



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

June 2023

This report contains statistical and operational data for TMC activities from the period of June 01, 2023 to June 30, 2023.

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
May	June	May	June	May	June
4,518	4,355	8	5	187	197

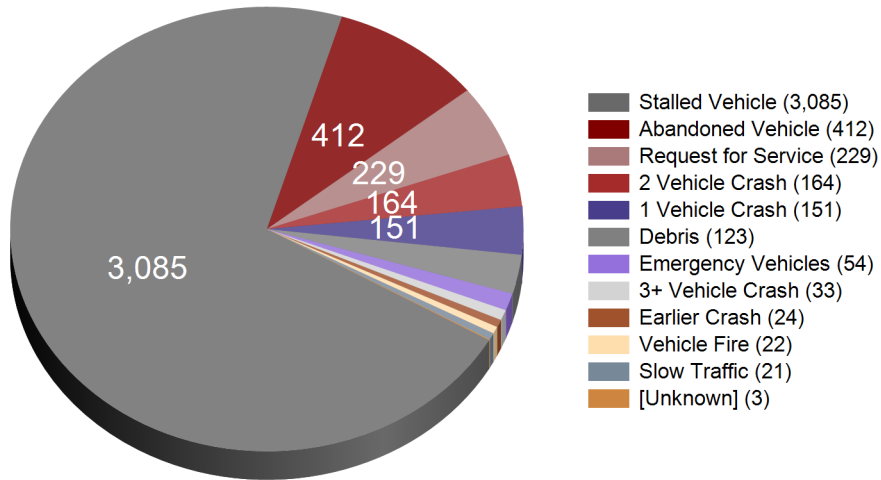
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
May	June	May	June	May	June
288	328	1 hr 17 m	1 hr 24 m	1,489	1,482

* - excludes roadwork

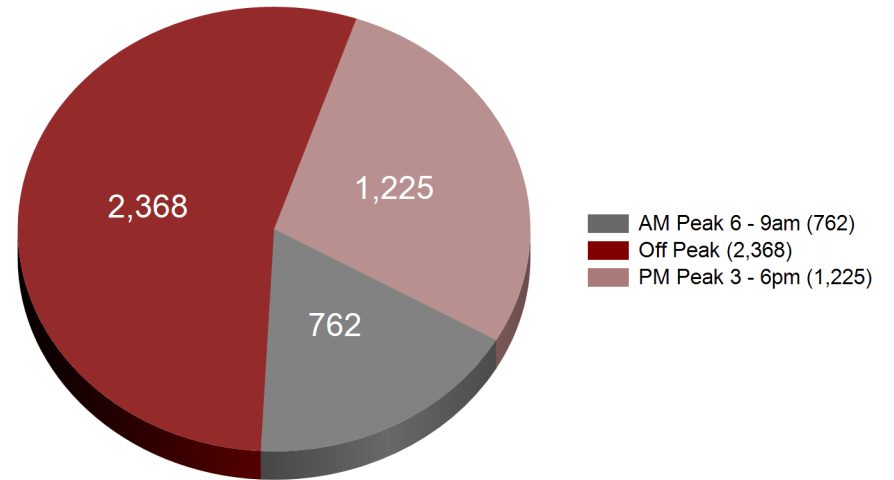
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

