



TRAFFIC MANAGEMENT CENTER PERFORMANCE MEASUREMENTS

September 2022

This report contains statistical and operational data for TMC activities from the period of September 01, 2022 to September 30, 2022.

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
August	September	August	September	August	September
4,794	3,944	15	6	168	144

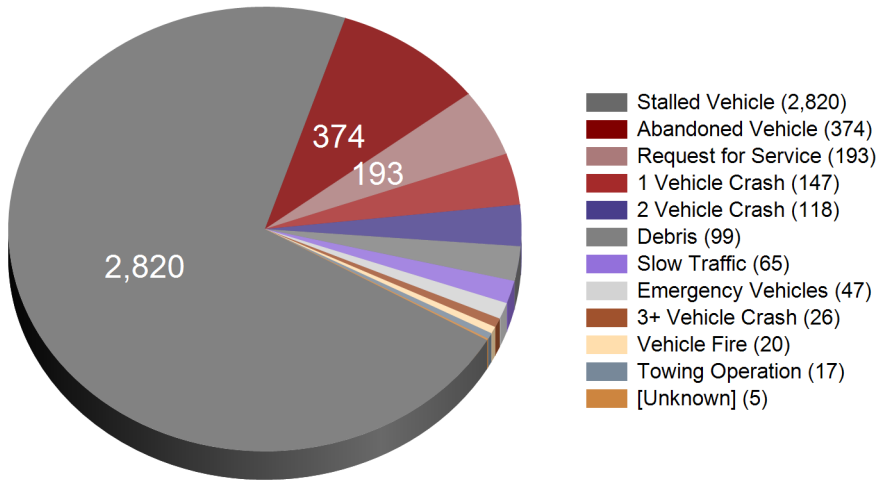
LANE BLOCKAGE INCIDENTS		AVERAGE CLEARANCE TIME		TOTAL HIGHWAY HELPER RESPONSES	
The total number of incidents which resulted in at least one blocked lane of travel.*		The average time for all lanes to be cleared after a crash.		The total number of incidents Highway Helper responded to during the period.	
Previous	Current	Previous	Current	Previous	Current
August	September	August	September	August	September
291	242	1 hr 20 m	1 hr 11 m	1,688	1,559

* - excludes roadwork

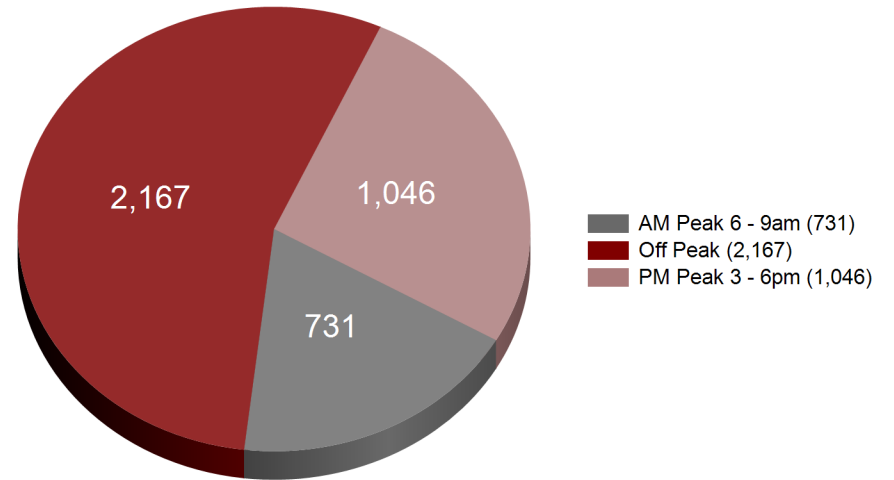
** - incidents involving multiple vehicles are counted as a single incident in the totals displayed throughout this report

