



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

March 2020

This report contains statistical and operational data for TMC activities from the period of March 01, 2020 to March 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
February	March	February	March	February	March
2,755	2,791	7	4	129	96

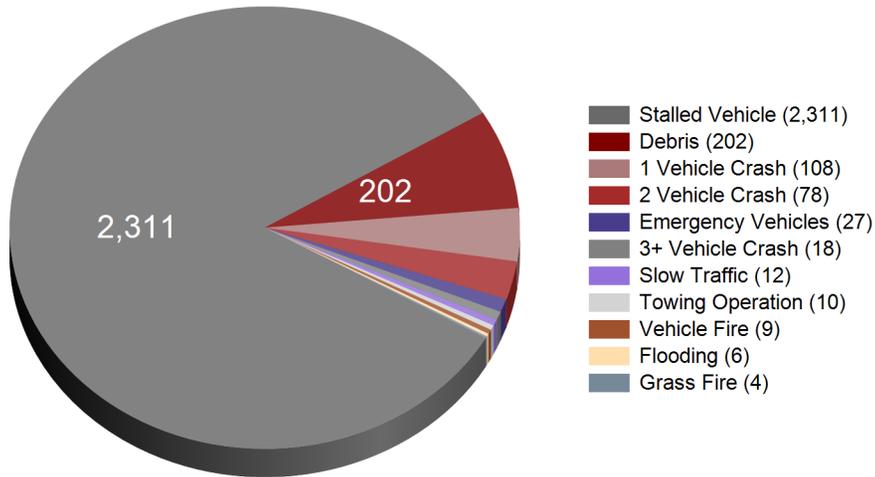
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
February	March	February	March	February	March
227	209	54 min	1 hr 6 m	1,393	1,344

* - excludes roadwork

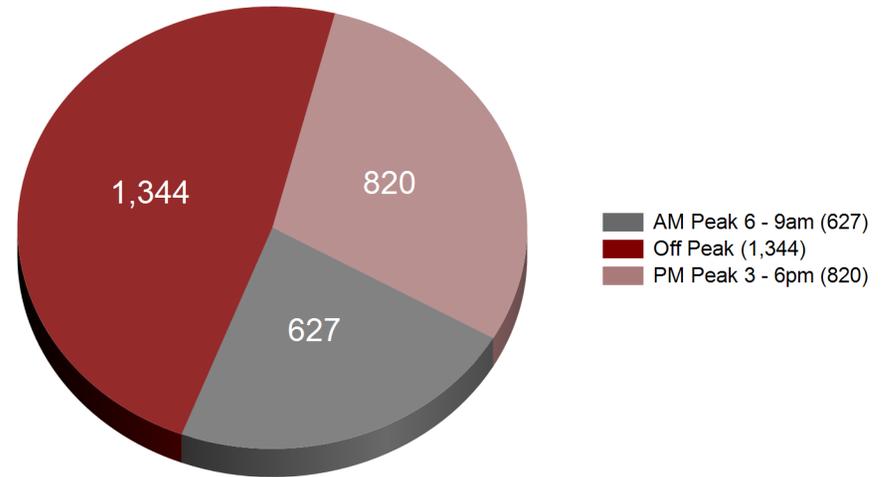
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