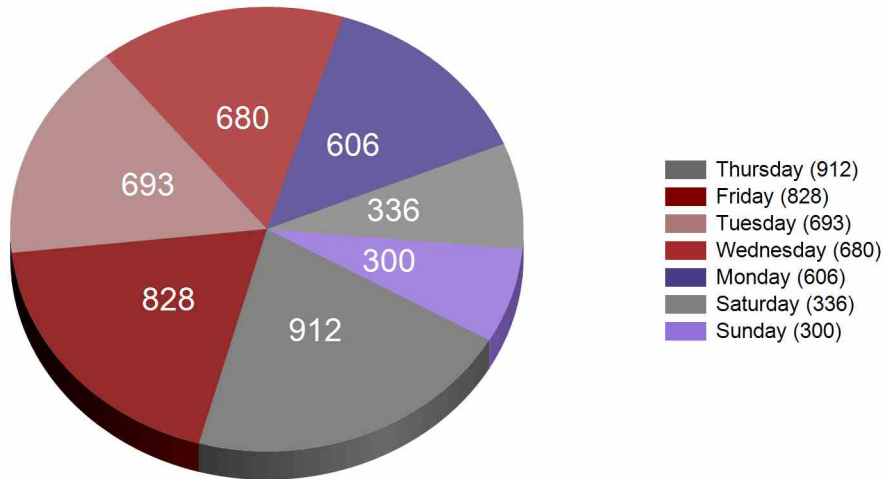
Incidents By Type



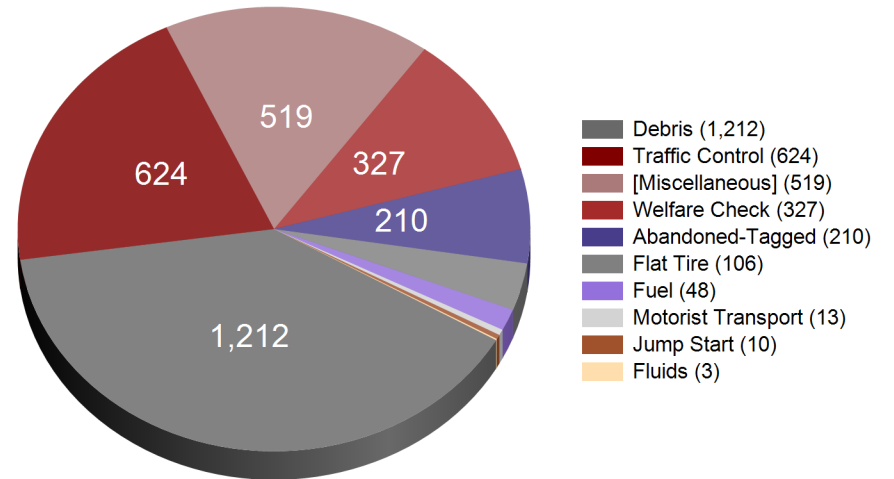
Incidents By Shift



Incidents By Day



Highway Helper Response

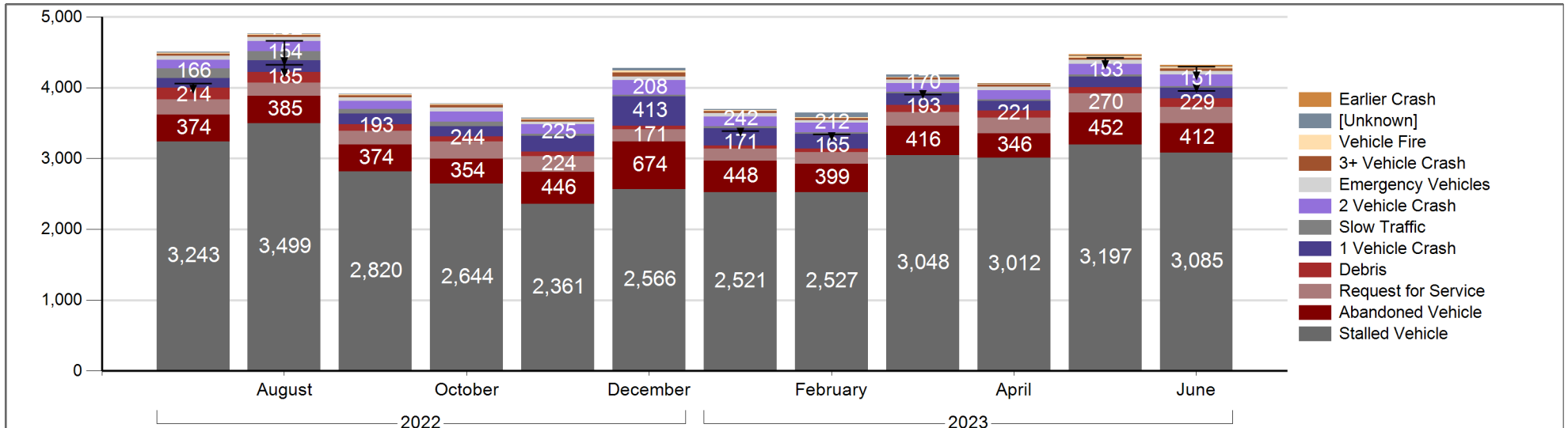


INCIDENT TOTALS BY TYPE

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	3,085	71%	36 min	1,494	112	56	383	42	998
Abandoned Vehicle	412	9%	42 min	196	6	6	48	7	149
Request for Service	229	5%	4 min	81	28	30	19	22	49
2 Vehicle Crash	164	4%	1 hr 42 m	82	5	4	15	12	46
1 Vehicle Crash	151	3%	1 hr 7 m	55	13	5	25	12	41
Debris	123	3%	18 min	57	5	3	6	4	48
Emergency Vehicles	54	1%	1 hr 46 m	30	0	1	5	4	14
3+ Vehicle Crash	33	0.76%	1 hr 8 m	18	1	0	2	0	12
Earlier Crash	24	0.55%		8	8	1	1	2	4
Vehicle Fire	22	0.51%	36 min	13	1	0	0	1	7
Slow Traffic	21	0.48%		8	0	0	2	0	11
Towing Operation	11	0.25%	6 hr 58 m	0	0	1	2	2	6
Total	4,329	100%	1 hr 8 m	2,042	179	107	508	108	1,385