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

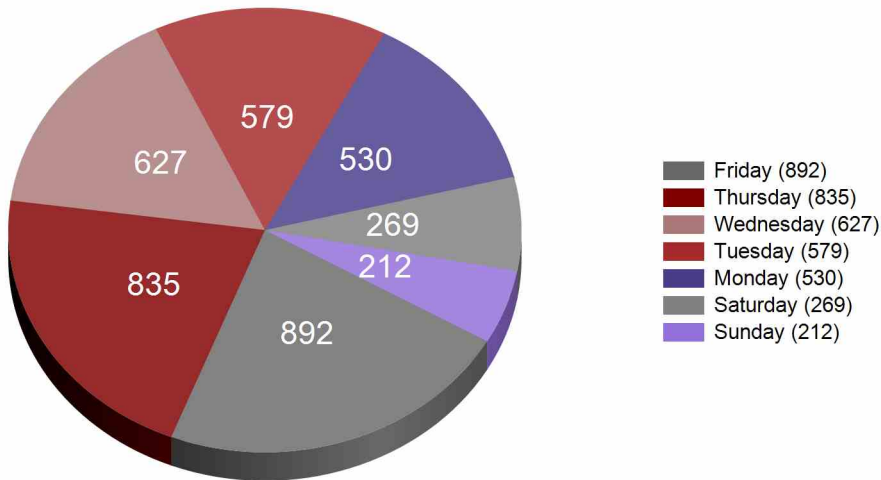
Incidents By Type



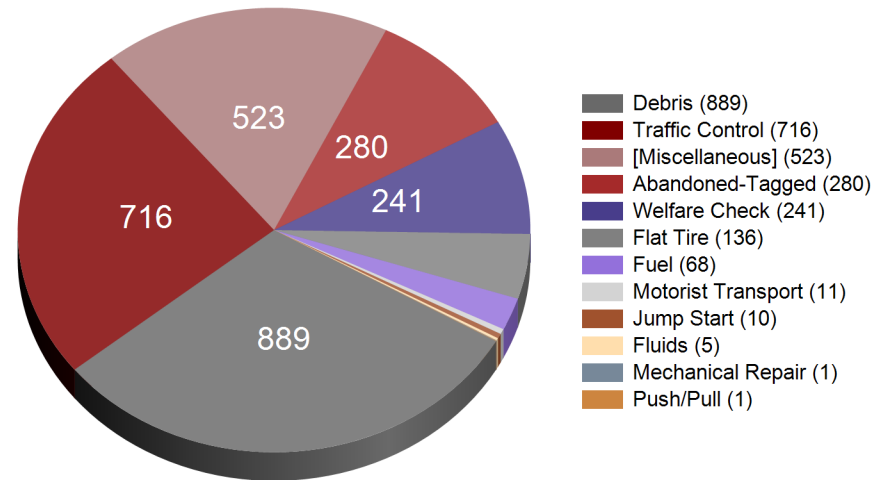
Incidents By Shift



Incidents By Day



Highway Helper Response

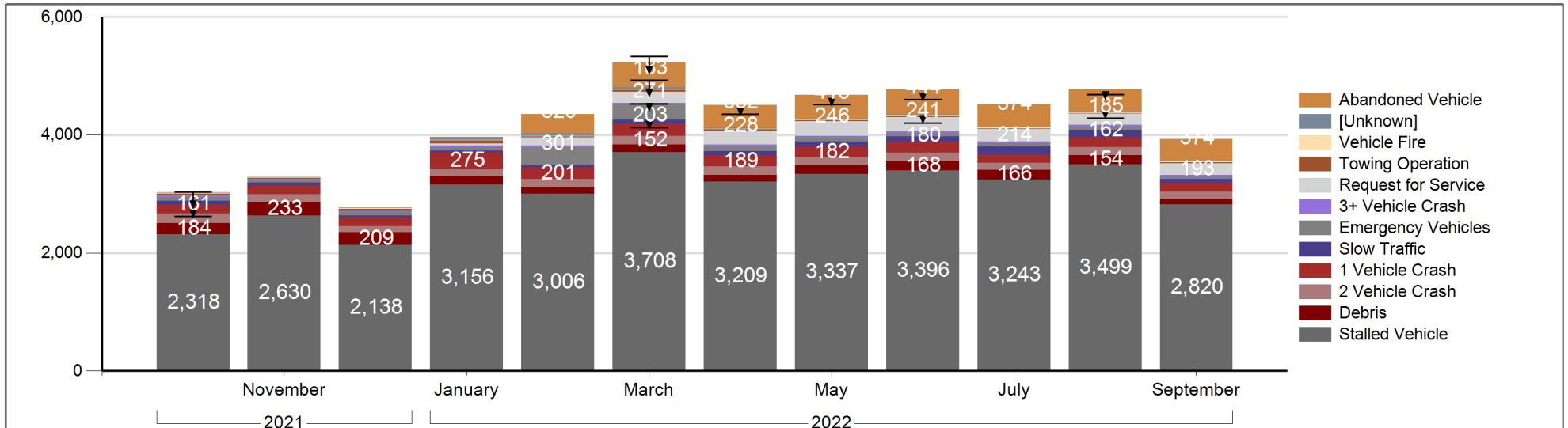


INCIDENT TOTALS BY TYPE

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	2,820	72%	39 min	1,236	71	57	427	52	977
Abandoned Vehicle	374	9%	26 min	183	5	9	43	4	130
Request for Service	193	5%		64	22	35	26	17	29
1 Vehicle Crash	147	4%	1 hr 23 m	69	1	4	22	19	32
2 Vehicle Crash	118	3%	1 hr 6 m	60	2	8	6	9	33
Debris	99	3%	13 min	45	2	2	5	2	43
Slow Traffic	65	2%	1 hr 28 m	50	0	0	2	0	13
Emergency Vehicles	47	1%	57 min	32	3	2	1	2	7
3+ Vehicle Crash	26	0.66%	51 min	16	2	1	3	0	4
Vehicle Fire	20	0.51%	52 min	6	0	0	3	4	7
Towing Operation	17	0.43%	5 hr 11 m	8	0	0	6	0	3
Grass Fire	7	0.18%	36 min	2	0	2	1	0	2
Total	3,933	100%	1 hr	1,771	108	120	545	109	1,280

