



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

May 2018

This report contains statistical and operational data for TMC activities from the period of May 01, 2018 to May 31, 2018.

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
April	May	April	May	April	May
3,394	2,945	8	6	223	207

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
April	May	April	May	April	May
311	287	58 min	55 min	1,533	1,345

* - excludes roadwork

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

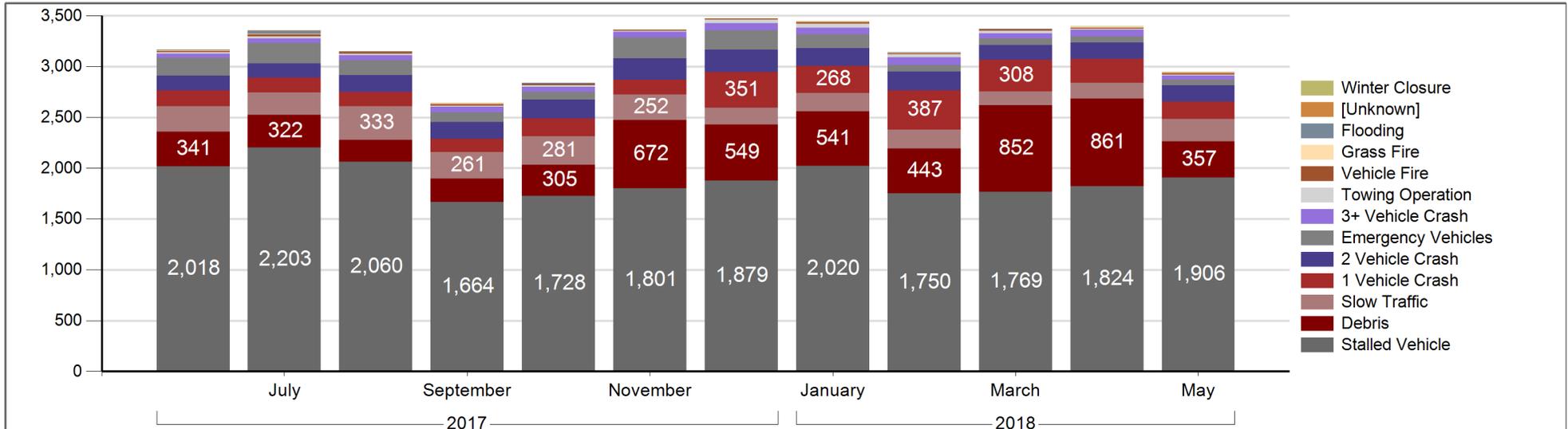
The term 'Avg Impact' is used throughout this report to indicate mainline closure times (excludes shoulder/ramp closure).

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	1,906	65%	1 hr 3 m	947	25	14	248	47	625
Debris	357	12%	56 min	167	7	8	70	10	83
Slow Traffic	220	7%	3 hr 13 m	135	32	3	15	1	34
1 Vehicle Crash	171	6%	1 hr 12 m	66	5	8	33	10	49
2 Vehicle Crash	163	6%	46 min	89	10	6	12	6	40
Emergency Vehicles	51	2%	1 hr 11 m	16	4	3	8	3	15
3+ Vehicle Crash	44	1%	43 min	26	0	2	1	0	15
Vehicle Fire	17	1%	49 min	3	1	0	1	1	11
Towing Operation	9	0%	9 hr 11 m	2	0	1	1	0	5
Flooding	4	0%	2 days	1	1	0	0	0	2
Grass Fire	2	0%		1	0	0	1	0	0
[Unknown]	1	0%		0	0	0	0	1	0
Total	2,945	100%	2 hr 8 m	1,453	85	45	390	79	879