* - Totals include Highway Helper Incidents

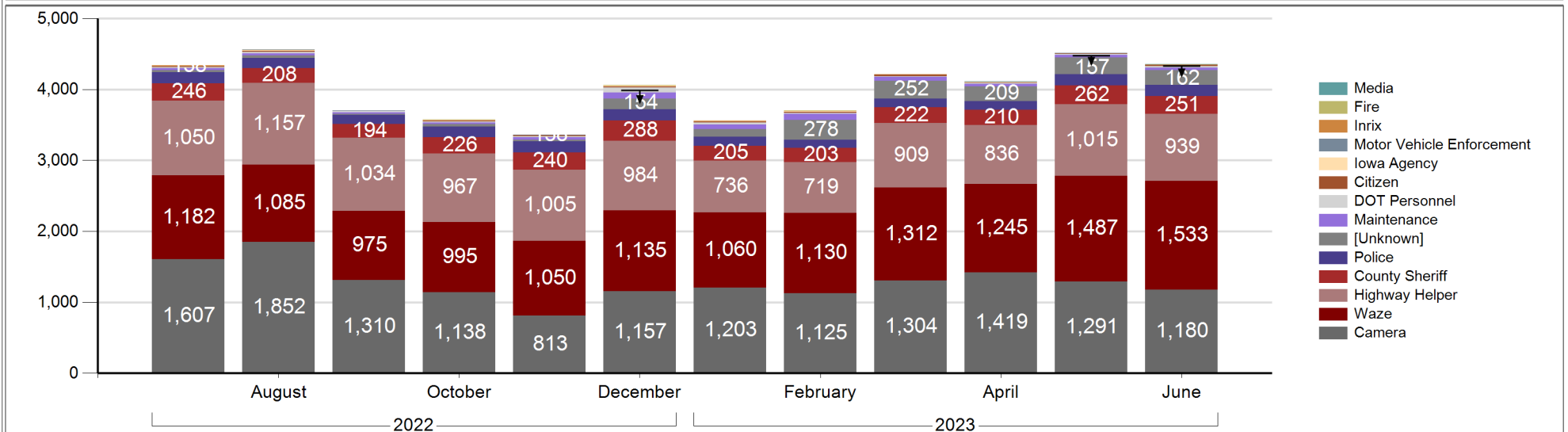


INCIDENT TOTALS BY DETECTION TYPE

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	1,533	35%	765	51	43	174	41	459
Camera	1,180	27%	611	67	20	118	9	355
Highway Helper	939	22%	372	0	0	157	2	408
County Sheriff	251	6%	71	41	29	26	24	60
Other	210	5%	96	14	4	24	19	53
Police	162	4%	107	2	10	2	2	39
Maintenance	34	0.78%	7	3	0	11	7	6
DOT Personnel	24	0.55%	14	1	1	1	3	4
Citizen	15	0.34%	7	1	1	0	1	5
Iowa Agency	4	0.09%	1	0	1	0	0	2
Inrix	2	0.05%	1	0	0	0	0	1
Fire	1	0.02%	0	0	0	0	1	0
Total	4,355	100%	2,052	180	109	513	109	1,392

