



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

June 2020

This report contains statistical and operational data for TMC activities from the period of June 01, 2020 to June 30, 2020.

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
May	June
2,114	2,489

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
May	June
5	3

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
May	June
77	76

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
May	June
191	271

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
May	June
1 hr 19 m	1 hr 29 m

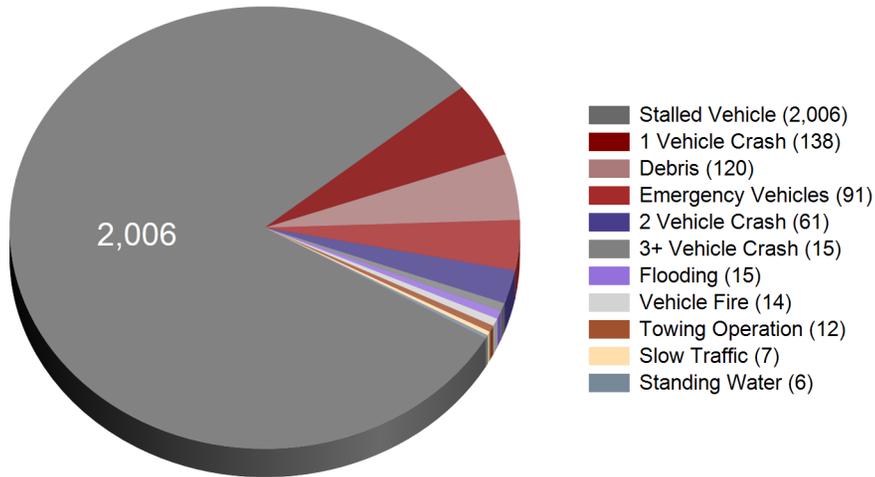
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
May	June
1,018	1,206

* - excludes roadwork

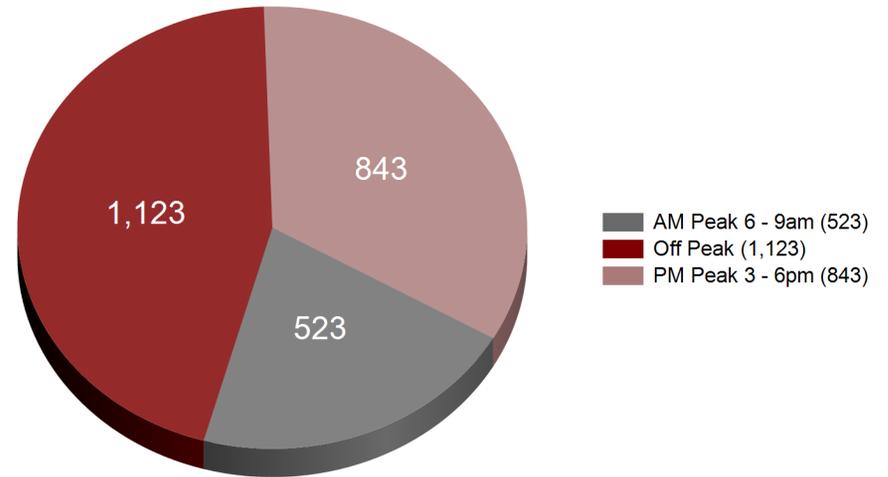
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

