28 min		77	34	45	108
Flat Tire	180	4%	36 min		69	31	48	32
Disregard	106	2%	11 min		59	6	31	10
Debris	96	2%	29 min		49	18	17	12
Fuel	66	2%	14 min		25	8	19	14
2 Vehicle Crash	47	1%	53 min		26	7	10	4
1 Vehicle Crash	32	0.73%	46 min		11	5	8	8
Total	4,234	100%	51 min		1,746	566	981	941



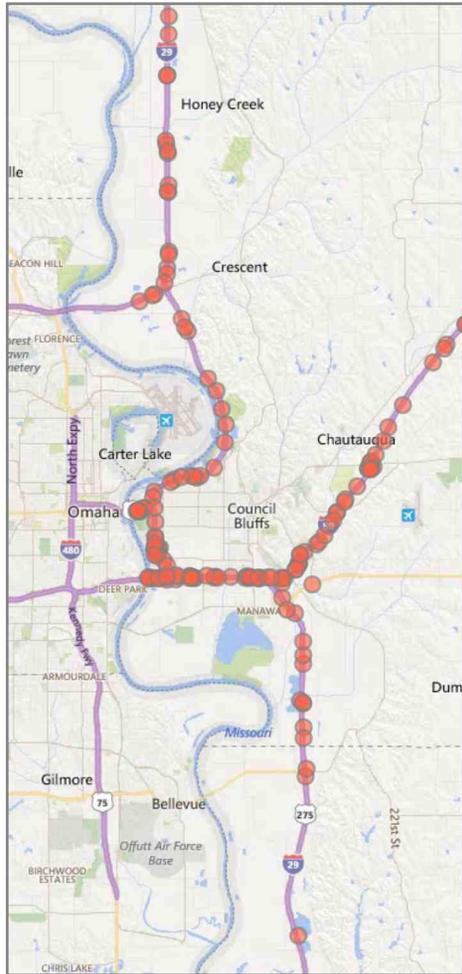
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



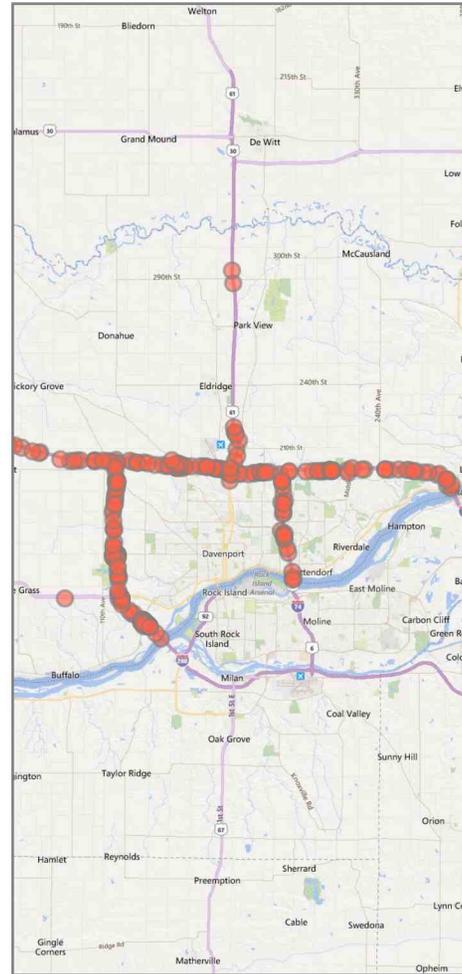
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

