

TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

June 2024

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

Executive Summary

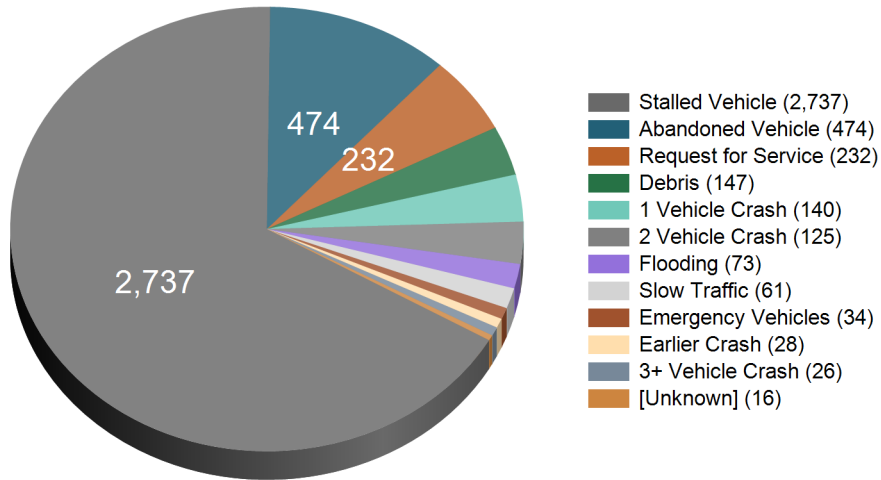
<p>TOTAL INCIDENTS The total number of incidents during the period. *</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>4,048</td> <td>4,161</td> </tr> </tbody> </table>	Previous	Current	May	June	4,048	4,161	<p>TOTAL SECONDARY INCIDENTS Crashes that occur within the original incident scene or resulting queue.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>7</td> <td>6</td> </tr> </tbody> </table>	Previous	Current	May	June	7	6	<p>TOTAL MULTI-VEHICLE INCIDENTS The total number of multi-vehicle incidents during the period.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>161</td> <td>151</td> </tr> </tbody> </table>	Previous	Current	May	June	161	151
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<p>LANE BLOCKAGE INCIDENTS The total number of incidents which resulted in at least one blocked lane of travel.*</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>353</td> <td>368</td> </tr> </tbody> </table>	Previous	Current	May	June	353	368	<p>AVERAGE CLEARANCE TIME The average time for all lanes to be cleared after a crash.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>1 hr 11 m</td> <td>1 hr 5 m</td> </tr> </tbody> </table>	Previous	Current	May	June	1 hr 11 m	1 hr 5 m	<p>TOTAL HIGHWAY HELPER RESPONSES The total number of incidents Highway Helper responded to during the period.</p> <table border="1"> <thead> <tr> <th>Previous</th> <th>Current</th> </tr> <tr> <th>May</th> <th>June</th> </tr> </thead> <tbody> <tr> <td>1,328</td> <td>1,147</td> </tr> </tbody> </table>	Previous	Current	May	June	1,328	1,147
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* - excludes roadwork

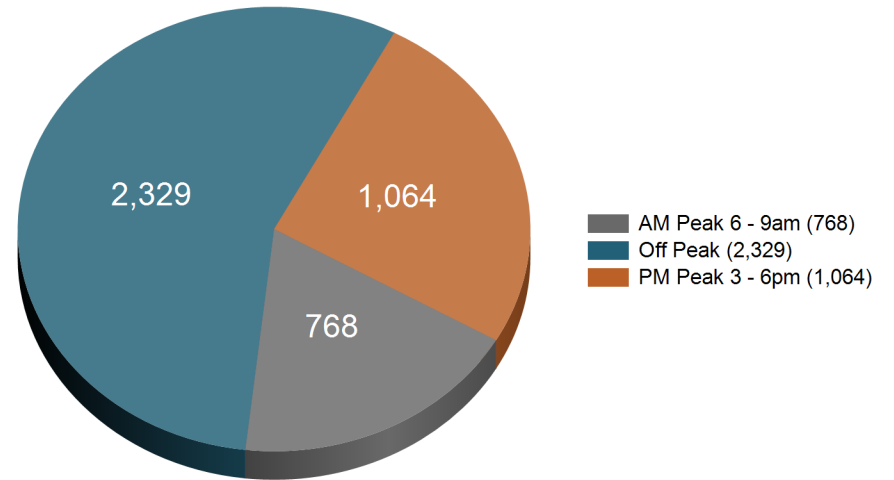
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