* - Totals include Highway Helper Incidents

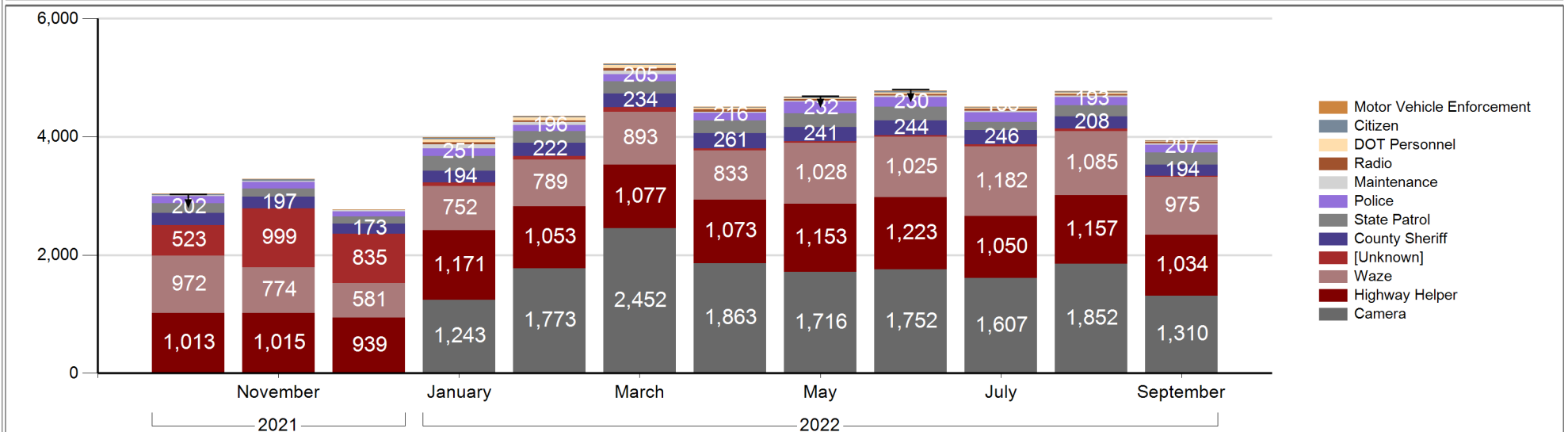


INCIDENT TOTALS BY DETECTION TYPE

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*
Camera	1,310	33%	635	56	23	208	17	371
Highway Helper	1,034	26%	380	0	1	125	4	524
Waze	975	25%	473	25	42	135	39	261
State Patrol	207	5%	102	4	10	32	17	42
County Sheriff	194	5%	56	19	30	33	22	34
Police	125	3%	79	2	9	4	1	30
Maintenance	26	0.66%	10	2	2	2	2	8
Radio	24	0.61%	11	0	2	0	4	7
Other	22	0.56%	7	0	2	6	1	6
DOT Personnel	17	0.43%	10	1	0	1	2	3
Citizen	7	0.18%	5	0	0	0	1	1
Motor Vehicle Enforcement	3	0.08%	3	0	0	0	0	0
Total	3,944	100%	1,771	109	121	546	110	1,287