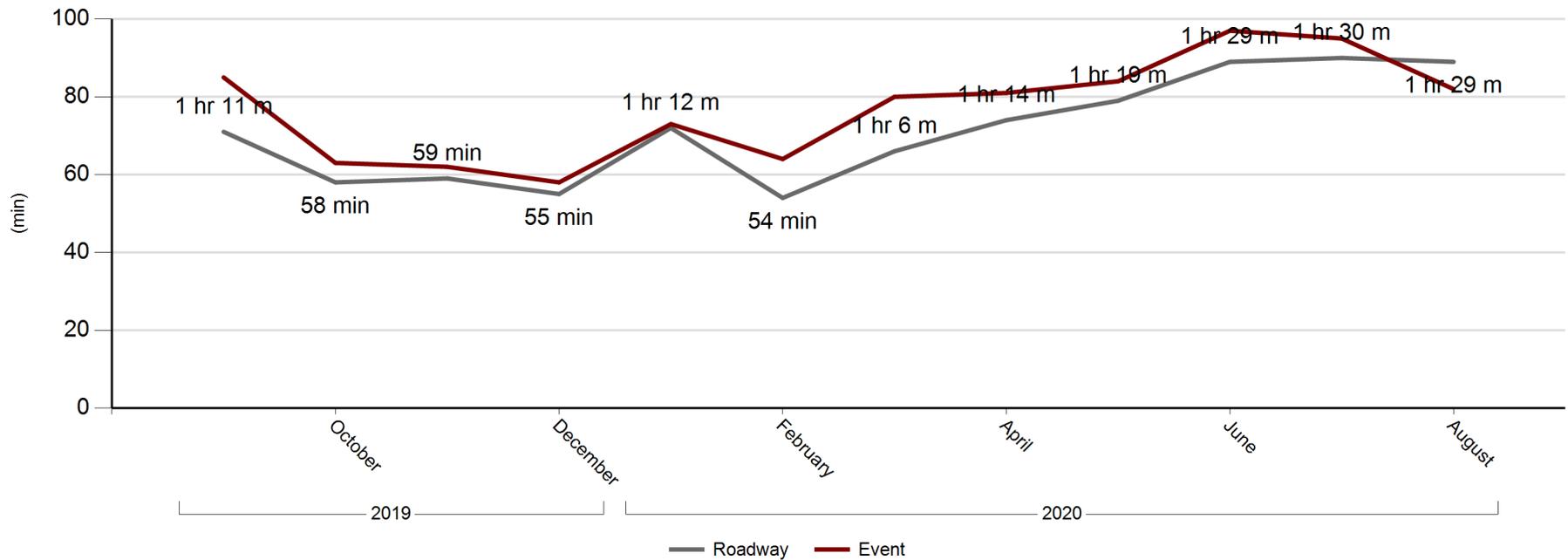


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 30 m	1 hr 13 m	45 min	1 hr 55 m	52 min	3 hours	1 hr 36 m
	Federal	2 hr 2 m	1 hr 28 m	25 min	3 hr 29 m	35 min	3 hr 49 m	1 hr 40 m
	Interstate	1 hr 16 m	1 hr 12 m	1 hr 5 m	52 min	55 min	1 hr 13 m	1 hr 35 m
	State	2 hr 1 m	59 min				3 hr 20 m	
Roadway	All	1 hr 29 m	1 hr 2 m	15 min	1 hr 41 m	1 hr 20 m	2 hr 56 m	1 hr 33 m
	Federal	2 hr 12 m	1 hr 17 m	24 min	3 hr 28 m	36 min	3 hr 51 m	2 hr 3 m
	Interstate	1 hr 14 m	1 hr 3 m	6 min	29 min	1 hr 26 m	1 hr 13 m	1 hr 29 m
	State	1 hr 22 m	35 min				2 hr 22 m	1 hr 13 m

All Roads (Interstate / Federal / State)