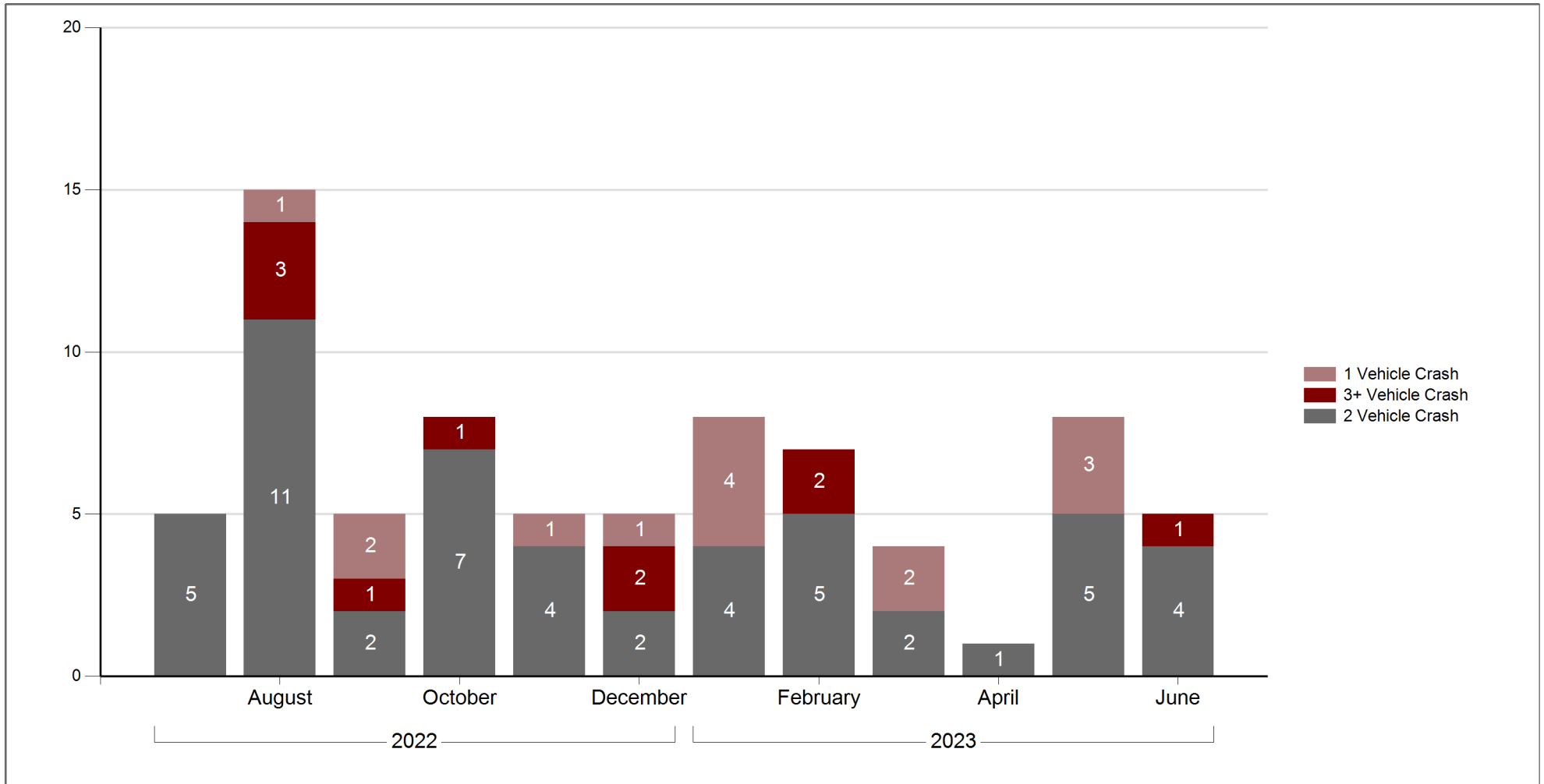
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

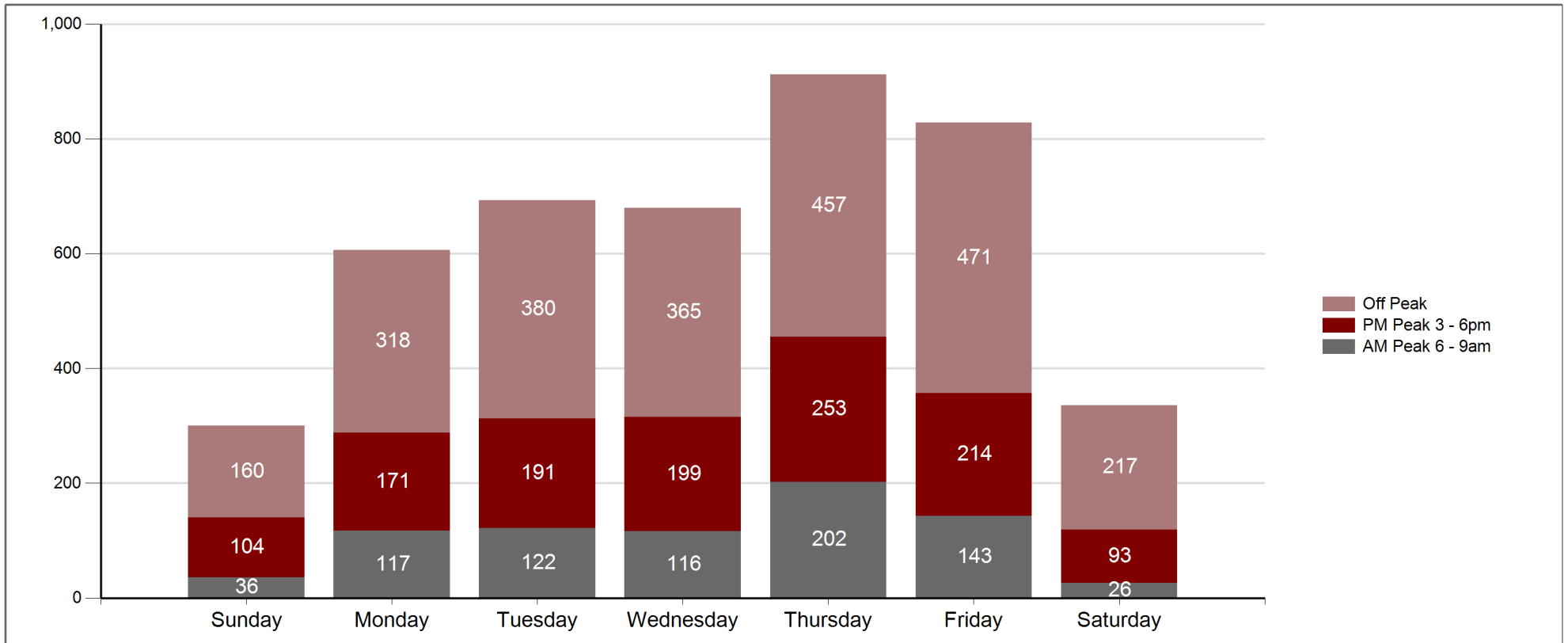
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	4	80%	1 hr 22 m	3	0	0	0	0	1
3+ Vehicle Crash	1	20%	21 min	0	0	0	0	0	1
Total	5	100%	51 min	3	0	0	0	0	2



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.