* - Totals include Highway Helper Incidents

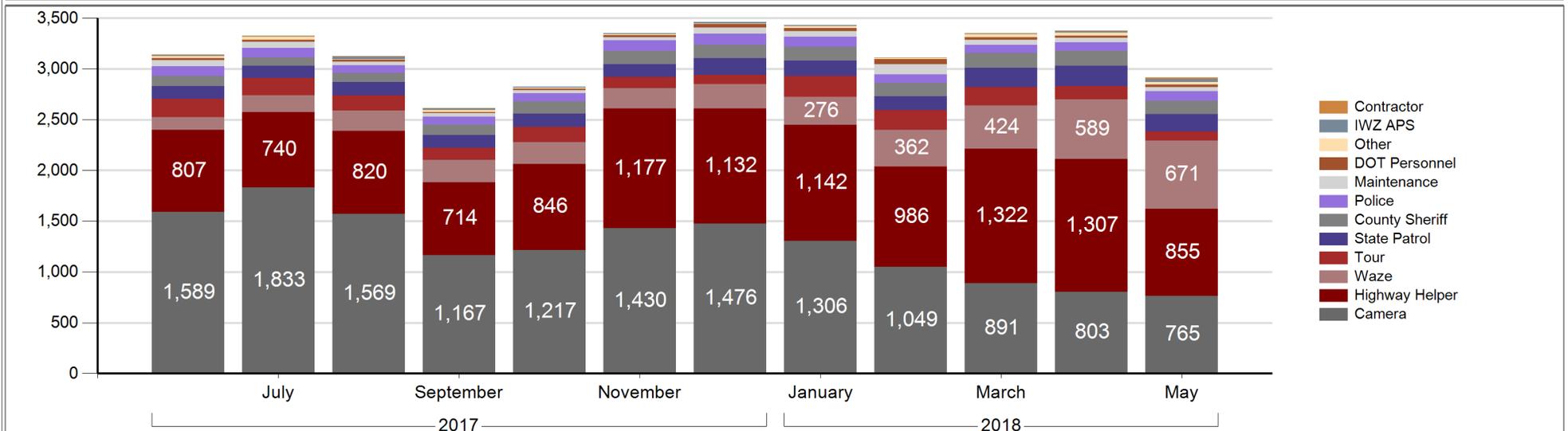


INCIDENT TOTALS BY DETECTION TYPE

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*
Highway Helper	855	29%	337	0	0	210	2	292
Camera	765	26%	455	14	5	72	21	198
Waze	671	23%	377	15	9	45	23	202
State Patrol	174	6%	79	3	5	30	3	54
County Sheriff	130	4%	40	13	14	8	16	39
Police	93	3%	59	0	2	6	2	24
Tour	91	3%	48	5	5	6	2	25
Maintenance	40	1%	8	2	4	2	4	20
Other	28	1%	22	2	0	2	0	2
IWZ APS	27	1%	1	16	1	2	0	7
DOT Personnel	24	1%	6	4	0	1	4	9
Contractor	17	1%	9	7	0	0	1	0
Total	2,915	100%	1,441	81	45	384	78	872

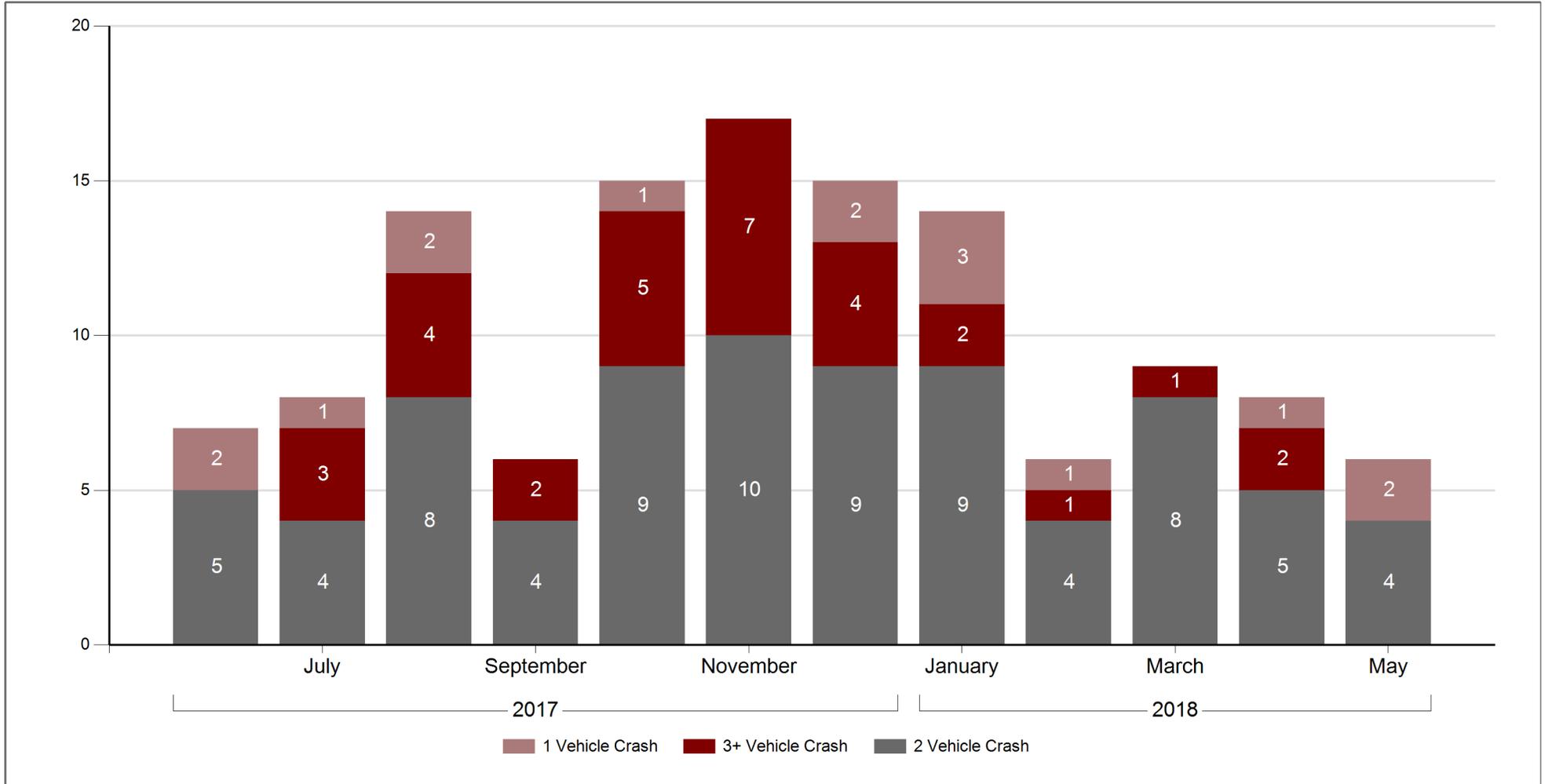
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