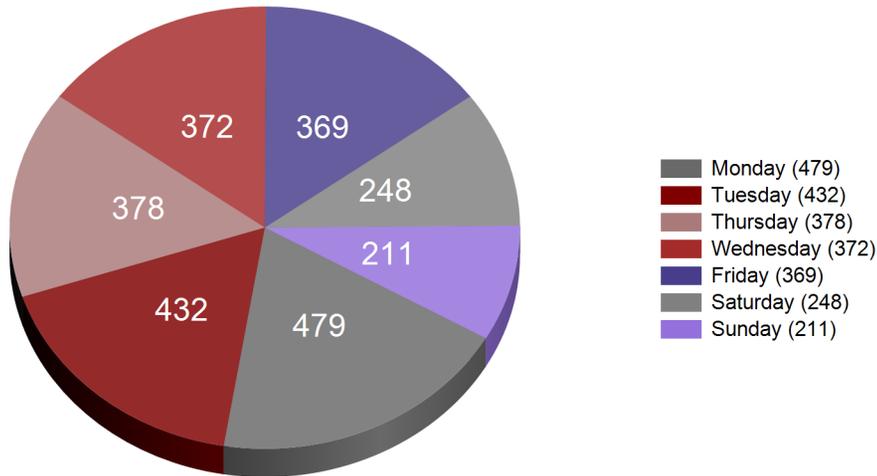
Incidents By Type



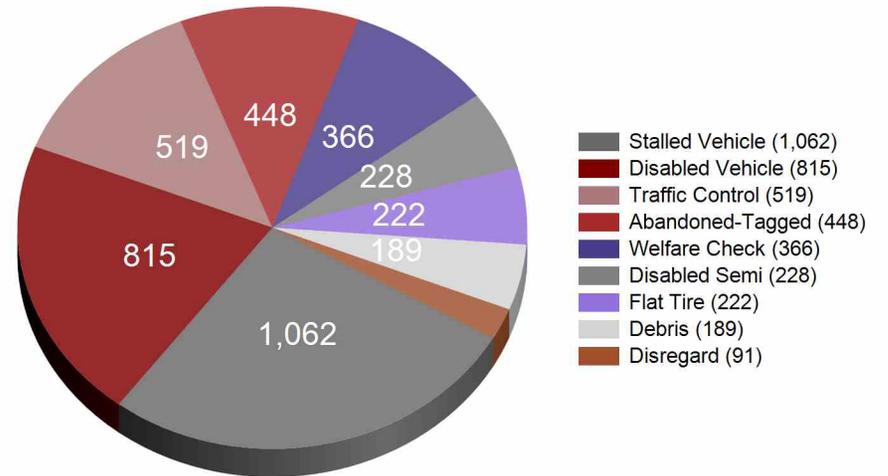
Incidents By Shift



Incidents By Day



Highway Helper Response

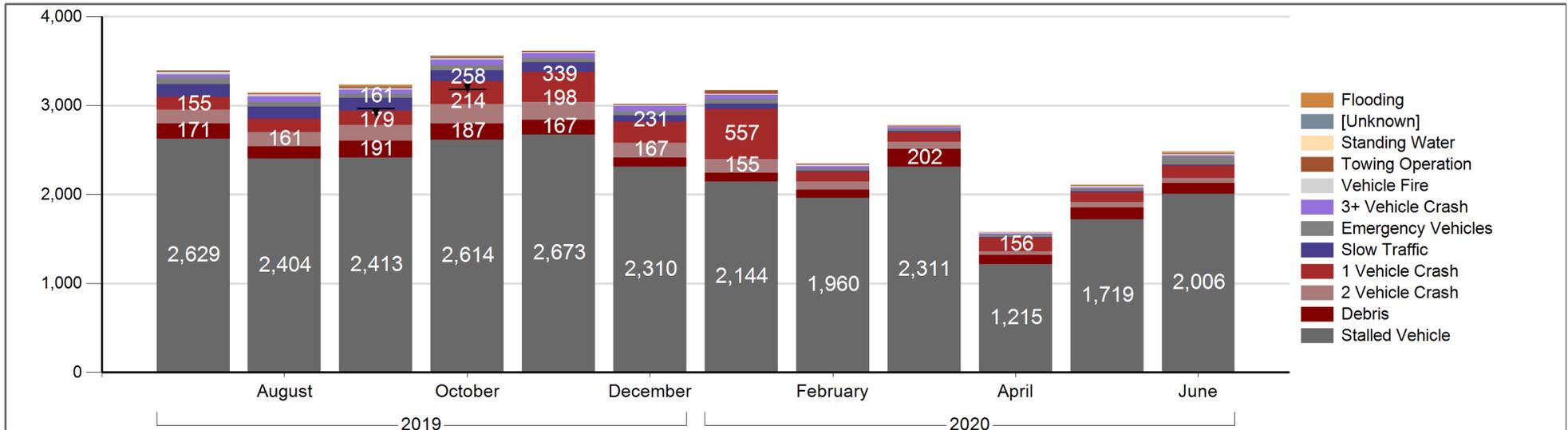


INCIDENT TOTALS BY TYPE

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	2,006	81%	36 min	925	26	39	263	68	652
1 Vehicle Crash	138	6%	1 hr 38 m	56	3	8	25	15	31
Debris	120	5%	56 min	30	10	12	11	4	52
Emergency Vehicles	91	4%	8 hr 12 m	19	2	8	11	7	43
2 Vehicle Crash	61	2%	1 hr 14 m	25	2	3	3	10	18
3+ Vehicle Crash	15	1%	1 hr 19 m	10	0	1	0	1	3
Flooding	15	1%	9 hr 41 m	4	6	0	0	3	2
Vehicle Fire	14	1%	1 hr 49 m	7	0	0	2	0	5
Towing Operation	12	0%	6 hr 12 m	2	0	0	6	0	4
Slow Traffic	7	0%		3	0	0	1	0	3
Standing Water	6	0%	4 hr 45 m	2	3	0	0	0	1
Wrong Way Driver	3	0%		1	0	0	0	0	2
Total	2,488	100%	3 hr 57 m	1,084	52	71	322	108	816