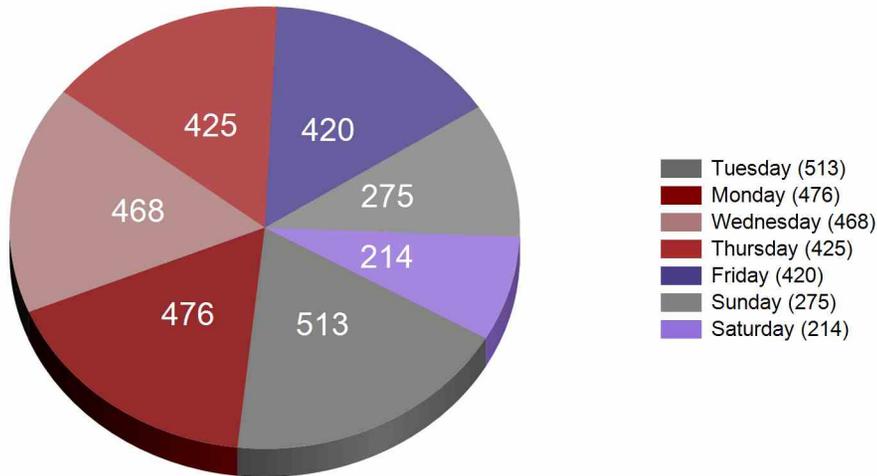
Incidents By Type



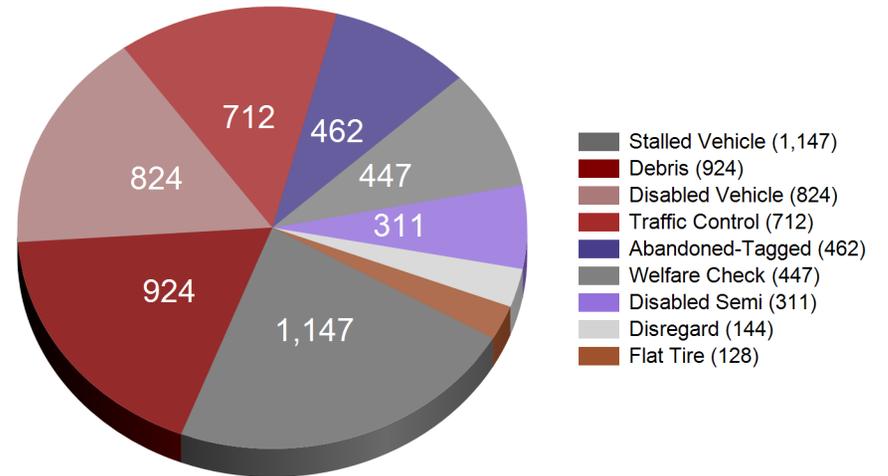
Incidents By Shift



Incidents By Day



Highway Helper Response

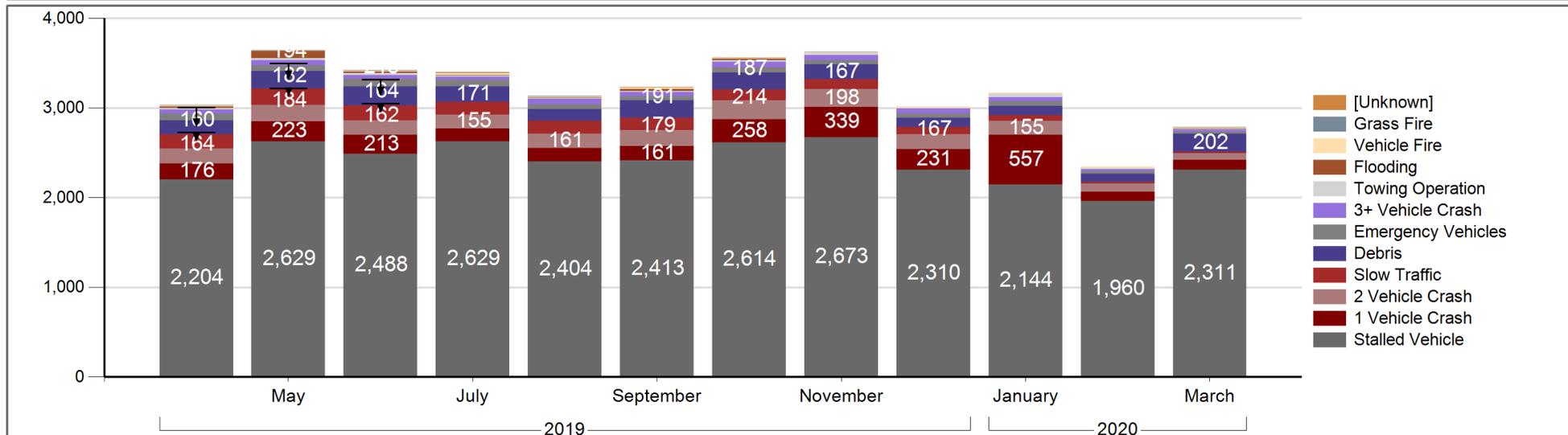


INCIDENT TOTALS BY TYPE

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	2,311	83%	50 min	1,062	66	29	262	70	749
Debris	202	7%	36 min	76	7	13	50	6	47
1 Vehicle Crash	108	4%	1 hr 28 m	40	8	9	19	4	28
2 Vehicle Crash	78	3%	56 min	38	5	5	4	1	25
Emergency Vehicles	27	1%	1 hr 11 m	12	1	1	5	0	8
3+ Vehicle Crash	18	1%	44 min	12	0	0	1	0	5
Slow Traffic	12	0%		6	0	1	0	0	4
Towing Operation	10	0%	6 hr 19 m	3	0	0	3	0	4
Vehicle Fire	9	0%	42 min	2	0	1	3	0	3
Flooding	6	0%	2 hr 41 m	0	0	1	0	0	5
Grass Fire	4	0%	4 hr 24 m	0	0	0	1	3	0
Wrong Way Driver	4	0%		3	0	0	0	0	1
Total	2,789	100%	1 hr 18 m	1,254	87	60	348	84	879

