



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

April 2024

This report contains statistical and operational data for TMC activities from the period of April 01, 2024 to April 30, 2024.

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
March	April
3,625	4,025

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
March	April
6	7

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
March	April
129	140

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
March	April
259	228

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
March	April
1 hr 31 m	54 min

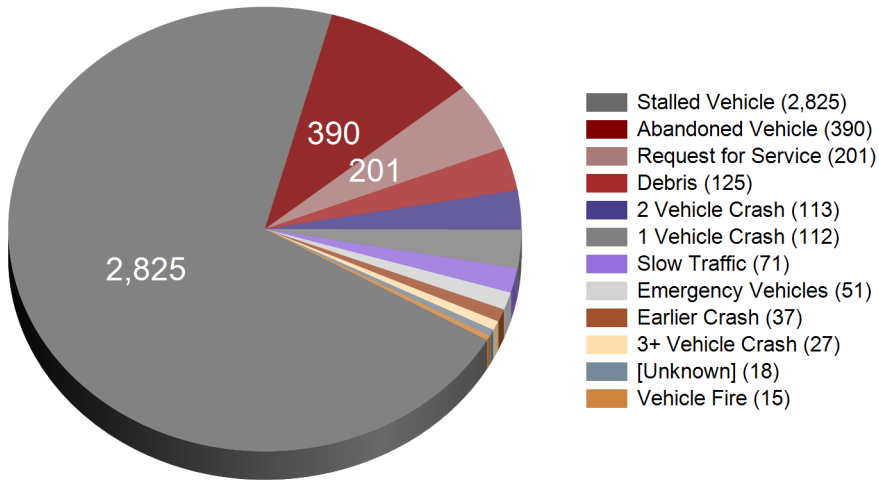
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
March	April
1,233	1,282

* - excludes roadwork

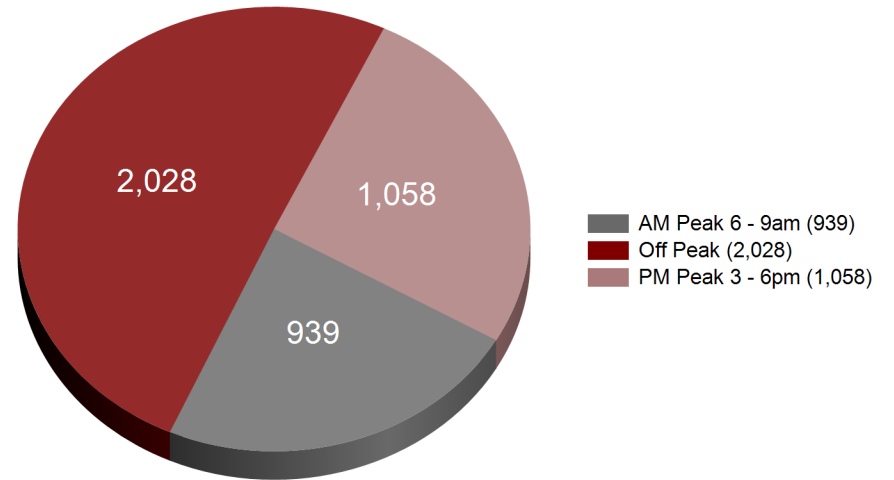
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

