



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

June 2018

This report contains statistical and operational data for TMC activities from the period of June 01, 2018 to June 30, 2018.

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
May	June
2,945	3,086

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
May	June
6	13

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
May	June
207	214

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
May	June
287	440

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
May	June
55 min	1 hr 12 m

TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
May	June
1,345	1,198

* - excludes roadwork

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

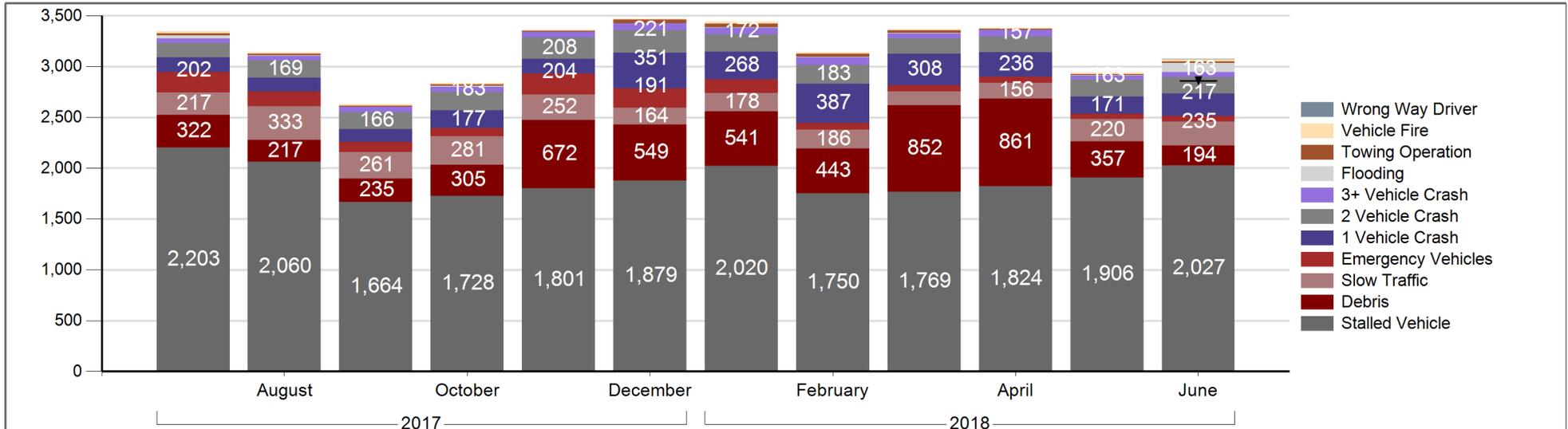
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

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	2,027	66%	1 hr 6 m	1,026	24	24	306	71	576
Slow Traffic	235	8%	42 min	161	16	9	25	1	23
1 Vehicle Crash	217	7%	1 hr 31 m	85	9	10	43	21	49
Debris	194	6%	2 hr 59 m	71	13	16	25	16	53
2 Vehicle Crash	163	5%	1 hr 16 m	77	5	13	24	13	31
Flooding	88	3%	18 hr 42 m	35	14	27	4	6	2
Emergency Vehicles	60	2%	3 hr 30 m	17	3	7	11	3	19
3+ Vehicle Crash	51	2%	1 hr 1 m	23	1	2	5	2	18
Vehicle Fire	20	1%	1 hr 26 m	7	1	2	3	1	6
Towing Operation	15	0%	3 hr 58 m	4	1	1	7	0	2
Wrong Way Driver	4	0%		1	0	0	0	0	3
Grass Fire	2	0%		0	0	0	0	0	2
Total	3,076	100%	3 hr 13 m	1,507	87	111	453	134	784