* - Totals include Highway Helper Incidents

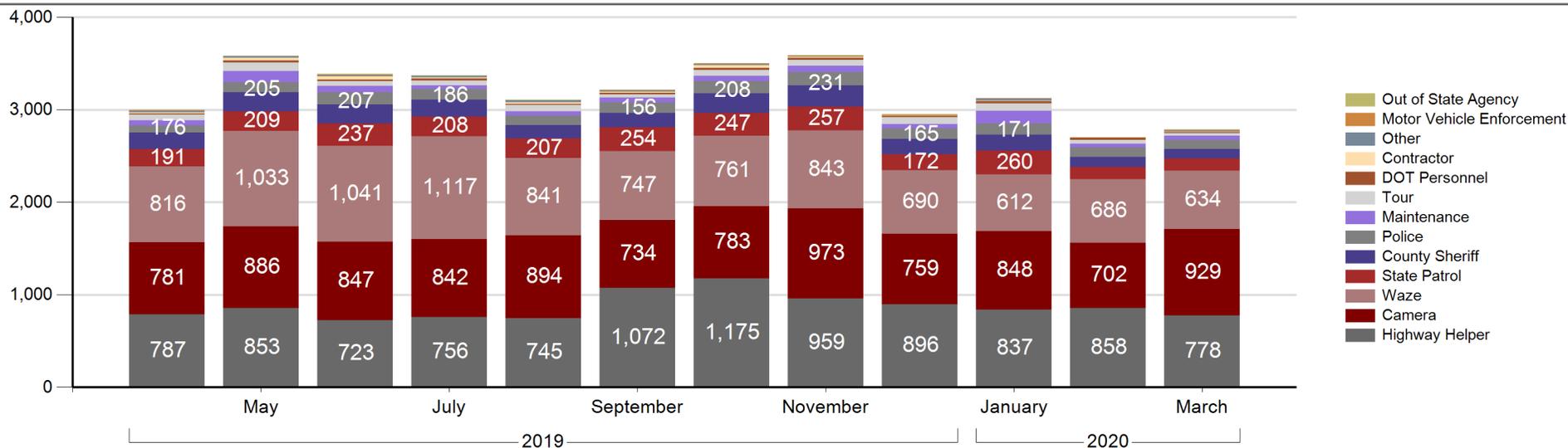


INCIDENT TOTALS BY DETECTION TYPE

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	929	33%	467	49	17	77	31	240
Highway Helper	778	28%	299	0	0	149	4	325
Waze	634	23%	303	19	14	67	30	182
State Patrol	132	5%	56	9	5	26	3	31
County Sheriff	102	4%	27	7	16	12	8	30
Police	98	4%	56	1	5	6	0	30
Maintenance	44	2%	12	2	3	4	3	20
Tour	31	1%	15	0	0	2	3	7
Other	21	1%	10	1	0	3	1	5
DOT Personnel	15	1%	7	0	0	1	1	6
Motor Vehicle Enforcement	4	0%	2	0	0	0	0	2
Contractor	3	0%	0	0	0	1	0	2
Total	2,791	100%	1,254	88	60	348	84	880

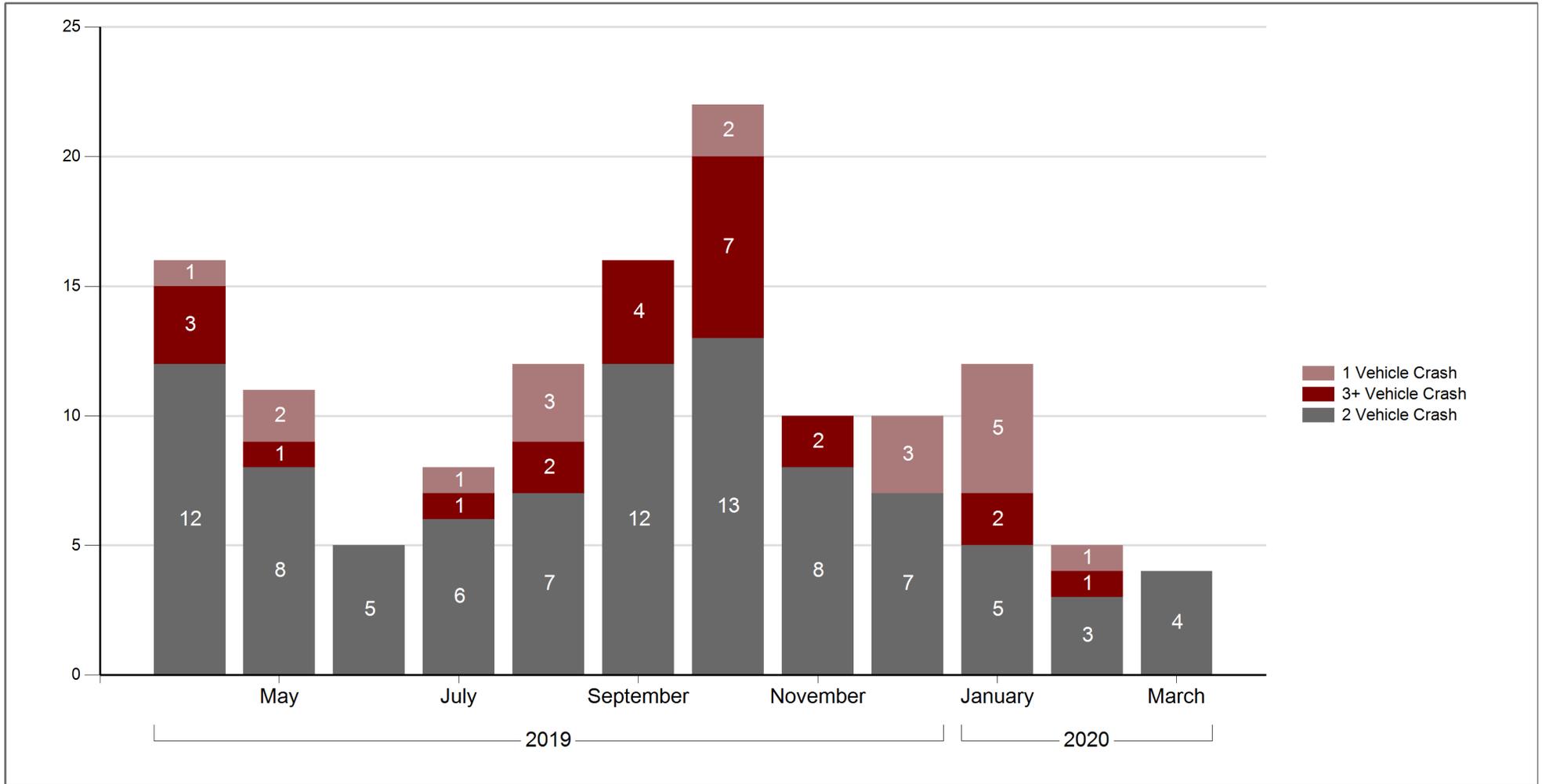
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