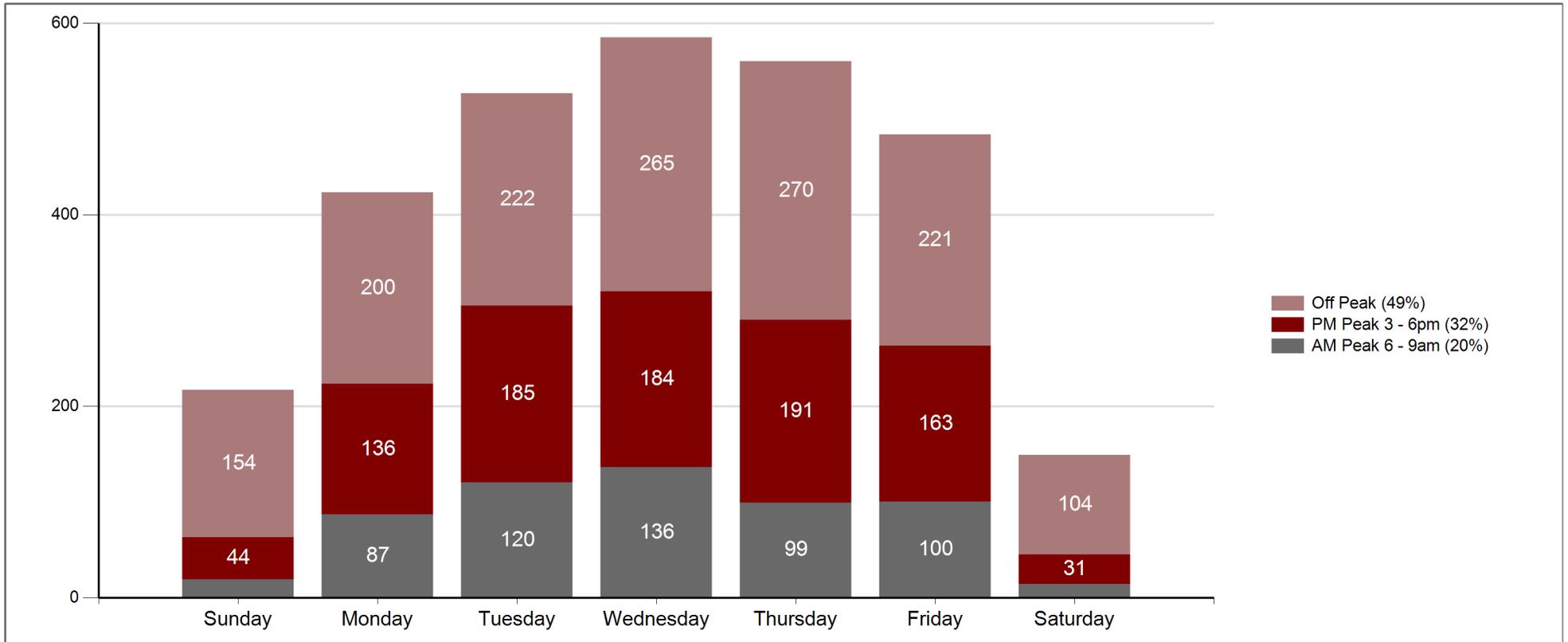
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	4	67%	16 min	3	0	0	0	0	1
1 Vehicle Crash	2	33%		1	0	1	0	0	0
Total	6	100%	16 min	4	0	1	0	0	1



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.