* - Totals include Highway Helper Incidents

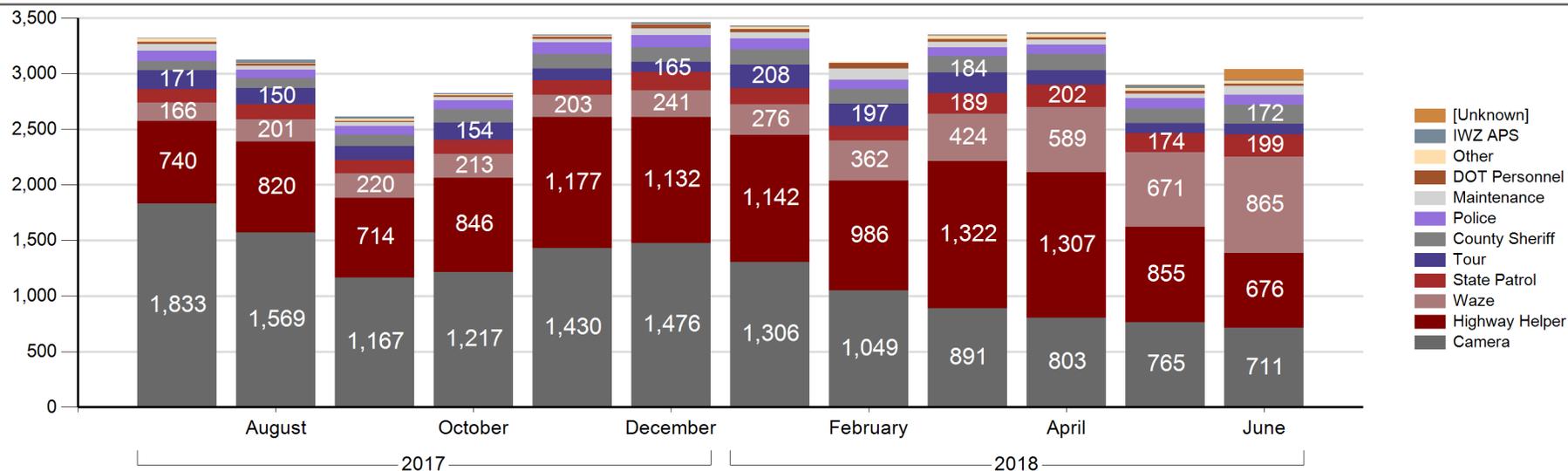


INCIDENT TOTALS BY DETECTION TYPE

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*
Waze	865	28%	438	22	25	96	43	241
Camera	711	23%	452	5	8	87	28	131
Highway Helper	676	22%	300			149		227
State Patrol	199	6%	73	7	19	41	14	45
County Sheriff	172	6%	46	10	27	25	17	47
Tour	97	3%	50	2	5	15	4	21
[Unknown]	94	3%	35	9	4	14	6	26
Police	89	3%	51	3	5	6	3	21
Maintenance	81	3%	11	17	14	3	14	22
Other	22	1%	17	1		3		1
DOT Personnel	21	1%	10	3	2	3	1	2
IWZ APS	14	0%	1	9	2	1		1
Total	3,041	100%	1,484	88	111	443	130	785

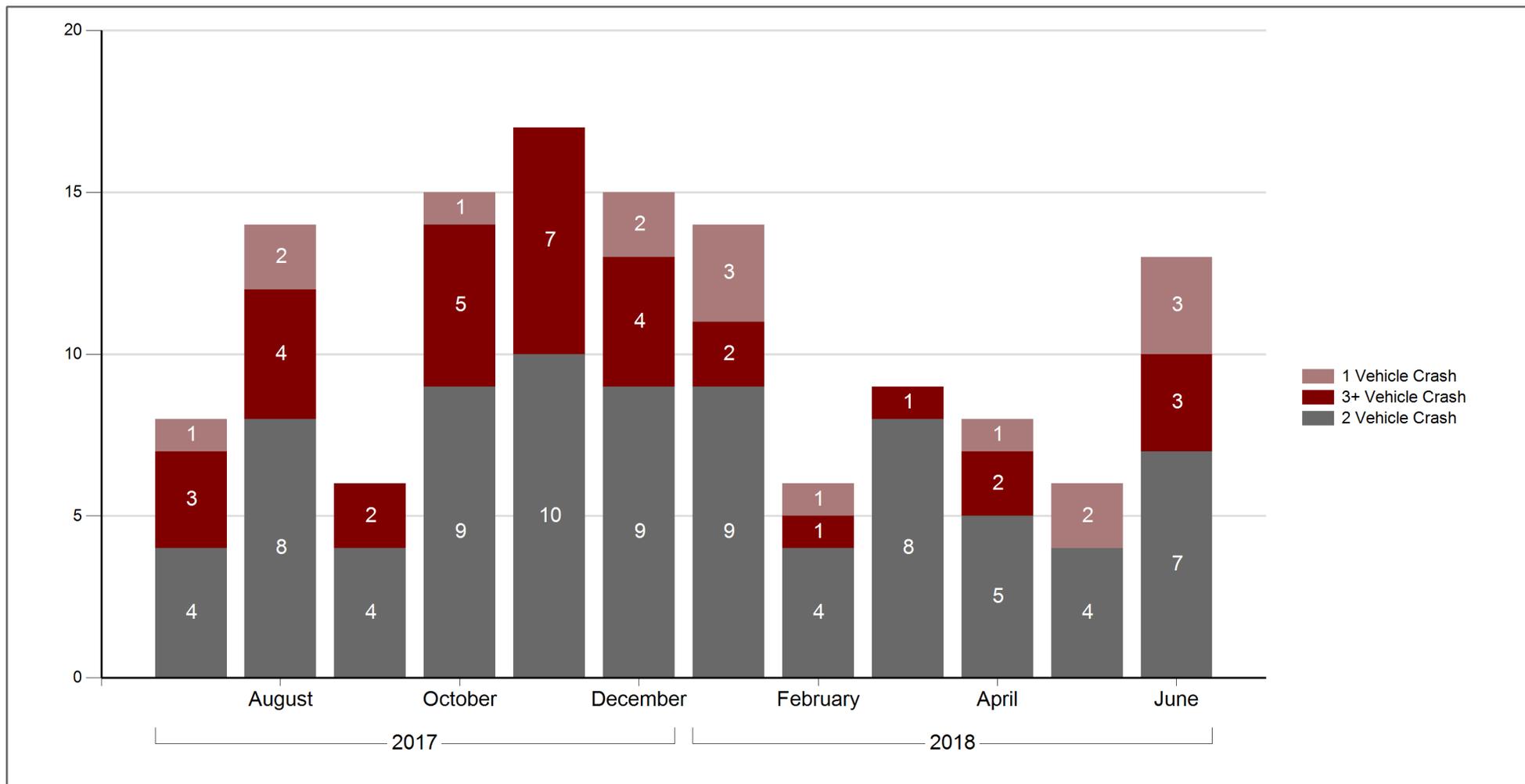
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

