



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

February 2024

This report contains statistical and operational data for TMC activities from the period of February 01, 2024 to February 29, 2024.

Executive Summary

TOTAL INCIDENTS	
The total number of incidents during the period. *	
Previous	Current
January	February
4,491	3,189

TOTAL SECONDARY INCIDENTS	
Crashes that occur within the original incident scene or resulting queue.	
Previous	Current
January	February
5	2

TOTAL MULTI-VEHICLE INCIDENTS	
The total number of multi-vehicle incidents during the period.	
Previous	Current
January	February
235	111

LANE BLOCKAGE INCIDENTS	
The total number of incidents which resulted in at least one blocked lane of travel.*	
Previous	Current
January	February
634	197

AVERAGE CLEARANCE TIME	
The average time for all lanes to be cleared after a crash.	
Previous	Current
January	February
1 hr 10 m	1 hr 14 m

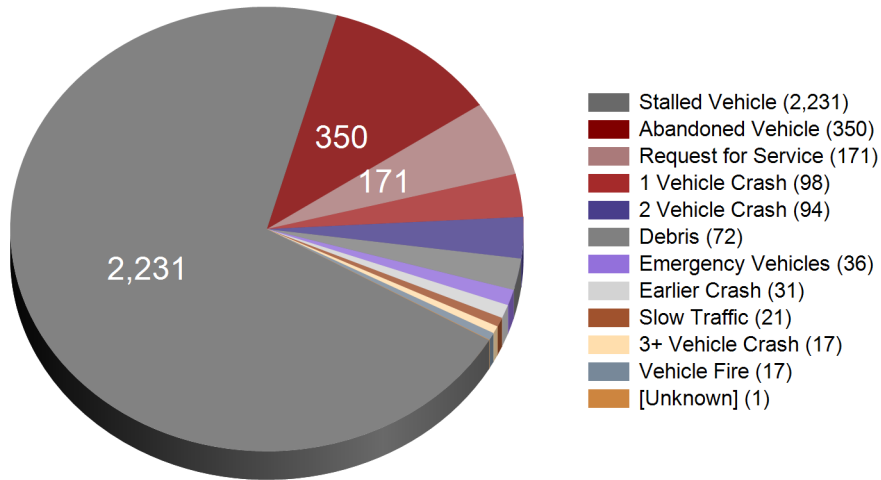
TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents Highway Helper responded to during the period.	
Previous	Current
January	February
1,336	1,145

* - excludes roadwork

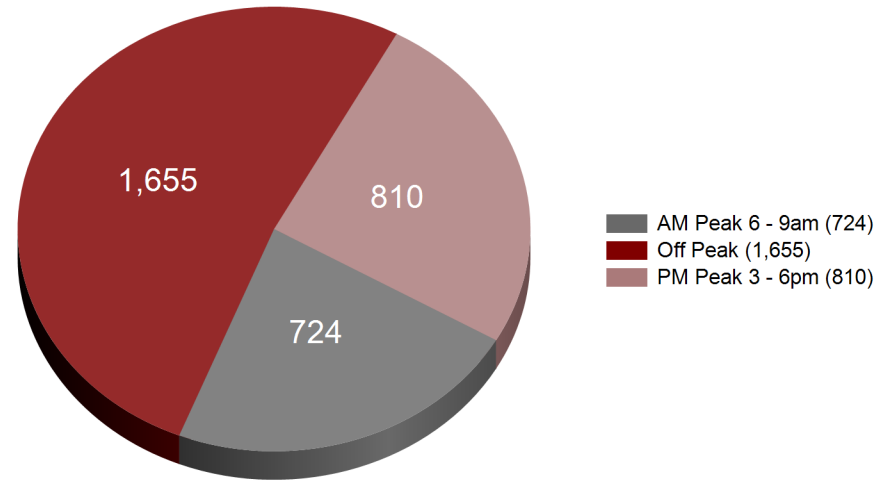
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