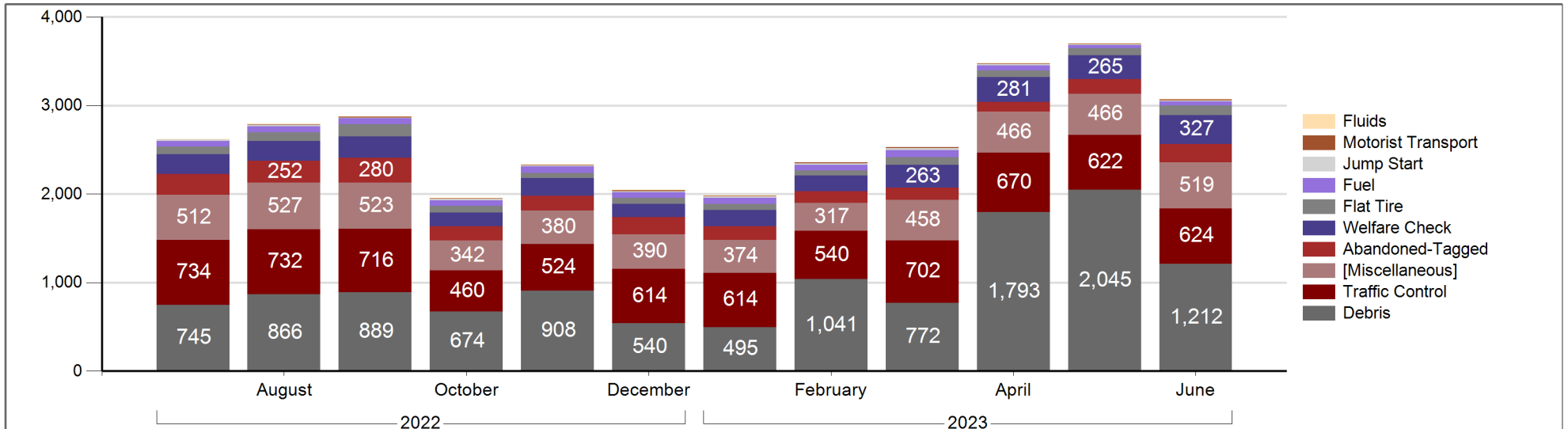
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Thursday	912	21%	52 min	435	36	17	105	25	294
Friday	828	19%	1 hr 30 m	389	33	21	105	22	258
Tuesday	693	16%	1 hr 27 m	329	34	23	68	16	223
Wednesday	680	16%	1 hr 18 m	312	31	20	91	14	212
Monday	606	14%	47 min	274	13	14	82	12	211
Saturday	336	8%	59 min	162	18	7	32	9	108
Sunday	300	7%	56 min	151	15	7	30	11	86
Total	4,355	100%	52 min	2,052	180	109	513	109	1,392



HIGHWAY HELPER RESPONSES

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

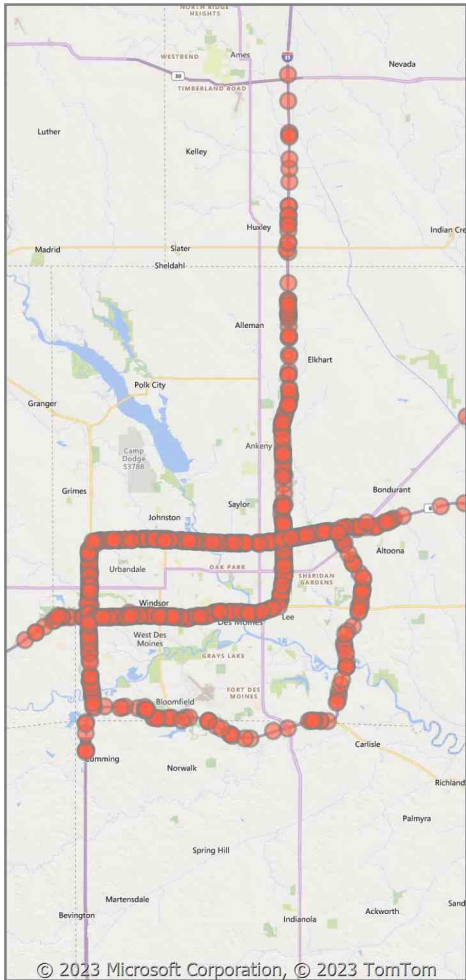
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	1,212	39%	26 min		313	274	179	446
Traffic Control	624	20%	53 min		182	128	96	118
[Miscellaneous]	519	17%	41 min		163	94	89	102
Welfare Check	327	11%	25 min		117	64	49	63
Abandoned-Tagged	210	7%			78	32	26	38
Flat Tire	106	3%			29	22	26	23
Fuel	48	2%			24	2	12	8
Motorist Transport	13	0.42%	58 min		5	0	2	2
Jump Start	10	0.33%			4	2	4	0
Fluids	3	0.10%			0	2	1	0
Total	3,072	100%	45 min		915	620	484	800