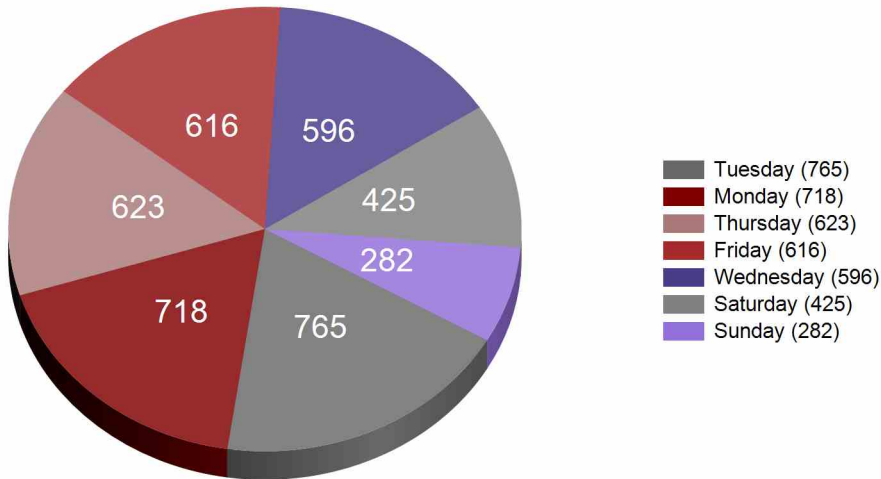
Incidents By Type



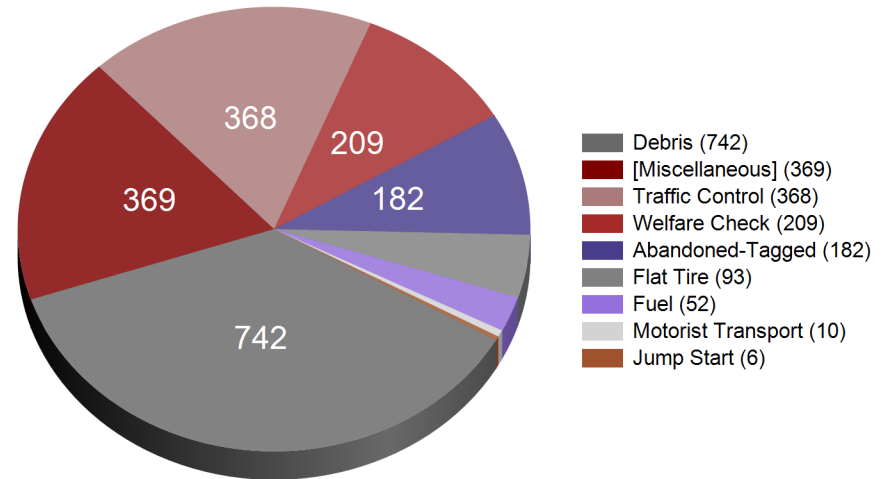
Incidents By Shift



Incidents By Day



Highway Helper Response

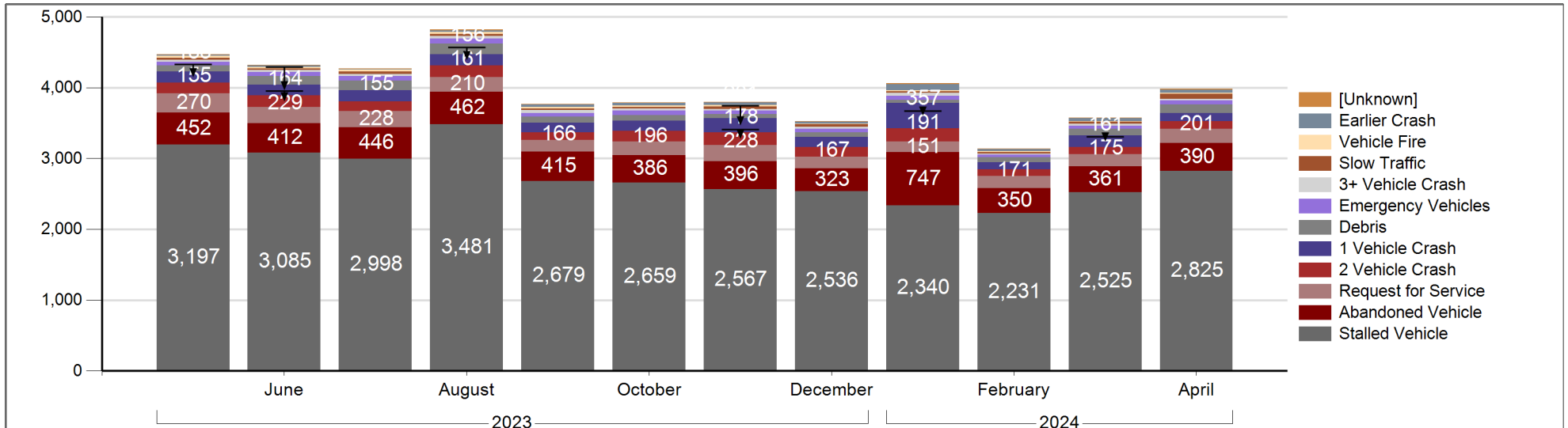


INCIDENT TOTALS BY TYPE

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	2,825	70%	31 min	1,276	91	46	397	73	942
Abandoned Vehicle	390	10%	17 min	190	4	6	40	5	145
Request for Service	201	5%		67	26	23	19	21	45
Debris	125	3%	14 min	66	2	6	10	3	38
2 Vehicle Crash	113	3%	59 min	62	3	4	9	2	33
1 Vehicle Crash	112	3%	49 min	33	7	5	22	8	37
Slow Traffic	71	2%		33	0	0	3	0	35
Emergency Vehicles	51	1%	52 min	24	1	4	5	1	16
Earlier Crash	37	0.92%	4 min	12	6	1	5	5	8
3+ Vehicle Crash	27	0.67%	55 min	16	1	0	4	0	6
[Unknown]	18	0.45%	8 min	1	0	0	7	8	2
Vehicle Fire	15	0.37%	41 min	4	1	0	3	1	6
Total	3,985	100%	50 min	1,784	142	95	524	127	1,313