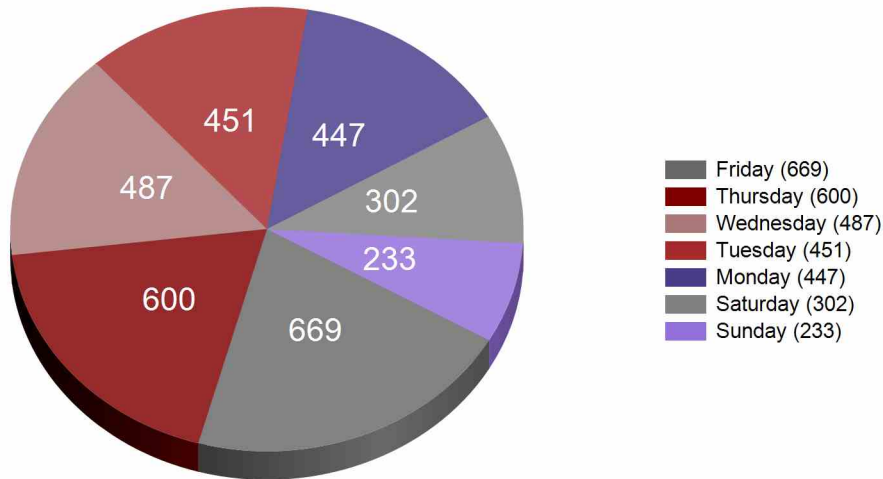
Incidents By Type



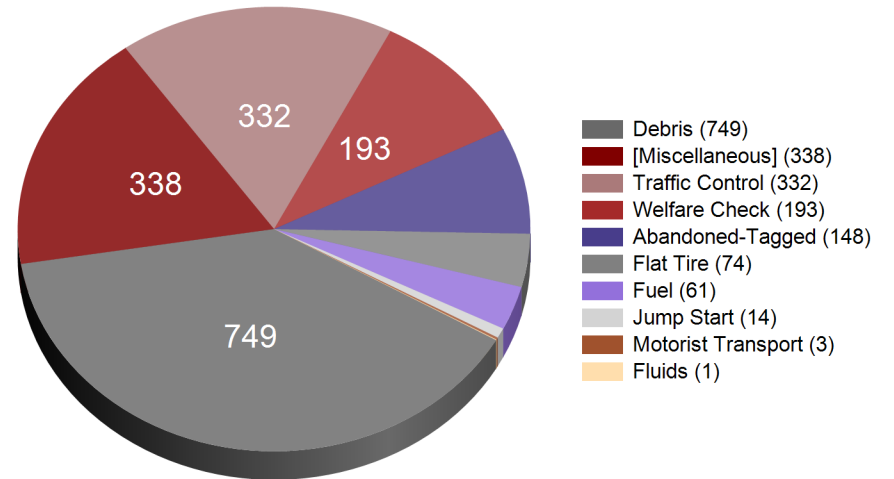
Incidents By Shift



Incidents By Day



Highway Helper Response

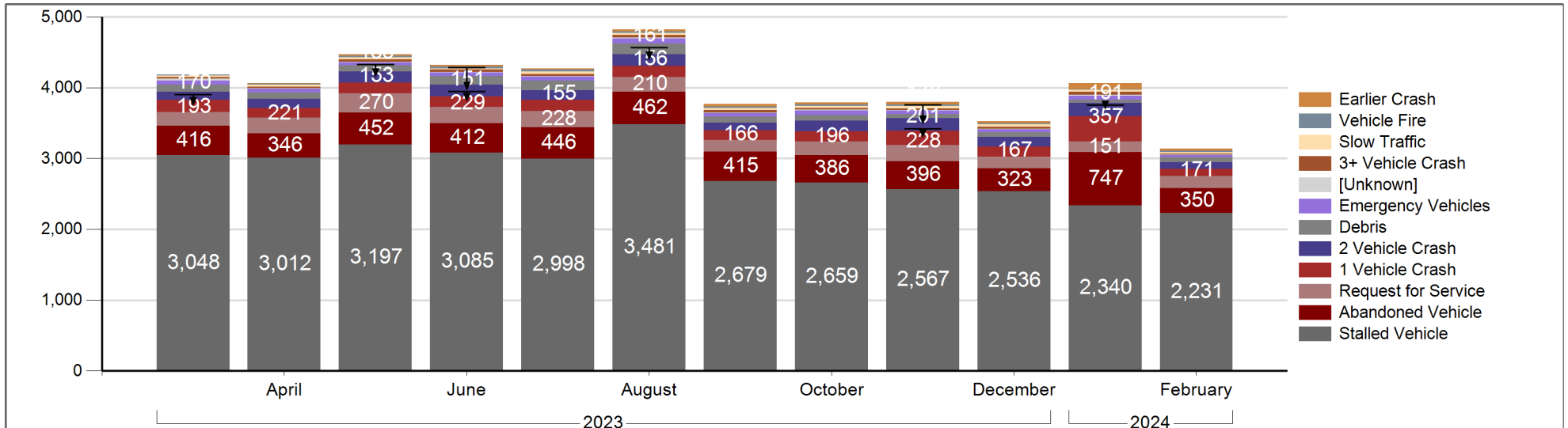


INCIDENT TOTALS BY TYPE

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	2,231	70%	33 min	1,131	37	26	234	40	763
Abandoned Vehicle	350	11%	10 min	188	3	6	30	9	114
Request for Service	171	5%		52	21	29	22	16	31
1 Vehicle Crash	98	3%	1 hr 40 m	44	4	4	16	9	21
2 Vehicle Crash	94	3%	55 min	50	5	7	3	8	21
Debris	72	2%	9 min	46	0	1	8	1	16
Emergency Vehicles	36	1%	45 min	19	1	2	5	0	9
Earlier Crash	31	0.98%		4	3	4	3	6	11
Slow Traffic	21	0.66%		8	0	0	3	0	10
3+ Vehicle Crash	17	0.53%	1 hr 13 m	8	0	0	2	2	5
Vehicle Fire	17	0.53%	34 min	8	1	1	0	1	6
Towing Operation	11	0.35%	2 hr 16 m	4	0	0	3	0	4
Total	3,149	100%	1 hr 54 m	1,562	75	80	329	92	1,011

