



PARKER
C O L O R A D O

April 16, 2018

2017



Traffic Report



Parker
Police Department

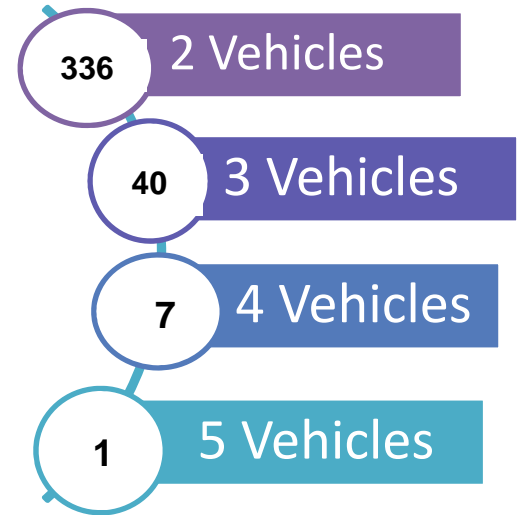
Crime Analysis - L. Milord

- There were a total of 1,113 traffic accidents for January - December, 2017.

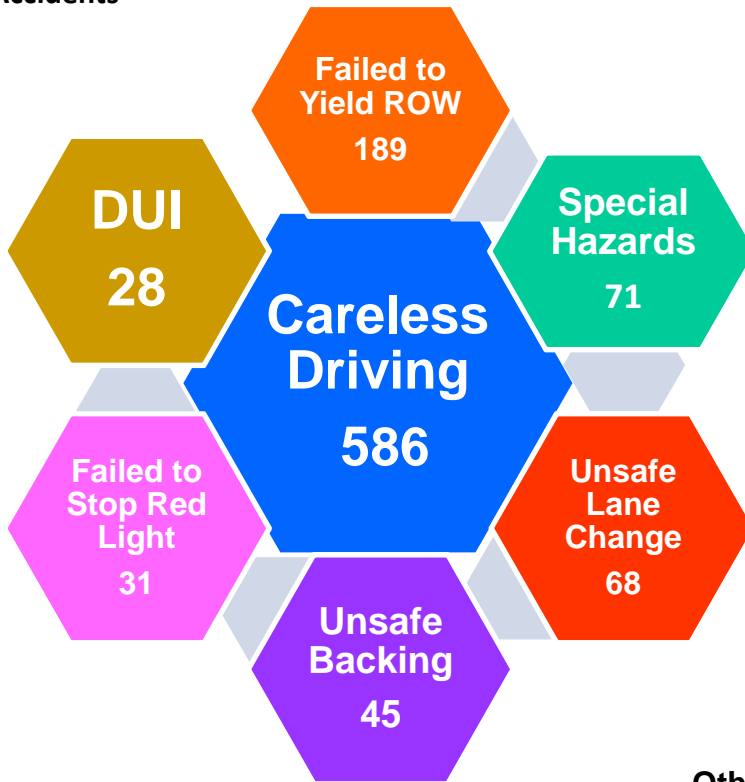
- Where it could be determined by information on the accident report, the most common type of accident was one vehicle rear ending another (384). This type of accident accounted for 35% of the accidents for 2017. The chart represents rear end accidents by number of vehicles involved.

- There were 615 (55%) accidents that occurred at intersections or near intersections relating to the traffic lights and congestion. Thirty-one (31) of those accidents occurred in the merge lane.

- 336 (30%) of the accidents occurred on the street and the remaining accidents were a combination of private property (85) and street/private property accidents



Traffic Accidents



- There were a total of thirty (30) people reported injured and no fatalities in the rear end accidents.

- There were no injuries reported in accidents that occurred in the roundabouts.

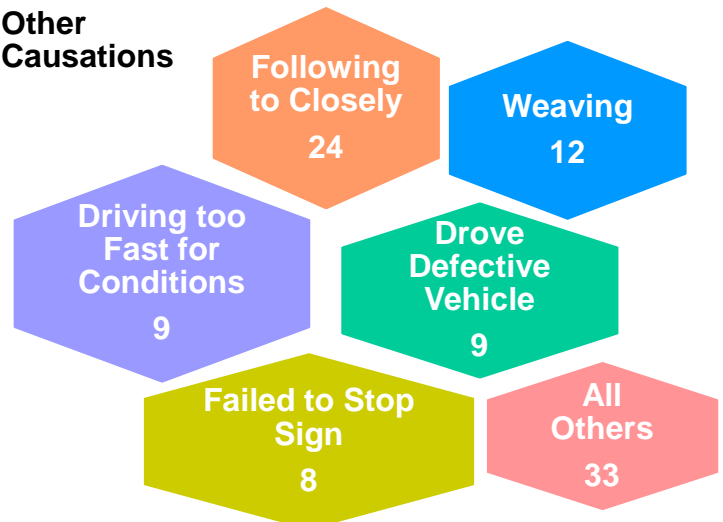
- There were six (6) injuries and one (1) fatality for private property and parking lot accidents. The fatality involved a single vehicle crashing through the front of a business.

- There was a -6.7% decrease in traffic accidents for 2017 (1,113) over 2016 (1,193).

- The causation may or may not reflect the citation as it was written. Example: citation was written for careless driving, however the causation was following too closely.

- This information was determined by reading the narrative. Where there was no description then the causation was listed as careless driving.