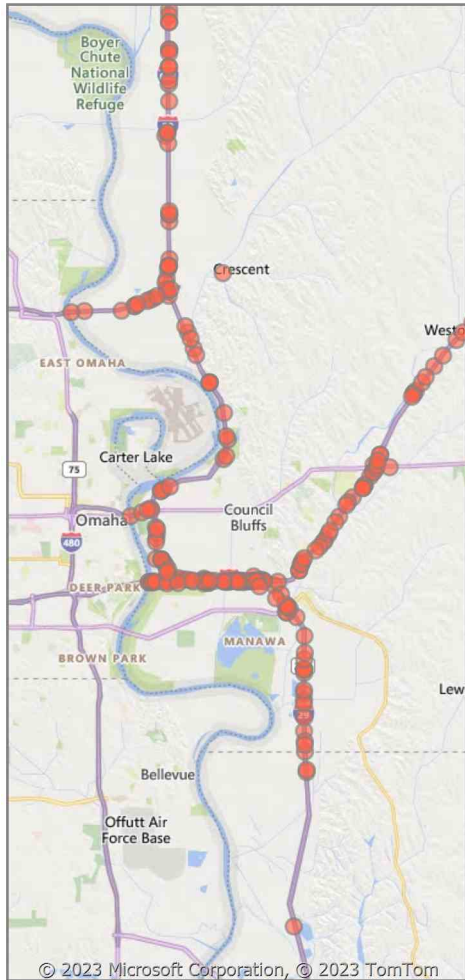
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



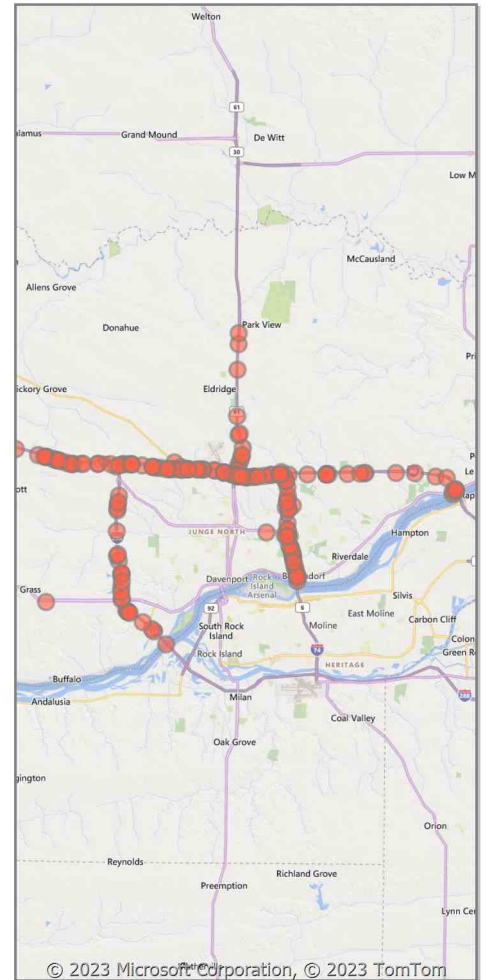
COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

