



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

March 2024

This report contains statistical and operational data for TMC activities from the period of March 01, 2024 to March 31, 2024.

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
February	March
3,189	3,625

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
February	March
2	6

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
February	March
111	129

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
February	March
197	259

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
February	March
1 hr 14 m	1 hr 31 m

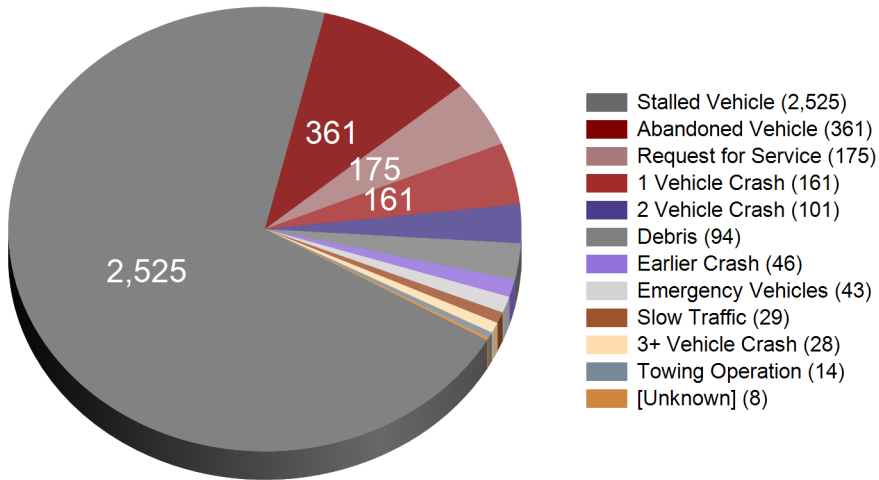
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
February	March
1,145	1,233

* - excludes roadwork

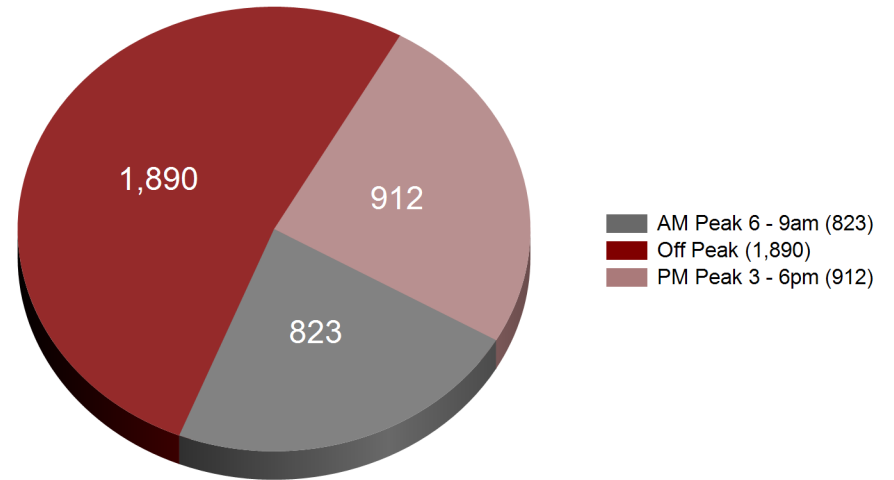
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