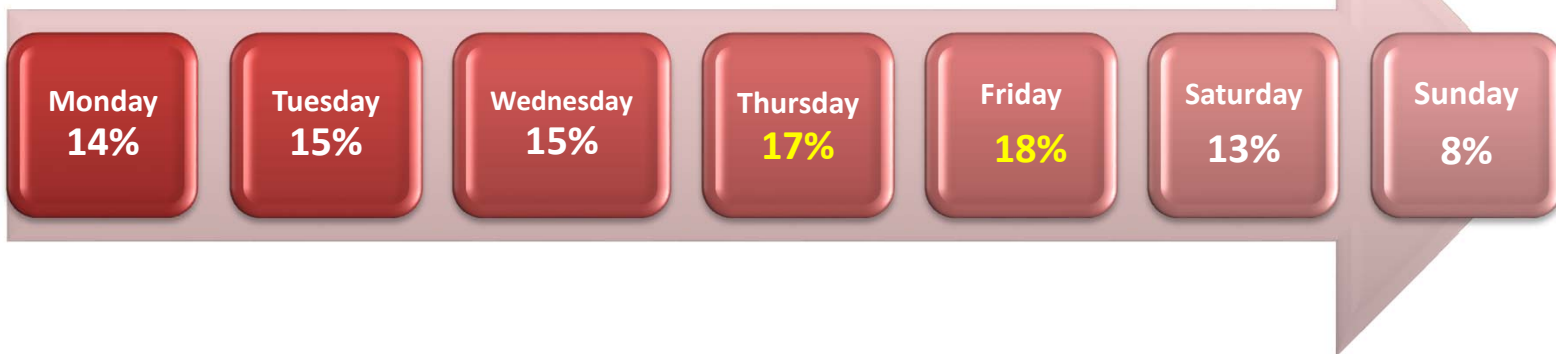
Other Causations



Traffic Accidents by Month/Day for 2017

Month	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total Nr	% of Total
Jan	6	21	14	15	14	20	10	100	9.0%
Feb	5	10	4	15	23	7	9	73	6.6%
Mar	4	10	8	15	12	17	7	73	6.6%
Apr	7	13	15	12	12	12	17	88	7.9%
May	3	19	18	14	12	13	8	87	7.8%
Jun	10	10	22	16	15	14	14	101	9.1%
Jul	8	22	14	7	9	15	6	81	7.3%
Aug	6	10	18	12	16	20	11	93	8.4%
Sep	8	13	13	10	19	27	26	116	10.4%
Oct	11	12	20	15	19	15	10	102	9.2%
Nov	4	7	14	22	14	14	14	89	8.0%
Dec	12	13	8	15	27	21	14	110	9.9%
Total	84	160	168	168	192	195	146	1,113	100.0%

Percentage of Accidents by Day of the Week



- The **average** for traffic accidents for January through December, 2017 was 93 accidents per month.

- There were forty-one (41) traffic accidents involving a vehicle and a deer, five (5) accidents involving another animal and four (4) accidents avoiding an animal. There were likely more incidents involving deer, however they were not reported as accidents. Eight (8) accidents involved a vehicle and a bicycle, four (4) were the fault of the vehicle driver and four (4) were the fault of the bicyclist. There were twenty-eight (28) accidents where the driver was under the influence of alcohol/drugs, eight (8) resulted in an injury. Six (6) accidents involved a pedestrian(s), two (2) of which were the fault of the pedestrian.

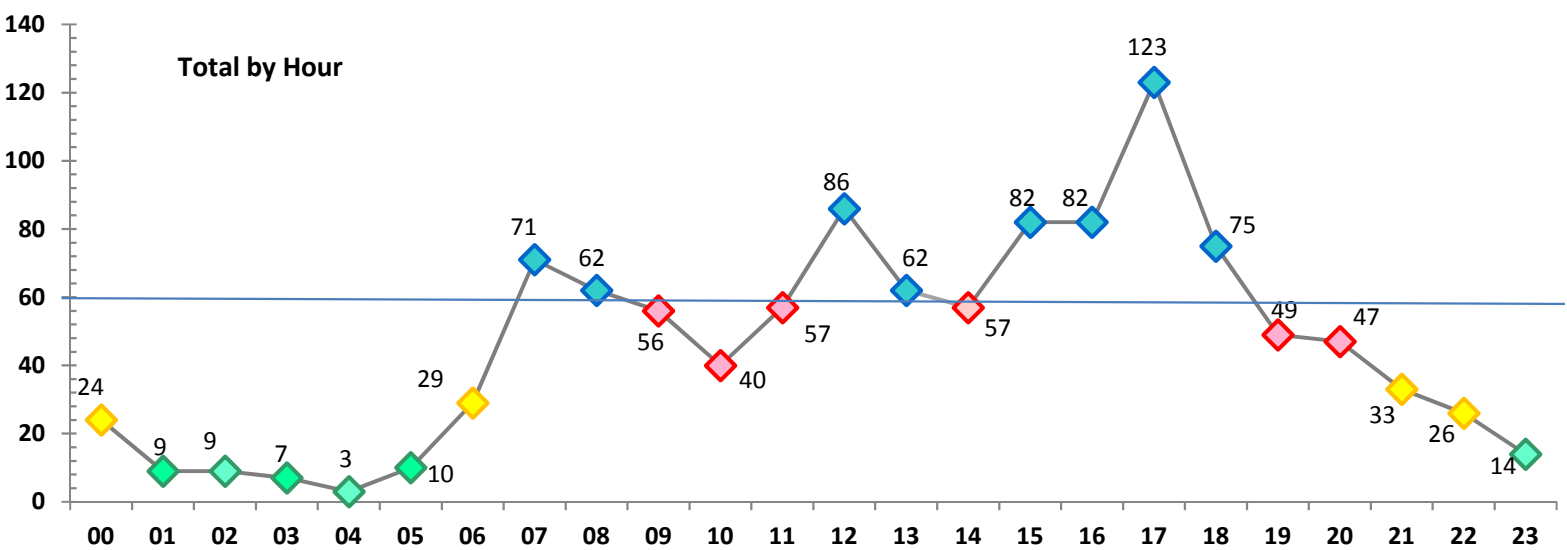
- Seventy-six (76) accidents involved one person that was injured, seventeen (17) accidents had 2 people listed as injured, two (2) listed 3 injuries and two (2) each listed 5 and 6 injuries. Two (2) resulted in a fatality and the remaining 1,014 accidents had no injuries to persons listed.