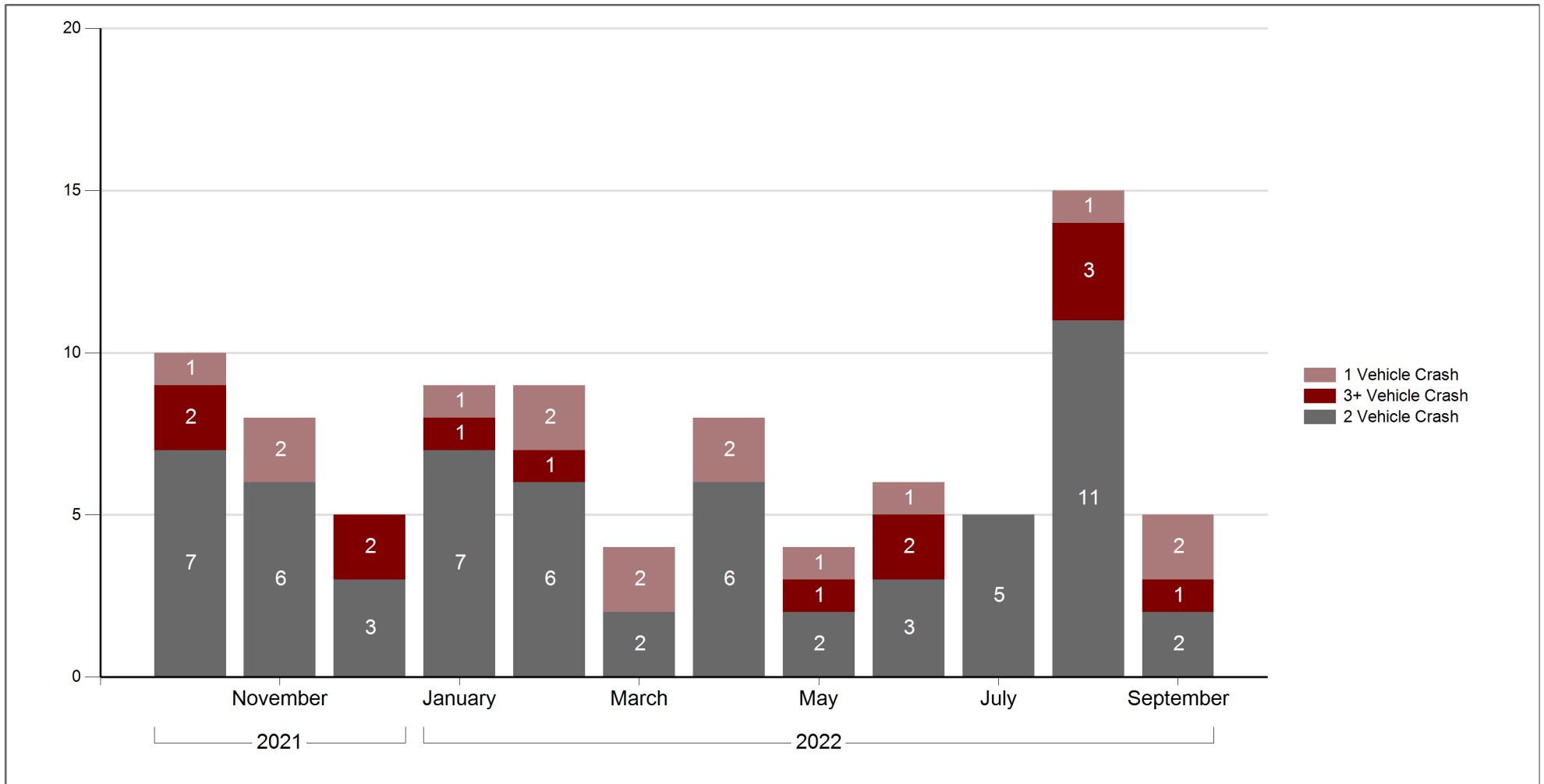
* - Totals include Highway Helper Incidents



SECONDARY INCIDENTS BY TYPE

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

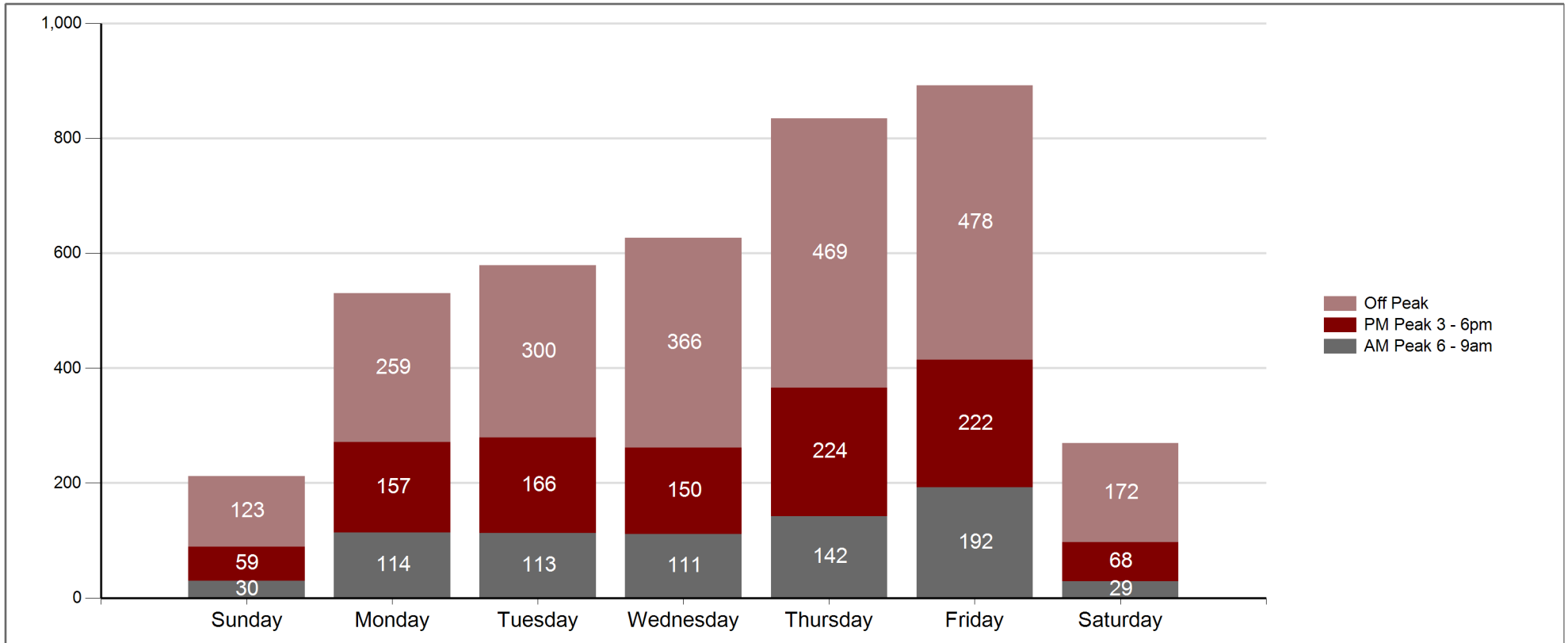
Type	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
1 Vehicle Crash	2	40%		2	0	0	0	0	0
2 Vehicle Crash	2	40%	1 hr 46 m	0	0	0	0	1	1
3+ Vehicle Crash	1	20%	41 min	1	0	0	0	0	0
Total	5	100%	1 hr 13 m	3	0	0	0	1	1