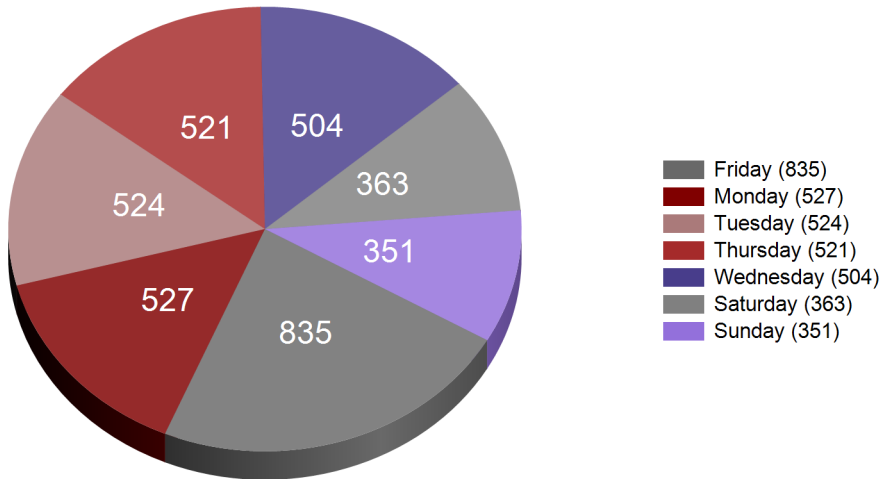
Incidents By Type



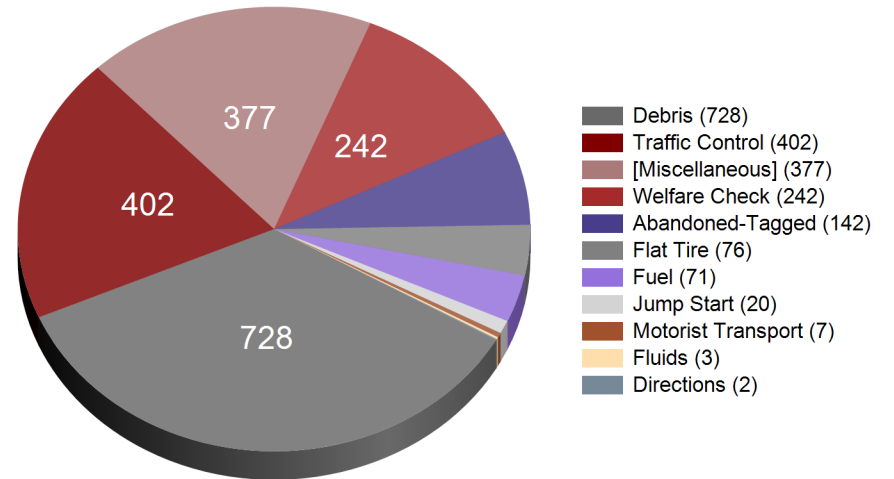
Incidents By Shift



Incidents By Day



Highway Helper Response

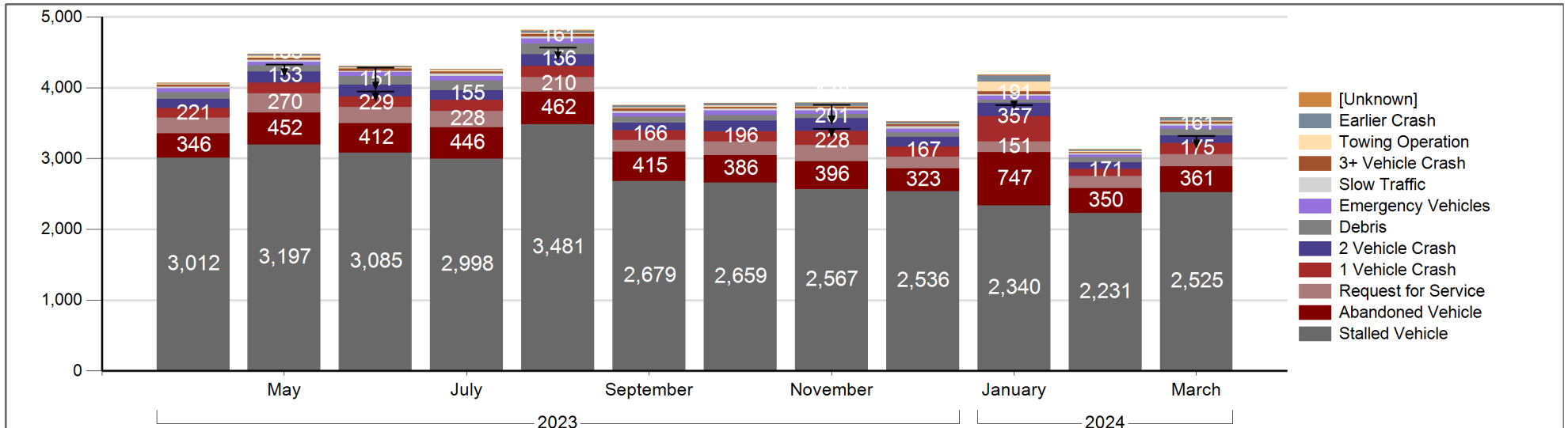


INCIDENT TOTALS BY TYPE

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	2,525	70%	29 min	1,188	58	40	249	62	928
Abandoned Vehicle	361	10%		185	10	5	28	3	130
Request for Service	175	5%	8 min	48	22	30	17	16	42
1 Vehicle Crash	161	4%	50 min	47	12	12	30	12	48
2 Vehicle Crash	101	3%	2 hr 38 m	50	8	4	7	2	30
Debris	94	3%	9 min	50	0	3	9	0	32
Earlier Crash	46	1%		11	7	3	9	7	9
Emergency Vehicles	43	1%	25 min	18	0	7	4	1	13
Slow Traffic	29	0.80%		12	0	0	0	0	17
3+ Vehicle Crash	28	0.78%	48 min	15	1	0	4	0	8
Towing Operation	14	0.39%	2 hr 52 m	4	1	1	0	0	8
Abandoned CMV	9	0.25%	41 min	0	2	0	1	0	6
Total	3,586	100%	1 hr 3 m	1,628	121	105	358	103	1,271