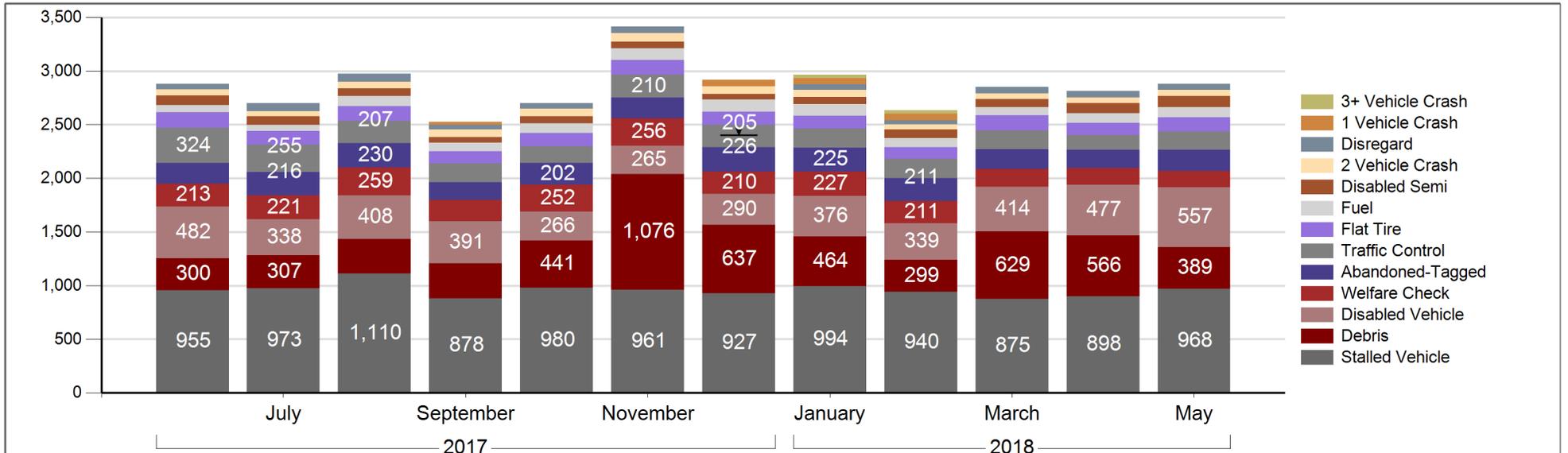
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Wednesday	585	20%	54 min	275	9	11	79	16	193
Thursday	560	19%	5 hr 9 m	288	12	5	72	22	161
Tuesday	527	18%	1 hr 11 m	280	16	7	56	7	149
Friday	484	16%	1 hr 40 m	250	18	4	72	10	130
Monday	423	14%	1 hr 7 m	181	16	4	72	8	142
Sunday	217	7%	1 hr 35 m	111	9	9	26	5	57
Saturday	149	5%	1 hr 28 m	68	5	5	13	11	47
Total	2,945	100%	2 hr 8 m	1,453	85	45	390	79	879