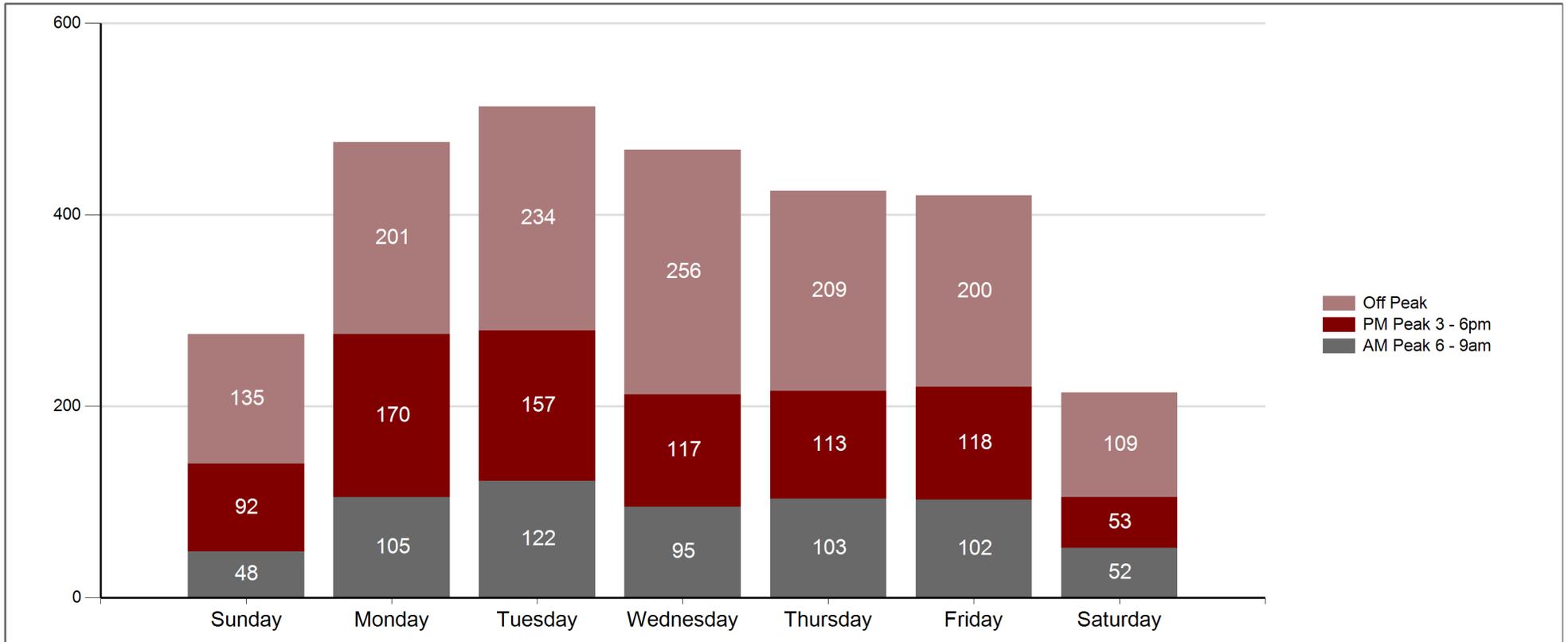
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	4	100%	32 min	2	0	0	0	0	2
Total	4	100%	32 min	2	0	0	0	0	2



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.