* - Totals include Highway Helper Incidents

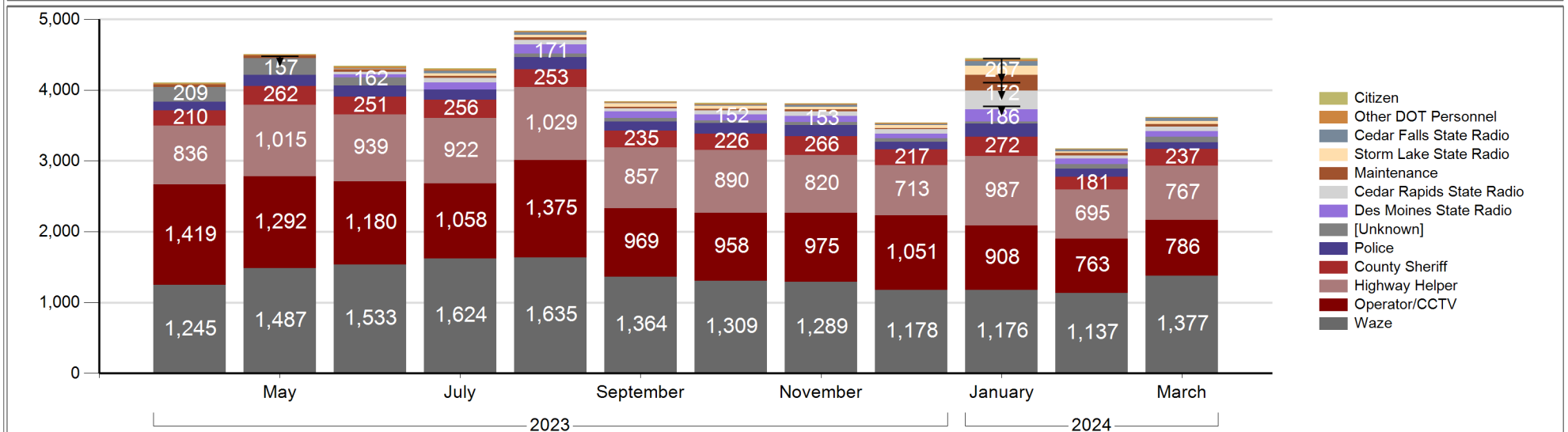


INCIDENT TOTALS BY DETECTION TYPE

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	1,377	38%	643	43	35	131	46	479
Operator/CCTV	786	22%	415	25	10	53	17	266
Highway Helper	767	21%	324	0	0	100	8	335
County Sheriff	237	7%	73	23	36	23	25	57
Other	95	3%	41	1	4	14	1	34
Police	93	3%	53	4	7	2	2	25
Des Moines State Radio	79	2%	58	0	0	3	11	0
Cedar Rapids State Radio	64	2%	11	0	0	1	0	49
Cedar Falls State Radio	40	1%	6	26	0	0	0	6
Storm Lake State Radio	40	1%	0	0	11	29	0	0
Maintenance	39	1%	10	0	3	6	2	17
Other DOT Personnel	8	0.22%	1	0	0	1	1	5
Total	3,625	100%	1,635	122	106	363	113	1,273