HIGHWAY HELPER RESPONSES

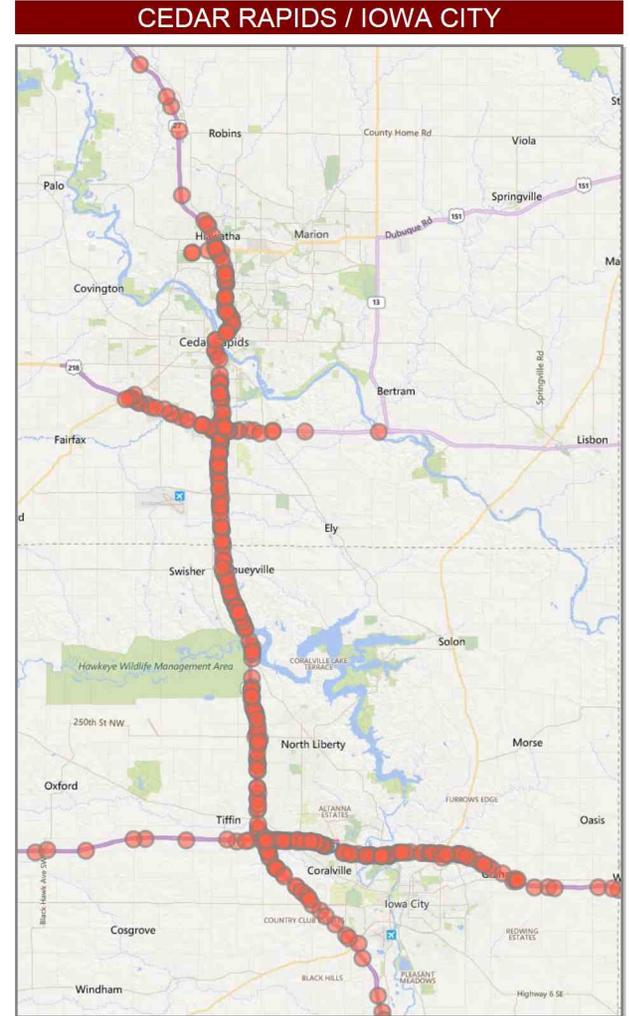
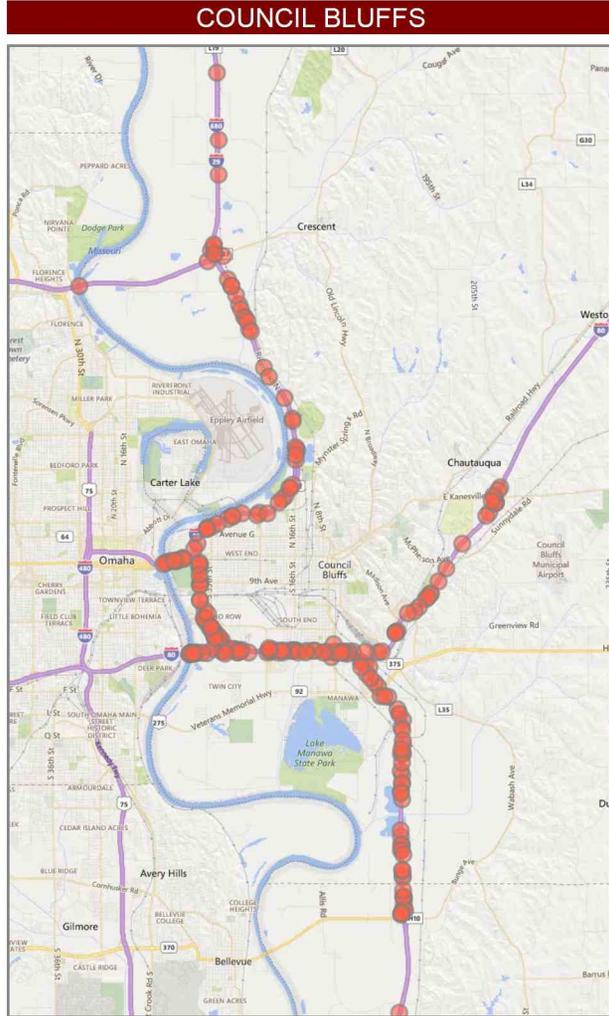
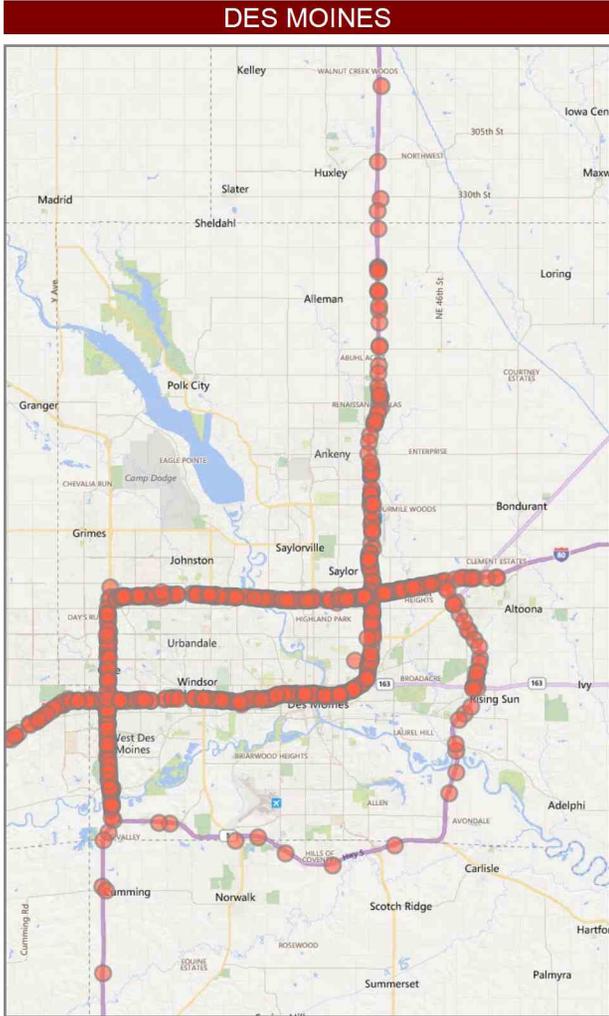
The total number of incidents Highway Helper responded to during the period.

Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City
Stalled Vehicle	968	33%	50 min		447	174	343
Disabled Vehicle	557	19%	38 min		278	101	176
Debris	252	9%	13 min		142	63	44
Abandoned-Tagged	196	7%	3 hr 41 m		99	30	64
Traffic Control	171	6%	55 min		75	32	64
Welfare Check	154	5%			66	42	45
Flat Tire	131	4%	12 min		59	33	39
Disabled Semi	104	4%	57 min		36	18	49
Fuel	95	3%			42	25	28
2 Vehicle Crash	59	2%	44 min		43	8	8
Disregard	56	2%	29 min		30	10	16
1 Vehicle Crash	30	1%	19 min		13	7	10
Total	2,773	100%	43 min		1,330	543	886



HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

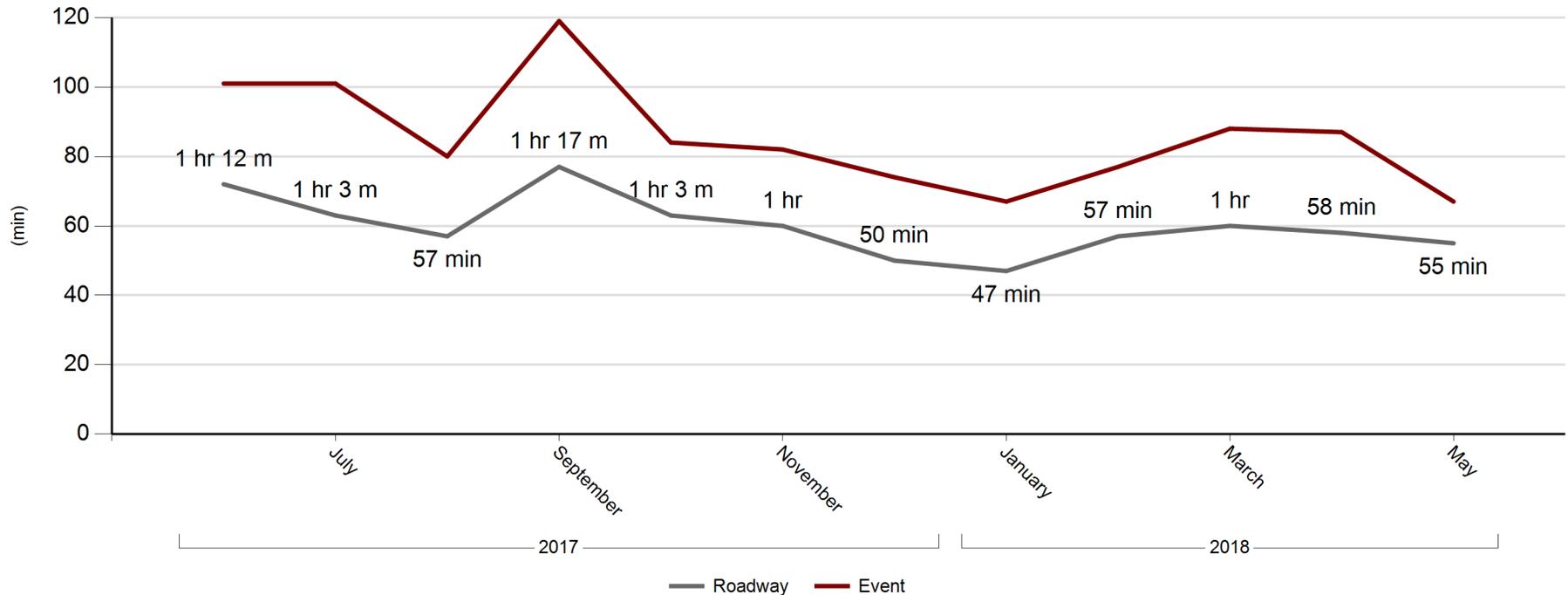


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 1 m	52 min	1 hr 1 m	46 min	1 hr 2 m	2 hr 34 m	1 hr 4 m
	Interstate	53 min	52 min	48 min	40 min	58 min		54 min
	State	1 hr 39 m	1 hr 4 m	1 hr 57 m	56 min	10 min	5 hr 20 m	1 hr 35 m
	Federal	1 hr 1 m	44 min	28 min	43 min	2 hr 46 m	1 hr 12 m	1 hr 15 m
Roadway	All	55 min	45 min	56 min	42 min	57 min	2 hr 30 m	56 min
	Interstate	47 min	44 min	46 min	40 min	52 min	2 hr 31 m	45 min
	State	1 hr 29 m	54 min	1 hr 41 m	40 min	12 min	5 hr 20 m	1 hr 38 m
	Federal	57 min	46 min	30 min	43 min	2 hr 46 m	1 hr 5 m	1 hr 6 m

All Roads (Interstate / Federal / State)