For the 1,113 Accidents:

<u>Vehicles Involved</u>		<u>Driver of At Fault Vehicle</u>		<u>Age of at Fault Driver</u>			
Single Vehicle	183	Male	480	Under 18	136	46-55	131
Two Vehicles	850	Female	517	18 - 25	226	56-65	103
Three Vehicles	68	Unknown	116	26-35	145	66 and Over	89
Four Vehicles	8			36-45	147	Unknown	136
Five or more	4						

Traffic Accidents by Day/Hour for 2017

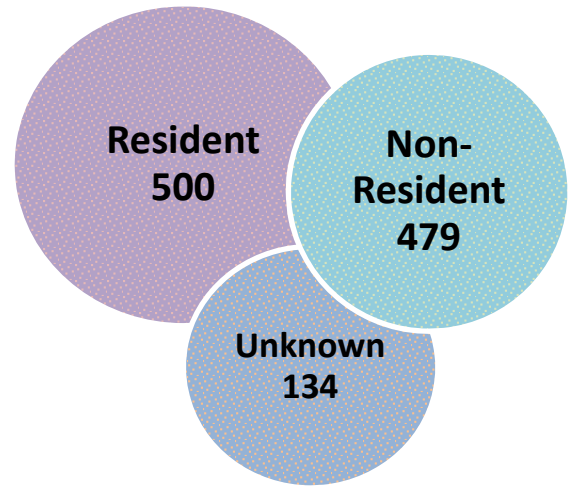
Day/Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
Sunday	1		2	2				5	3	4	3	7	9	2	9	1	7	8	5	5	3	2	3	3	84
Monday	5	1	2	1		3	7	11	10	12	4	9	11	8	8	9	14	13	11	7	8	1	3	2	160
Tuesday	1	2	1		1	2	2	9	8	13	7	10	14	6	12	20	12	17	6	5	7	7	4	2	168
Wednesday	5	1	1	1		1	4	11	11	8	7	8	10	12	5	11	7	36	13	6	5	3	1	1	168
Thursday	1	1				1	7	20	13	6	6	6	13	9	4	15	18	20	16	11	9	9	5	2	192
Friday	4	2	2	1	1	2	3	11	16	5	9	8	18	9	11	16	18	17	15	8	10	4	4	1	195
Saturday	7	2	1	2	1	1	6	4	1	8	4	9	11	16	8	10	6	12	9	7	5	7	6	3	146
Total	24	9	9	7	3	10	29	71	62	56	40	57	86	62	57	82	82	123	75	49	47	33	26	14	1,113



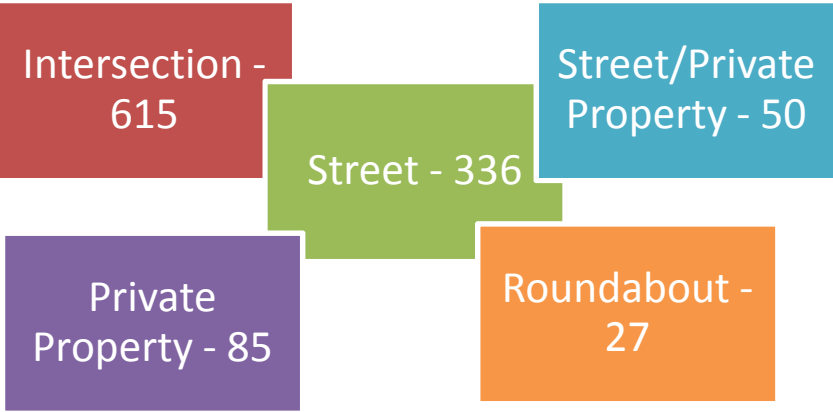
- Overall, the peak hours for accidents were 0700-0859 and 1200-1859 hrs. The total accidents during this time were 700 which accounts for 63% of the traffic accidents for January-December, 2017. There is a drop in accidents between 0900 - 1159 hrs. in comparison to the hours just before and after that time frame. Last year (2016) showed a similar breakdown by hour. There were 796 during the same hours, resulting in 68% of the total accidents.

- Monday - Friday 1500 - 1859 hrs. show the highest concentration of traffic accidents for 2017. This was the same concentration for 2016.

- There were 418 (38%) accidents that involved one vehicle rear ending another vehicle with 267 (64%) occurring at intersections. This remains consistent with 2016 numbers which were 449 accidents where one vehicle rear ended another with 311 occurring at intersections. **High traffic enforcement should be used on Monday-Friday between 1500-1859 hrs.**



- The at fault driver's (driver 1) residential status was determined by the address listed on the traffic accident form. Residents who live within the zip code of Parker, but not our Town boundary (Pinery, Stonegate, etc.) were considered non-resident.



- 615 (55%) of traffic accidents for 2017 occurred near, at or in an intersection.

- The following are additional causations reported for traffic accidents:

- Snow , Ice or rain - 49
- Road Hazard - 7
- Fell Asleep - 4
- Medical Issue - 7
- Equipment Failure - 5
- Sun Glare - 13