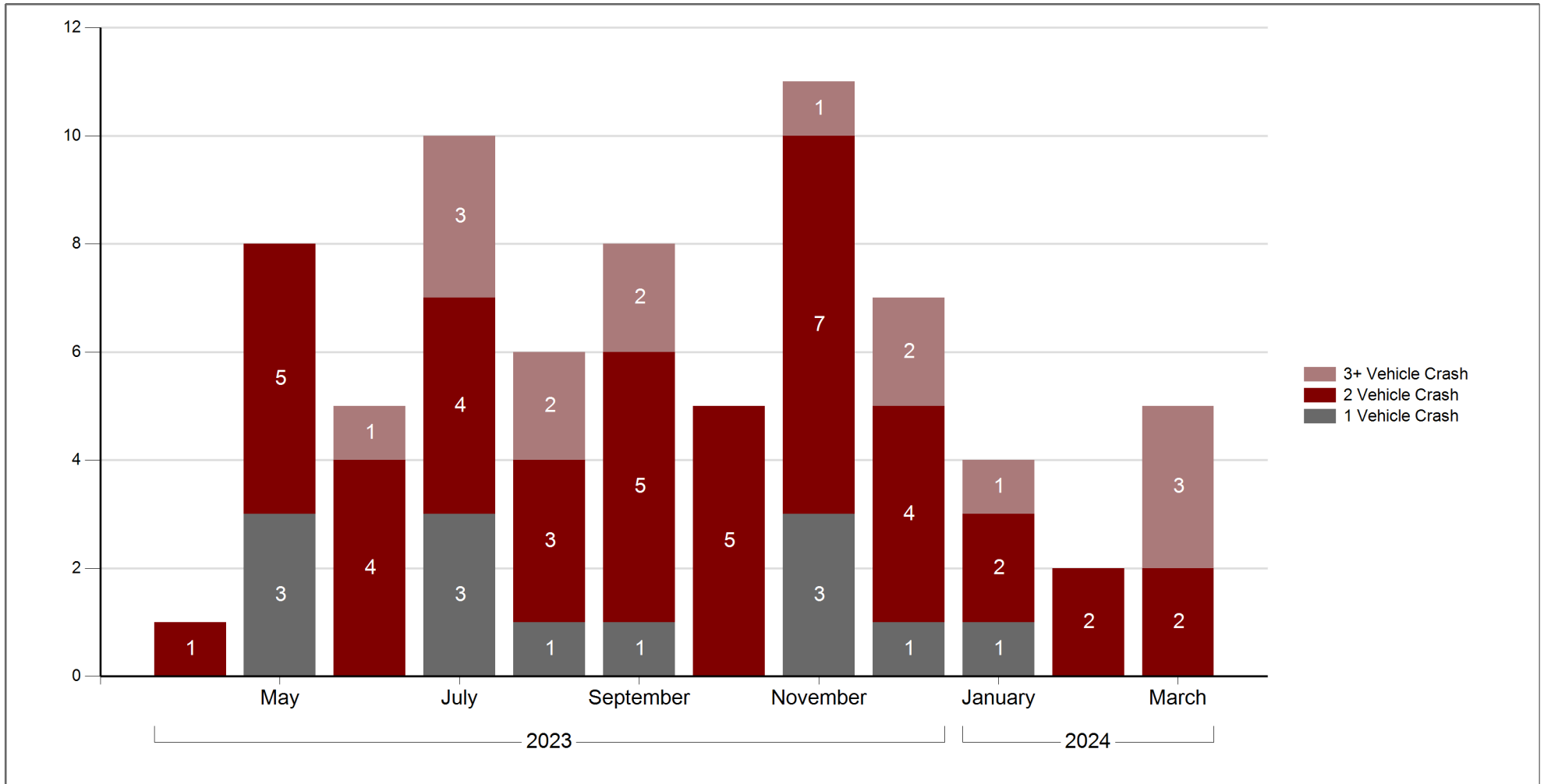
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

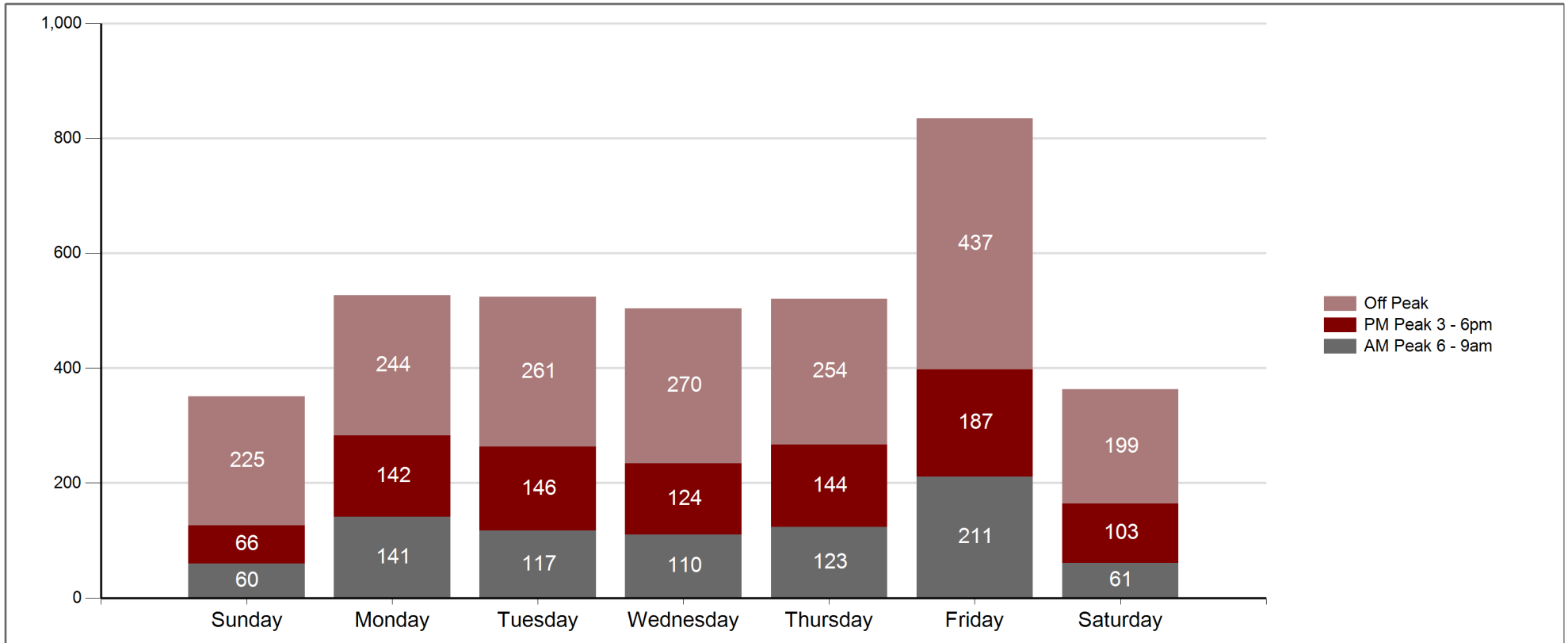
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
3+ Vehicle Crash	3	60%	1 hr 8 m	2	0	0	0	0	1
2 Vehicle Crash	2	40%		2	0	0	0	0	0
Total	5	100%	1 hr 8 m	4	0	0	0	0	1