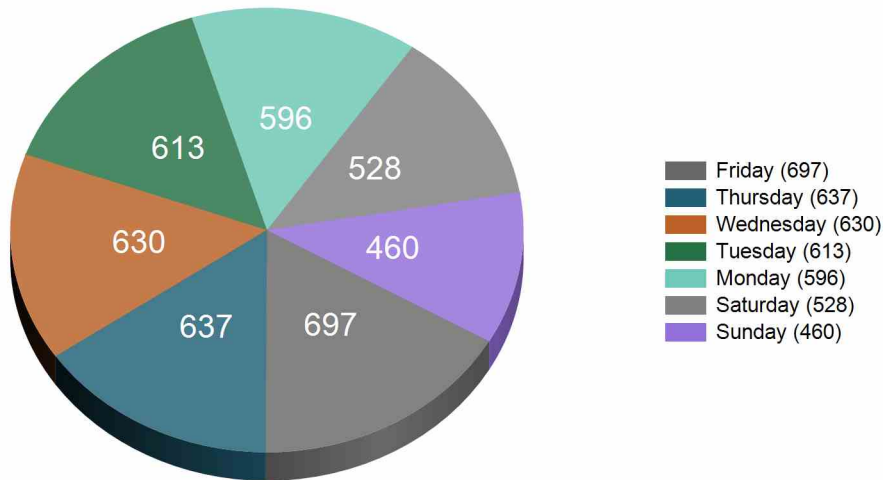
Incidents By Type



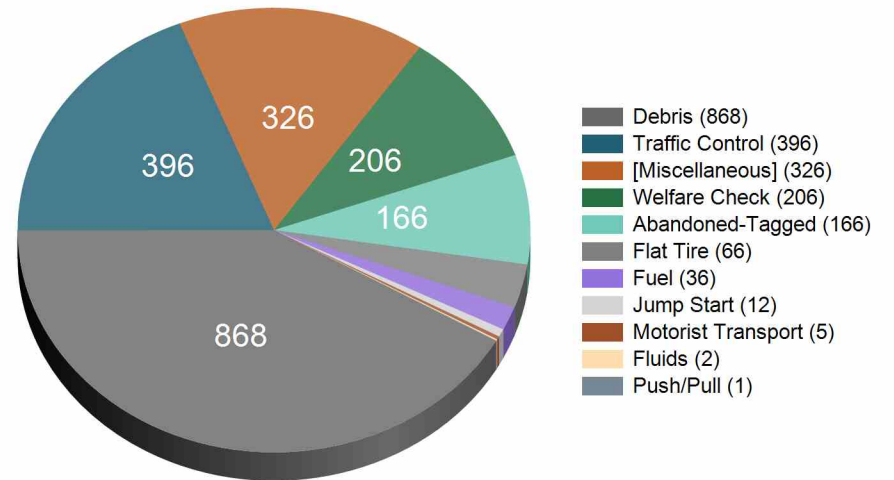
Incidents By Shift



Incidents By Day



Highway Helper Response

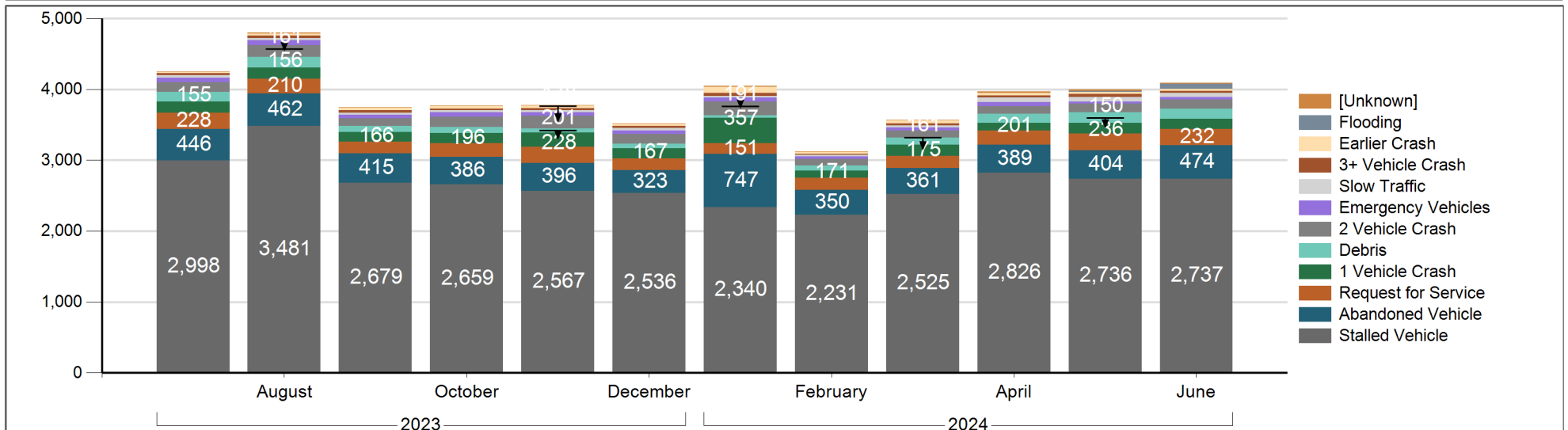


INCIDENT TOTALS BY TYPE

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	2,737	66%	57 min	1,148	40	63	570	48	868
Abandoned Vehicle	474	11%		241	4	11	57	8	153
Request for Service	232	6%		80	21	31	18	25	57
Debris	147	4%	18 min	66	8	6	18	7	42
1 Vehicle Crash	140	3%	1 hr	48	12	7	29	10	34
2 Vehicle Crash	125	3%	1 hr 8 m	73	2	11	12	3	24
Flooding	73	2%	1 day 4 hrs	0	3	63	5	0	2
Slow Traffic	61	1%		44	0	1	6	0	10
Emergency Vehicles	34	0.82%	1 hr 34 m	16	5	1	0	2	10
Earlier Crash	28	0.67%		7	1	3	6	4	7
3+ Vehicle Crash	26	0.62%	1 hr 17 m	13	5	0	2	2	4
Vehicle Fire	20	0.48%	34 min	9	0	2	3	1	5
Total	4,097	100%	4 hr 54 m	1,745	101	199	726	110	1,216