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.

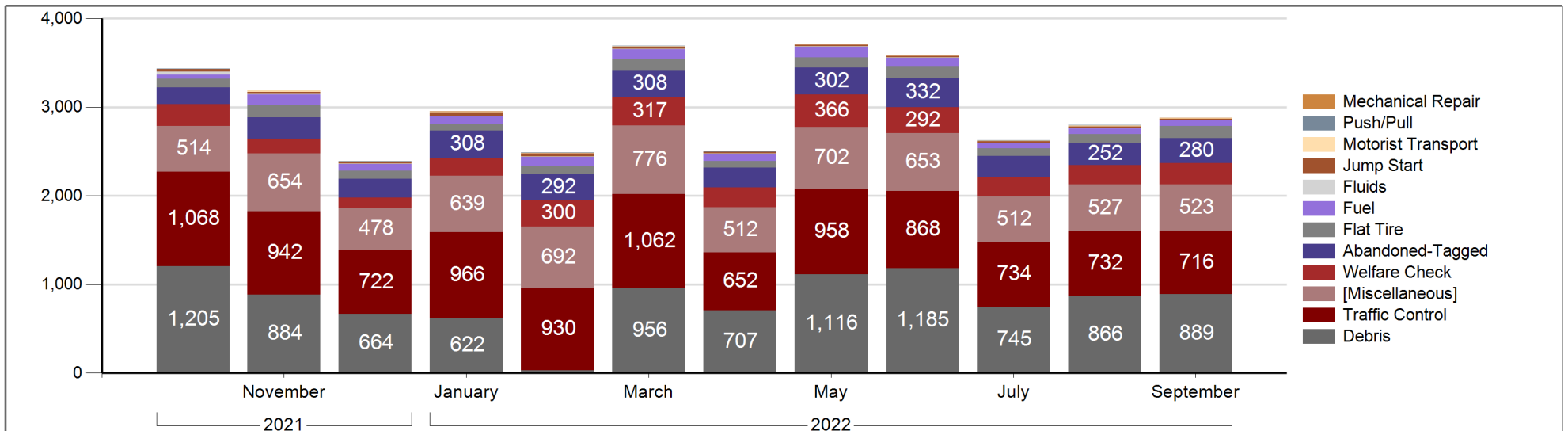
Weekday	Total	%	Avg Impact	District 1	District 2	District 3	District 4	District 5	District 6
Friday	892	23%	49 min	386	31	31	125	27	292
Thursday	835	21%	59 min	368	25	22	105	27	288
Wednesday	627	16%	1 hr	264	14	25	94	19	211
Tuesday	579	15%	1 hr 19 m	265	10	17	76	10	201
Monday	530	13%	57 min	263	16	11	78	8	154
Saturday	269	7%	41 min	127	6	8	32	15	81
Sunday	212	5%	1 hr 42 m	98	7	7	36	4	60
Total	3,944	100%	49 min	1,771	109	121	546	110	1,287