* - Totals include Highway Helper Incidents

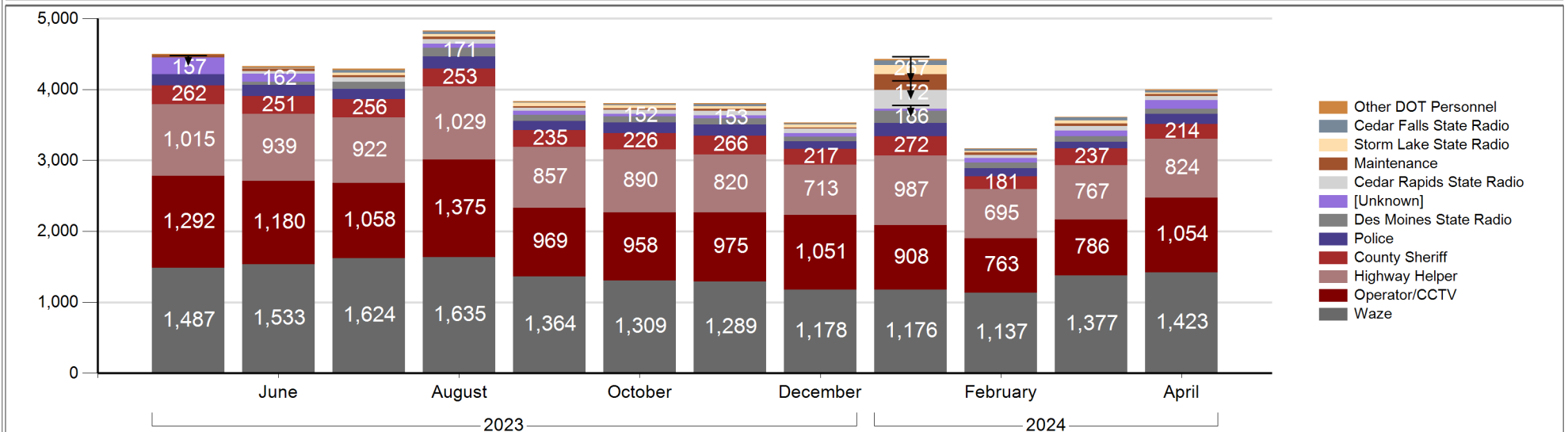


INCIDENT TOTALS BY DETECTION TYPE

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	1,423	35%	669	37	49	161	51	456
Operator/CCTV	1,054	26%	482	47	10	176	26	313
Highway Helper	824	20%	342	0	0	101	4	377
County Sheriff	214	5%	56	30	23	36	28	41
Other	149	4%	53	11	0	27	5	53
Police	139	3%	98	1	6	6	2	26
Des Moines State Radio	74	2%	64	0	0	4	6	0
Cedar Rapids State Radio	55	1%	6	0	0	0	2	47
Cedar Falls State Radio	30	0.75%	8	17	1	0	0	4
Maintenance	27	0.67%	9	1	3	6	1	7
Storm Lake State Radio	22	0.55%	1	0	5	16	0	0
Other DOT Personnel	14	0.35%	7	0	0	2	2	3
Total	4,025	100%	1,795	144	97	535	127	1,327