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.

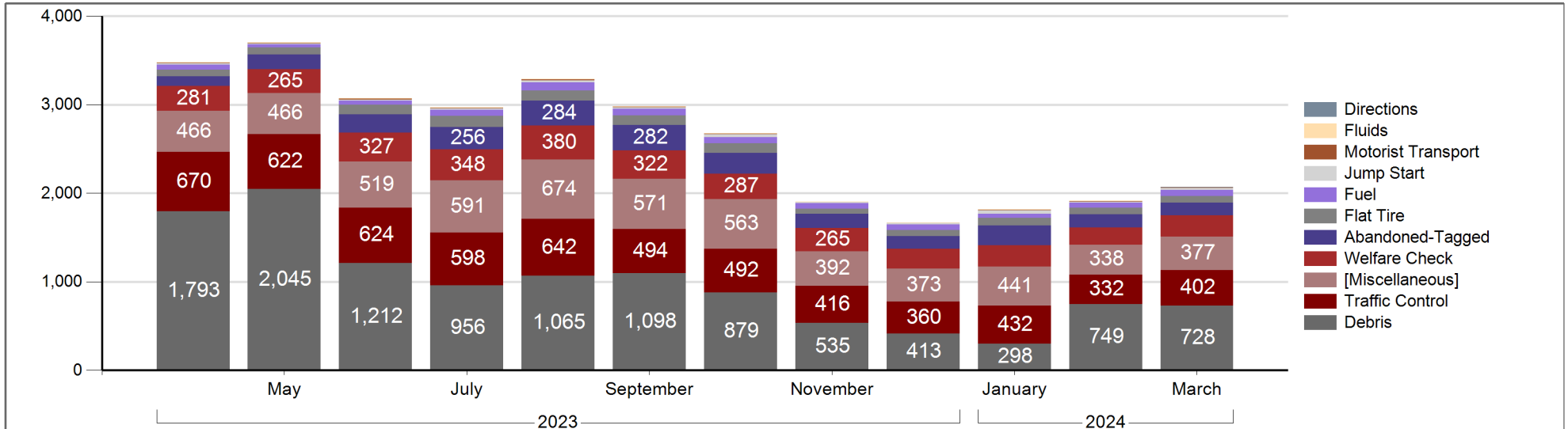
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	835	23%	49 min	365	11	25	87	26	311
Monday	527	15%	48 min	223	21	14	50	15	204
Tuesday	524	14%	1 hr 32 m	245	23	16	45	16	179
Thursday	521	14%	31 min	229	15	17	58	16	186
Wednesday	504	14%	36 min	229	16	17	54	14	174
Saturday	363	10%	41 min	189	12	10	38	12	102
Sunday	351	10%	2 hr 38 m	155	24	7	31	14	117
Total	3,625	100%	49 min	1,635	122	106	363	113	1,273