* - Totals include Highway Helper Incidents

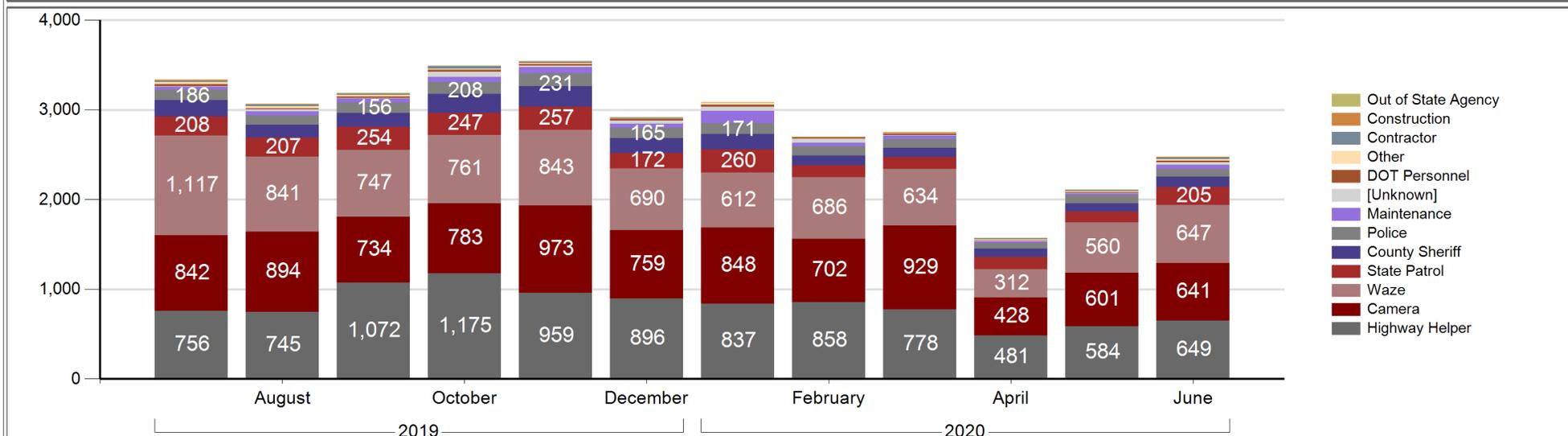


INCIDENT TOTALS BY DETECTION TYPE

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*
Highway Helper	649	26%	257	0	0	97	1	294
Waze	647	26%	283	17	22	92	42	177
Camera	641	26%	319	12	14	73	22	182
State Patrol	205	8%	93	5	11	23	15	58
County Sheriff	113	5%	24	11	18	14	11	35
Police	85	3%	44	2	3	6	1	28
Other	61	2%	30	0	0	11	6	14
Maintenance	48	2%	8	5	2	3	6	23
Contractor	16	1%	16	0	0	0	0	0
DOT Personnel	14	1%	8	0	1	0	2	3
Construction	10	0%	2	0	0	3	2	3
Total	2,489	100%	1,084	52	71	322	108	817

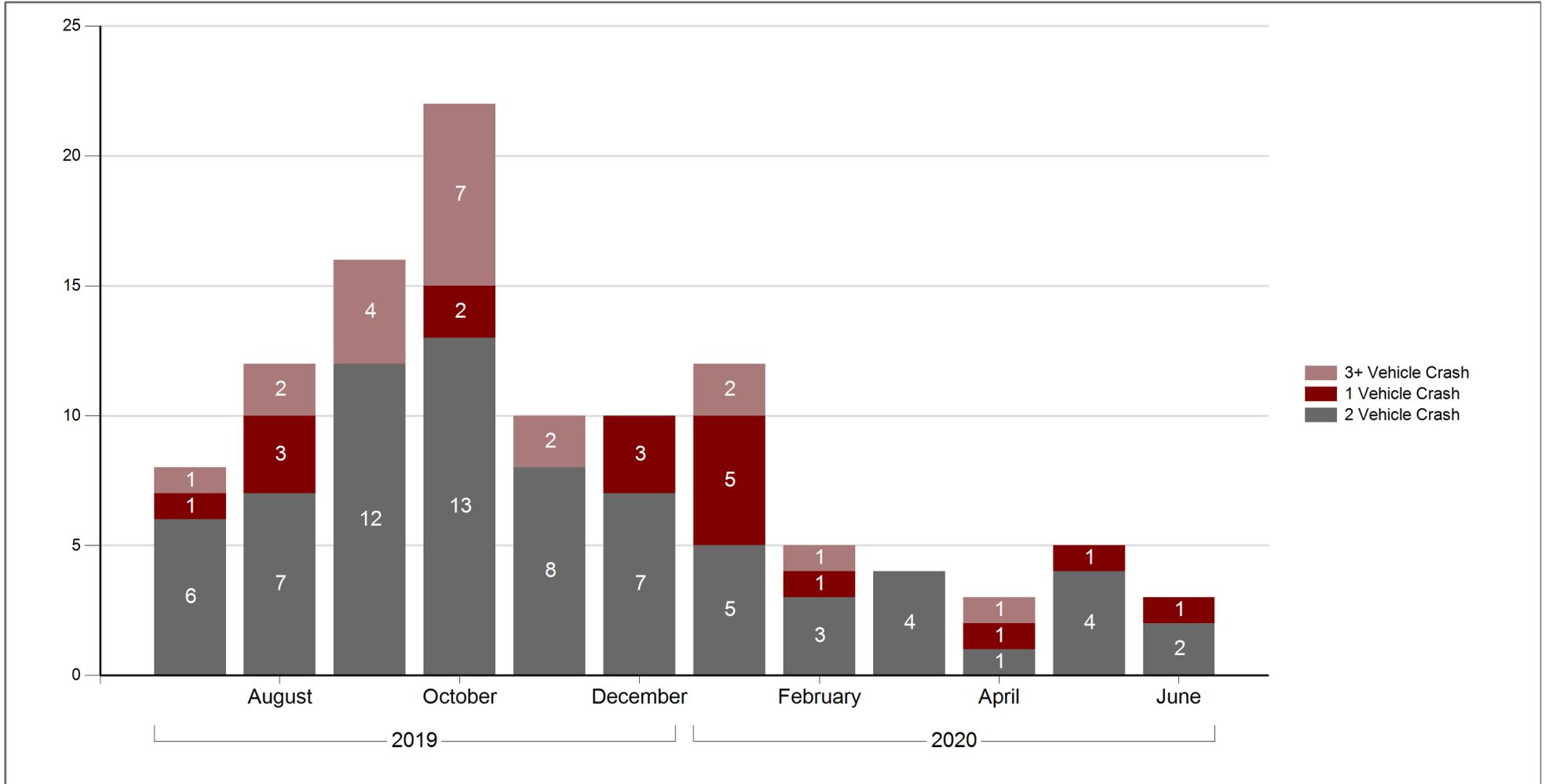
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