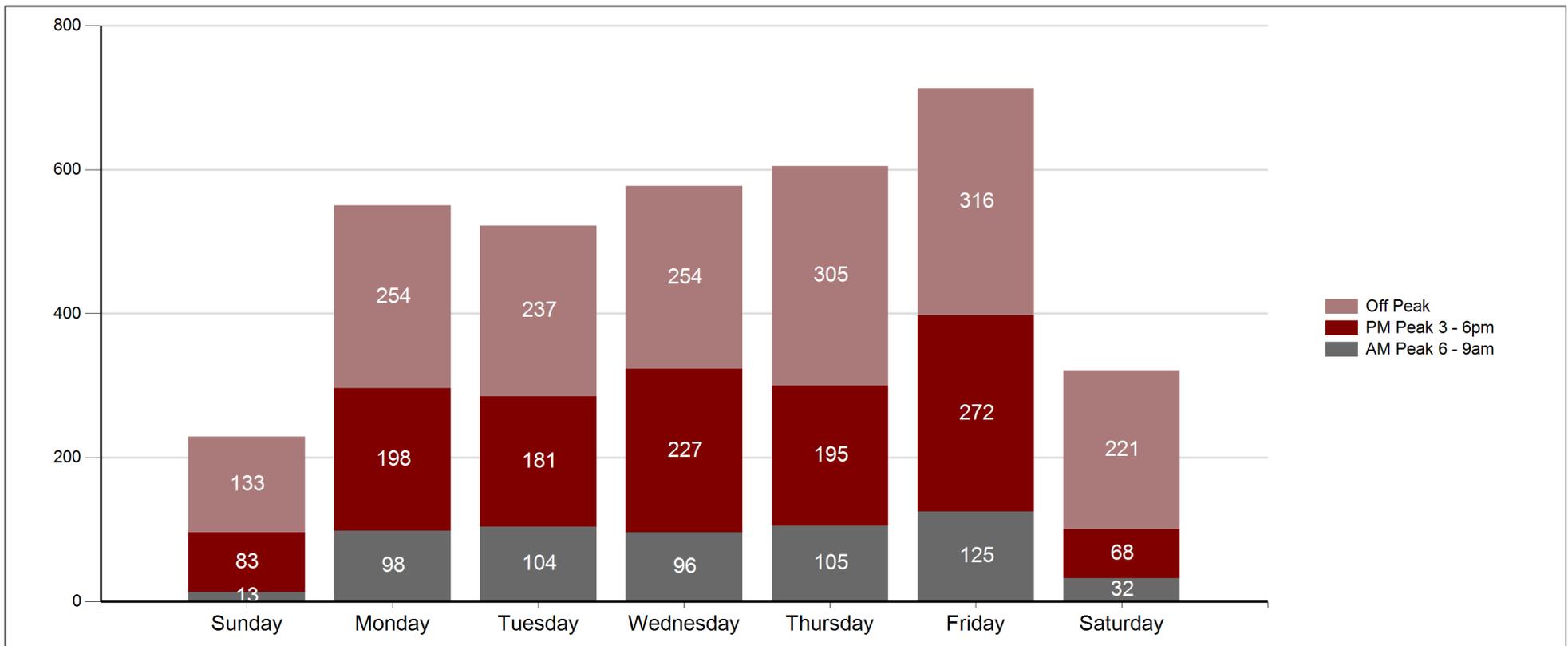
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	7	54%	29 min	3	0	0	1	0	3
1 Vehicle Crash	3	23%	25 min	2	0	0	1	0	0
3+ Vehicle Crash	3	23%	1 hr	3	0	0	0	0	0
Total	13	100%	40 min	8	0	0	2	0	3



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.