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
Debris	728	35%	15 min	186	78	124	340
Traffic Control	402	19%	35 min	132	76	118	76
[Miscellaneous]	377	18%	30 min	138	75	85	79
Welfare Check	242	12%	29 min	79	42	69	52
Abandoned-Tagged	142	7%		68	16	26	32
Flat Tire	76	4%	20 min	32	16	20	8
Fuel	71	3%		18	24	16	13
Jump Start	20	0.97%		6	6	2	6
Motorist Transport	7	0.34%		0	0	6	1
Fluids	3	0.14%		1	0	0	2
Directions	2	0.10%		2	0	0	0
Total	2,070	100%	31 min	662	333	466	609



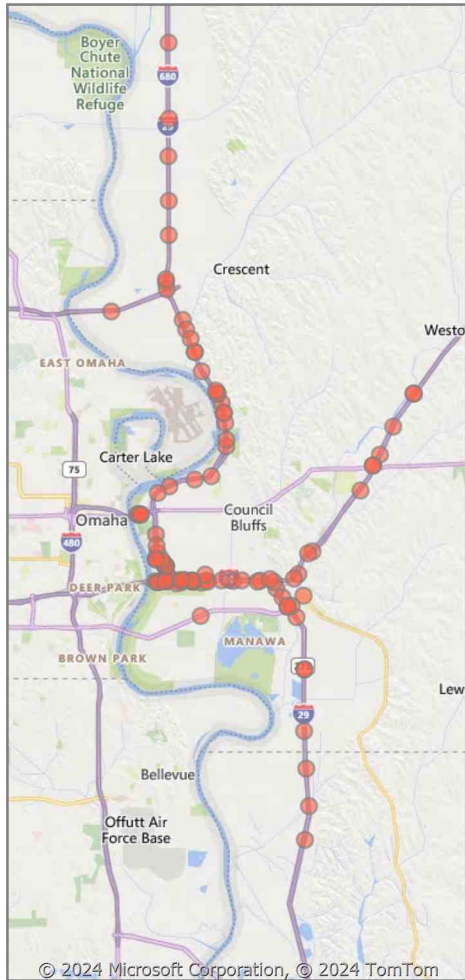
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

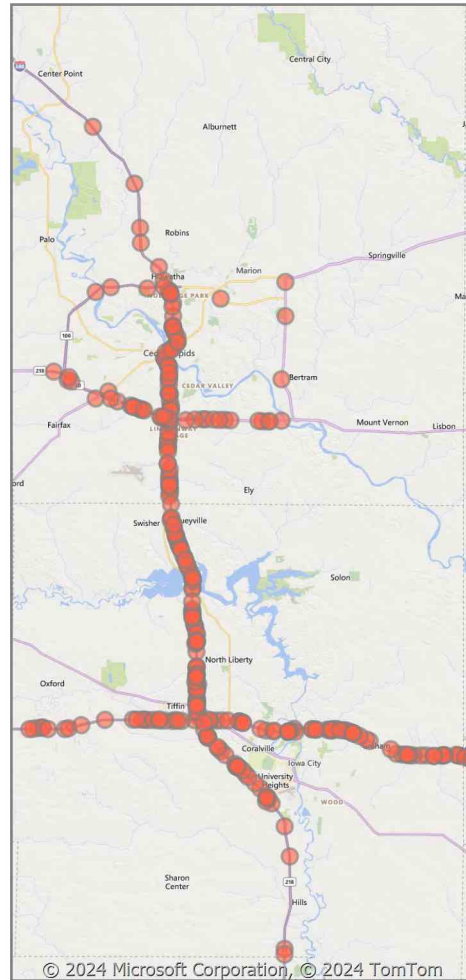
DES MOINES



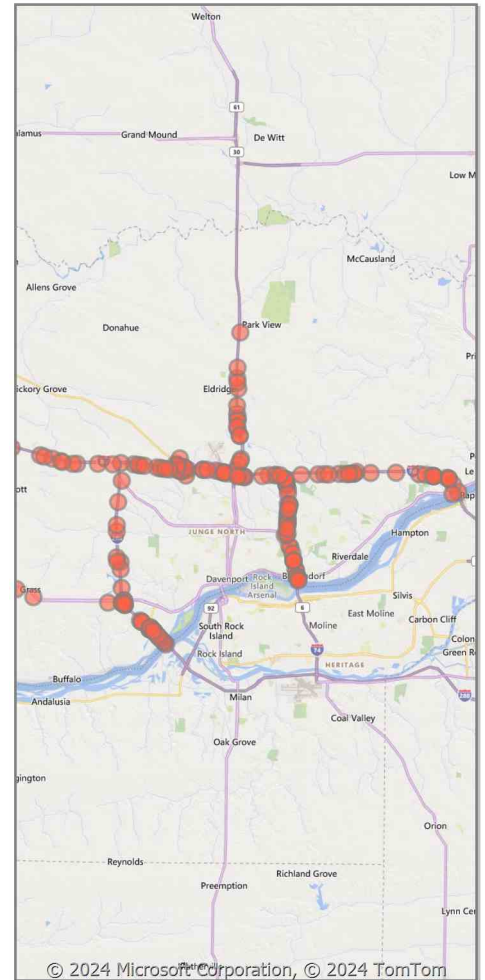
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