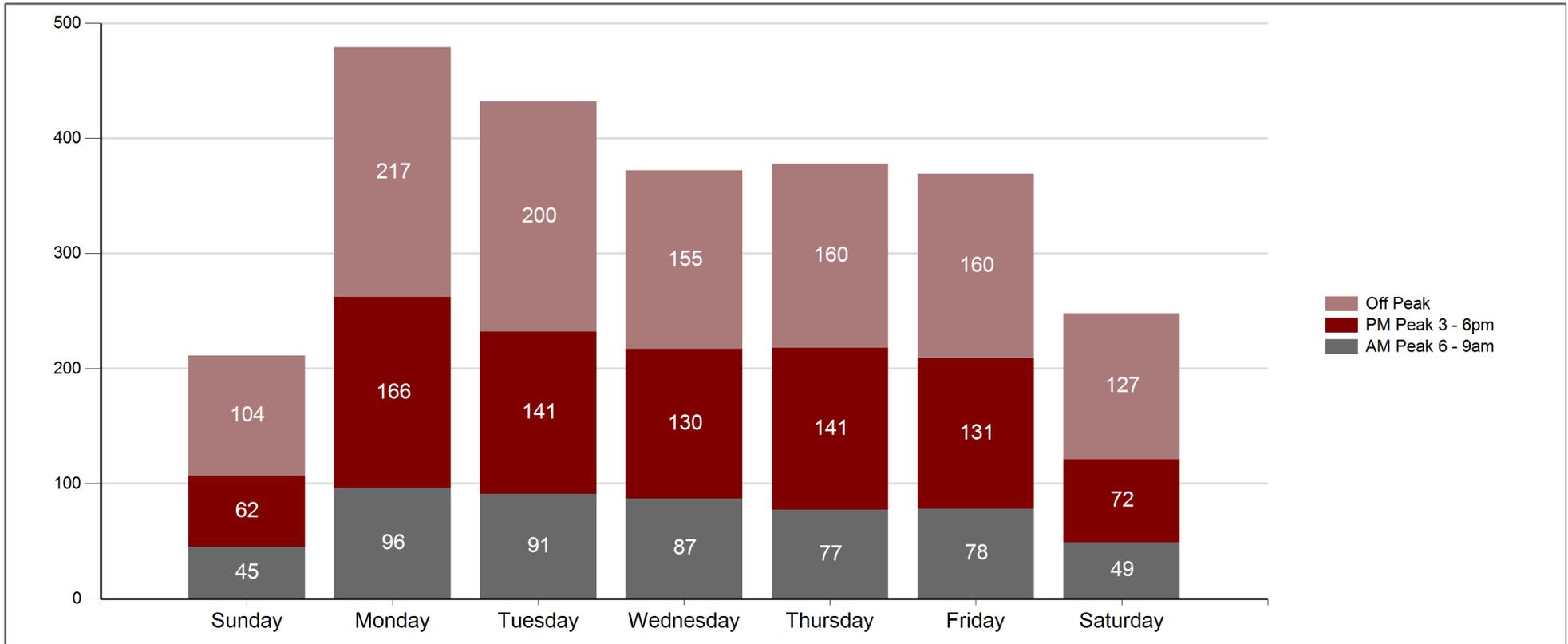
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	2	67%		1	0	0	0	0	1
1 Vehicle Crash	1	33%		0	0	0	0	0	1
Total	3	100%		1	0	0	0	0	2



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.