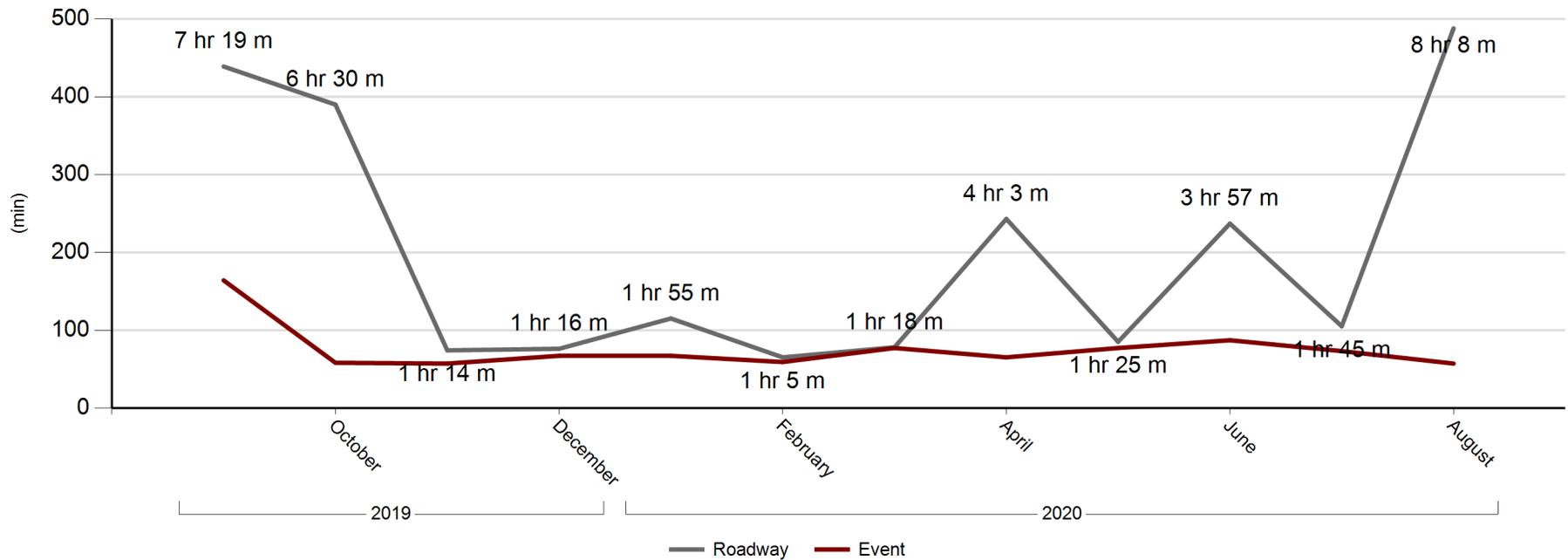


INCIDENT CLEARANCE TIMES (ALL TYPES)

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	1 hr 22 m	1 hr 9 m	46 min	1 hr 31 m	56 min	2 hr 45 m	1 hr 35 m
	Federal	1 hr 33 m	1 hr	34 min	2 hr 45 m	29 min	3 hr 22 m	1 hr 22 m
	Interstate	1 hr 13 m	1 hr 2 m	1 hr 5 m	56 min	59 min	1 hr 5 m	1 hr 37 m
	State	2 hr 10 m	1 hr 55 m		47 min		3 hr 20 m	
Roadway	All	8 hr 8 m	9 hours	27 min	59 min	1 hr 17 m	4 hr 36 m	13 hr 9 m
	Federal	17 hr 24 m	5 hours	33 min	2 hr 44 m	35 min	7 hr 43 m	1 day 15 hr
	Interstate	1 hr 10 m	49 min	6 min	23 min	1 hr 24 m	1 hr 45 m	1 hr 29 m
	State	22 hr 36 m	1 day 14 hr	40 min	40 min	33 min	1 hr 38 m	1 hr 13 m