* - Totals include Highway Helper Incidents

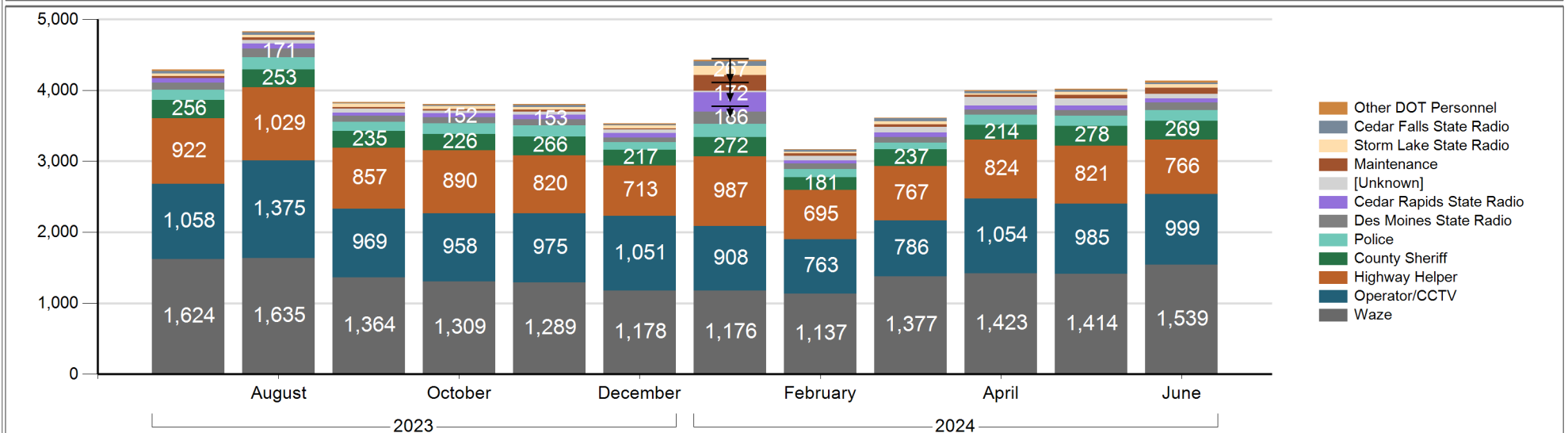


INCIDENT TOTALS BY DETECTION TYPE

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	1,539	37%	713	32	68	186	44	496
Operator/CCTV	999	24%	397	14	9	340	14	225
Highway Helper	766	18%	331	0	0	108	3	324
County Sheriff	269	6%	55	30	55	34	35	60
Police	144	3%	103	4	2	4	3	28
Des Moines State Radio	110	3%	92	0	0	11	6	1
Other	91	2%	38	1	3	16	7	26
Maintenance	87	2%	10	8	37	12	4	16
Cedar Rapids State Radio	57	1%	6	0	0	0	4	47
Storm Lake State Radio	50	1%	1	0	24	25	0	0
Other DOT Personnel	30	0.72%	7	1	13	2	2	5
Cedar Falls State Radio	19	0.46%	4	13	0	0	0	2
Total	4,161	100%	1,757	103	211	738	122	1,230