* - Totals include Highway Helper Incidents

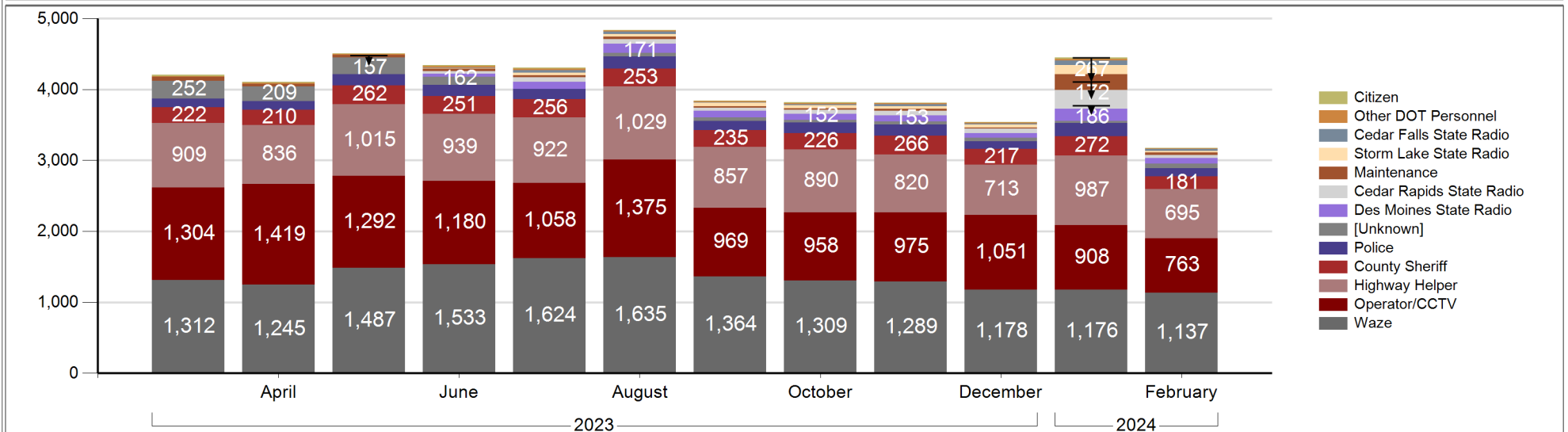


INCIDENT TOTALS BY DETECTION TYPE

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	1,137	36%	575	19	27	138	36	342
Operator/CCTV	763	24%	421	22	3	52	8	257
Highway Helper	695	22%	313	0	0	78	5	299
County Sheriff	181	6%	42	23	30	20	25	41
Police	114	4%	77	3	8	8	2	16
Other	86	3%	42	2	2	8	3	29
Des Moines State Radio	80	3%	51	0	0	9	9	0
Cedar Rapids State Radio	41	1%	8	0	0	0	3	30
Maintenance	34	1%	20	1	1	6	3	3
Storm Lake State Radio	25	0.78%	0	0	8	17	0	0
Cedar Falls State Radio	24	0.75%	12	8	1	0	0	3
Citizen	9	0.28%	6	0	0	0	1	2
Total	3,189	100%	1,567	78	80	336	95	1,022