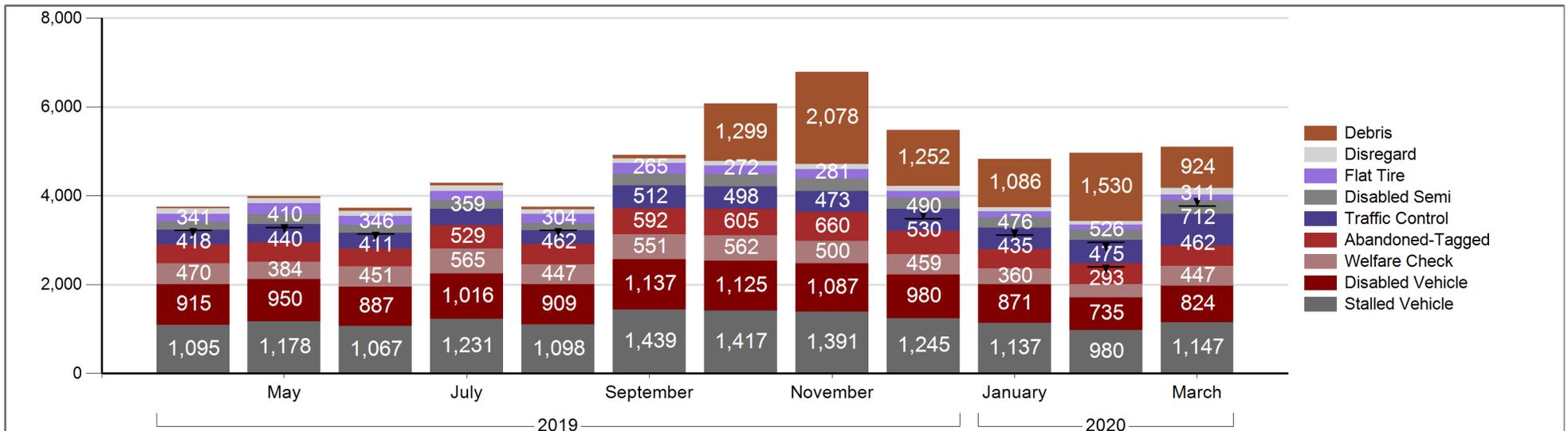
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	513	18%	52 min	229	12	12	61	16	174
Monday	476	17%	1 hr 15 m	213	13	7	66	14	149
Wednesday	468	17%	1 hr 4 m	202	23	7	52	10	161
Thursday	425	15%	1 hr 10 m	184	17	14	60	11	127
Friday	420	15%	1 hr 26 m	193	10	6	56	15	132
Sunday	275	10%	1 hr 37 m	129	9	6	36	9	72
Saturday	214	8%	1 hr 49 m	104	4	8	17	9	65
Total	2,791	100%	52 min	1,254	88	60	348	84	880



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	1,147	21%	48 min		545	146	287	169
Debris	924	17%	20 min		244	225	398	57
Disabled Vehicle	824	15%	26 min		436	103	185	100
Traffic Control	738	14%	37 min		355	98	188	97
Abandoned-Tagged	465	9%	2 hr 7 m		260	46	110	49
Welfare Check	452	8%	35 min		179	67	124	82
Disabled Semi	311	6%	1 hr 34 m		108	39	100	64
Disregard	167	3%	19 min		101	23	30	13
Flat Tire	128	2%	17 min		56	20	36	16
Fuel	86	2%	14 min		41	15	19	11
MA4 Vehicle Towed	43	1%	35 min		30	2	8	3
2 Vehicle Crash	36	1%	29 min		22	0	13	1
Total	5,321	100%	37 min		2,377	784	1,498	662



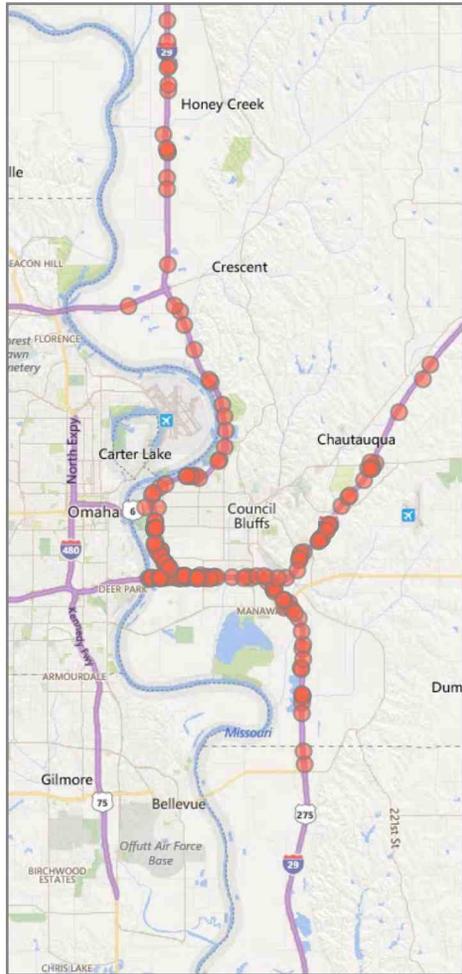
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