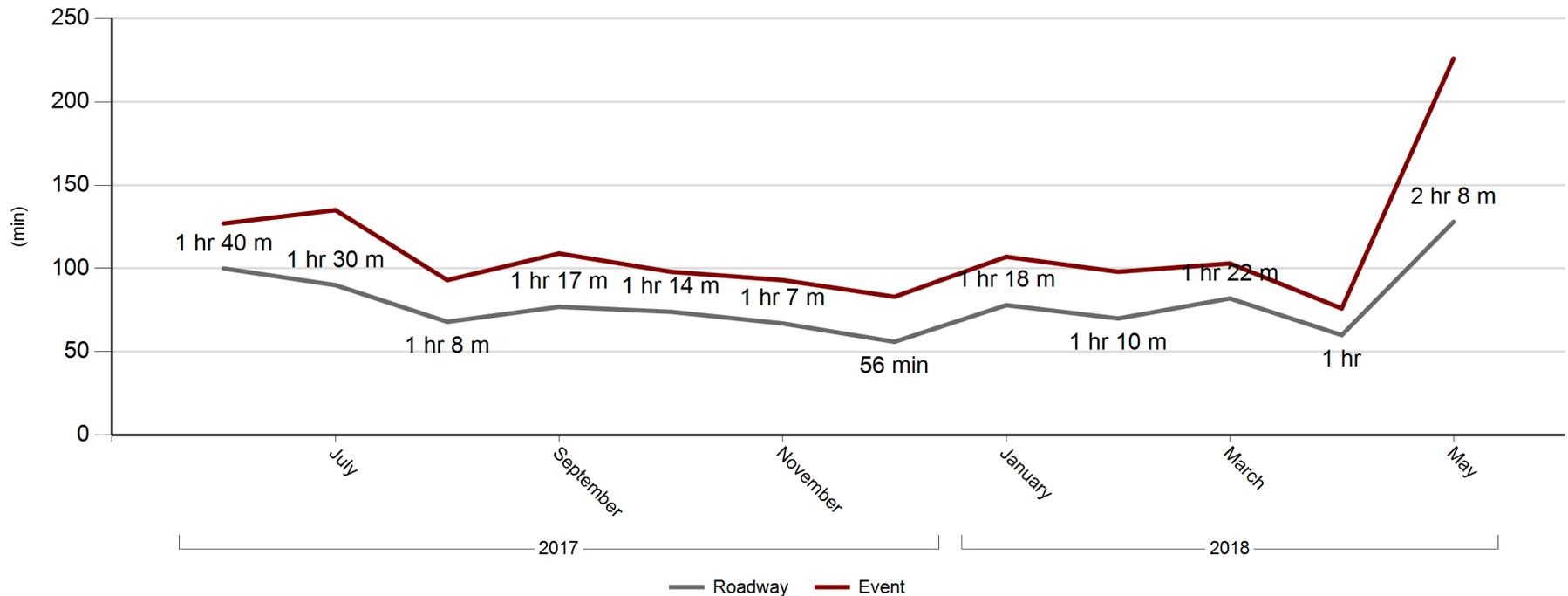


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 6 m	58 min	1 hr 7 m	46 min	1 hr 10 m	1 hr 59 m	1 hr 9 m
	Interstate	1 hr 1 m	55 min	48 min	40 min	1 hr 9 m	12 min	1 hr 7 m
	State	1 hr 26 m	1 hr 1 m	1 hr 27 m	56 min	10 min	5 hr 20 m	1 hr 11 m
	Federal	1 hr 8 m	1 hr 9 m	48 min	43 min	2 hr 46 m	1 hr 10 m	1 hr 13 m
Roadway	All	2 hr 8 m	53 min	1 hr 12 m	55 min	1 hr 13 m	2 hr 16 m	4 hr 38 m
	Interstate	1 hr 9 m	49 min	46 min	2 hr 25 m	1 hr 12 m	1 hr 21 m	1 hr 35 m
	State	1 hr 31 m	59 min	1 hr 25 m	40 min	12 min	5 hr 20 m	1 hr 4 m
	Federal	4 hr 54 m	1 hr 2 m	53 min	39 min	2 hr 46 m	1 hr 6 m	12 hr 14 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 12 m)								
	05/08 01:20 PM	48023	I-35			1	2 hr 31 m	Initial report of a single vehicle crash on I-35 SB at MM 9 (near Decatur City).
	05/11 02:21 PM	48431	I-35			1	2 hr 40 m	Initial report of a single vehicle crash on I-35 SB at MM 106 (near Huxley).
	05/20 08:49 PM		IA-5				8 hr 10 m	Initial report of a single vehicle crash on IA-5 SB at MM 11 (near Centerville).
	05/24 09:35 AM	49558	IA-44			1	2 hr 46 m	Initial report of a single vehicle crash on IA 44 at MM 6 (near Portsmouth).
	05/24 03:29 PM	49589	I-80				2 hr 51 m	Initial report of a single vehicle crash on I-80 WB at MM 297 in Davenport (near Mount Joy).
	05/26 06:09 AM	49781	US-151		1	1	3 hr 56 m	Initial report of a single vehicle crash on US-151 SB at MM 11 (near Amana).
	05/29 10:49 AM	49997	I-35			1	3 hr 15 m	Initial report of a single vehicle crash on I-35 SB at MM 139 (near Ellsworth).
2 Vehicle Crash (Avg Impact : 46 min)								
	05/07 05:40 PM	47940	US-61	1			2 hr 26 m	Initial report of a 2 vehicle crash on US-61 NB at MM 108 (near Blue Grass).