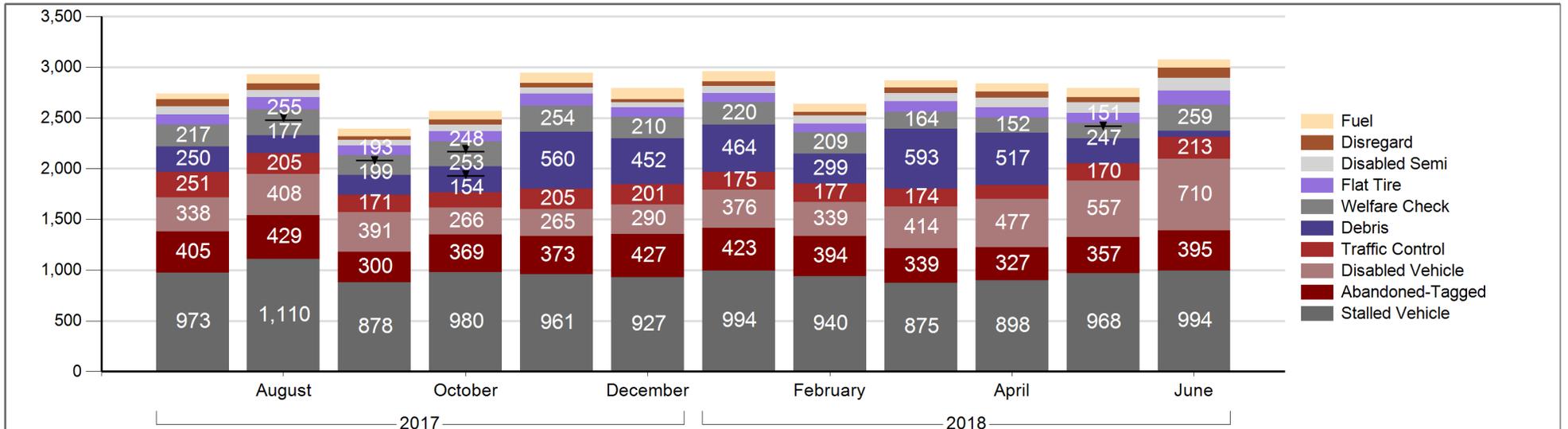
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	641	21%	2 hr 31 m	308	22	25	92	23	171
Thursday	521	17%	2 hr 3 m	258	10	24	60	27	142
Wednesday	515	17%	1 hr 27 m	241	18	19	86	16	135
Monday	483	16%	3 hr 49 m	239	6	13	74	25	126
Tuesday	455	15%	2 hr 48 m	248	8	7	73	19	100
Saturday	279	9%	5 hr 45 m	124	19	15	39	13	69
Sunday	192	6%	4 hr 10 m	91	8	10	29	11	43
Total	3,086	100%	2 hr 31 m	1,509	91	113	453	134	786