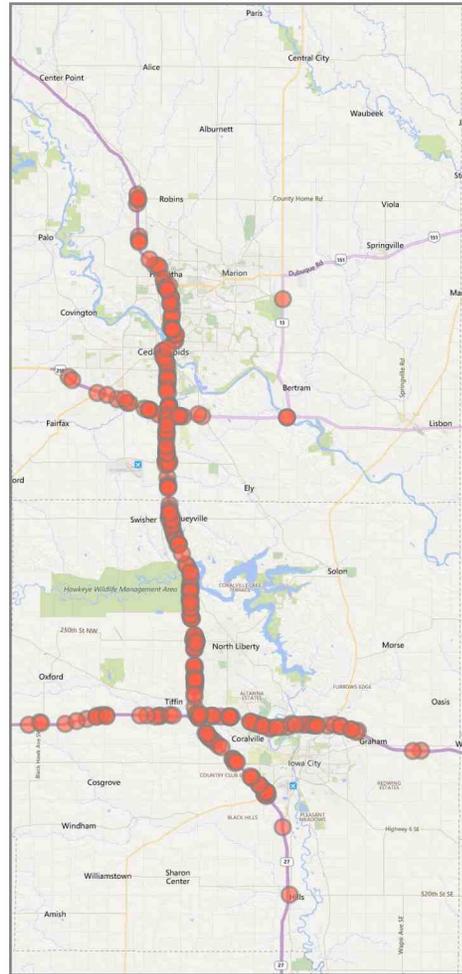
DES MOINES



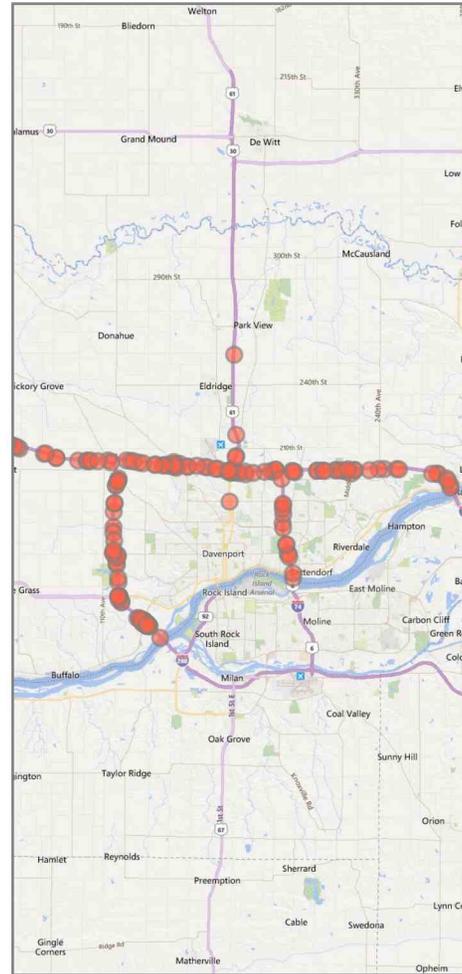
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