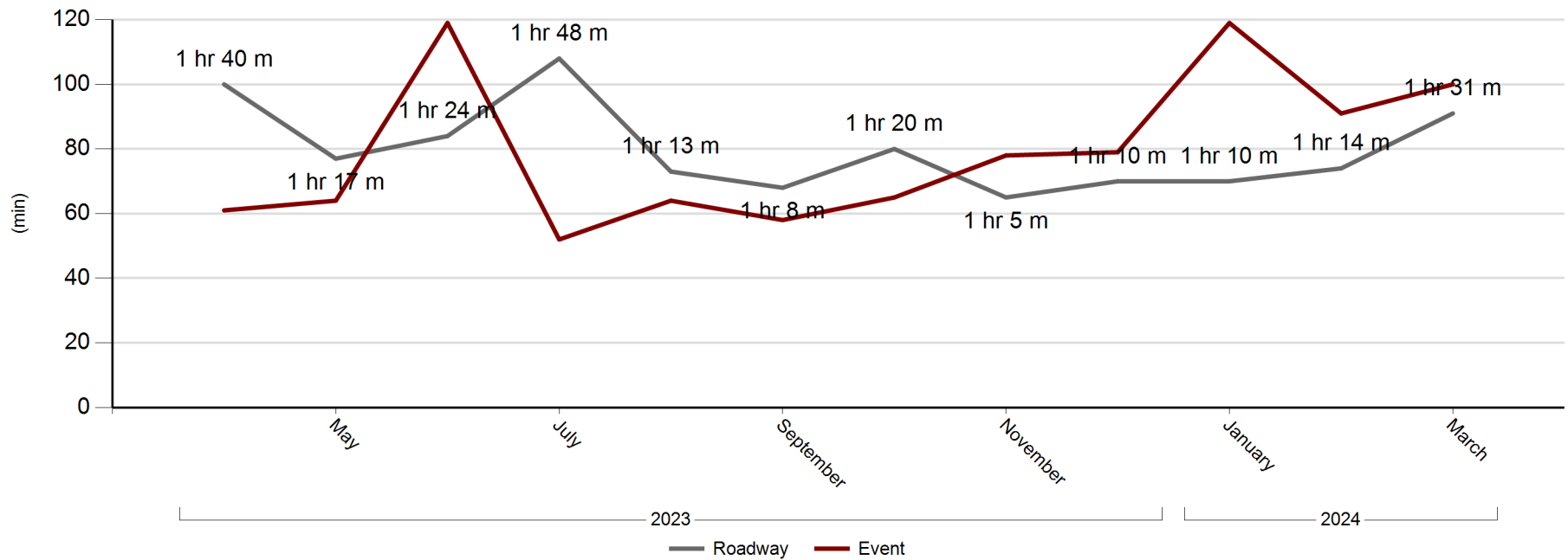


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 40 m	2 hr 24 m	20 min		1 hr 24 m	33 min	1 hr 17 m
	Federal	1 hr 35 m						1 hr 35 m
	Interstate	1 hr 45 m	2 hr 30 m	20 min		1 hr 24 m		59 min
	State	47 min	1 hr 2 m				33 min	
Roadway	All	1 hr 31 m	1 hr 47 m	1 hr 14 m	51 min	1 hr 12 m	42 min	1 hr 39 m
	Federal	2 hr 5 m	39 min	1 hr 6 m	52 min			3 hr 2 m
	Interstate	45 min	32 min	51 min	57 min	1 hr 15 m	47 min	41 min
	State	3 hr 58 m	12 hr 3 m	1 hr 54 m	32 min	28 min	40 min	54 min

All Roads (Interstate / Federal / State)