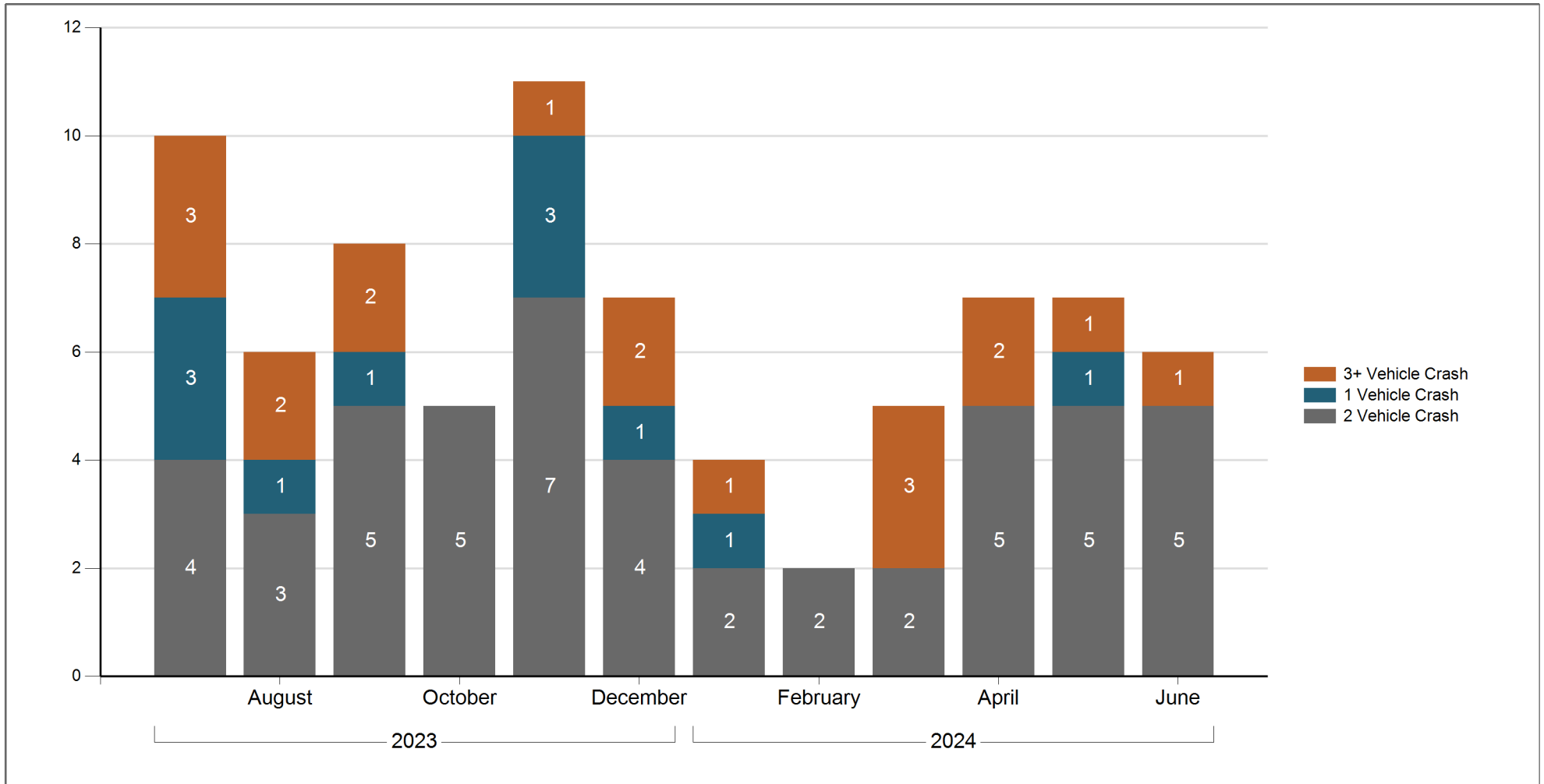
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

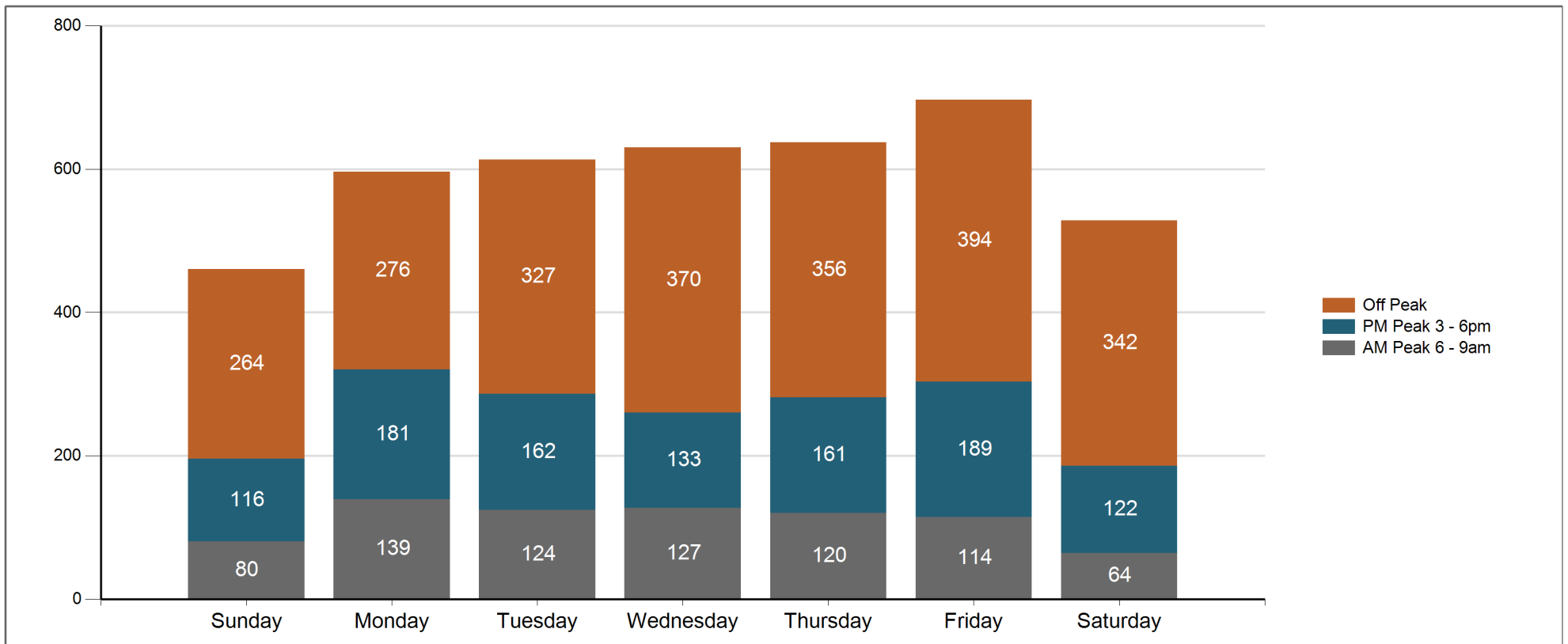
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
2 Vehicle Crash	5	83%	37 min	4	0	0	0	0	1
3+ Vehicle Crash	1	17%		0	0	0	1	0	0
Total	6	100%	37 min	4	0	0	1	0	1



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.