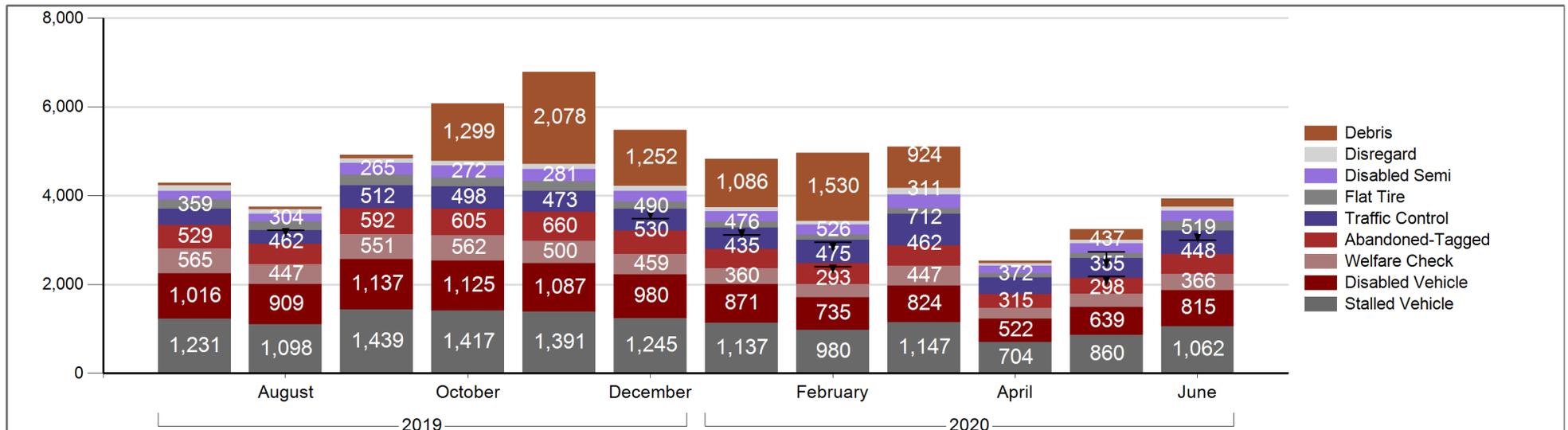
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Monday	479	19%	2 hr 14 m	213	12	8	66	27	145
Tuesday	432	17%	3 hr 13 m	182	12	13	51	18	151
Thursday	378	15%	3 hr 58 m	147	14	10	45	18	135
Wednesday	372	15%	2 hr 7 m	155	2	15	46	9	143
Friday	369	15%	1 hr 27 m	179	4	5	37	12	129
Saturday	248	10%	12 hr 46 m	128	4	13	37	11	52
Sunday	211	8%	47 min	80	4	7	40	13	62
Total	2,489	100%	2 hr 14 m	1,084	52	71	322	108	817



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	1,062	25%	32 min		499	138	212	213
Disabled Vehicle	815	19%	25 min		410	110	157	138
Traffic Control	543	13%	35 min		257	67	115	104
Abandoned-Tagged	450	11%			230	76	75	69
Welfare Check	366	9%	1 hr 16 m		155	62	72	77
Disabled Semi	228	5%	49 min		79	28	53	68
Flat Tire	222	5%	26 min		112	30	48	32
Debris	189	4%	24 min		27	64	22	54
Disregard	105	2%	18 min		56	7	25	17
Fuel	47	1%			19	5	7	16
1 Vehicle Crash	37	1%	1 hr 8 m		20	3	10	4
Jump Start	32	1%			12	2	11	7
Total	4,096	100%	40 min		1,876	592	807	799



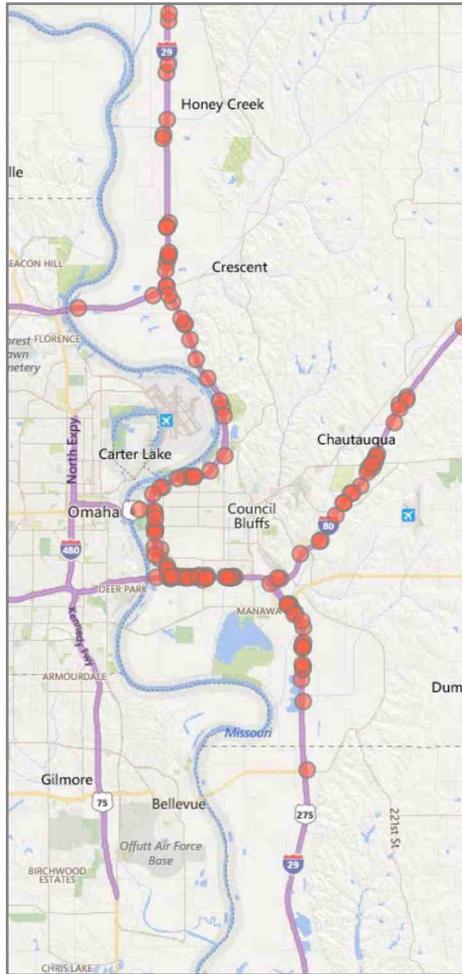
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