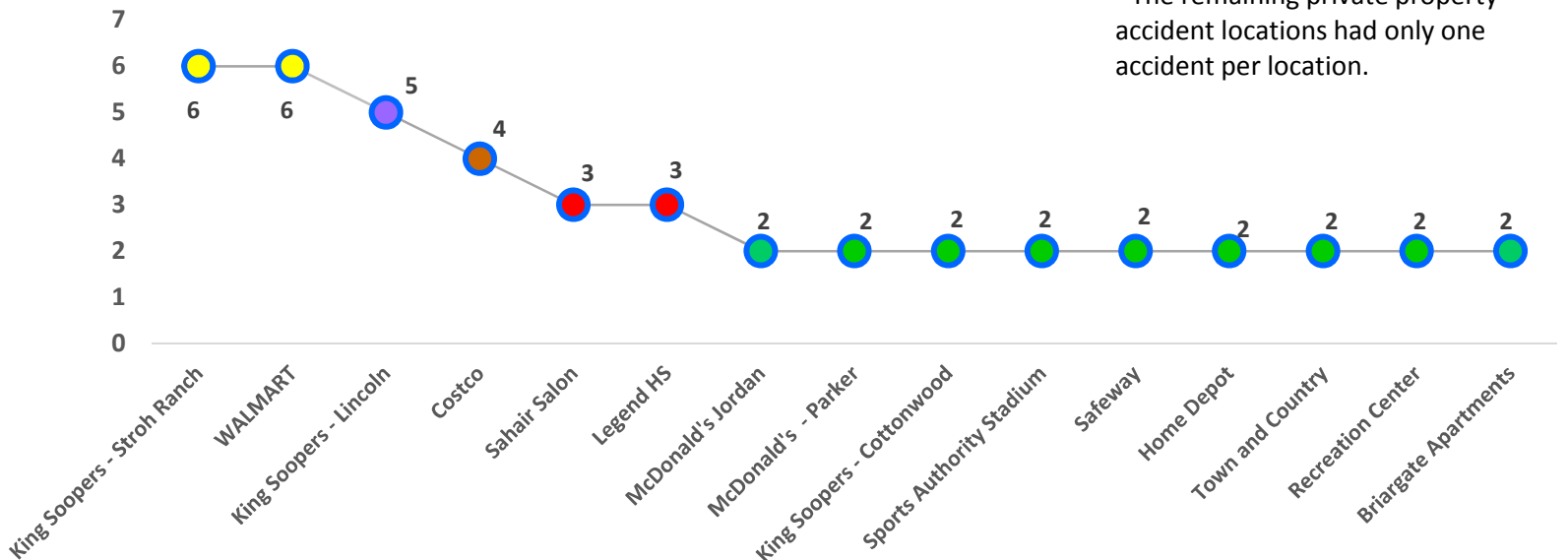
- Parker Rd/Mainstreet had twenty-one (21) rear end accidents with five (5) of those involving the merge lane. Twenty-two (22) citations were issued, most for careless driving.

- Parker Rd/Crown Crest Blvd had twenty-six (26) rear end accidents with eight (8) of those involving the merge lane. Twenty-six (26) citations were issued, most for careless driving.

- Parker Rd/Lincoln Ave had eighteen (18) rear end accidents with seven (7) of those involving the merge lane. Sixteen (16) citations were issued, most for careless driving.

Top Accident Locations	2015	2016	% Change	2016	2017	% Change
Parker Rd/Mainstreet	39	32	-17.9%	32	33	3.1%
Parker Rd/Crown Crest Blvd	31	30	-3.2%	30	30	0.0%
Parker Rd/Lincoln Av	29	36	24.1%	36	24	-33.3%
Parker Rd/Pine Ln	27	34	25.9%	34	23	-32.4%
Lincoln Av/Jordan Rd	22	32	45.5%	32	22	-31.3%
Parker Rd/Ponderosa Dr	14	22	57.1%	22	18	-18.2%
Mainstreet/Twenty Mile Rd	24	16	-33.3%	16	15	-6.3%
Parker Rd/Plaza Dr	12	15	25.0%	15	15	0.0%
Parker Rd/Hess Rd	21	19	-9.5%	19	14	-26.3%
Hilltop Rd/Pine Dr	12	13	8.3%	13	14	7.7%
Mainstreet /Pine Dr	14	13	-7.1%	13	11	-15.4%
Parker Rd/Hilltop Rd	14	15	7.1%	15	9	-40.0%
Mainstreet /Dransfeldt Rd	27	20	-25.9%	20	7	-65.0%
9500 Parker Rd	7	17	142.9%	17	6	-64.7%
Mainstreet /Motsenbocker Rd	9	15	66.7%	15	6	-60.0%
Parker Rd/Woodman Dr	3	16	433.3%	16	4	-75.0%
Jordan Rd/E470	15	12	-20.0%	12	3	-75.0%
Total	320	357	11.6%	357	254	-28.9%

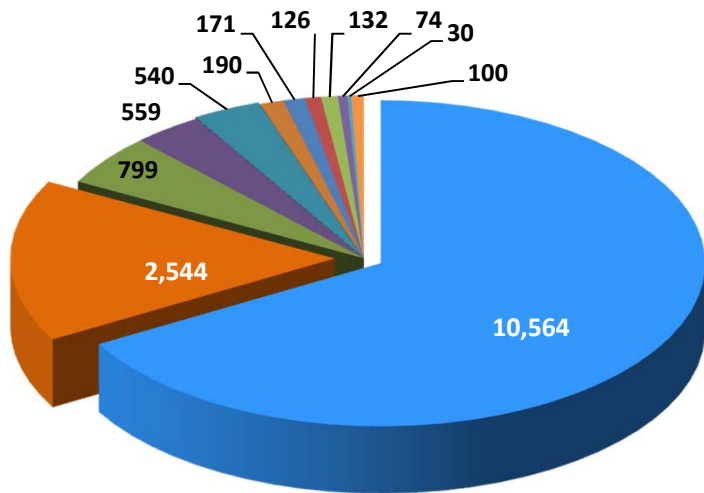
Private Property Accidents



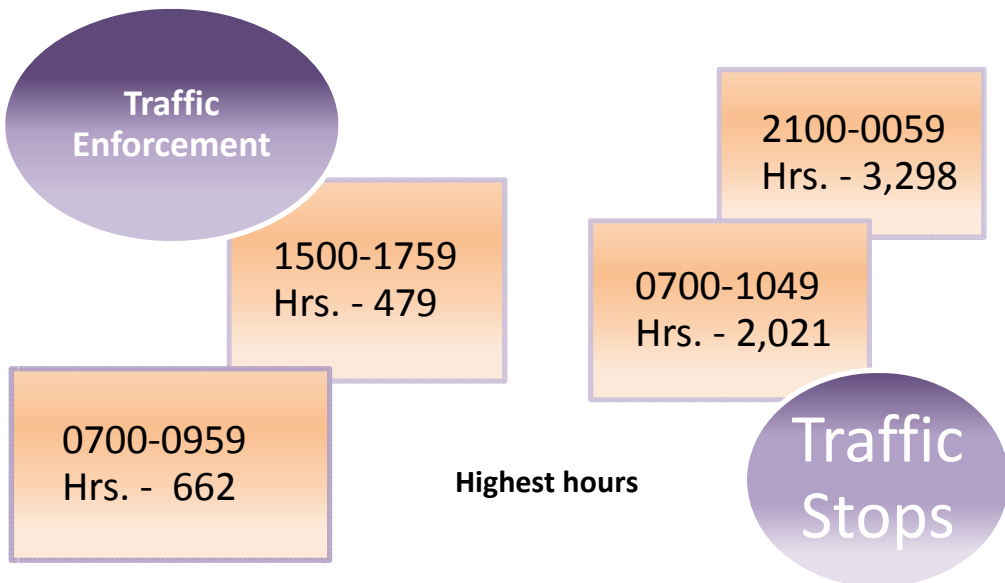
- The remaining private property accident locations had only one accident per location.