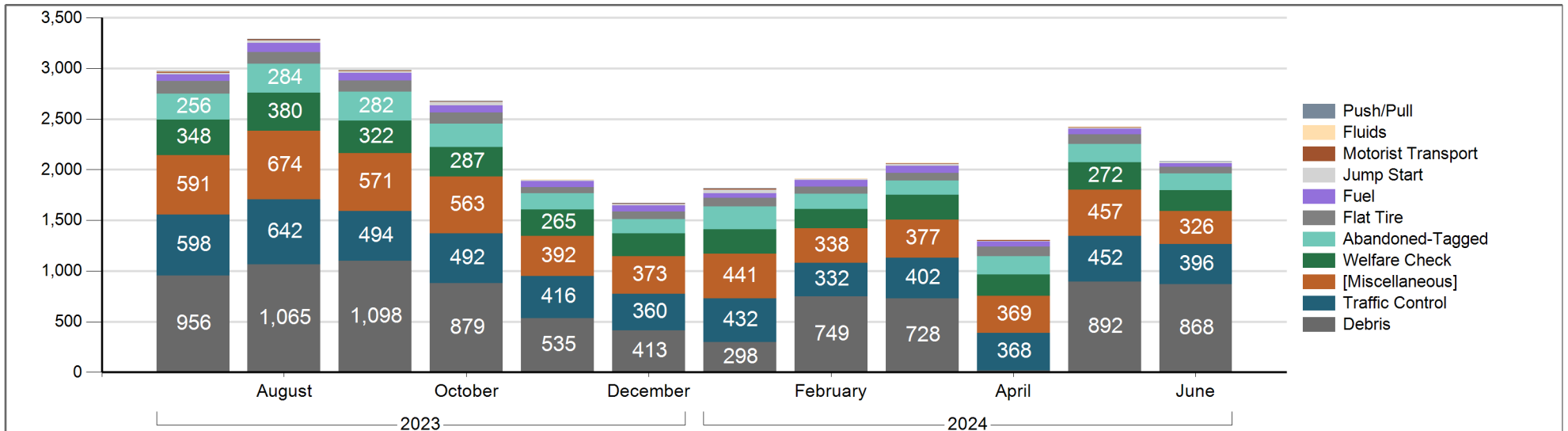
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	697	17%	4 hr 2 m	286	15	34	141	18	203
Thursday	637	15%	3 hr 42 m	267	12	22	127	18	191
Wednesday	630	15%	52 min	250	12	22	124	24	198
Tuesday	613	15%	4 hr 13 m	256	16	34	114	17	176
Monday	596	14%	1 hr 7 m	264	15	22	81	22	192
Saturday	528	13%	9 hr 56 m	215	24	46	87	13	143
Sunday	460	11%	11 hr 46 m	219	9	31	64	10	127
Total	4,161	100%	4 hr 2 m	1,757	103	211	738	122	1,230