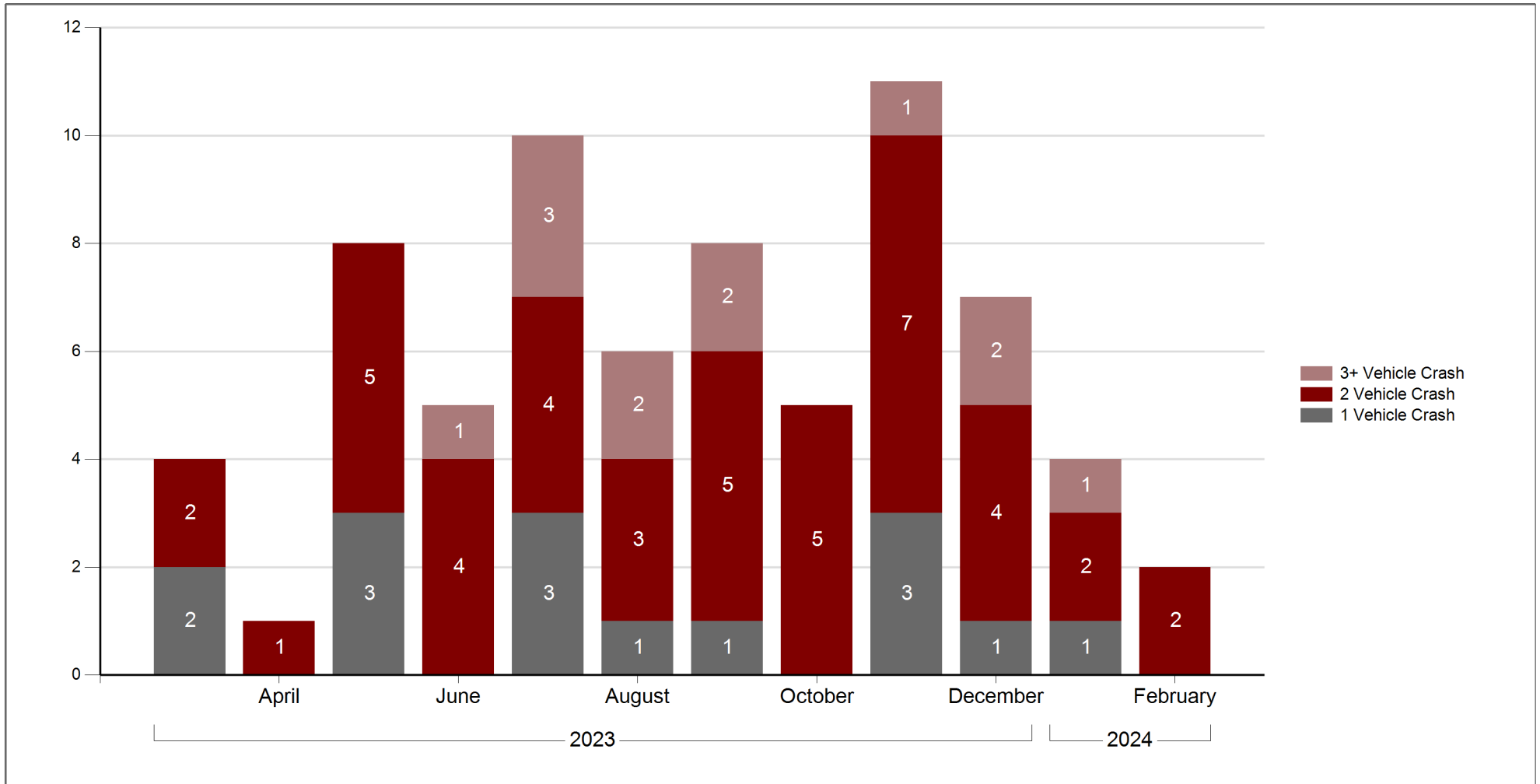
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

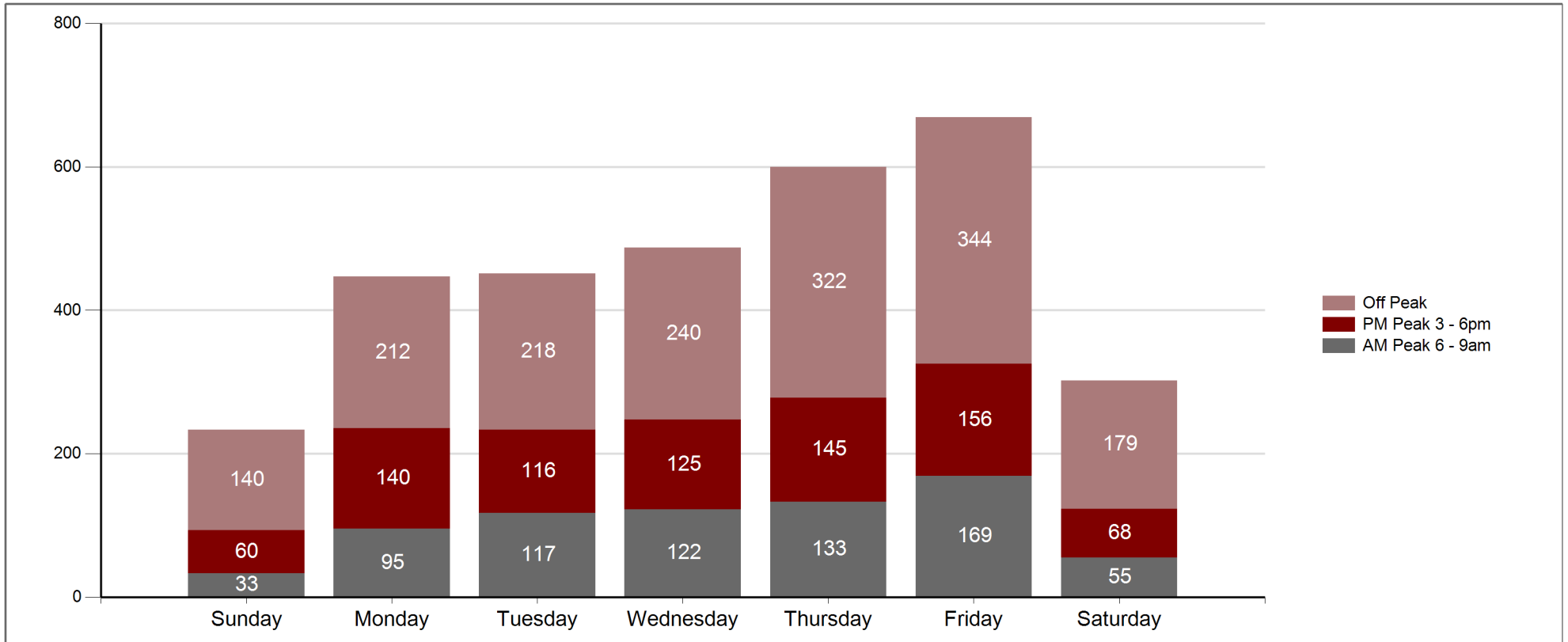
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	2	100%	8 min	1	0	0	0	0	1
Total	2	100%	8 min	1	0	0	0	0	1