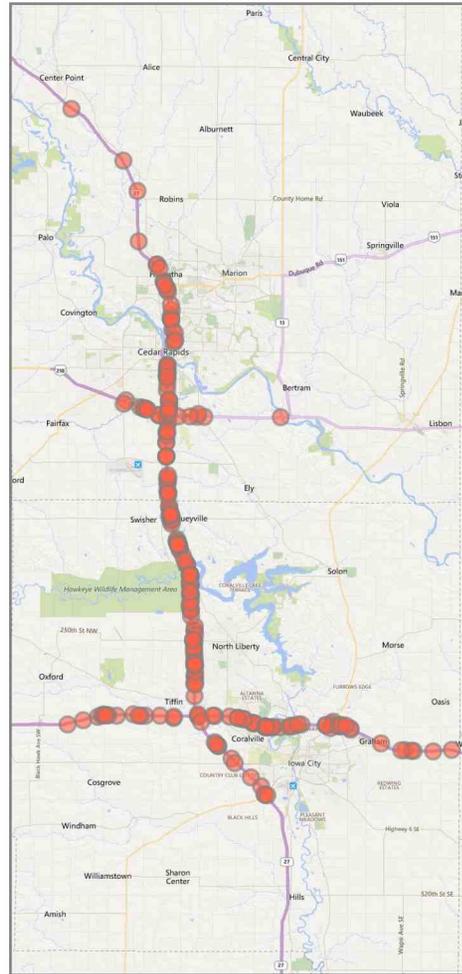
DES MOINES



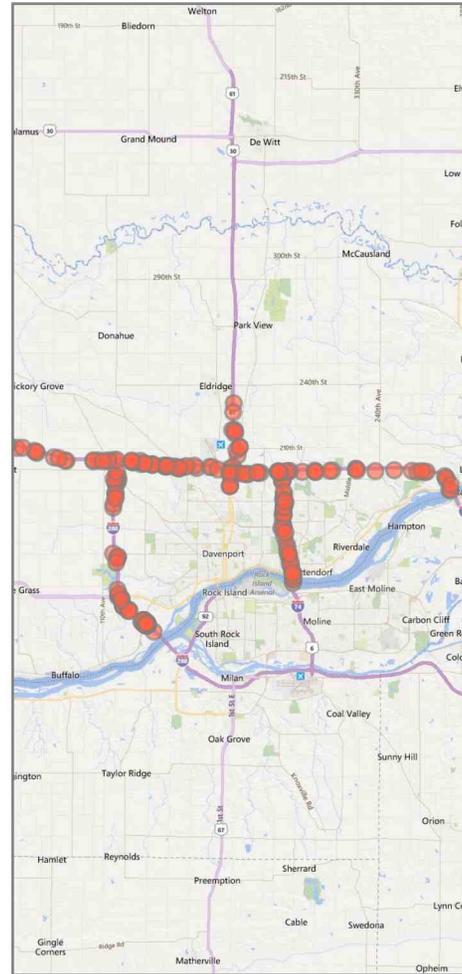
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