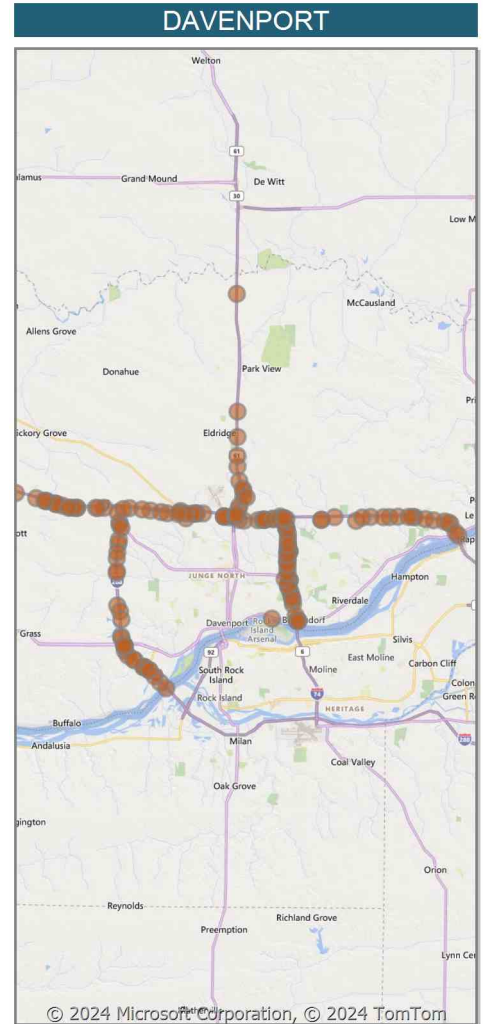
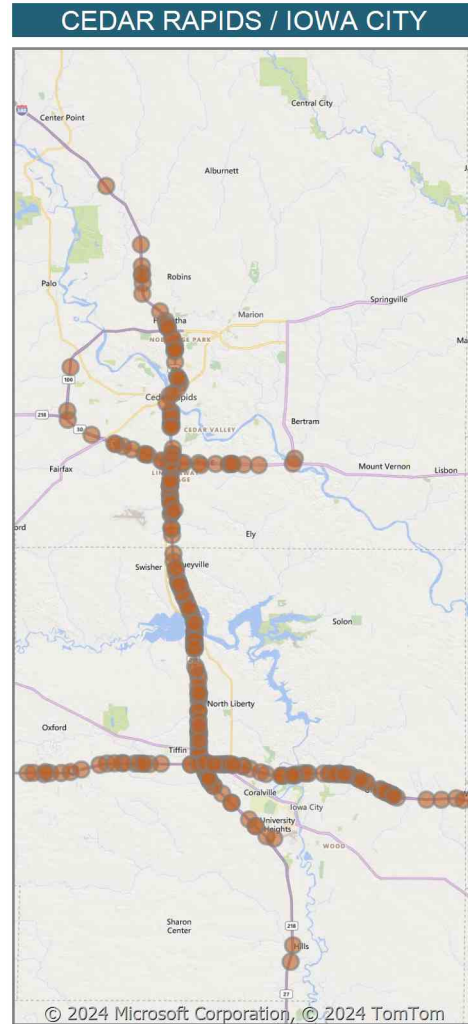
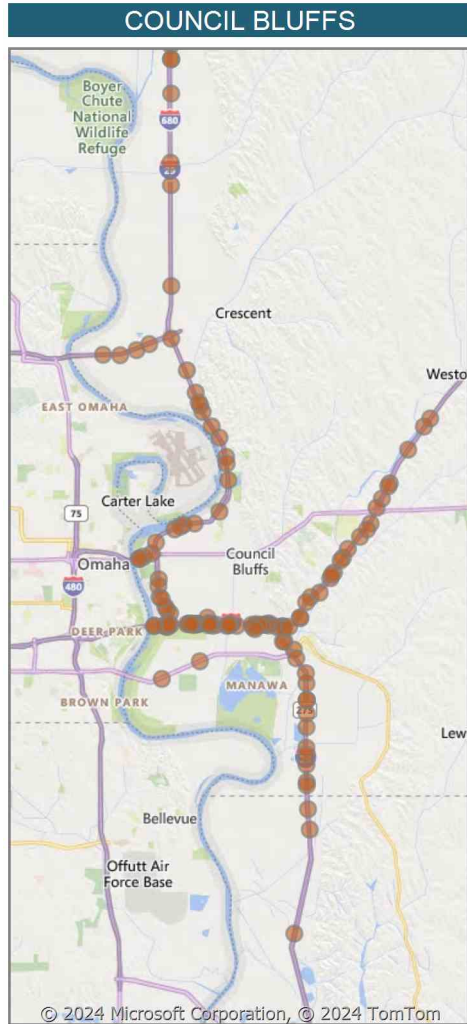
HIGHWAY HELPER RESPONSES

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	868	42%	26 min		359	142	179	188
Traffic Control	396	19%	1 hr 46 m		160	54	114	68
[Miscellaneous]	326	16%	1 hr 9 m		115	59	80	72
Welfare Check	206	10%	2 hr 27 m		74	35	59	38
Abandoned-Tagged	166	8%			56	36	28	46
Flat Tire	66	3%			22	8	22	14
Fuel	36	2%			10	8	8	10
Jump Start	12	0.58%			6	2	2	2
Motorist Transport	5	0.24%			0	2	2	1
Fluids	2	0.10%			1	0	1	0
Push/Pull	1	0.05%			0	0	0	1
Total	2,084	100%	1 hr 28 m		803	346	495	440



HIGHWAY HELPER ASSIST BY LOCATION
Highway Helper detected incidents and response locations.