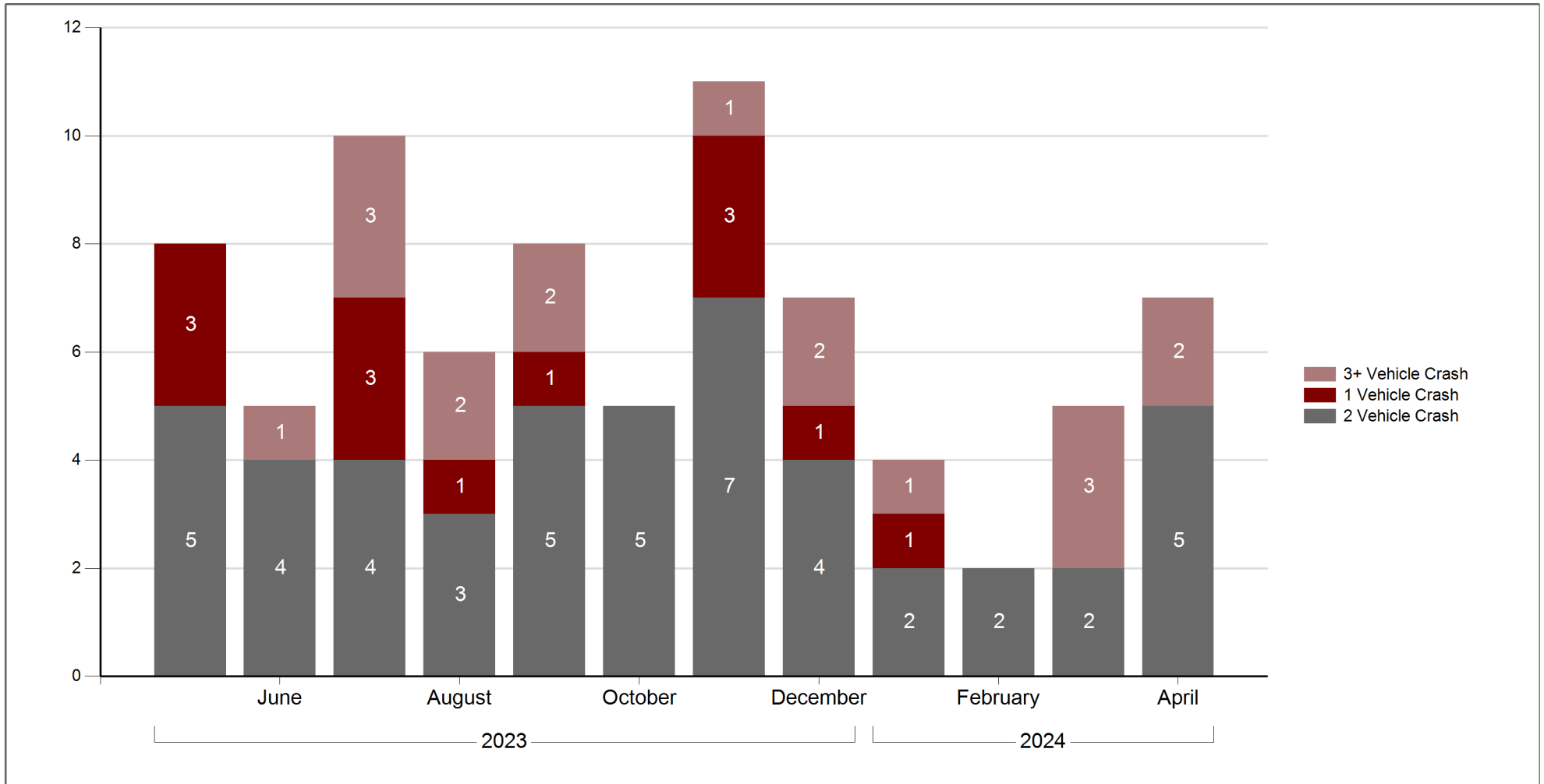
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

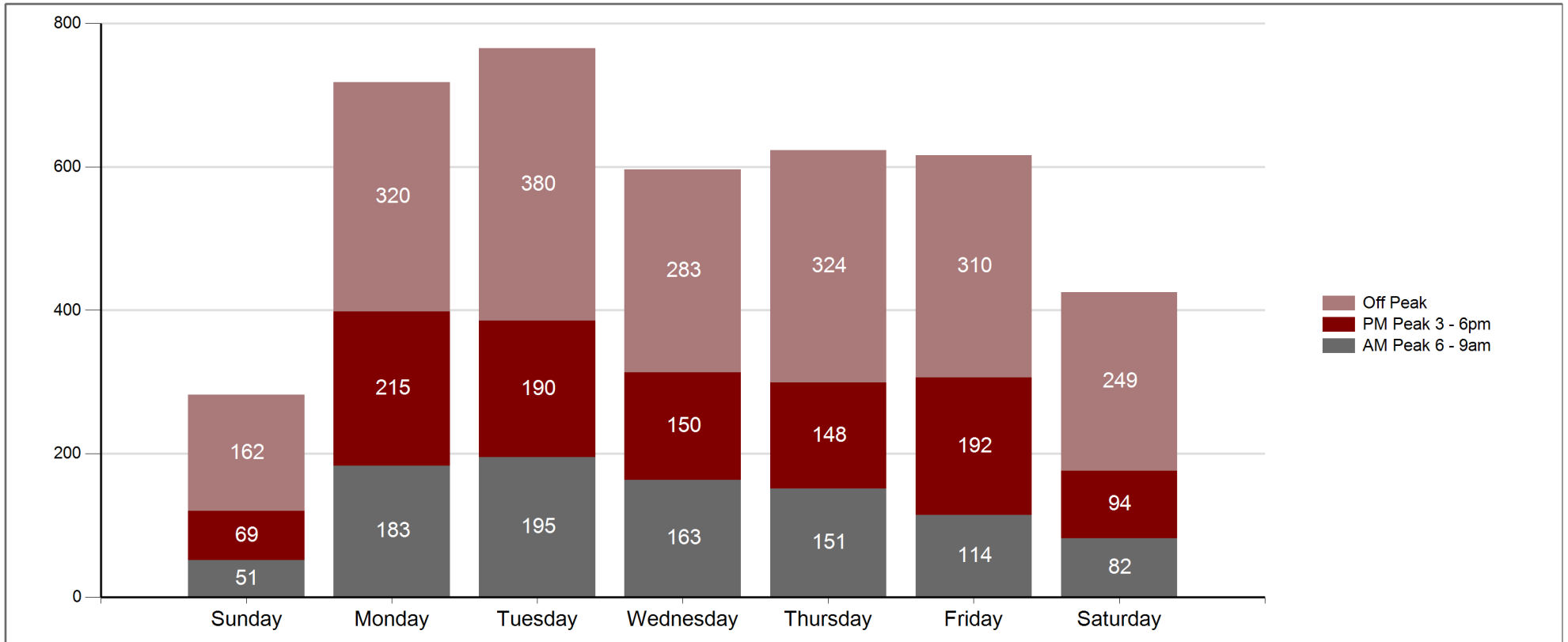
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	71%	23 min	5	0	0	0	0	0
3+ Vehicle Crash	2	29%	28 min	2	0	0	0	0	0
Total	7	100%	26 min	7	0	0	0	0	0