HIGHWAY HELPER RESPONSES

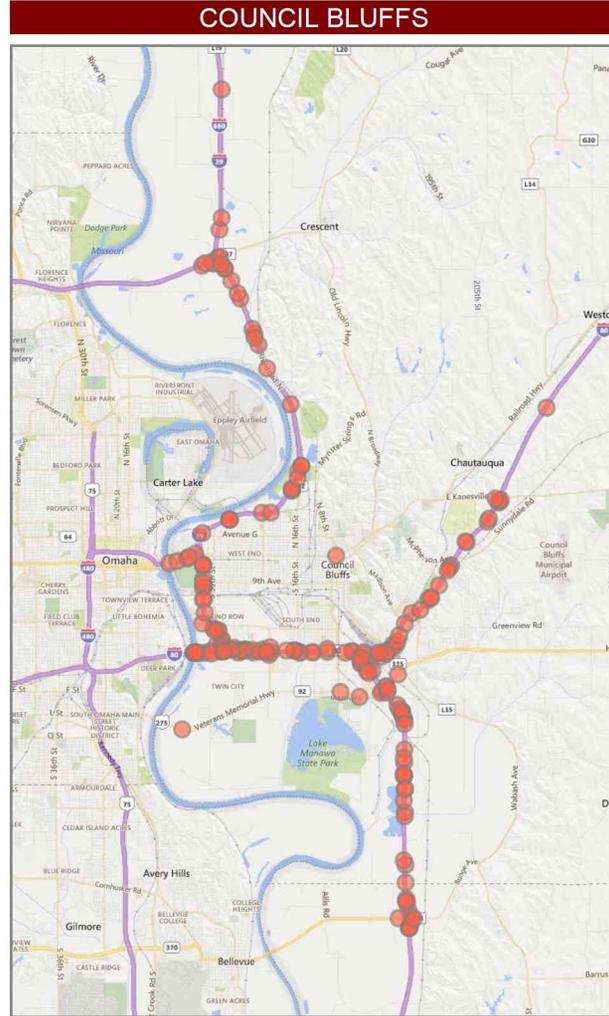
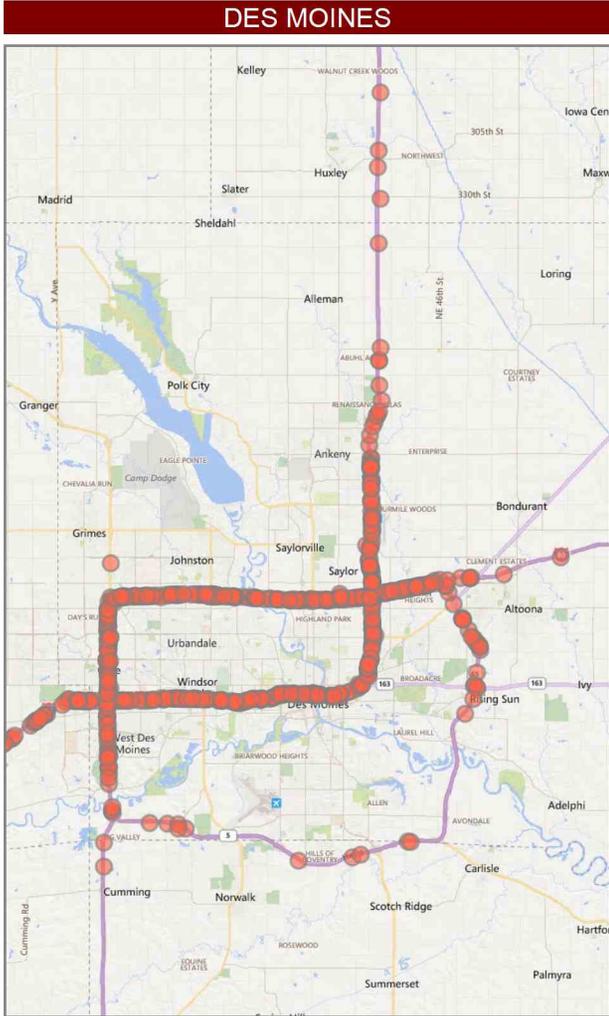
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	994	28%	51 min		505	189	297
Disabled Vehicle	710	20%	37 min		368	135	205
Abandoned-Tagged	400	11%	1 hr 9 m		220	72	106
Welfare Check	266	8%	33 min		115	58	92
Traffic Control	227	6%	56 min		134	27	64
Flat Tire	175	5%	19 min		83	42	50
Disabled Semi	127	4%	56 min		54	19	54
Debris	106	3%	17 min		73	10	23
Disregard	103	3%	18 min		68	10	25
Fuel	86	2%	1 hr 57 m		51	14	21
2 Vehicle Crash	58	2%	33 min		40	9	9
Mechanical Repair	50	1%	30 min		22	10	17
Total	3,302	100%	49 min		1,733	595	963



HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

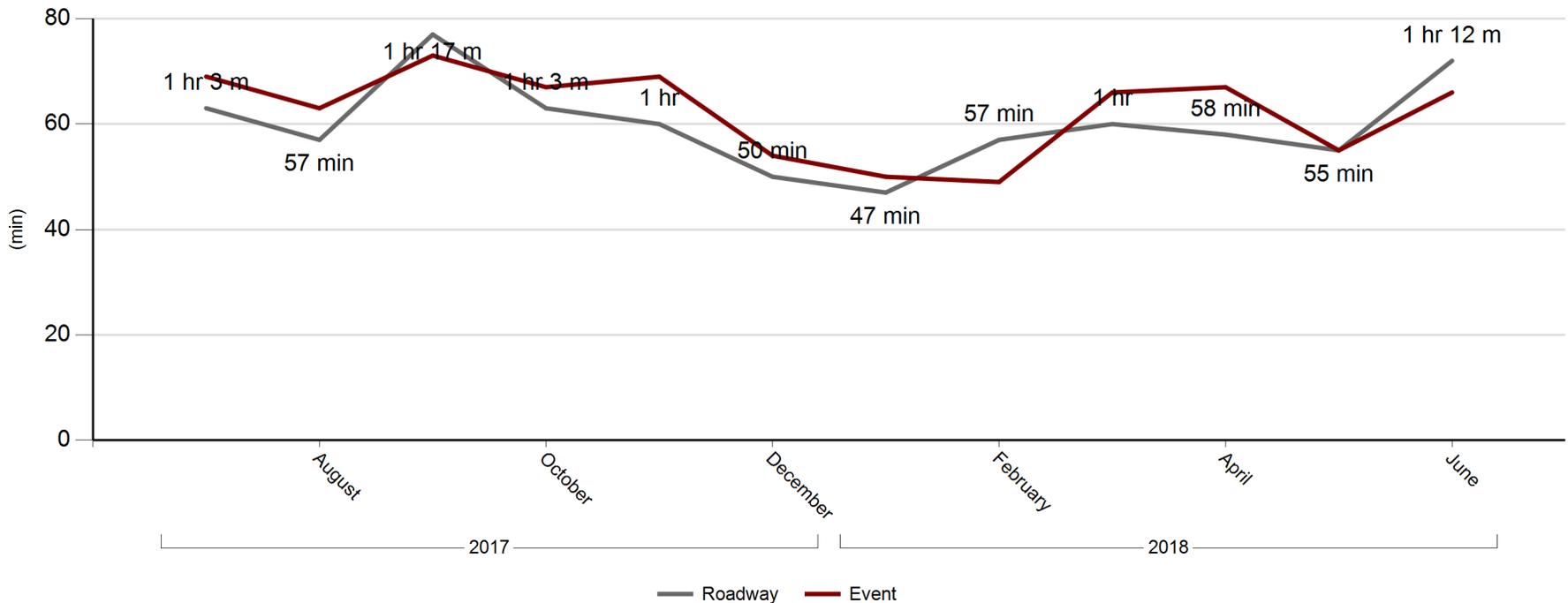


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 13 m	1 hr 1 m	1 hr 14 m	1 hr 55 m	1 hr 21 m	1 hr 26 m	1 hr 3 m
	Federal	1 hr 26 m	50 min	1 hr 32 m	2 hr 34 m	1 hr 11 m	1 hr 24 m	1 hr 31 m
	Interstate	59 min	55 min	56 min	41 min	1 hr 25 m	1 hr 22 m	38 min
	State	1 hr 50 m	1 hr 50 m		2 hr 54 m	1 hr 8 m	1 hr 32 m	2 hr 2 m
Roadway	All	1 hr 12 m	59 min	1 hr 20 m	1 hr 58 m	1 hr 18 m	1 hr 23 m	1 hr 5 m
	Federal	1 hr 31 m	50 min	1 hr 32 m	2 hr 23 m	1 hr 12 m	1 hr 38 m	1 hr 34 m
	Interstate	58 min	53 min	1 hr 12 m	45 min	1 hr 22 m	1 hr 13 m	38 min
	State	1 hr 42 m	1 hr 50 m		2 hr 39 m	1 hr 1 m	1 hr 13 m	2 hr 3 m

All Roads (Interstate / Federal / State)