HIGHWAY HELPER RESPONSES

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

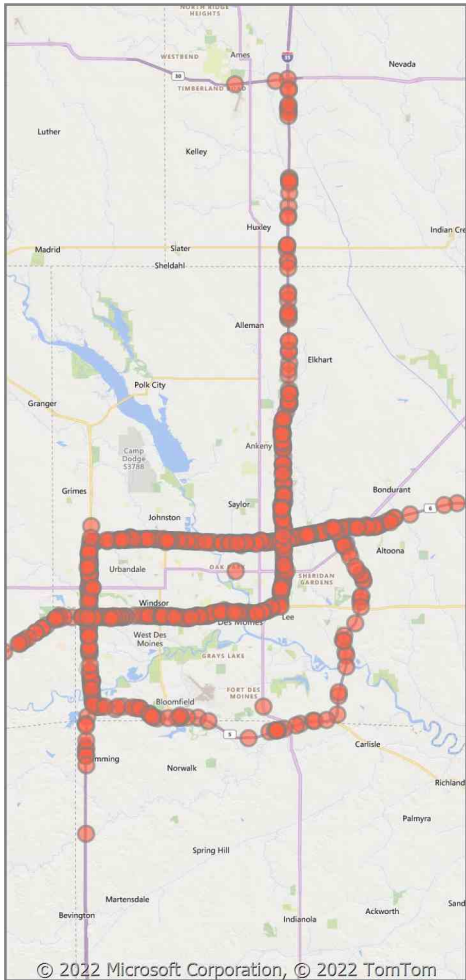
Type	Total	%	Avg Impact		Des Moines	Council Bluffs	Cedar Rapids / Iowa City	Davenport
Debris	889	31%	26 min		278	169	6	377
Traffic Control	716	25%	48 min		258	94	114	124
[Miscellaneous]	523	18%	40 min		184	67	83	111
Abandoned-Tagged	280	10%			118	34	40	64
Welfare Check	241	8%	8 min		91	24	42	56
Flat Tire	136	5%			61	21	28	12
Fuel	68	2%	33 min		30	6	12	14
Motorist Transport	11	0.38%			4	1	2	2
Jump Start	10	0.35%			4	0	2	0
Fluids	5	0.17%			3	1	1	0
Mechanical Repair	1	0.03%			1	0	0	0
Push/Pull	1	0.03%			1	0	0	0
Total	2,881	100%	42 min		1,033	417	330	760



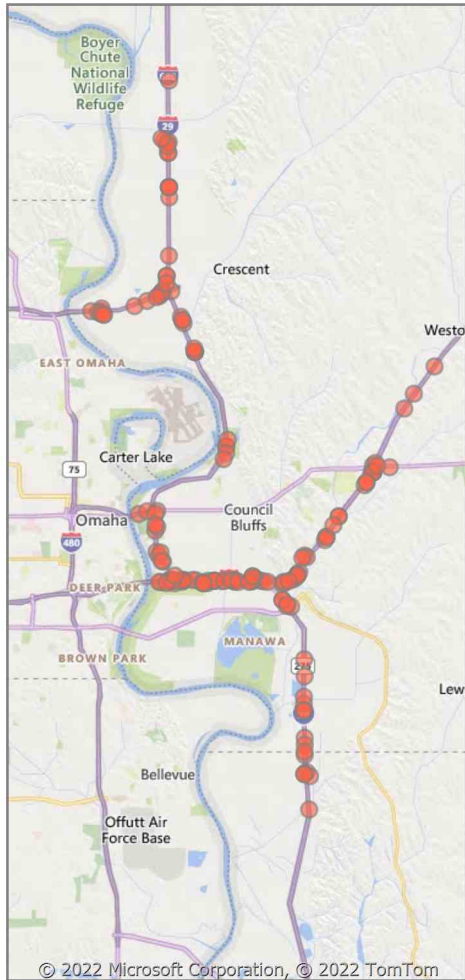
HIGHWAY HELPER ASSIST BY LOCATION

Highway Helper detected incidents and response locations.