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.

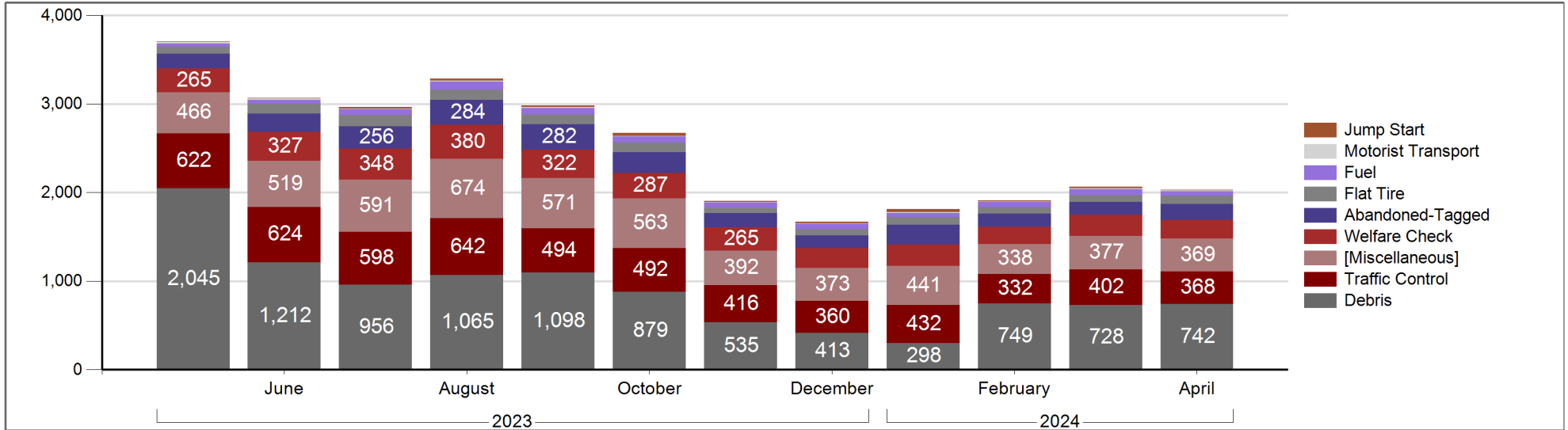
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Tuesday	765	19%	34 min	312	29	13	105	30	276
Monday	718	18%	28 min	319	28	13	76	20	262
Thursday	623	15%	1 hr 8 m	292	18	17	88	14	194
Friday	616	15%	1 hr 9 m	269	21	12	83	23	208
Wednesday	596	15%	44 min	275	24	17	71	15	194
Saturday	425	11%	1 hr 23 m	185	15	13	82	14	116
Sunday	282	7%	1 hr 19 m	143	9	12	30	11	77
Total	4,025	100%	34 min	1,795	144	97	535	127	1,327