Traffic Calls for Service (CAD)

January - December, 2017

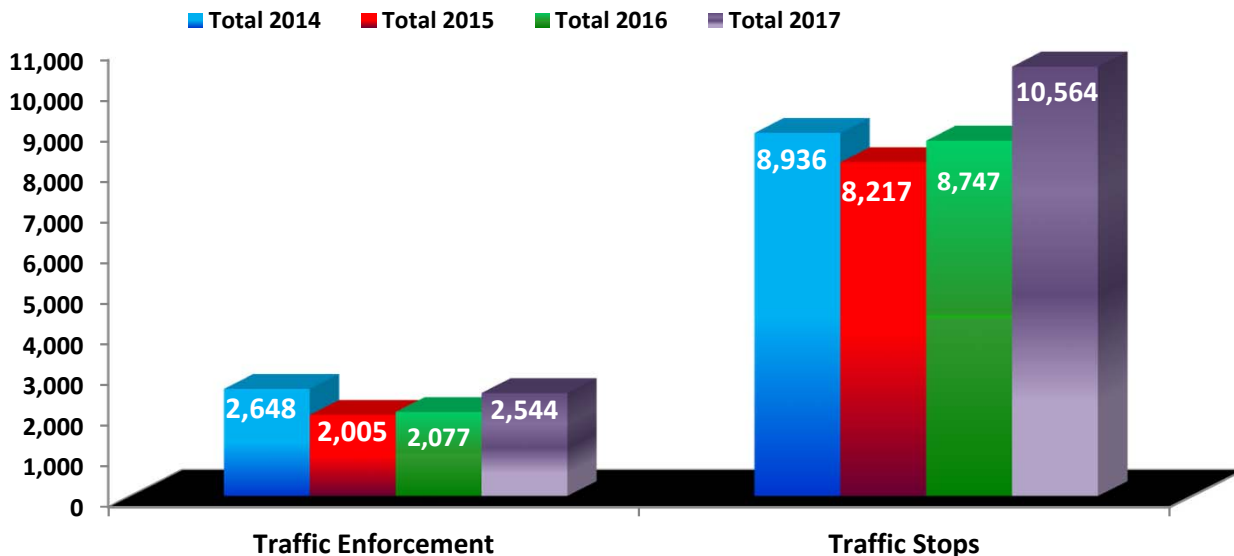


CAD - Traffic Calls	2016	2017	% Change
Traffic Stop	8,747	10,564	21%
Traffic Enforcement	2,077	2,544	22%
Traffic - Careless Driving	772	799	3%
REDDI Report	559	559	0%
Traffic Hazard	526	540	3%
Traffic - Road Rage	196	190	-3%
Traffic Control	192	171	-11%
DUI - Alcohol	151	126	-17%
Driving Under Restraint	99	132	33%
Traffic Offense	67	74	10%
DUI - Drugs	28	30	7%
Traffic Survey	15	100	567%
Total	13,429	15,829	18%



- Traffic stops comprised 67% of all traffic calls in CAD for 2017.

- 94% of Traffic - Careless Driving calls were received by 911 or 10 digit emergency calls. Fifteen (15) citations and eighty-three (83) warnings were issued, however 58% were GOA (gone on arrival).

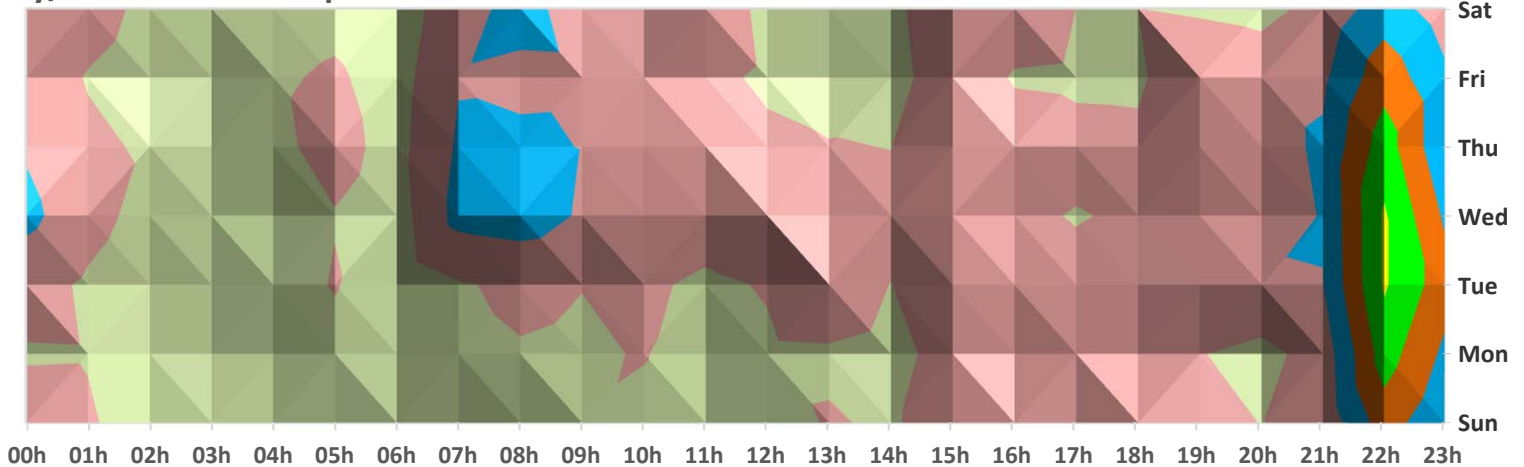


- There was a 5.9% increase for 2016 over 2015 for Traffic Enforcement and Traffic Stops.