DES MOINES



COUNCIL BLUFFS



CEDAR RAPIDS / IOWA CITY



DAVENPORT

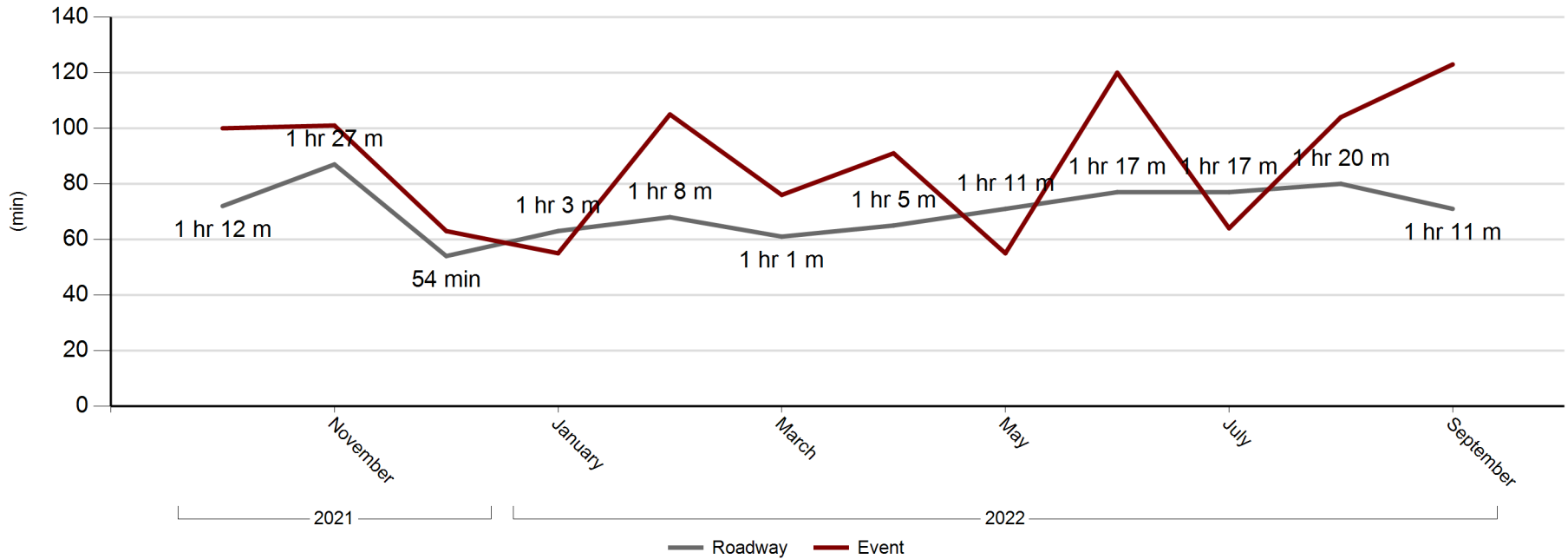


INCIDENT CLEARANCE TIMES (CRASHES ONLY)

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	2 hr 3 m	2 hr 12 m	22 min	1 hr 46 m	34 min	1 hr 30 m	2 hr 17 m
	Federal	3 hr 27 m	1 hr 22 m		1 hr 34 m		39 min	7 hr 24 m
	Interstate	1 hr 30 m	1 hr 47 m	22 min	2 hr 7 m	41 min	2 hr 47 m	49 min
	State	2 hr 40 m	4 hr 55 m		1 hr 16 m	28 min	1 hr 42 m	47 min
Roadway	All	1 hr 11 m	59 min	1 hr 28 m	2 hr 31 m	1 hr 13 m	1 hr 12 m	1 hr 3 m
	Federal	1 hr 38 m	1 hr 57 m		2 hr 5 m		59 min	1 hr 24 m
	Interstate	58 min	38 min	2 hr 6 m	4 hr 49 m	55 min	1 hr 45 m	1 hr 1 m
	State	1 hr 16 m	1 hr 19 m	11 min	1 hr 49 m	1 hr 49 m	1 hr 6 m	26 min

All Roads (Interstate / Federal / State)

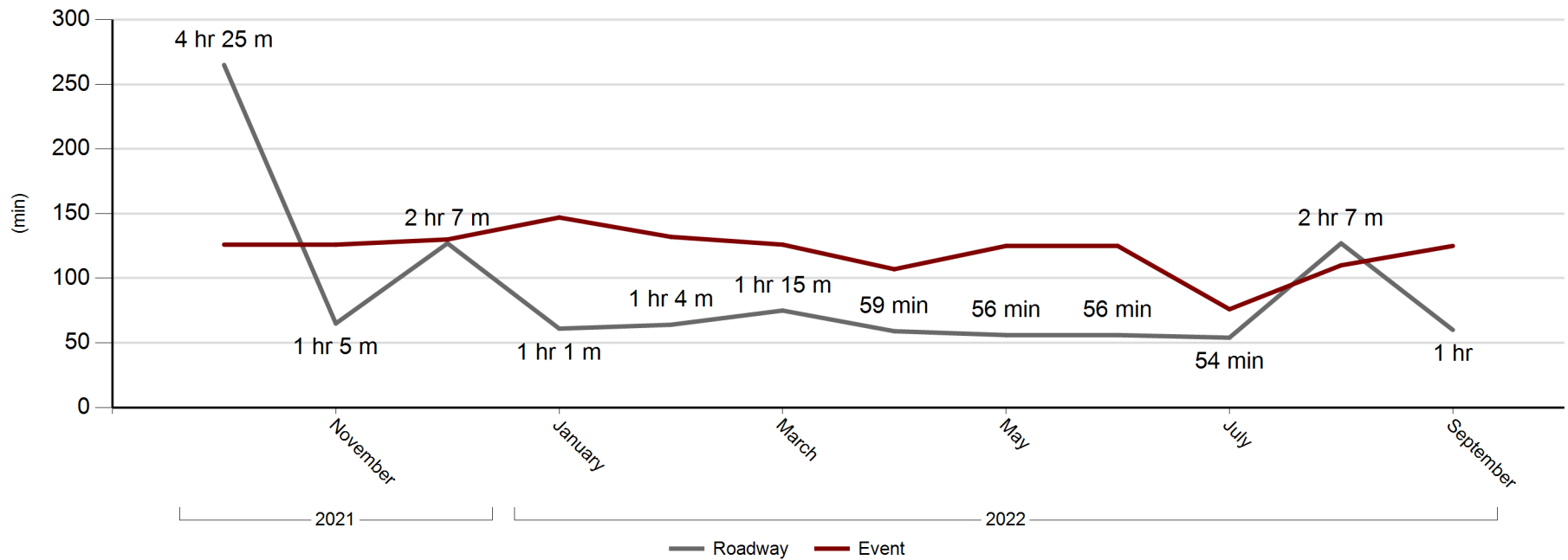


INCIDENT CLEARANCE TIMES (ALL TYPES)