HIGHWAY HELPER RESPONSES

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

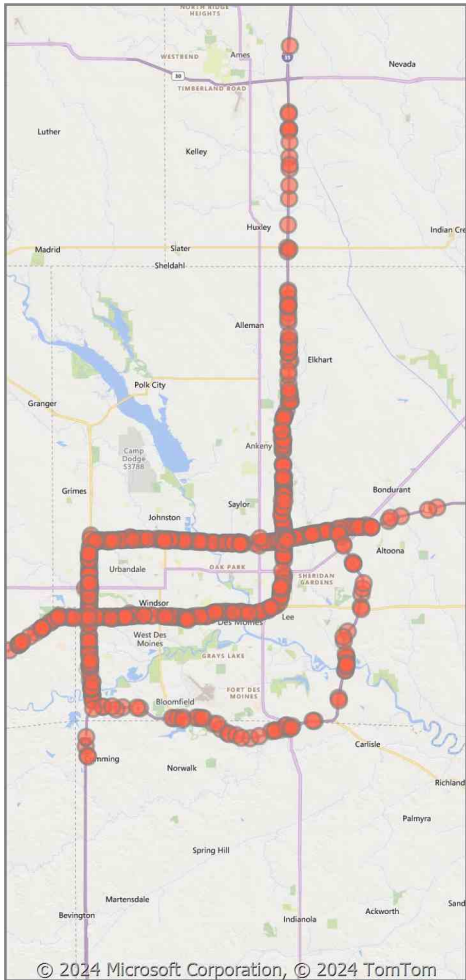
Type	Total	%	Avg Impact	Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	742	37%	13 min	287	108	122	225
[Miscellaneous]	369	18%	32 min	127	53	73	116
Traffic Control	368	18%	35 min	122	64	64	118
Welfare Check	209	10%	18 min	76	34	40	59
Abandoned-Tagged	182	9%	9 min	54	34	30	64
Flat Tire	93	5%		29	8	26	30
Fuel	52	3%		26	8	10	8
Motorist Transport	10	0.49%	12 min	1	1	3	5
Jump Start	6	0.30%		2	0	0	4
Total	2,031	100%	30 min	724	310	368	629



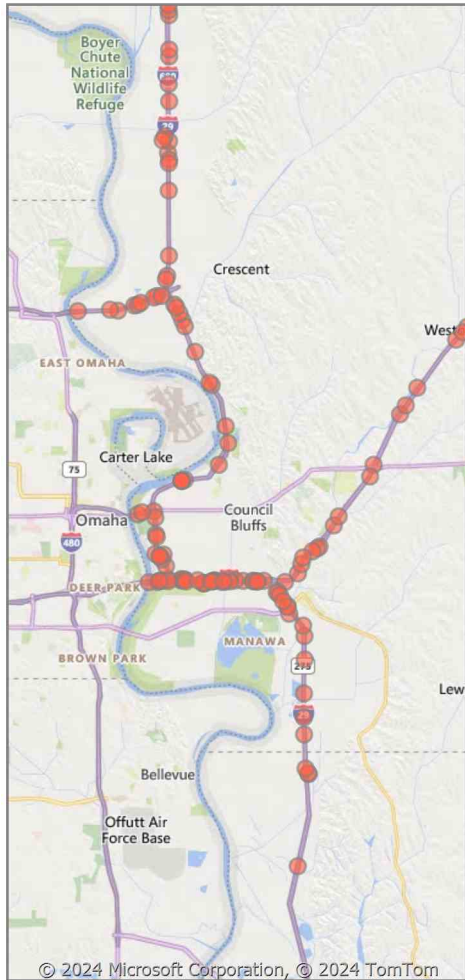
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



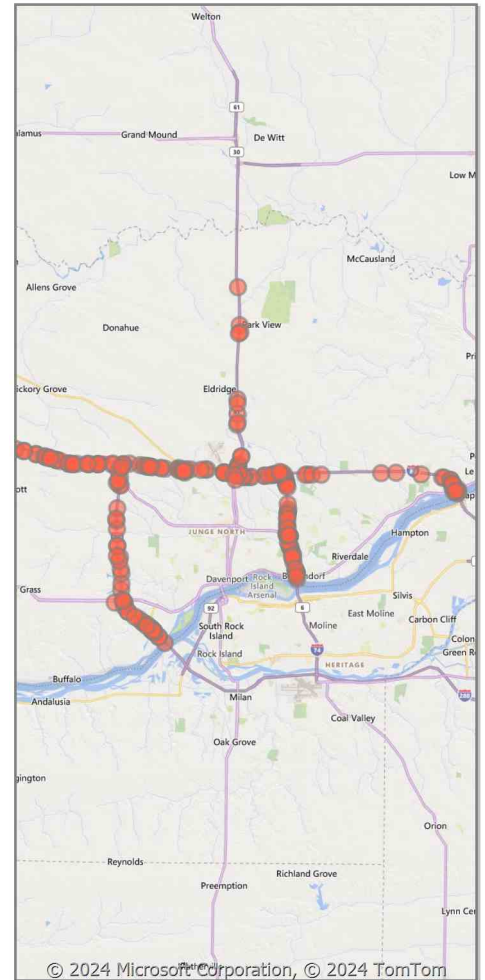
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