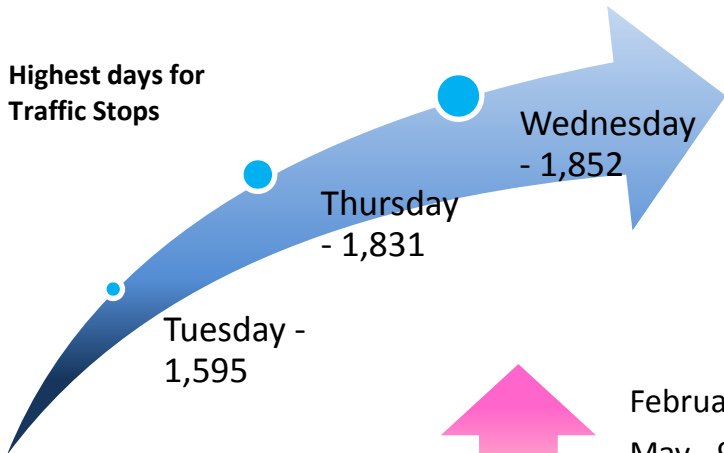
- There was a 21% increase for 2017 over 2016 for Traffic Enforcement and Traffic Stops.

Day/Hour - Traffic Stops

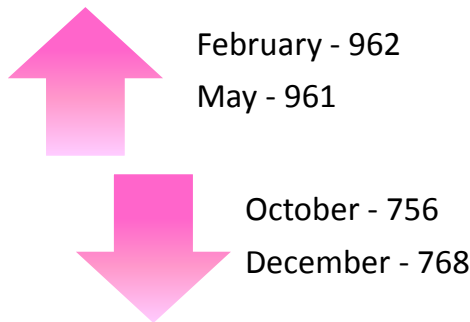
0-50 50-100 100-150 150-200 200-250 250-300



Highest days for Traffic Stops



High/Low months for Traffic Stops

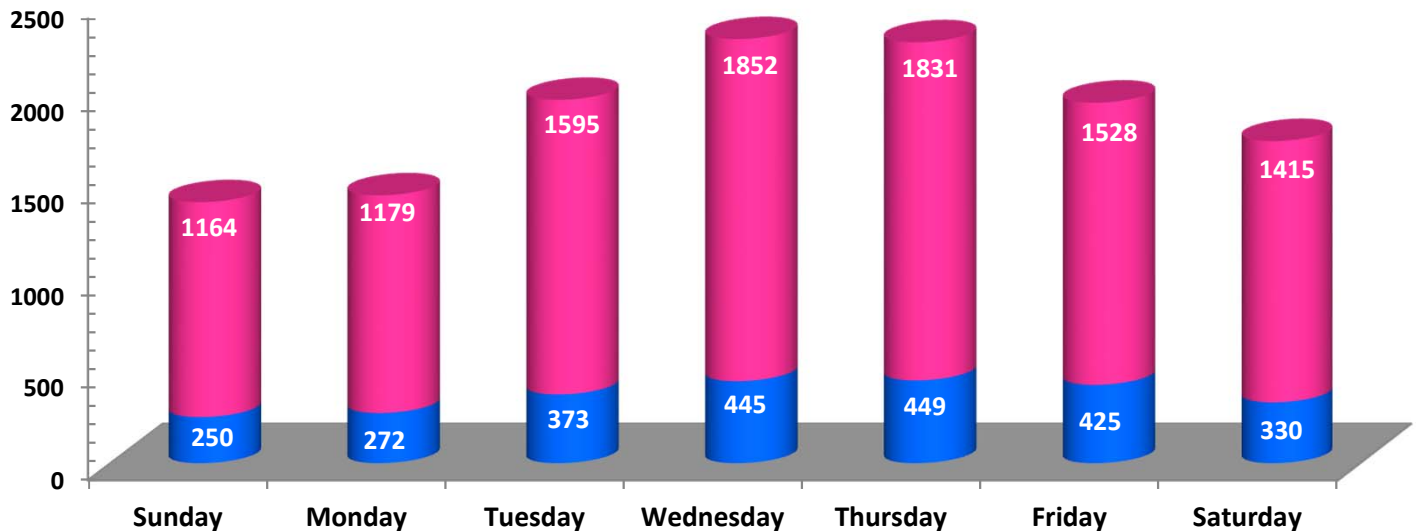


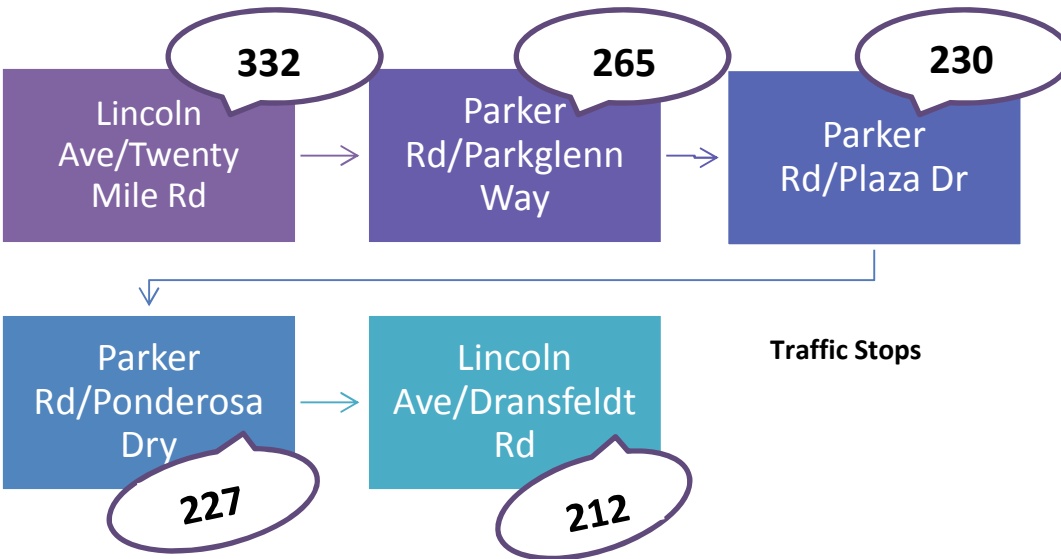
- 73% of traffic stops resulted in a disposition other than an arrest or citation, and 27% of traffic stops resulted in a citation/arrest for 2017. This reflects slightly less citations than 2016 (69%/31%) and 2015 (69%/31%).