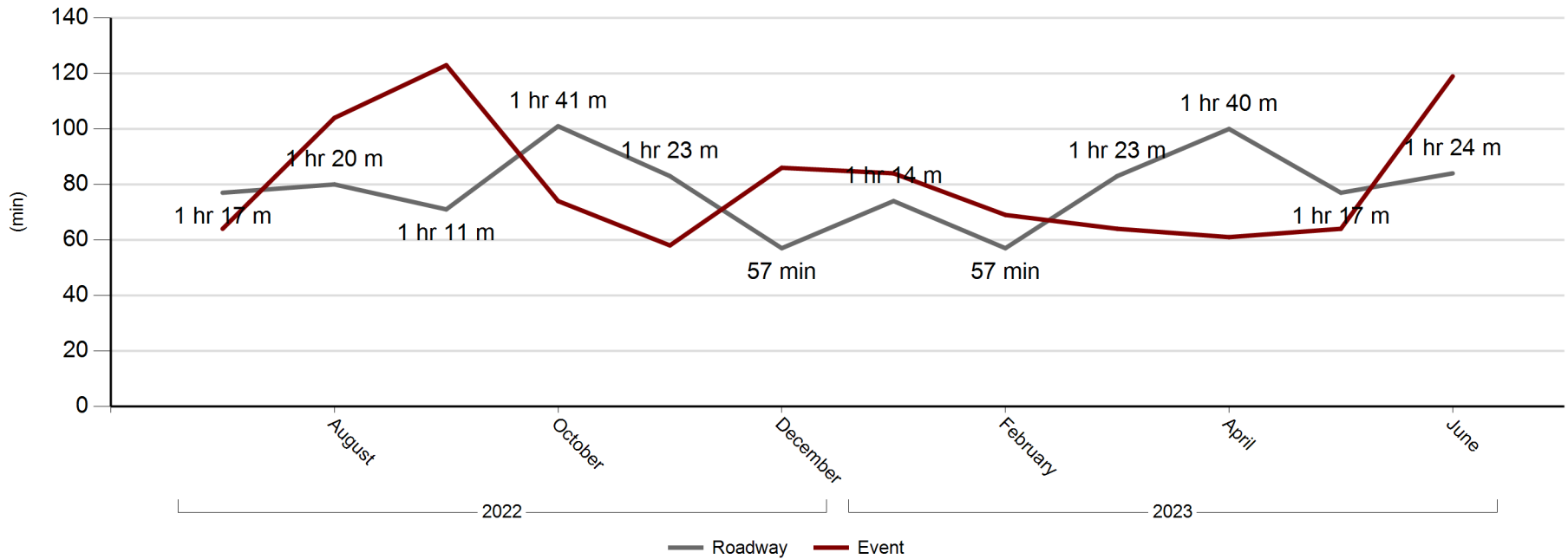


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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 59 m	1 hr 42 m	21 min	58 min	38 min	1 hr 31 m	3 hr 27 m
	Federal	1 hr 33 m	1 hr 53 m	21 min	1 hr 43 m	41 min	1 hr 37 m	1 hr 59 m
	Interstate	2 hr 28 m	1 hr 54 m	21 min	25 min	43 min		4 hr 21 m
	State	31 min	37 min		2 min		1 hr 10 m	29 min
Roadway	All	1 hr 24 m	1 hr 14 m	3 hr 8 m	41 min	59 min	1 hr 44 m	1 hr 15 m
	Federal	1 hr 53 m	1 hr 9 m	5 hr 6 m	1 hr 44 m	51 min	1 hr 28 m	1 hr 8 m
	Interstate	57 min	39 min	31 min	19 min	46 min	1 hr 47 m	1 hr 22 m
	State	1 hr 59 m	3 hr 16 m	1 hr 25 m	1 min	1 hr 59 m	1 hr 56 m	47 min

All Roads (Interstate / Federal / State)