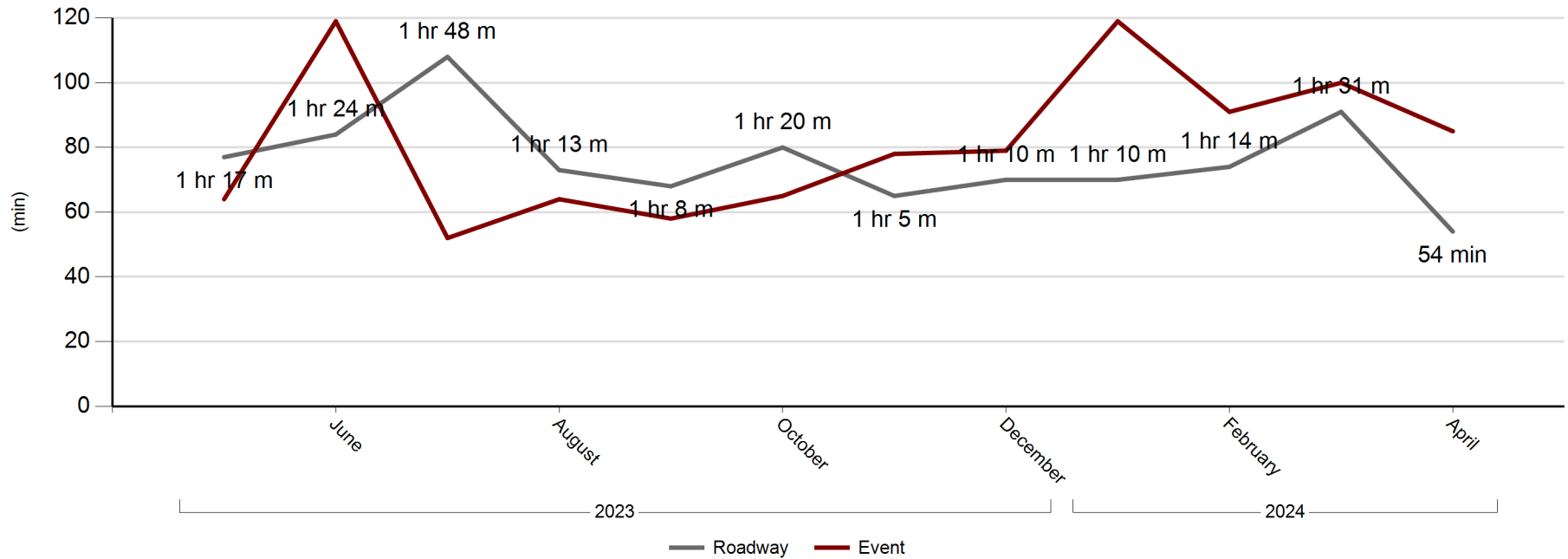


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 25 m	2 hr 2 m			51 min		45 min
	Federal	26 min				29 min		24 min
	Interstate	1 hr 36 m	2 hr 7 m			1 hr 14 m		45 min
	State	1 hr 9 m	48 min					1 hr 30 m
Roadway	All	54 min	38 min	2 hr 16 m	1 hr 22 m	1 hr 2 m	1 hr 22 m	51 min
	Federal	1 hr 11 m	39 min	1 hr 40 m	1 hr 23 m	1 hr 10 m	57 min	1 hr 5 m
	Interstate	49 min	38 min	2 hr 51 m		56 min	1 hr 48 m	42 min
	State	54 min	48 min		1 hr 19 m			48 min

All Roads (Interstate / Federal / State)