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.

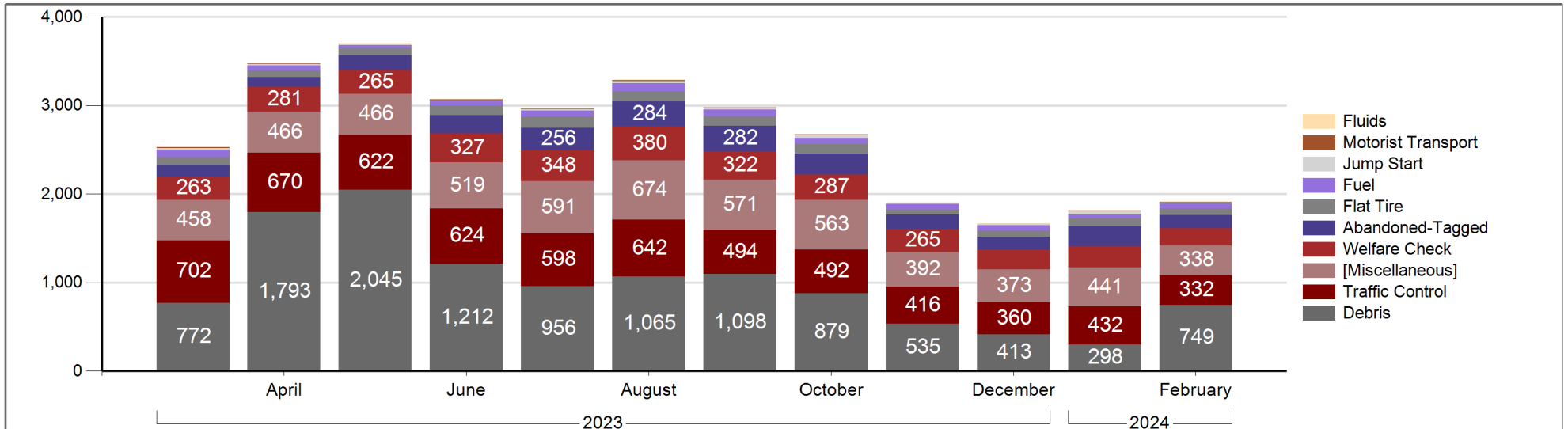
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	669	21%	56 min	332	23	25	72	19	187
Thursday	600	19%	48 min	279	8	10	65	14	224
Wednesday	487	15%	58 min	232	12	8	56	13	166
Tuesday	451	14%	54 min	226	5	16	38	11	155
Monday	447	14%	37 min	225	12	13	44	13	140
Saturday	302	9%	8 hr 27 m	159	9	3	35	14	82
Sunday	233	7%	10 hr 35 m	114	9	5	26	11	68
Total	3,189	100%	56 min	1,567	78	80	336	95	1,022