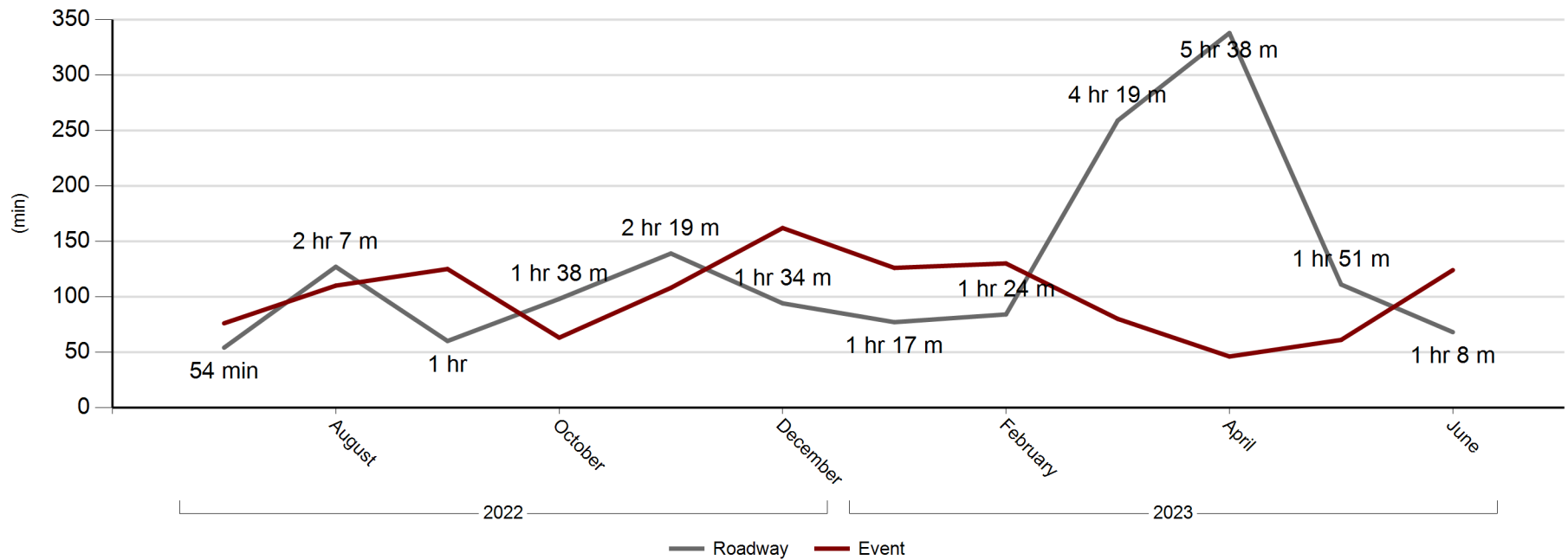


INCIDENT CLEARANCE TIMES (ALL TYPES)

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 4 m	1 hr 47 m	36 min	46 min	52 min	1 hr 31 m	2 hr 53 m
	Federal	2 hr 3 m	6 hr 6 m	21 min	1 hr 2 m	31 min	1 hr 37 m	1 hr 8 m
	Interstate	2 hr 17 m	1 hr 32 m	21 min	25 min	1 hr 9 m		3 hr 25 m
	State	29 min	34 min	1 hr 8 m	2 min		1 hr 10 m	25 min
Roadway	All	1 hr 8 m	48 min	2 hr 25 m	40 min	1 hr 7 m	1 hr 28 m	1 hr 15 m
	Federal	1 hr 33 m	1 hr 18 m	4 hr 29 m	51 min	1 hr 8 m	1 hr 28 m	1 hr 5 m
	Interstate	53 min	27 min	33 min	19 min	1 hr 2 m	47 min	1 hr 20 m
	State	1 hr 34 m	2 hr 6 m	1 hr 18 m	36 min	1 hr 31 m	1 hr 41 m	43 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 : 1 hr 7 m)								
	06/04 02:37 AM	265179	I-380	1			4 hr 41 m	Single vehicle crash event on I-380 S @ MM 13 in Cedar Rapids.
	06/02 08:52 PM	265077	US-65				6 hr 32 m	Single vehicle crash event on US-65 N/S @ MM 194.8 in Mason City.
	06/13 11:08 PM	266693	I-35			1	3 hr 19 m	Single vehicle crash event on I-35 S @ MM 144 (near Williams).
	06/06 11:21 PM	265650	US-20			1	3 hr 29 m	Single vehicle crash event on US-20 E @ MM 249.4 (near Independence).
	06/15 06:37 AM	266910	US-34			1	2 hr 22 m	Single vehicle crash event on US-34 E @ MM 229 (near Westwood).
	06/08 11:00 PM	266033	US-75		1		2 hr 58 m	Single vehicle crash event on US-75 N @ MM 137.1 in Sioux Center.
	06/21 10:39 AM	267856	IA-23				5 hr 4 m	Single vehicle crash event on IA-23 N/S @ MM 0.6 (near Fremont).
2 Vehicle Crash (Avg Impact : 1 hr 42 m)								
	06/09 08:47 AM	266075	IA-28	1	1	1	1 day 6 hr 7 m	2 vehicle crash event on IA-28 N/S @ MM 21 in Des Moines.
	06/28 01:37 PM	268808	I-80		2	2	16 hr 15 m	3+ vehicle crash event on I-80 W @ MM 255 (near West Branch).
	06/20 03:33 AM	267624	US-63		1	1	1 day 39 min	2 vehicle crash event on US-63 N @ MM 205.9 (near New Hampton).
3+ Vehicle Crash (Avg Impact : 1 hr 8 m)								
	06/18 04:44 PM	267416	IA-127	4	3	1	5 hr 7 m	3+ vehicle crash event on IA-127 E @ MM 5.5 (near Magnolia).
	06/30 12:51 PM	269125	I-80		1	1	4 hr 32 m	3+ vehicle crash event on I-80 W @ MM 276 (near Durant).
Emergency Vehicles (Avg Impact : 1 hr 46 m)								
	06/26 08:57 AM	268481	US-69				10 hr 38 m	Emergency vehicles event on US-69 N/S @ MM 88.2 in Des Moines.
Stalled Vehicle (Avg Impact : 36 min)								
	06/13 03:52 PM	266635	I-29				4 hr 48 m	Stalled vehicle event on I-29 S @ MM 54.5 in Council Bluffs.
	06/19 11:44 AM	267508	I-29			1	2 hr 6 m	Stalled vehicle event on I-29 N @ MM 54.4 in Council Bluffs.
	06/27 06:28 PM	268707	US-30				2 hr 19 m	Stalled vehicle event on US-30 E @ MM 257.5 (near Bertram).
	06/26 05:20 PM	268551	I-80			1	6 hr 8 m	Stalled vehicle event on Ramp: I-80 E TO F 44 W (near Iowa City).