- In addition, there were 477 traffic stops that resulted in a change of problem type in CAD. The most frequent changes were:

- 1) Driving W/Under Restraint - 116
- 2) Warrant Arrest - 91
- 3) DUI - 60
- 4) Drug Offense - 56

Traffic Enforcement Traffic Stop





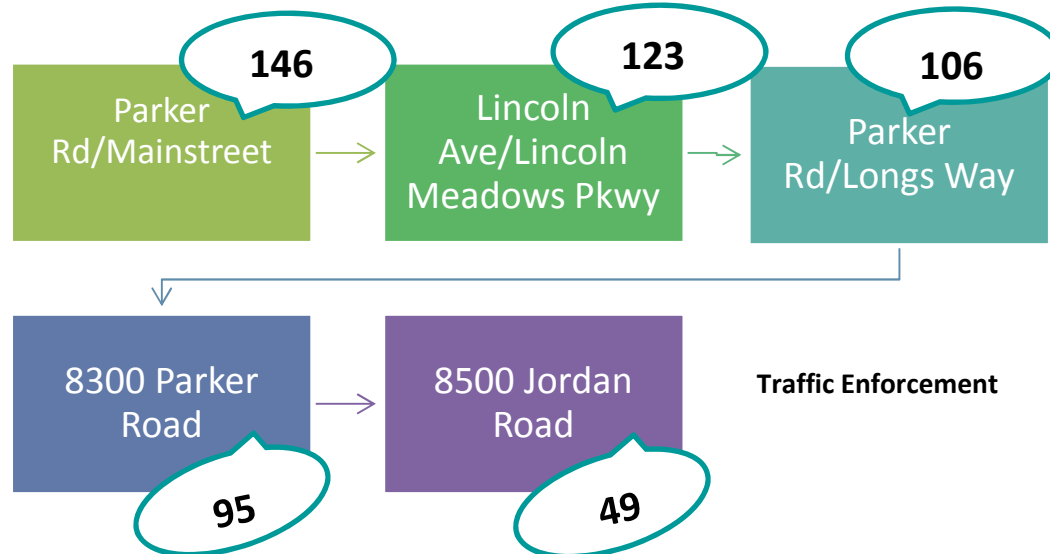
The top five (5) locations for traffic stops for 2017.

- Lincoln Ave/Twenty Mile Rd - 38 Citations
- Parker Rd/Parkglenn Way - 24 Citations
- Parker Rd/Plaza Drive - 60 Citations
- Parker Rd/Ponderosa - 52 Citations
- Lincoln Ave/Dransfeldt Rd - 23 Citations

The top five (5) locations for traffic enforcement for 2017.

- Parker Rd/Mainstreet - 182 Citations
- Lincoln Ave/Lincoln Meadows Pkwy - 184 Citations
- Parker Rd/Longs Way - 58 Citations
- 8300 Parker Road - 59 Citations
- 8500 Jordan Road - 42 Citations

- The top five (5) locations resulted in 518 traffic enforcement and 525 citations. This was 20% of the total



- The top five (5) locations resulted in 1,266 traffic stops and 197 citations. This was 12% of the total traffic stops (1,266/10,564).

-These locations are based on the traffic stop/traffic enforcement in CAD and the citation location in RMS.

However, some citations may have occurred at other locations. Example: Parker Rd/Plaza Dr traffic stops could be for violations at Parker Rd/Mainstreet.

- Of the top seven (7) speeding citation locations three (3), in green highlights, were also in the top traffic enforcement locations.

Top Speeding Citation Locations	Total
Lincoln Ave/Lincoln Meadows Pkwy	148
Lincoln Ave/Riverstone Dr	51
7600 Crowfoot Valley Rd	42
17500 Lincoln Ave	34
Hilltop Rd/Narrow Pine Pkwy	33
8500 Jordan Rd	31
8300 Parker Rd	26
All Other Locations	626
Total	991