HIGHWAY HELPER RESPONSES

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

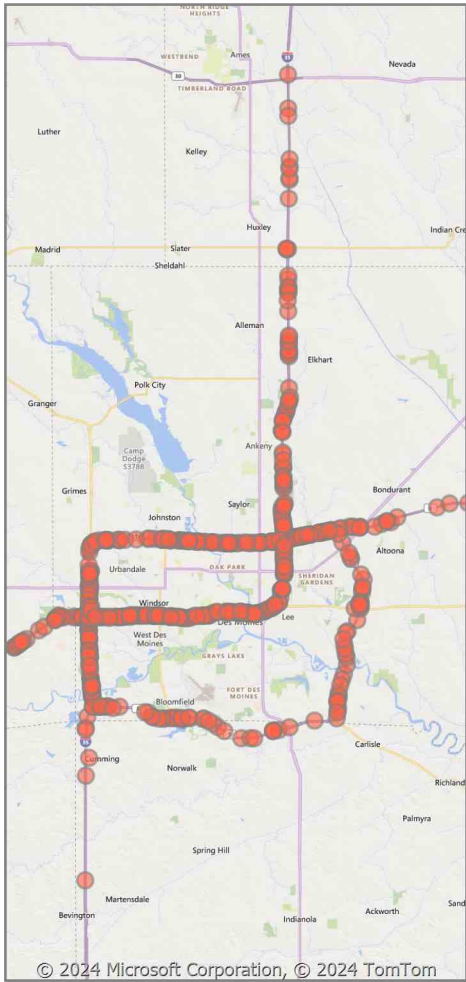
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	749	39%	19 min		314	61	96	278
[Miscellaneous]	338	18%	1 hr 4 m		119	59	83	77
Traffic Control	332	17%	48 min		90	56	102	84
Welfare Check	193	10%	1 hr		59	35	52	47
Abandoned-Tagged	148	8%			82	16	30	20
Flat Tire	74	4%	59 min		26	18	16	14
Fuel	61	3%	6 min		22	6	12	21
Jump Start	14	0.73%			6	2	2	4
Motorist Transport	3	0.16%			1	0	1	1
Fluids	1	0.05%			0	0	0	1
Total	1,913	100%	53 min		719	253	394	547



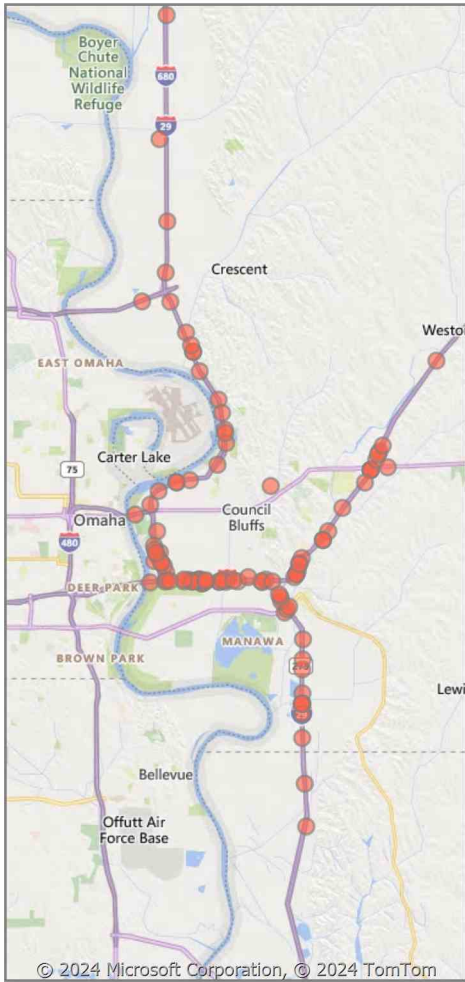
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



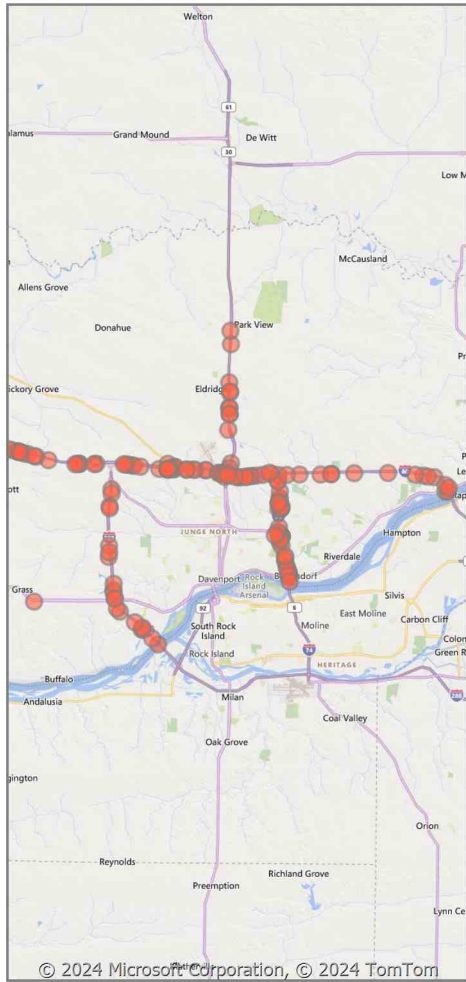
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