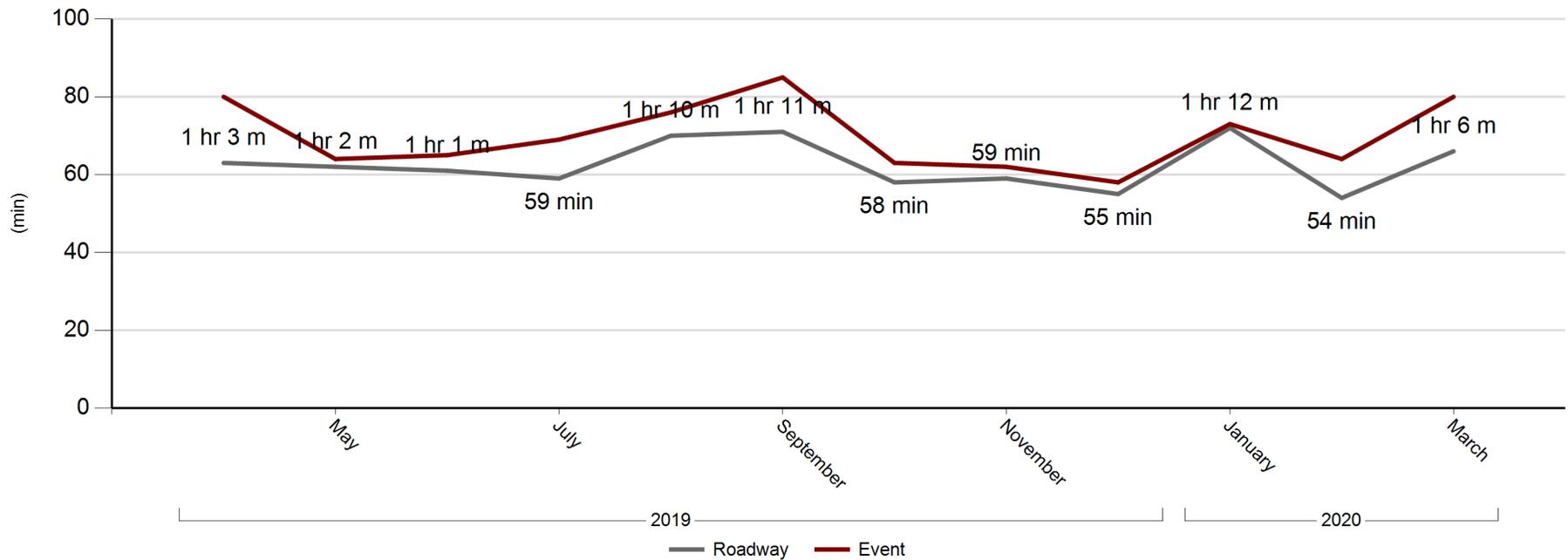


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 23 m	1 hr 8 m	2 hr 44 m	1 hr 42 m	48 min	1 hr 5 m	1 hr 22 m
	Federal	1 hr 19 m	56 min	3 hr 33 m	1 hr 2 m	29 min		1 hr 2 m
	Interstate	1 hr 25 m	1 hr 19 m	1 hr 39 m	1 hr 53 m	57 min		1 hr 34 m
	State	1 hr 25 m	46 min	4 hr 53 m	2 hr 8 m		1 hr 5 m	
Roadway	All	1 hr 6 m	58 min	2 hr 18 m	1 hr 21 m	32 min	32 min	58 min
	Federal	1 hr 7 m	53 min	3 hr 15 m	55 min	29 min	1 min	48 min
	Interstate	1 hr 5 m	1 hr 5 m	1 hr 1 m	1 hr 51 m	34 min		1 hr 3 m
	State	1 hr 11 m	39 min	4 hr 53 m	1 hr 14 m		1 hr 4 m	

All Roads (Interstate / Federal / State)