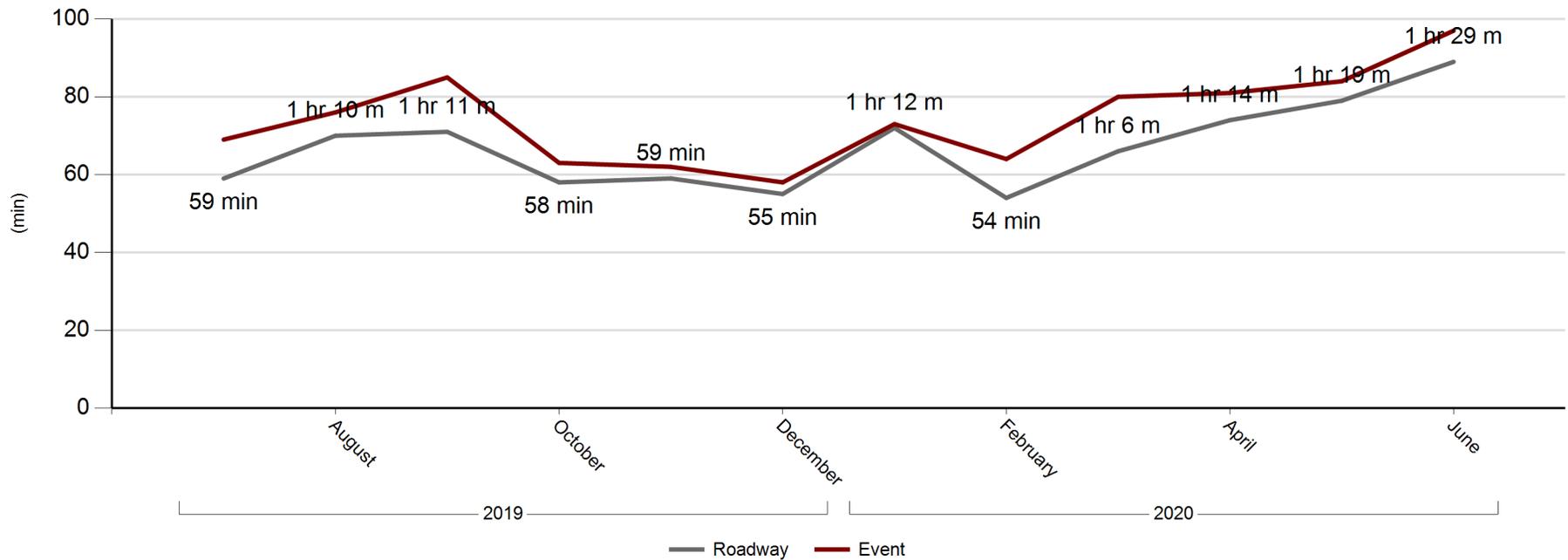


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 48 m	1 hr 28 m	40 min	2 hr 46 m	2 hr 17 m	2 hr 50 m	1 hr 31 m
	Federal	1 hr 33 m	47 min		39 min		2 hr 56 m	1 hr 30 m
	Interstate	1 hr 40 m	1 hr 35 m	49 min		1 hr 51 m	2 hr 34 m	1 hr 31 m
	State	2 hr 47 m	1 hr	31 min	3 hr 28 m	5 hr 16 m	3 hr 4 m	1 hr 30 m
Roadway	All	1 hr 29 m	1 hr 13 m	26 min	2 hr 45 m	1 hr 44 m	2 hr 22 m	1 hr 14 m
	Federal	1 hr 29 m	47 min		38 min		2 hr 55 m	1 hr 21 m
	Interstate	1 hr 18 m	1 hr 17 m	22 min		1 hr 28 m	1 hr 34 m	1 hr 11 m
	State	2 hr 37 m	1 hr	31 min	3 hr 27 m	4 hr 11 m	2 hr 54 m	1 hr 27 m

All Roads (Interstate / Federal / State)