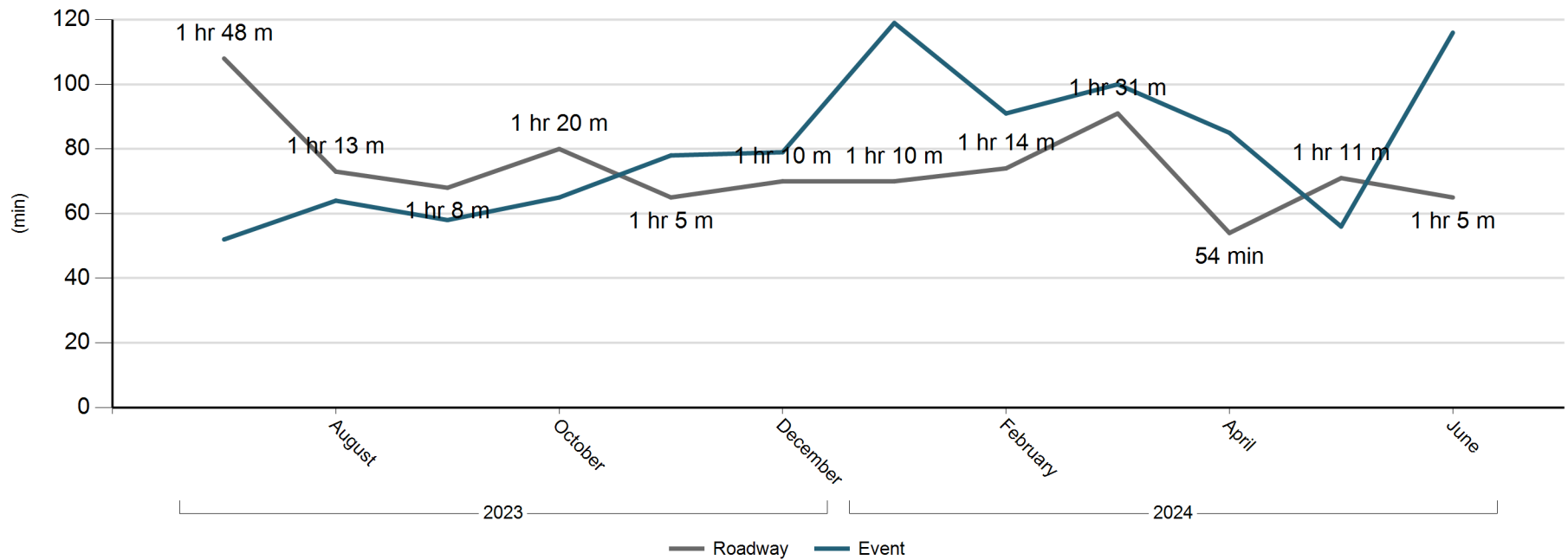


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

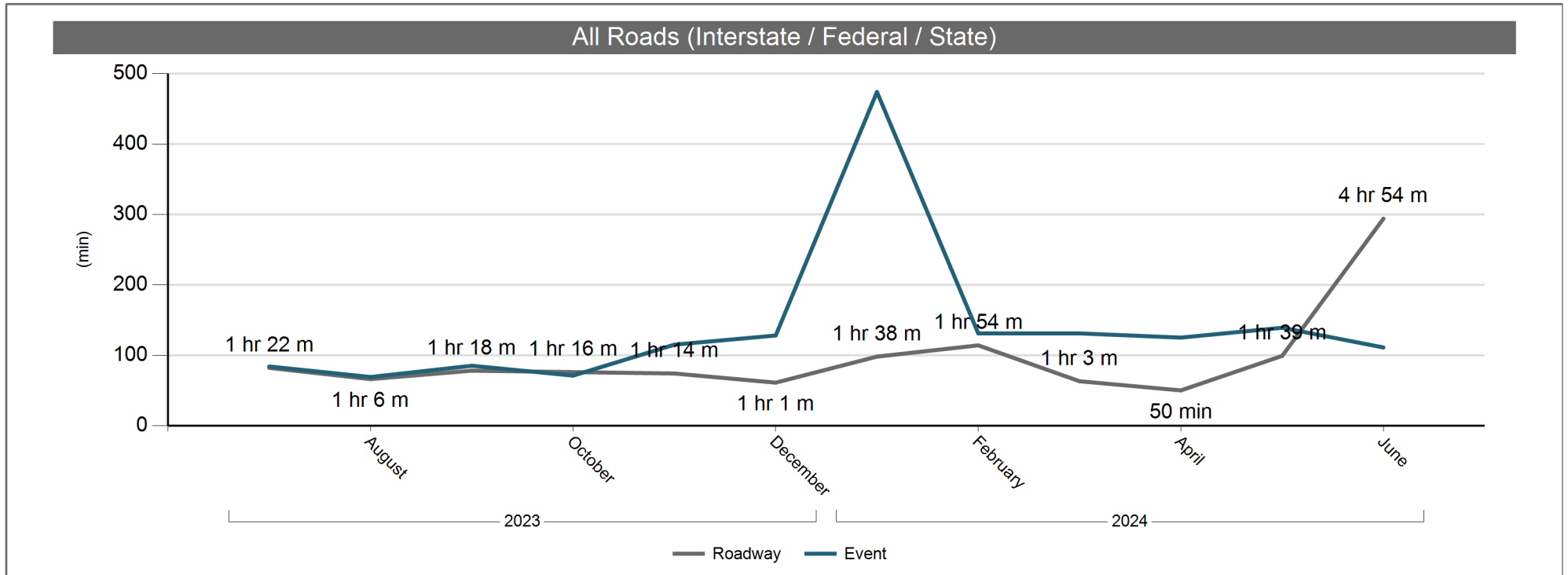
Event : All Responders Departed / Roadway : All Lanes Re-Opened

	Type	Total	District 1	District 2	District 3	District 4	District 5	District 6
Event	All	1 hr 56 m	2 hr 23 m		1 hr 29 m	29 min	2 hr 43 m	43 min
	Federal	1 hr 14 m	1 hr 44 m					30 min
	Interstate	2 hr 4 m	2 hr 31 m		1 hr 29 m	36 min		47 min
	State	1 hr 36 m	42 min			16 min	2 hr 43 m	
Roadway	All	1 hr 5 m	52 min	1 hr 42 m	1 hr 29 m	45 min	3 hours	51 min
	Federal	1 hr 29 m	1 hr 19 m	2 hr 2 m	1 hr 39 m	1 hr 18 m	2 hr 29 m	1 hr 5 m
	Interstate	50 min	46 min	1 hr 42 m	2 hr 17 m	46 min		35 min
	State	1 hr 19 m	42 min	1 hr	18 min	27 min	3 hr 24 m	1 hr 43 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 51 m		1 hr 40 m		1 hr 29 m	4 hr 40 m	1 hr 49 m	46 min
	Federal	45 min		1 hr 3 m			40 min		18 min
	Interstate	2 hr 1 m		1 hr 48 m		1 hr 29 m	5 hr 14 m	55 min	50 min
	State	1 hr 18 m		55 min			16 min	2 hr 43 m	42 min
Roadway	All	4 hr 54 m		38 min	4 hr 26 m	18 hr 59 m	5 hr 57 m	1 hr 58 m	51 min
	Federal	5 hr 38 m		1 hr 6 m	9 hr 5 m	11 hr 43 m	1 hr 1 m	1 hr 46 m	57 min
	Interstate	1 hr 42 m		33 min	1 hr 26 m	1 hr 11 m	7 hr 13 m	32 min	48 min
	State	15 hr 17 m		39 min	1 hr 27 m	1 day 11 hr	27 min	2 hr 45 m	1 hr 6 m



INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
1 Vehicle Crash (Avg Impact : 1 hr)								
	06/05 09:31 PM	315404	I-80				2 hr 4 m	Single vehicle crash event on I-80 W @ MM 139.6 (near Altoona).
	06/14 11:25 AM	316712	IA-100				3 hr 23 m	Single vehicle crash event on IA-100 E/W @ MM 15.1 (near Marion).
	06/28 09:48 AM	318770	US-65		1	1	4 hr 27 m	Single vehicle crash event on US-65 S @ MM 81 (near Altoona).
	06/12 11:05 PM	316459	US-69	1			3 hr 32 m	Single vehicle crash event on US-69 S @ MM 219.4 (near Lake Mills).
	06/27 08:23 PM	318700	IA-2				4 hr 7 m	Single vehicle crash event on IA-2 E @ MM 179.4 (near Udell).
2 Vehicle Crash (Avg Impact : 1 hr 8 m)								
	06/02 03:51 AM	314861	US-52	1			3 hr 38 m	2 vehicle crash event on US-52 N @ MM 28.5 (near St. Donatus).
	06/04 02:56 AM	315118	I-35		1		5 hr 56 m	2 vehicle crash event on I-35 S @ MM 98 (near Alleman).
	06/05 04:53 AM	315278	I-29			1	2 hr 44 m	2 vehicle crash event on I-29 N @ MM 113 (near Onawa).
	06/04 11:26 PM	315259	US-30	1	6		3 hr 42 m	2 vehicle crash event on US-30 E @ MM 57.5 (near Denison).
	06/08 12:51 PM	315793	I-29				2 hr 29 m	2 vehicle crash event on I-29 N @ MM 120.2 (near Whiting).
	06/08 08:19 PM	315838	US-34		1		2 hr 51 m	2 vehicle crash event on US-34 E @ MM 189.6 in Ottumwa.
	06/11 03:39 PM	316229	US-61		1		3 hr 50 m	2 vehicle crash event on US-61 N @ MM 95.5 (near Muscatine).
	06/14 04:43 PM	316764	US-75	1	1		3 hr 36 m	2 vehicle crash event on US-75 N @ MM 158.9 (near Rock Rapids).
3+ Vehicle Crash (Avg Impact : 1 hr 17 m)								
	06/01 10:18 PM	314854	I-380	1	1		4 hr 29 m	3+ vehicle crash event on I-380 N @ MM 73 in Waterloo.
	06/13 10:40 AM	316531	IA-1		5	1	6 hr 24 m	3+ vehicle crash event on IA-1 N @ MM 55 in Washington.
	06/06 11:55 AM	315475	US-63		1	1	3 hr 46 m	3+ vehicle crash event on US-63 N/S @ MM 168.7 (near Waterloo).
Debris (Avg Impact : 18 min)								
	06/28 10:27 PM	318855	IA-150				2 hr 7 m	Debris event on IA-150 S @ MM 87.8 (near St. Lucas).
Emergency Repairs (Avg Impact : 14 hr 7 m)								
	06/13 12:00 PM	316544	IA-3				5 days	Emergency repairs event on IA-3 E @ MM 27.6 in Le Mars.
Emergency Vehicles (Avg Impact : 1 hr 34 m)								
	06/29 09:09 PM	318947	US-30				5 hr 6 m	Emergency vehicles event on US-30 E @ MM 240.9 (near Atkins).
Flooding (Avg Impact : 1 day 4 hr 19 m)								
	06/23 10:28 AM	318050	IA-9				8 days	Flooding event on IA-9 E/W @ MM 88.1 in Estherville.

INCIDENTS (CLEARANCE TIME DEVIATION)

Type	Date / Time	Incident #	Highway	Fatality	Injury	Semi	Duration	Description
Flooding (Avg Impact : 1 day 4 hr 19 m)								
	06/22 12:09 AM	317901	IA-10				5 days	Flooding event on IA-10 E/W @ MM 0 (near Hawarden).
	06/22 03:15 PM	317976	IA-3				5 days	Flooding event on IA-3 E/W @ MM 61.1 (near Cherokee).
Stalled Vehicle (Avg Impact : 57 min)								
	06/03 04:20 PM	315059	I-380				16 hr 44 m	Stalled vehicle event on RAMP: I-380S TO COUNTY HOME ROAD E @ 0.11
Towing Operation (Avg Impact : 1 hr 33 m)								
	06/21 05:55 AM	317712	I-80			1	3 hr 6 m	Towing operation event on I-80 W @ MM 232 (near Oxford).