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	1 hr 28 m	22 min	1 hr 45 m	38 min	1 hr 21 m	3 hr 32 m
	Federal	2 hr 48 m	57 min		1 hr 50 m	45 min	39 min	5 hr 4 m
	Interstate	1 hr 54 m	1 hr 14 m	22 min	2 hr 7 m	39 min	1 hr 48 m	3 hr 32 m
	State	1 hr 56 m	3 hr 19 m		1 hr 19 m	28 min	1 hr 32 m	45 min
Roadway	All	1 hr	52 min	1 hr 13 m	2 hr 24 m	1 hr 16 m	1 hr 5 m	48 min
	Federal	1 hr 10 m	1 hr 18 m	1 hr	1 hr 57 m	37 min	1 hr 1 m	51 min
	Interstate	53 min	41 min	2 hr 6 m	4 hr 49 m	1 hr 4 m	1 hr 14 m	53 min
	State	1 hr 11 m	1 hr 10 m	47 min	1 hr 59 m	2 hr 36 m	1 hr 3 m	23 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 23 m)								
	09/07 12:12 PM	227010	IA-17		2	1	5 hr 22 m	Initial report of a single vehicle crash on IA-17 NB/SB at MM 24 (near Boone).
	09/13 01:08 AM	227754	I-29		1	1	9 hr 2 m	Initial report of a single vehicle crash on I-29 SB at MM 134 (near Salix).
	09/21 03:44 AM	228902	I-35			1	3 hr 59 m	Initial report of a single vehicle crash on I-35 SB at MM 97 (near Elkhart).
	09/25 03:48 AM	229482	I-380			1	6 hr 7 m	Initial report of a single vehicle crash on I-380 SB at MM 62 (near Gilbertville).
2 Vehicle Crash (Avg Impact : 1 hr 6 m)								
	09/04 06:51 AM	226639	US-63		1		3 hr 33 m	Initial report of a 2 vehicle crash on US-63 NB at MM 115 (near Tama).
	09/12 08:49 AM	227658	US-18			2	3 hr 30 m	Initial report of a 2 vehicle crash on US-18 WB at MM 74 (near Spencer).
	09/26 08:08 AM	229568	US-30		1	1	5 hr 40 m	Initial report of a 2 vehicle crash on US-30 WB/EB at MM 204 (near Tama).
	09/18 09:50 PM	228572	IA-2		2	1	4 hr 19 m	Initial report of a 2 vehicle crash on IA-2 WB at MM 3 (near Sidney).
	09/20 09:24 AM	228786	IA-140		1		4 hr 1 m	Initial report of a 2 vehicle crash on IA-140 NB at MM 13 (near Kingsley).
	09/29 03:42 PM	230164	US-69		2		2 hr 57 m	Initial report of a 2 vehicle crash on US-69 NB at MM 81 in Des Moines.
3+ Vehicle Crash (Avg Impact : 51 min)								
	09/15 02:57 PM	228185	I-380	1		1	3 hr 35 m	Initial report of a 3+ vehicle crash on I-380 SB at MM 70 in Evansdale.
	09/24 07:33 PM	229468	IA-163				2 hr 30 m	Initial report of a 3+ vehicle crash on IA-163 WB at MM 12 (near Pleasant Hill).
Emergency Vehicles (Avg Impact : 57 min)								
	09/08 06:41 PM	227255	I-80			1	3 hrs	Initial report of a stalled vehicle on I-80 WB at MM 126 in Urbandale.
	09/25 05:24 AM	229484	I-35	1		1	2 hr 7 m	Initial report of an emergency vehicles event on I-35 NB at MM 119 (near Roland).
Stalled Vehicle (Avg Impact : 39 min)								
	09/29 10:06 AM	230106	I-80			1	3 hr 14 m	Initial report of a stalled vehicle on I-80 WB at MM 249 (near Iowa City).
	09/28 08:32 PM	230034	US-71			1	2 hr 7 m	Initial report of a stalled vehicle on US-71 NB at MM 181 (near Rembrandt).
	09/29 10:33 AM	230110	IA-175				2 hr 37 m	Initial report of a stalled train on IA-175 EB at MM 7 in Onawa.
	09/30 12:44 PM	230290	I-80			1	3 hr 8 m	Initial report of a stalled vehicle on I-80 WB at MM 65 (near Brayton).