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 46 m)								
	08/03 10:24 AM	133986	I-80			1	11 hr 24 m	Initial report of a single vehicle crash on I-80 EB at MM 107 (near Earlham).
	08/10 11:28 AM	134675	US-218				5 hr 37 m	Initial report of a single vehicle crash on US-218 NB at MM 56 (near Olds).
	08/20 11:17 AM	135737	US-34			1	8 hr 20 m	Initial report of a single vehicle crash on US-34 EB at MM 228 (near Westwood).
	08/10 09:16 PM	134761	US-151			1	4 hr 25 m	Initial report of a single vehicle crash on US-151 SB at MM 18 (near Walford).
	08/10 01:28 PM	134697	I-380			1	7 hr 36 m	Initial report of a single vehicle crash on I-380 SB at MM 33 (near Center Point).
2 Vehicle Crash (Avg Impact : 1 hr 19 m)								
	08/19 09:22 AM	135621	US-218		1	2	3 hr 48 m	Initial report of a 2 vehicle crash on US-218 SB at MM 53 (near Olds).
	08/24 09:43 AM	136088	US-218			1	3 hr 19 m	Initial report of a 2 vehicle crash event on US-218 SB at MM 56 in Olds.
	08/01 03:06 PM	133881	I-80			2	2 hr 43 m	Initial report of a 2 vehicle crash on I-80 EB at MM 237 (near Tiffin).
	08/25 02:05 PM	136275	US-151		3	1	3 hr 13 m	Initial report of a 2 vehicle crash on US-151 NB at MM 53 (near Anamosa).
	08/22 08:52 PM	135959	US-218	1		1	3 hr 53 m	Initial report of a 2 vehicle crash on US-218 SB at MM 22 (near Donnellson).
	08/02 05:16 PM	133940	IA-27		2	1	5 hr 22 m	Initial report of a 2 vehicle crash on IA-27 SB at MM 10 (near Donnellson).
	08/28 06:39 PM	136758	I-380	1			4 hr 11 m	Initial report of a 2 vehicle crash on I-380 SB at MM 17 in Cedar Rapids.
	08/23 12:31 PM	136000	US-75	1			4 hr 4 m	Initial report of a 2 vehicle crash on US-75 NB at MM 152 (near Doon).
	08/30 02:23 PM	136875	I-80		1	2	4 hr 23 m	Initial report of a 2 vehicle crash on I-80 EB at MM 284 (near Walcott).
3+ Vehicle Crash (Avg Impact : 1 hr 8 m)								
	08/04 05:56 PM	134143	IA-2	2	1	1	3 hr 16 m	Initial report of a 3+ vehicle crash on IA-2 EB/WB at MM 250 (near Donnellson).
	08/10 12:40 PM	134690	I-35			3	2 hr 55 m	Initial report of a 3+ vehicle crash on I-35 SB at MM 99 (near Alleman).
Debris (Avg Impact : 1 day 5 hr 28 m)								
	08/10 11:58 AM	134679	IA-17				8 days	Initial report of a debris event on IA-17 in both directions between MM 8 and MM 14.5 (near Luther).
	08/10 05:55 PM	134730	IA-210				6 days	Initial report of a debris event on IA-210 in both directions between MM 2 and MM 7 in Woodward.
	08/11 01:34 AM	134774	IA-922				14 days	Initial report of a debris event on IA 922 at MM 1 in Cedar Rapids.
Emergency Vehicles (Avg Impact : 15 hr 46 m)								
	08/11 07:40 PM	134895	US-30				12 days	Initial report of an emergency vehicles event on US-30 EB at MM 250 in Cedar Rapids.
	08/01 10:35 AM	133866	US-63				3 days	Initial report of an emergency vehicles event on US-63 NB at MM 63 in Oskaloosa.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 39 min)								
	08/25 05:16 PM	136301	I-80			1	4 hr 25 m	Initial report of a stalled vehicle on I-80 EB at MM 100 (near Dexter).
	08/11 09:26 PM	134900	I-80				2 hr 32 m	Initial report of a stalled vehicle on I-80 WB at MM 129 in Urbandale.
	08/09 01:29 PM	134616	I-35			1	8 hr 24 m	Initial report of a stalled vehicle on I-35 NB at MM 49 (near St. Charles).
Towing Operation (Avg Impact : 3 hr 42 m)								
	08/05 10:00 AM	134198	I-29			1	7 hr 47 m	Initial report of a towing operation event on I-29 SB at MM 18 (near Thurman).
Vehicle Fire (Avg Impact : 1 hr 20 m)								
	08/10 12:56 PM	134695	I-35			1	6 hr 5 m	Initial report of a vehicle fire on I-35 SB at MM 135 (near Ellsworth).

SECONDARY INCIDENTS

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
2 Vehicle Crash								
Primary	08/14 04:19 PM	135219	I-80				2 hr 41 m	Initial report of a 2 vehicle crash on I-80 EB at MM 187 (near Malcom).
**	08/14 04:21 PM	135221	I-80		1		45 min	Initial report of a 2 vehicle crash on I-80 EB at MM 187 (near Malcom).
3+ Vehicle Crash								
Primary	08/20 04:16 PM	135764	I-80		1	1	1 hr	Initial report of a 3+ vehicle crash on I-80 WB at MM 233 (near Oxford).
**	08/20 05:30 PM	135770	I-80			2	45 min	Initial report of a 2 vehicle crash on I-80 WB at MM 237 (near Tiffin).