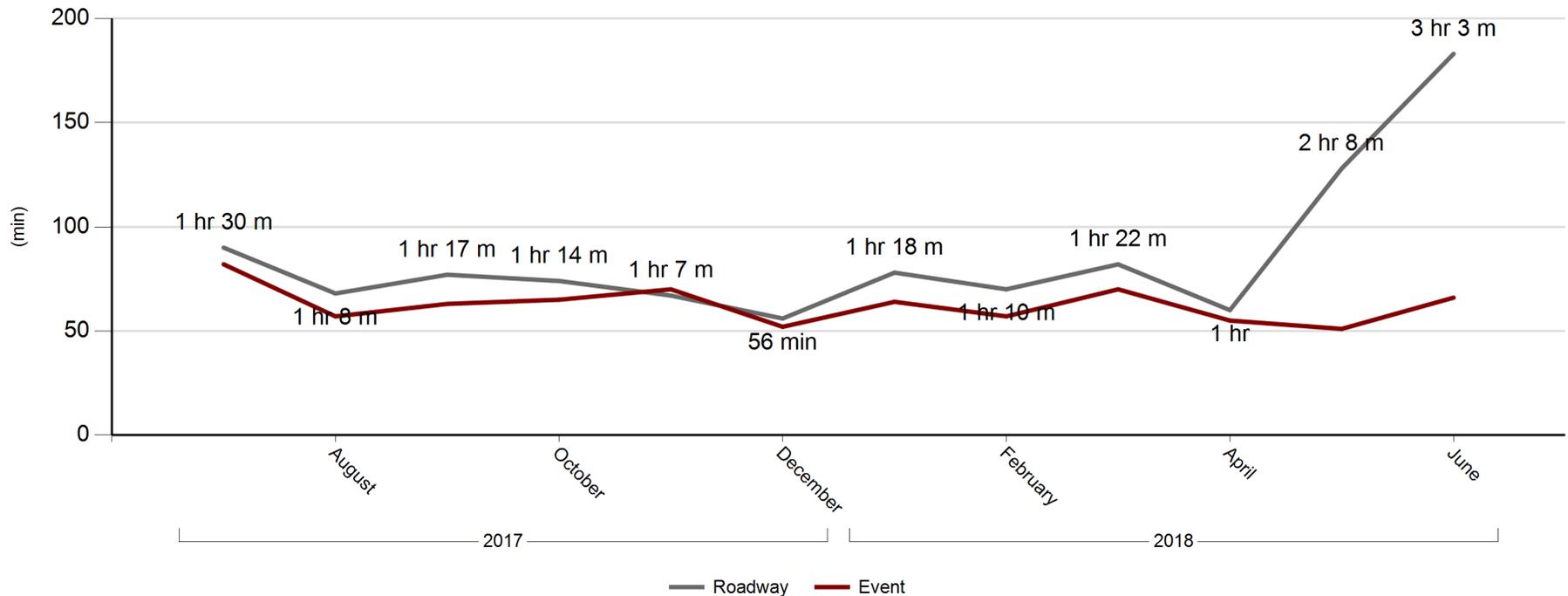


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 32 m	1 hr	5 hr 24 m	3 hr 15 m	1 hr 26 m	1 hr 17 m	1 hr 2 m
	Federal	2 hr 25 m	1 hr 18 m	8 hr 45 m	3 hr 26 m	1 hr 2 m	1 hr 9 m	1 hr 41 m
	Interstate	1 hr 1 m	52 min	1 hr 52 m	35 min	1 hr 36 m	1 hr 5 m	42 min
	State	2 hr 9 m	1 hr 31 m	1 hr 22 m	5 hr 16 m	50 min	1 hr 31 m	1 hr 5 m
Roadway	All	3 hr 3 m	1 hr 37 m	4 hr 58 m	9 hr 48 m	3 hr 22 m	1 hr 38 m	1 hr 4 m
	Federal	5 hr 50 m	1 hr 23 m	9 hr 40 m	14 hr 6 m	9 hr 46 m	1 hr 34 m	1 hr 45 m
	Interstate	1 hr 2 m	52 min	2 hr 3 m	36 min	1 hr 39 m	1 hr 3 m	39 min
	State	4 hr 26 m	6 hr 3 m	1 hr 21 m	8 hr 53 m	48 min	1 hr 54 m	1 hr 2 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 20 m)								
	06/01 02:57 PM	50388	US-71			1	3 hr 55 m	Initial report of a single vehicle crash on US-71 NB at MM 184 (near Rembrandt).
	06/03 11:49 AM	50521	IA-141			1	6 hr 40 m	Initial report of a single vehicle crash on IA-141 EB at MM 152 in Grimes.
	06/04 01:17 PM	50586	US-34		1	1	3 hr 31 m	Initial report of a single vehicle crash on US-34 EB at MM 202 (near Batavia).
	06/07 06:33 AM	50938	I-80			1	4 hr 28 m	Initial report of a single vehicle crash on I-80 EB at MM 138 (near Saylorville).
	06/07 01:57 PM	50981	US-20			1	3 hr 24 m	Initial report of a single vehicle crash on US-20 EB at MM 90 (near Jolley).
	06/08 04:58 AM	51060	I-80				2 hr 47 m	Initial report of a single vehicle crash on I-80 WB at MM 107 (near De Soto).
	06/25 05:29 AM	52854	US-30	2	2	1	6 hr 10 m	Initial report of a single vehicle crash on US-30 EB at MM 227 (near Van Horn).
	06/29 04:21 AM	53376	US-75			1	5 hr 4 m	Initial report of a single vehicle crash on US-75 SB at MM 94 (near Sioux City).
	06/29 08:17 AM	53396	US-61		1	1	2 hr 49 m	Initial report of a single vehicle crash on US-61 NB at MM 129 (near Eldridge).
2 Vehicle Crash (Avg Impact : 1 hr)								
	06/05 01:18 PM	50708	US-34	1	1	1	2 hr 47 m	Initial report of a 2 vehicle crash on US-34 EB at MM 9 (near Glenwood).
	06/07 04:57 PM	51010	US-30	1	1		3 hr 47 m	Initial report of a 2 vehicle crash on US-30 EB at MM 264 (near Mount Vernon).
	06/10 02:54 AM	51241	IA-12				4 hr 49 m	Initial report of a 2 vehicle crash on IA-12 NB at MM 5 in Sioux City.
	06/12 09:59 AM	51438	IA-38	1		1	2 hr 33 m	Initial report of a 2 vehicle crash on IA-38 at MM 17 (near Atalissa).
	06/19 01:12 AM	52197	I-29		2	1	2 hr 24 m	Initial report of a 2 vehicle crash on I-29 NB at MM 71 (near Missouri Valley).
	06/23 11:10 AM	52751	IA-1		2		3 hr 4 m	Initial report of a 2 vehicle crash on IA-1 NB at MM 113 (near Martelle).
	06/24 05:13 AM	52794	I-29		1		2 hr 31 m	Initial report of a 2 vehicle crash on I-29 NB at MM 48 in Council Bluffs.
3+ Vehicle Crash (Avg Impact : 46 min)								
	06/09 11:04 AM		I-380		3	1	2 hr 27 m	Initial report of a 3+ vehicle crash on I-380 SB at MM 4 (near North Liberty).
Debris (Avg Impact : 1 hr 45 m)								
	06/10 01:40 AM	51238	US-218				1 day 6 hr 25 m	Initial report of a debris event on EB at MM 225 (near Nashua).
	06/10 01:40 AM		US-18				1 day 6 hr 25 m	Initial report of a debris event on US-18 EB at MM 218 (near Charles City).
Emergency Vehicles (Avg Impact : 2 hr 1 m)								
	06/10 10:57 AM		US-18				22 hr 20 m	Initial report of an emergency vehicles event on US-18 EB at MM 218 (near Charles City).
	06/25 05:32 AM		US-30				6 hr 8 m	Initial report of an emergency vehicles event on US-30 WB at MM 227 (near Van Horn).