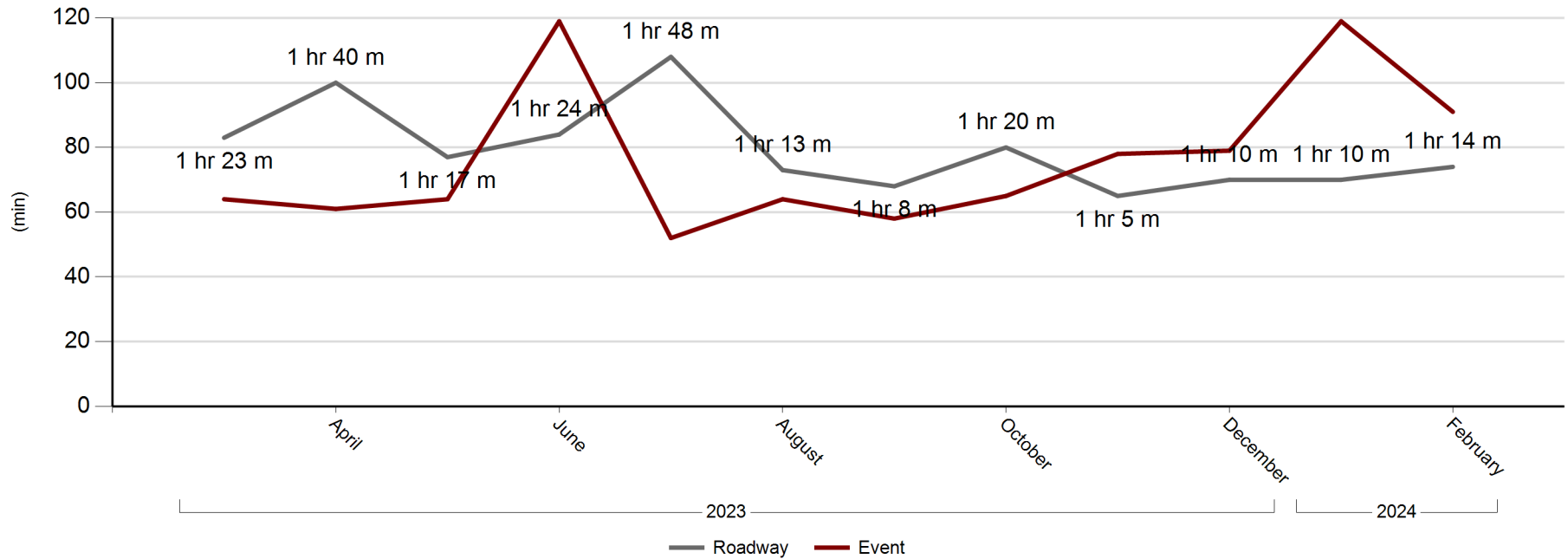


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 31 m	2 hr 15 m		20 min	1 hr 36 m	1 hr 48 m	35 min
	Federal	7 hr 11 m	1 day 50 min				1 hr 48 m	1 hr 3 m
	Interstate	42 min	45 min		20 min	1 hr 36 m		30 min
	State							
Roadway	All	1 hr 14 m	59 min	1 hr 24 m	1 hr 13 m	1 hr 52 m	2 hr 16 m	59 min
	Federal	1 hr 32 m	1 hr 30 m	1 hr 25 m	1 hr 3 m	1 hr 21 m	4 hr 48 m	51 min
	Interstate	1 hr 2 m	48 min	1 hr 23 m	21 min	2 hr 3 m	1 hr 6 m	1 hr
	State	1 hr 47 m	1 hr 33 m		1 hr 43 m		2 hr 41 m	1 hr 14 m

All Roads (Interstate / Federal / State)