	05/08 08:21 AM	47978	IA-9	1			2 hr 58 m	Initial report of a 2 vehicle crash on IA-9 at MM 185 (near Grafton).
	05/26 08:03 AM	49784	IA-5	1		1	2 hr 31 m	Initial report of a 2 vehicle crash on IA-5 NB at MM 62 (near Knoxville).
	05/30 01:34 PM	50134	US-30		1		2 hr 4 m	Initial report of a 2 vehicle crash on US-30 WB Exit 252A in Cedar Rapids.
3+ Vehicle Crash (Avg Impact : 43 min)								
	05/19 03:20 PM	49158	US-30		1		2 hr 18 m	Initial report of a 3+ vehicle crash on US-30 WB at MM 188 (near Le Grand).
Debris (Avg Impact : 56 min)								
	05/20 08:50 PM	49226	IA-5				8 hr 9 m	Initial report of a single vehicle crash event on IA-5 NB at MM 11 (near Centerville).
	05/25 08:57 PM	49771	US-69				5 hr 2 m	Initial report of a debris event on US-69 SB at MM 113 (near Kelley).
	05/25 08:59 PM		US-69				5 hr 1 m	Initial report of a debris event on US-69 NB at MM 113 (near Kelley).
Emergency Vehicles (Avg Impact : 1 hr 11 m)								
	05/01 03:05 AM	47190	I-29				7 hr 26 m	Initial report of an emergency vehicles event on I-29 SB at MM 45 in Council Bluffs.
	05/08 08:23 AM		IA-9				3 hr 5 m	Initial report of an emergency vehicles event on IA-9 EB at MM 185 (near Grafton).
	05/26 05:37 PM	49801	I-80				4 hr 35 m	Initial report of an emergency vehicles event on I-80 EB at MM 69 (near Anita).
Stalled Vehicle (Avg Impact : 1 hr 3 m)								
	05/15 03:08 PM	48770	I-380				3 hr 41 m	Initial report of a stalled vehicle on I-380 NB at MM 20 in Cedar Rapids.
	05/26 11:13 AM	49788	I-235				8 hr 59 m	Initial report of a stalled vehicle on I-235 WB at MM 3 in Windsor Heights.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Towing Operation (Avg Impact : 9 hr 11 m)								
	05/04 08:00 PM		I-80				1 day 8 hr 48 m	Initial report of a towing operation event on I-80 WB at MM 229 (near Oxford).