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Flooding (Avg Impact : 17 hr 24 m)								
	06/22 03:53 AM	52596	US-18				2 days	Initial report of a flooding event on US-18 from MM 12 to MM 19 (near Rock Valley).
	06/22 03:58 AM		US-18				2 days	Initial report of a flooding event on US-18 WB at MM 19 in Rock Valley.
	06/23 06:08 AM	52726	US-169				3 days	Initial report of a flooding event on US-169 at MM 88 in Adel.
	06/23 06:39 AM	52728	US-6				3 days	Initial report of a flooding event on SB at MM 114 in Adel.
	06/23 06:27 PM	52781	IA-3				2 days	Initial report of a flooding event on IA-3 WB at MM 1 (near Westfield).
	06/23 06:30 PM		IA-3				2 days	Initial report of a flooding event on IA-3 EB (near Westfield).
	06/25 11:27 PM	52987	US-18				3 days	Initial report of a flooding event on US-18 at MM 85 (near Spencer).
	06/25 11:28 PM		US-18				3 days	Initial report of a flooding event on US-18 WB at MM 85 (near Spencer).
Stalled Vehicle (Avg Impact : 54 min)								
	06/09 02:52 PM	51207	IA-141				2 hr 48 m	Initial report of a stalled vehicle on IA-141 EB at MM 154 in Grimes.
	06/19 09:14 PM	52296	I-80			1	2 hr 28 m	Initial report of a stalled vehicle on I-80 WB at MM 159 (near Colfax).
	06/24 04:36 PM	52818	I-80			1	4 hours	Initial report of a stalled vehicle on I-80 EB at MM 118 in West Des Moines (near Waukee).
	06/27 07:52 AM	53132	I-29				3 hr 24 m	Initial report of a stalled vehicle on I-29 NB at MM 54 in Council Bluffs (near Carter Lake).
	06/29 03:30 PM	53458	IA-10				3 hr 19 m	Initial report of a stalled vehicle on IA-10 WB at MM 62 (near Peterson).
Towing Operation (Avg Impact : 2 hr 18 m)								
	06/18 10:00 AM		I-80			1	6 hr 7 m	Initial report of a towing operation event on I-80 WB at MM 138 in Ankeny (near Saylorville).
	06/18 07:00 PM		I-80			1	4 hr 54 m	Initial report of a towing operation event on I-80 WB at MM 138 in Ankeny (near Saylorville).
Vehicle Fire (Avg Impact : 1 hr 17 m)								
	06/05 05:09 PM	50750	US-218				2 hr 38 m	Initial report of a vehicle fire on US-218 NB at MM 91 in Iowa City.
	06/19 12:15 PM	52248	IA-60				2 hr 48 m	Initial report of a vehicle fire on IA-60 NB at MM 25 (near Hospers).
	06/22 05:31 PM	52695	I-380				2 hr 8 m	Initial report of a vehicle fire on I-380 SB at MM 1 in Tiffin.