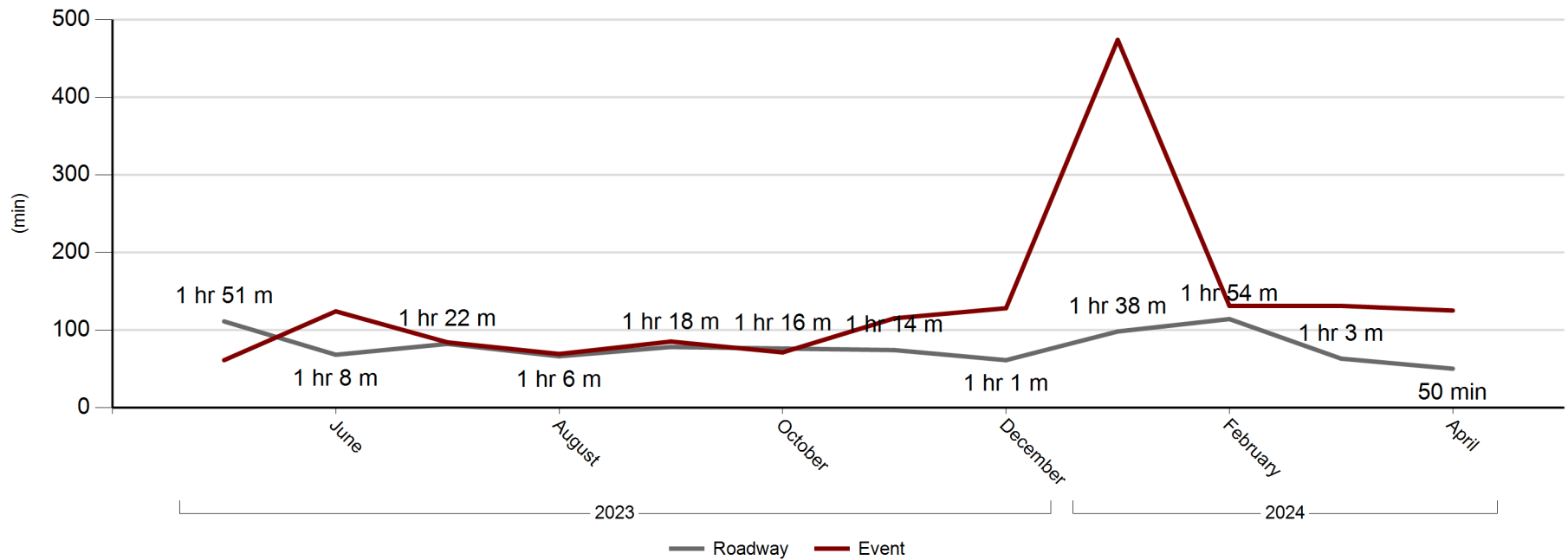


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 5 m	2 hr 32 m	54 min		1 hr 11 m	32 min	1 hr 58 m
	Federal	20 min	9 min	54 min		22 min		16 min
	Interstate	2 hr 23 m	2 hr 39 m			1 hr 33 m	32 min	2 hr 23 m
	State	1 hr 9 m	48 min					1 hr 30 m
Roadway	All	50 min	35 min	1 hr 52 m	1 hr 8 m	1 hr 46 m	1 hr 5 m	33 min
	Federal	1 hr 3 m	32 min	1 hr 22 m	1 hr 31 m	2 hr 4 m	1 hr 22 m	38 min
	Interstate	47 min	36 min	2 hr 38 m	28 min	1 hr 40 m	53 min	31 min
	State	36 min	25 min	3 min	58 min			48 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 : 49 min)								
	04/06 12:08 AM	307147	I-35			1	4 hr 2 m	Single vehicle crash event on I-35 N @ MM 195.9 (near Clear Lake).
	04/19 08:15 PM	309055	US-20		2		2 hr 40 m	Single vehicle crash event on US-20 E @ MM 241.2 (near Raymond).
	04/19 05:09 AM	308911	I-35				3 hr 5 m	Single vehicle crash event on I-35 S @ MM 10 (near Decatur City).
2 Vehicle Crash (Avg Impact : 59 min)								
	04/10 03:37 PM	307736	US-20	1			3 hr 38 m	2 vehicle crash event on US-20 E @ MM 1.3 in Sioux City.
	04/10 02:51 PM	307729	US-71	1		1	2 hr 31 m	2 vehicle crash event on US-71 S @ MM 82.8 (near Audubon).
	04/28 07:42 PM	310230	US-30		1		4 hr 38 m	2 vehicle crash event on US-30 E @ MM 330.9 (near Clinton).
	04/28 10:07 PM	310237	I-80	1		1	2 hr 42 m	2 vehicle crash event on I-80 E @ MM 288 (near Davenport).
	04/27 11:35 PM	310157	I-35	1	1	1	4 hr 11 m	2 vehicle crash event on I-35 S @ MM 194.2 in Clear Lake.
3+ Vehicle Crash (Avg Impact : 55 min)								
	04/26 07:48 PM	310027	I-80			4	2 hr 37 m	3+ vehicle crash event on I-80 E @ MM 27.4 (near Minden).
Emergency Repairs (Avg Impact : 1 hr 35 m)								
	04/05 12:15 PM	307038	US-30				3 hr 56 m	Emergency repairs event on US-30 W @ MM 54.5 in Denison.
Emergency Vehicles (Avg Impact : 52 min)								
	04/19 03:40 AM	308910	US-59				6 hr 43 m	Emergency vehicles event on US-59 N/S @ MM 57 in Hancock.
Grass Fire (Avg Impact : 4 hr 4 m)								
	04/11 07:18 PM	307920	I-29				14 hr 51 m	Grass fire event on I-29 S @ MM 57.5 (near Council Bluffs).
Stalled Vehicle (Avg Impact : 31 min)								
	04/24 05:23 AM	309543	I-280			1	2 hr 48 m	Stalled vehicle event on I-280 E @ MM 7.6 in Davenport.
	04/18 09:10 AM	308806	US-69				3 hr 28 m	Stalled vehicle event on US-69 S @ MM 49.5 (near New Virginia).