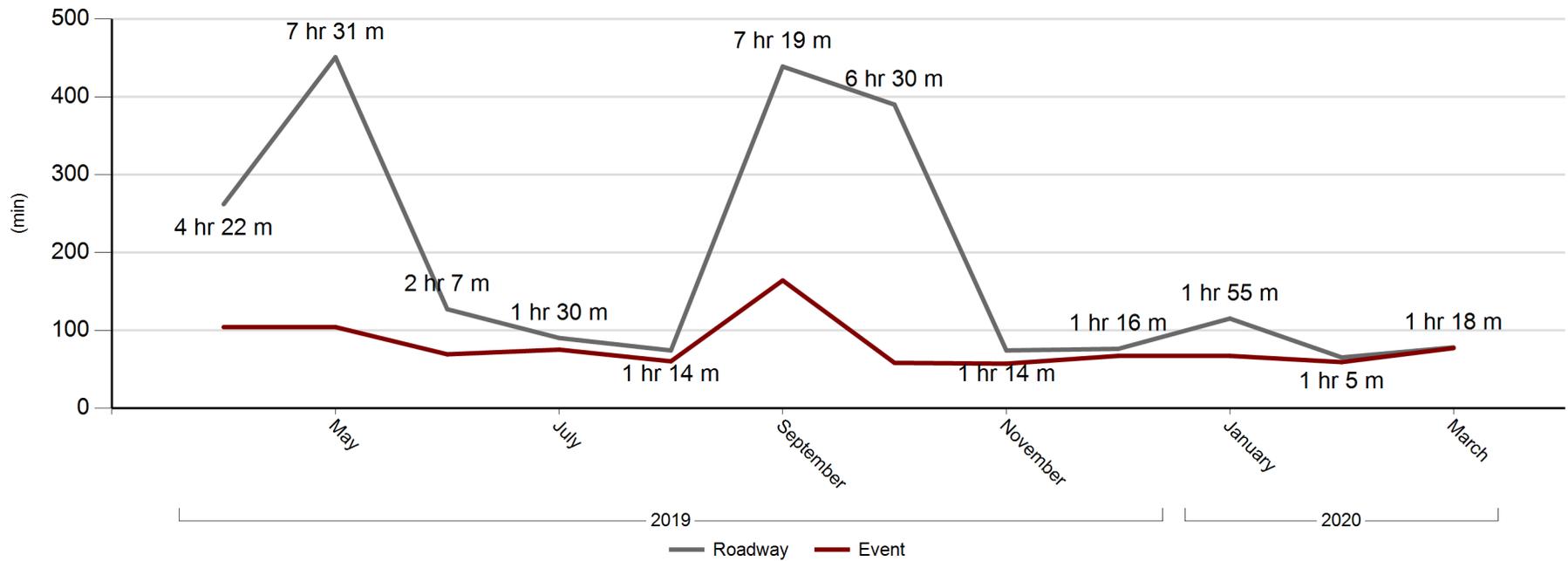


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 29 m	57 min	2 hr 45 m	1 hr 35 m	1 hr 54 m	3 hr 18 m	1 hr 53 m
	Federal	1 hr 38 m	1 hr 5 m	3 hr 1 m	56 min	1 hr 2 m	4 hr 25 m	1 hr 49 m
	Interstate	1 hr 26 m	56 min	1 hr 39 m	1 hr 53 m	2 hr 13 m		1 hr 54 m
	State	1 hr 33 m	48 min	4 hr 51 m	2 hr 8 m	59 min	1 hr 5 m	
Roadway	All	1 hr 18 m	48 min	2 hr 13 m	1 hr 7 m	2 hr 15 m	2 hr 28 m	1 hr 32 m
	Federal	1 hr 20 m	47 min	2 hr 39 m	49 min	1 hr 2 m	2 hr 56 m	1 hr 33 m
	Interstate	1 hr 13 m	50 min	58 min	1 hr 26 m	2 hr 38 m		1 hr 17 m
	State	1 hr 44 m	40 min	4 hr 52 m	54 min	59 min	1 hr 4 m	6 hr 27 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 28 m)								
	03/04 05:16 AM	122135	US-52			1	5 hr 16 m	Initial report of a single vehicle crash on US-52 NB at MM 96 in Garnavillo.
	03/19 10:21 PM	124003	I-80			1	4 hr 39 m	Initial report of a single vehicle crash on I-80 EB at MM 206 (near Victor).
	03/25 12:43 PM	124273	I-80			1	6 hr 46 m	Initial report of a single vehicle crash on I-80 WB at MM 175 (near Kellogg).
	03/15 10:11 AM	123583	I-80		1		3 hr 36 m	Initial report of a single vehicle crash on I-80 EB at MM 180 (near Oakland Acres).
	03/07 06:52 AM	122582	I-29			1	4 hr 47 m	Initial report of a single vehicle crash on I-29 SB at MM 124 (near Sloan).
	03/13 03:21 AM	123372	I-35			1	4 hr 32 m	Initial report of a single vehicle crash on I-35 SB at MM 120 (near Roland).
2 Vehicle Crash (Avg Impact : 56 min)								
	03/19 09:14 AM	123962	US-52	1		2	7 hr 5 m	Initial report of a 2 vehicle crash on US-52 NB at MM 106 (near Farmersburg).
	03/13 12:15 AM	123370	I-80	1			2 hr 12 m	Initial report of a 2 vehicle crash on I-80 EB at MM 253 (near West Branch).
	03/26 09:36 AM	124336	I-35		2		2 hr 29 m	Initial report of a 2 vehicle crash on I-35 SB at MM 103 in Huxley.
	03/16 07:21 AM	123639	US-30			2	2 hr 23 m	Initial report of a 2 vehicle crash on US-30 WB at MM 203 in Toledo.
	03/16 11:42 AM	123671	IA-9		1	2	4 hr 53 m	Initial report of a 2 vehicle crash on IA-9 EB/WB at MM 146 (near Thompson).
Debris (Avg Impact : 36 min)								
	03/05 11:27 AM	122321	I-29				2 hr 9 m	Initial report of a debris event on I-29 NB at MM 131 (near Salix).
Emergency Vehicles (Avg Impact : 1 hr 11 m)								
	03/07 02:29 AM	122573	IA-210				3 hr 20 m	Initial report of an emergency vehicles event on IA 210 EB/WB at MM 30 (Maxwell).
Flooding (Avg Impact : 2 hr 41 m)								
	03/28 01:44 AM	124422	IA-22				7 hr 29 m	Initial report of a flooding event on IA-22 at MM 92 in Buffalo.
Grass Fire (Avg Impact : 4 hr 24 m)								
	03/08 04:09 PM	122716	US-63				4 hr 25 m	Initial report of a grass fire on US-63 NB at MM 1 (near Moulton).
Stalled Vehicle (Avg Impact : 50 min)								
	03/24 06:11 PM	124237	US-218				7 hr 4 m	Initial report of a stalled vehicle on US-218 NB at MM 96 in Coralville.
	03/23 08:59 PM	124192	I-380			1	3 hr 23 m	Initial report of a stalled vehicle on I-380 SB at MM 14 in Cedar Rapids.
	03/20 07:33 AM	124029	I-29				2 hr 43 m	Initial report of a stalled vehicle on I-29 NB at MM 29 (near Pacific Junction).
	03/03 02:07 PM	122055	US-275			1	2 hr 25 m	Initial report of a stalled vehicle on US-275 NB at MM 52 in Council Bluffs.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Stalled Vehicle (Avg Impact : 50 min)								
	03/28 01:57 AM	124423	US-67				3 hr 49 m	Initial report of a debris event on US-67 SB at MM 13 in Le Claire.
Towing Operation (Avg Impact : 6 hr 19 m)								
	03/20 11:54 AM	124041	I-29			1	13 hr 6 m	Initial report of a towing operation event on I-29 NB at MM 28 (near Pacific Junction).

SECONDARY INCIDENTS

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
2 Vehicle Crash								
Primary	03/18 04:45 AM	123855	I-80			1	45 min	Initial report of a 2 vehicle crash on I-80 EB at MM 219 (near Williamsburg).
**	03/18 04:47 AM	123856	I-80			2	45 min	Initial report of a 2 vehicle crash on I-80 EB at MM 220 in Williamsburg.
2 Vehicle Crash								
Primary	03/12 02:58 PM	123319	I-380				45 min	Initial report of a 2 vehicle crash on I-380 NB at MM 15 in Cedar Rapids.
**	03/12 03:14 PM	123323	I-380				45 min	Initial report of a 2 vehicle crash on I-380 NB at MM 13 in Cedar Rapids.
3+ Vehicle Crash								
Primary	03/04 07:55 AM	122144	I-80		4	1	1 hr 20 m	Initial report of a 3+ vehicle crash on I-80 WB at MM 137 (near Saylorville).
**	03/04 08:32 AM	122152	I-80				45 min	Initial report of a 2 vehicle crash on I-80 WB at MM 139 (near Altoona).
Stalled Vehicle								
Primary	03/02 10:48 AM	121929	I-235				30 min	Initial report of a stalled vehicle on I-235 WB at MM 7 in Des Moines.
**	03/02 10:37 AM	121927	I-235		1		45 min	Initial report of a 2 vehicle crash on I-235 WB at MM 7 in Des Moines.