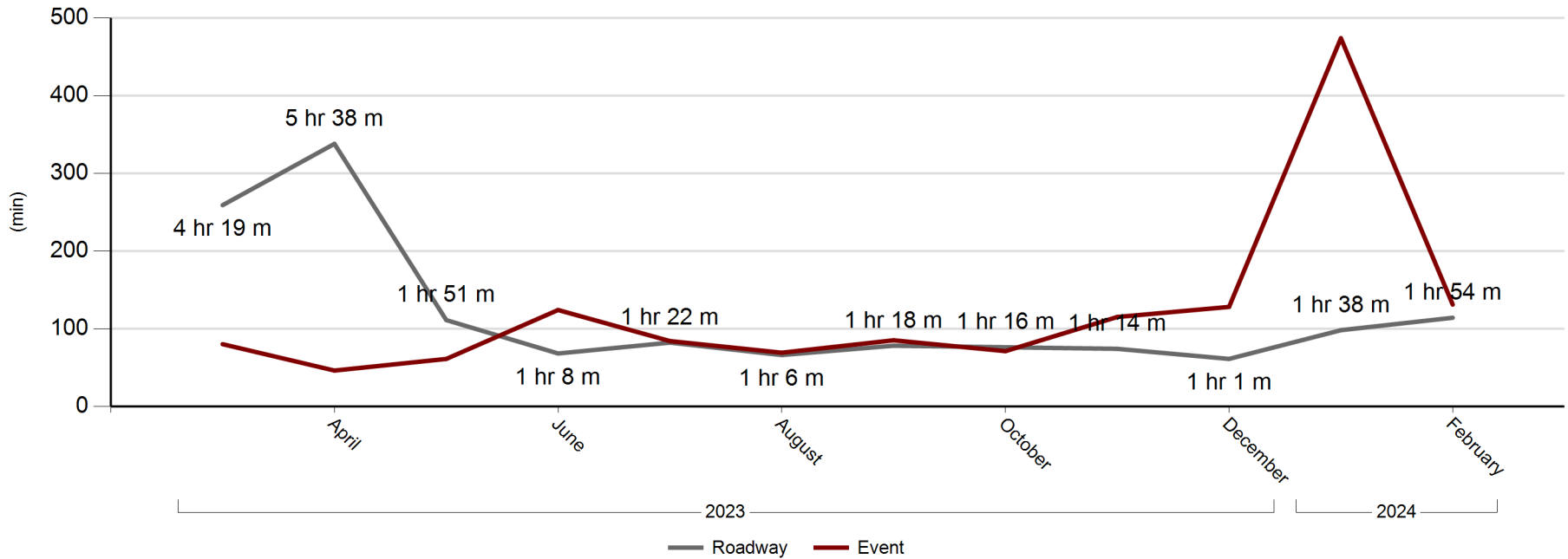


INCIDENT CLEARANCE TIMES (ALL TYPES)

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	2 hr 11 m	2 hr 16 m		20 min	1 hr 7 m	1 hr 48 m	2 hr 31 m
	Federal	3 hr 19 m	6 hr 16 m				1 hr 48 m	1 hr 15 m
	Interstate	2 hr 7 m	1 hr 57 m		20 min	1 hr 10 m		2 hr 53 m
	State	47 min	40 min			39 min		1 hr 19 m
Roadway	All	1 hr 54 m	39 min	22 hr 57 m	1 hr 9 m	1 hr 19 m	2 hr 29 m	46 min
	Federal	1 hr 9 m	56 min	1 hr 8 m	57 min	1 hr 21 m	4 hr 48 m	48 min
	Interstate	44 min	34 min	44 min	23 min	1 hr 21 m	1 hr 6 m	42 min
	State	9 hr 34 m	42 min	4 days	1 hr 50 m	39 min	3 hr 15 m	1 hr 16 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 40 m)								
	02/06 06:31 AM	299812	US-63		1	1	8 hr 47 m	Single vehicle crash event on US-63 N @ MM 35 (near Ottumwa).
	02/23 06:57 PM	301918	US-69		1		4 hr 7 m	Single vehicle crash event on US-69 N @ MM 84.6 in Des Moines.
	02/23 03:10 AM	301786	I-380			1	9 hr 39 m	Single vehicle crash event on I-380 S @ MM 50.6 (near Mount Auburn).
	02/28 01:46 PM	302438	I-880		1	1	5 hr 12 m	Single vehicle crash event on I-880 W @ MM 15.1 (near Neola).
2 Vehicle Crash (Avg Impact : 55 min)								
	02/01 07:10 AM	299242	IA-330	1	1		2 hr 14 m	2 vehicle crash event on IA-330 N @ MM 17.6 (near Melbourne).
	02/02 01:19 PM	299439	IA-37		1	1	2 hr 51 m	2 vehicle crash event on IA-37 E @ MM 10.1 in Soldier.
	02/18 04:40 PM	301292	I-80	1	2		5 hr 41 m	2 vehicle crash event on I-80 W @ MM 122.6 in West Des Moines.
	02/05 06:12 AM	299682	US-6	1			3 hr 7 m	2 vehicle crash event on US-6 E/W @ MM 46 (near Lewis).
	02/16 08:18 PM	301160	IA-1		1		2 hr 30 m	2 vehicle crash event on IA-1 S @ MM 64.3 (near Kalona).
3+ Vehicle Crash (Avg Impact : 1 hr 13 m)								
	02/16 05:22 AM	300960	I-80				6 hr 3 m	3+ vehicle crash event on I-80 E/W @ MM 110.5 (near De Soto).
Grass Fire (Avg Impact : 1 hr 19 m)								
	02/08 12:28 PM	300093	IA-2				4 hr 24 m	Grass fire event on IA-2 E @ MM 158.7 (near Promise City).