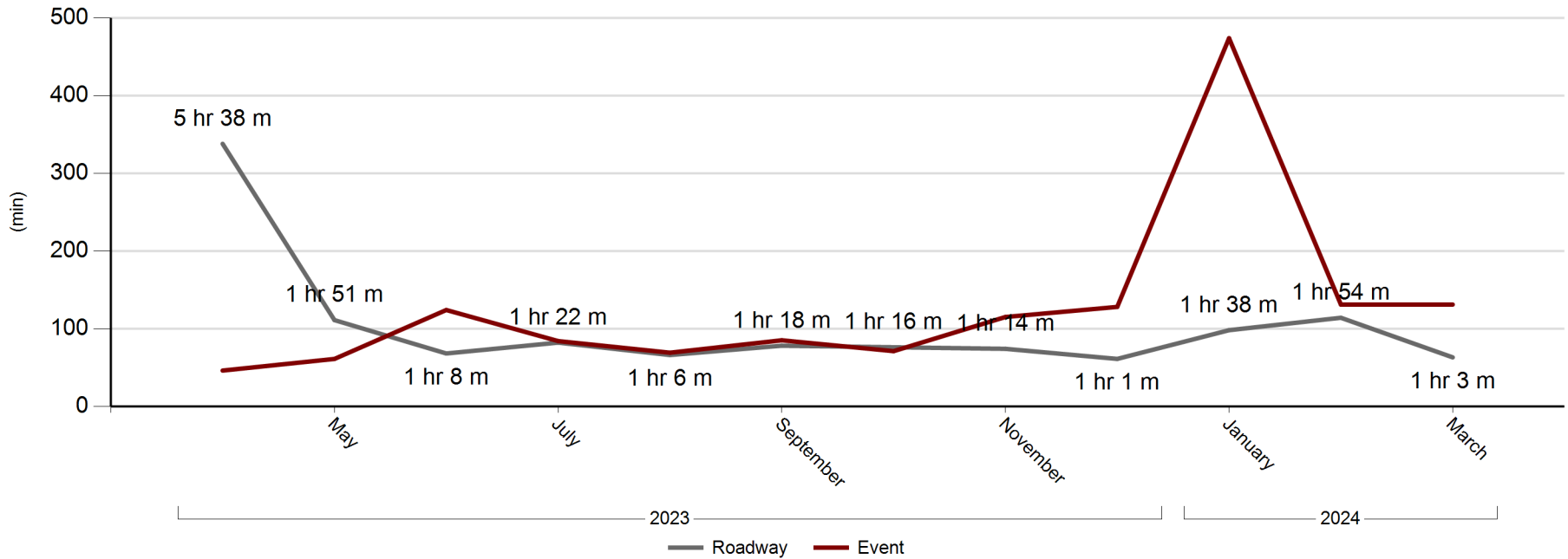


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 11 m	3 hr 35 m	35 min		1 hr 29 m	1 hr 25 m	1 hr 26 m
	Federal	1 hr 4 m				56 min		1 hr 5 m
	Interstate	2 hr 30 m	3 hr 50 m	35 min		1 hr 36 m	2 hr 18 m	1 hr 39 m
	State	48 min	1 hr 9 m				33 min	31 min
Roadway	All	1 hr 3 m	1 hr 8 m	1 hr 9 m	50 min	51 min	51 min	1 hr 4 m
	Federal	1 hr 24 m	1 hr 2 m	55 min	48 min	42 min		1 hr 51 m
	Interstate	41 min	26 min	56 min	50 min	52 min	58 min	49 min
	State	2 hr 34 m	6 hr 11 m	1 hr 54 m	52 min	56 min	40 min	39 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 : 50 min)								
	03/04 11:46 PM	303059	I-380		2	1	3 hr 4 m	Single vehicle crash event on I-380 S @ MM 20.3 in Cedar Rapids.
	03/08 07:14 AM	303467	I-29				3 hr 4 m	Single vehicle crash event on I-29 S @ MM 64.6 (near Crescent).
	03/06 08:52 AM	303233	US-151	1		1	3 hr 56 m	Single vehicle crash event on US-151 N/S @ MM 37 (near Marion).
	03/08 08:20 AM	303481	I-80				2 hr 20 m	Single vehicle crash event on I-80 E @ MM 50.2 (near Walnut).
2 Vehicle Crash (Avg Impact : 2 hr 38 m)								
	03/10 04:54 PM	303723	IA-28		1		2 days	2 vehicle crash event on IA-28 N @ MM 12 in Des Moines.
	03/26 08:29 PM	305807	US-30		1	1	1 day 5 hr 19 m	2 vehicle crash event on US-30 W @ MM 257.5 (near Cedar Rapids).
Stalled Vehicle (Avg Impact : 29 min)								
	03/05 12:55 PM	303131	I-80				3 hr 50 m	Stalled vehicle event on I-80 W @ MM 264 (near Atalissa).
	03/20 11:03 PM	304963	I-80			1	2 hr 14 m	Stalled vehicle event on I-80 E @ MM 137.5 (near Ankeny).
Vehicle Fire (Avg Impact : 47 min)								
	03/16 01:20 PM	304429	I-35			1	2 hr 8 m	Vehicle fire event on I-35 N @ MM 58.5 (near Bevington).