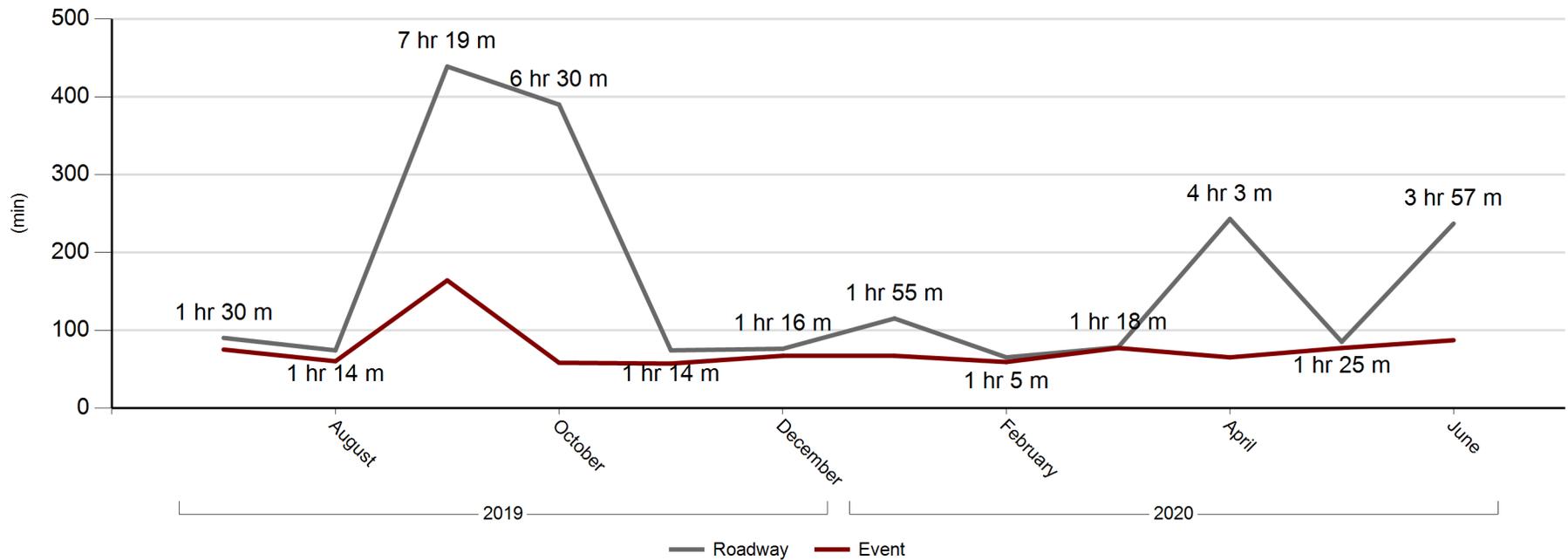


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 14 m	1 hr 39 m	3 hr 52 m	1 hr 51 m	3 hr 56 m	2 hr 52 m	1 hr 59 m
	Federal	2 hr 39 m	1 hr 18 m	1 hr 4 m	41 min		2 hr 56 m	3 hr 50 m
	Interstate	1 hr 55 m	1 hr 49 m	49 min	26 min	3 hr 57 m	2 hr 19 m	1 hr 9 m
	State	2 hr 53 m	31 min	4 hr 58 m	2 hr 54 m	3 hr 54 m	3 hr 24 m	53 min
Roadway	All	3 hr 57 m	1 hr 30 m	3 hr 55 m	1 hr 48 m	3 hr 43 m	3 hr 15 m	7 hr 6 m
	Federal	2 hr 42 m	2 hr 22 m	6 hours	1 hr 11 m	1 hr 1 m	2 hr 23 m	3 hr 9 m
	Interstate	4 hr 47 m	1 hr 20 m	22 min	17 min	4 hr 5 m	1 hr 15 m	9 hr 50 m
	State	2 hr 49 m	53 min	3 hr 42 m	2 hr 38 m	2 hr 48 m	4 hr 52 m	52 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 38 m)								
	06/01 10:36 AM	128461	IA-144			1	4 hr 11 m	Initial report of a single vehicle crash on IA-144 SB at MM 7 (near Perry).
	06/24 10:02 PM	130555	US-30		1	1	4 hr 3 m	Initial report of a single vehicle crash on US-30 WB at MM 319 (near Low Moor).
	06/23 05:56 PM	130447	I-35			1	4 hr 36 m	Initial report of a single vehicle crash on I-35 SB at MM 13 (near Decatur City).
	06/20 05:17 AM	130186	I-29		1	1	6 hr 21 m	Initial report of a single vehicle crash on I-29 NB at MM 23 (near Thurman).
	06/02 01:27 PM	128573	I-35			1	3 hr 45 m	Initial report of a single vehicle crash on I-35 NB at MM 143 (near Williams).
	06/12 10:35 AM	129507	I-35			1	4 hr 40 m	Initial report of a single vehicle crash on I-35 SB at MM 143 (near Williams).
	06/19 03:05 PM	130139	I-80				7 hr 5 m	Initial report of a single vehicle crash on I-80 WB at MM 240 in Coralville.
	06/11 11:57 PM	129488	I-35			1	4 hr 17 m	Initial report of a single vehicle crash on I-35 SB at MM 72 in West Des Moines.
	06/11 05:11 PM	129451	IA-60		1	1	3 hr 57 m	Initial report of a single vehicle crash on IA-60 SB at MM 15 in Alton.
	06/11 12:34 AM	129382	I-35			1	4 hr 6 m	Initial report of a single vehicle crash on I-35 SB at MM 125 (near Story City).
	06/02 12:24 PM	128569	IA-2			1	3 hr 50 m	Initial report of a single vehicle crash on IA-2 WB at MM 222 (near Cantril).
2 Vehicle Crash (Avg Impact : 1 hr 14 m)								
	06/04 07:58 AM	128748	I-29	1		1	3 hr 26 m	Initial report of a 2 vehicle crash on I-29 NB at MM 10 (near Sidney).
	06/29 12:22 PM	130886	IA-175		1	1	4 hr 27 m	Initial report of a 2 vehicle crash on IA-175 NB/SB at MM 55 (near Ida Grove).
	06/22 04:40 PM	130364	IA-92	1	2		3 hr 10 m	Initial report of a 2 vehicle crash on IA-92 EB at MM 112 (near Patterson).
3+ Vehicle Crash (Avg Impact : 1 hr 19 m)								
	06/02 02:37 PM	128579	US-63	1			4 hr 53 m	Initial report of a 3+ vehicle crash on US-63 NB/SB at MM 20 (near Drakesville).
Debris (Avg Impact : 56 min)								
	06/16 03:16 AM	129794	US-52				3 hr 19 m	Initial report of a debris event on US-52 SB at MM 22 (near Springbrook).
	06/22 02:30 AM	130287	US-69				3 hr 7 m	Initial report of a debris event on US-69 SB at MM 86 in Des Moines.
Emergency Vehicles (Avg Impact : 8 hr 12 m)								
	06/06 03:02 PM	128972	I-80				4 days	The TMC is actively monitoring cameras in the surrounding area and all precautionary DMS messages have been activated. The TMC will provide immediate updates as conditions change.
Flooding (Avg Impact : 9 hr 41 m)								
	06/23 01:14 PM	130417	IA-21				2 days	Initial report of a flooding event on IA 21 in both directions between 46 and 54 MM.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 36 min)								
	06/13 03:11 PM	129617	I-29				2 hr 11 m	Initial report of a stalled vehicle on I-29 SB at MM 76 (near Missouri Valley).
	06/26 10:24 AM	130669	I-80			1	2 hr 10 m	Initial report of a stalled vehicle on I-80 EB at MM 164 in Newton.
	06/23 03:24 PM	130427	I-380				2 hr 29 m	Initial report of a stalled vehicle on I-380 NB at MM 2 in North Liberty.
Standing Water (Avg Impact : 4 hr 45 m)								
	06/22 01:18 PM	130336	US-63				8 hr 6 m	Initial report of a standing water event on US-63 EB at MM 159 in Waterloo.
Vehicle Fire (Avg Impact : 1 hr 49 m)								
	06/25 04:06 AM	130561	I-35			1	9 hr 50 m	Initial report of a vehicle fire on I-35 NB at MM 128 (near Randall).

SECONDARY INCIDENTS

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash								
Primary	06/24 10:02 PM	130555	US-30		1	1	48 min	Initial report of a single vehicle crash on US-30 WB at MM 319 (near Low Moor).
**	06/24 10:38 PM	130557	US-30		1		45 min	Initial report of a 2 vehicle crash on US-30 WB at MM 319 (near Low Moor).
Primary	06/27 09:31 AM	130750	I-80				30 min	Initial report of a single vehicle crash on I-80 EB at MM 139 (near Altoona).
**	06/27 09:52 AM	130752	I-80				45 min	Initial report of a 2 vehicle crash on I-80 EB at MM 140 (near Altoona).