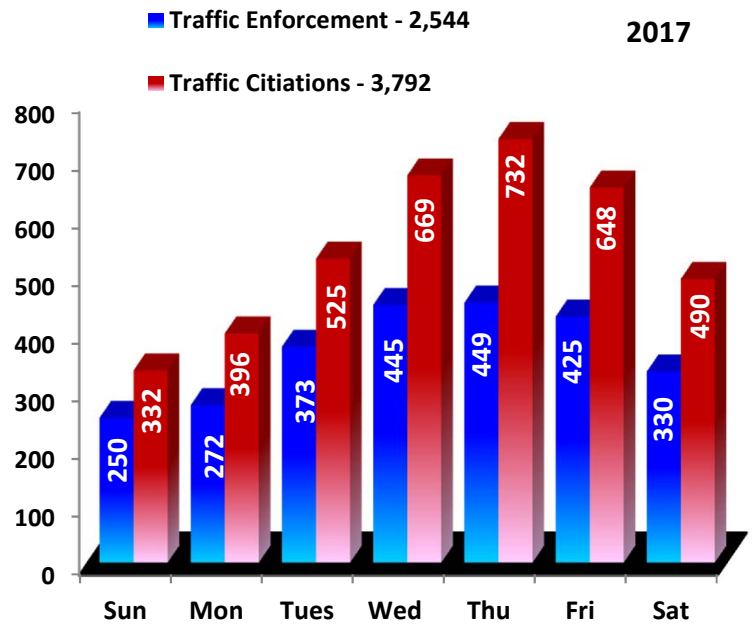
Thursday,
Wednesday,
Friday



Sunday and
Monday

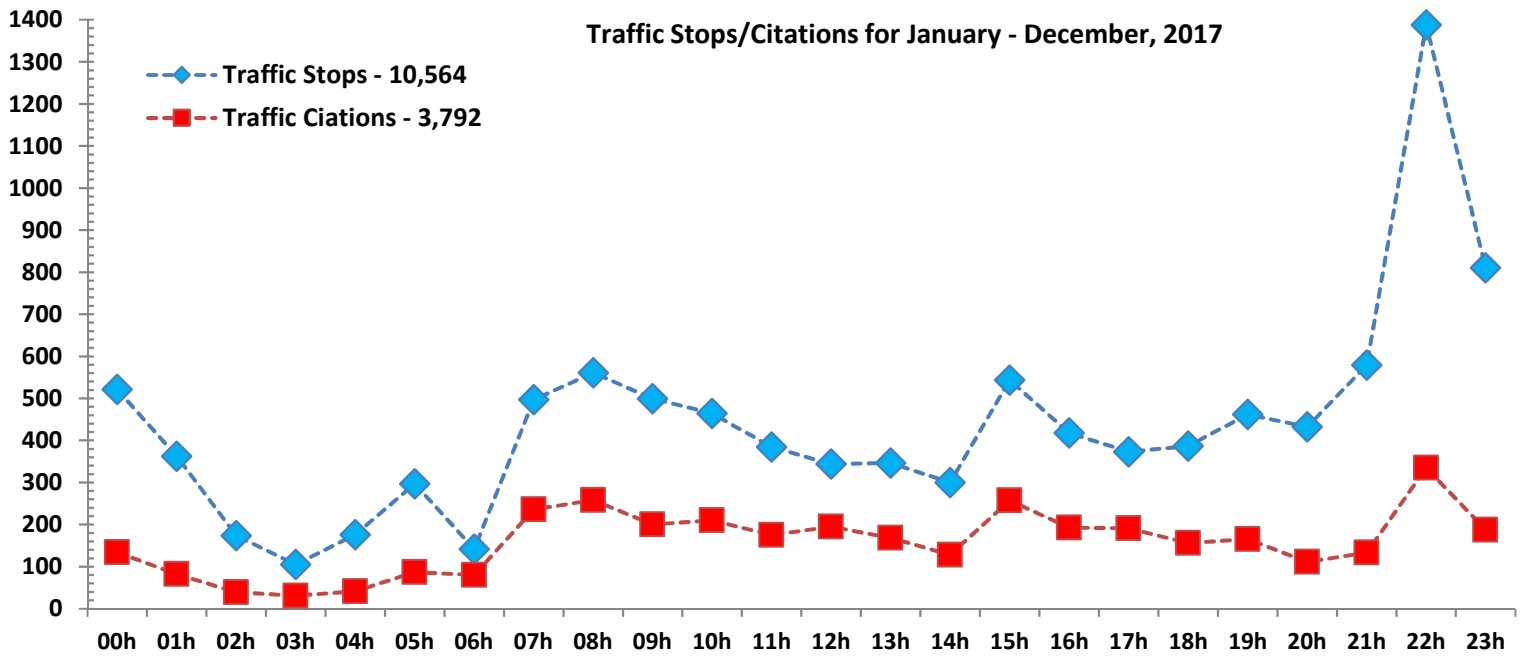
- Traffic Enforcement activities were highest Thursday, Wednesday and Friday and lowest on Sunday and Monday.

- The number of citations written does appear to correlate with the number of traffic enforcement activities. The highest days for citations were Thursday, Wednesday and Friday and the lowest were Sunday and Monday.



Traffic Stops/Citations by Hour/Month - 2017

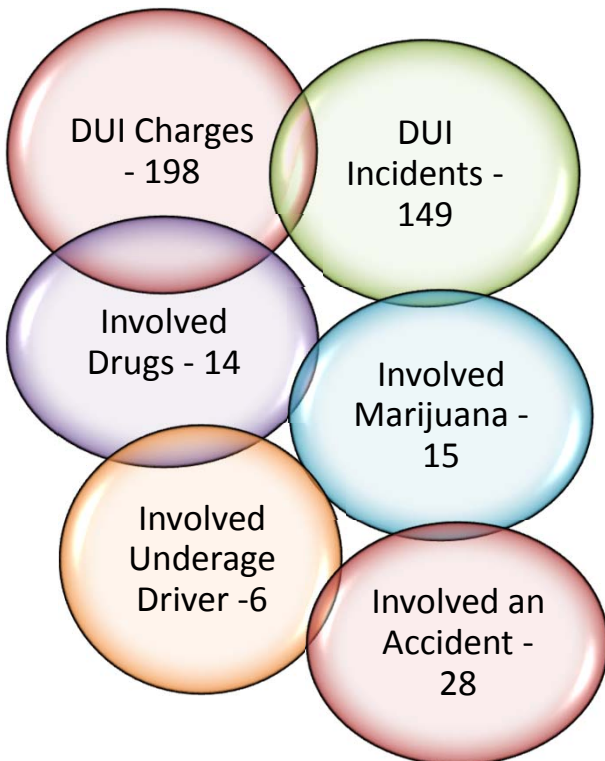
Hour	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Citations	Cite%
h00	31	43	47	43	38	57	43	48	57	46	40	28	521	134	26%
h01	38	36	36	22	21	29	37	38	35	25	24	21	362	82	23%
h02	9	13	16	10	15	23	18	19	19	4	10	18	174	39	22%
h03	8	9	7	7	1	11	12	15	17	6	7	5	105	31	30%
h04	7	8	12	8	3	18	12	20	39	22	14	13	176	41	23%
h05	12	9	6	7	24	21	20	50	51	30	42	25	297	87	29%
h06	20	10	12	14	16	13	6	11	11	12	7	10	142	80	56%
h07	55	45	44	49	47	37	42	34	40	38	37	29	497	236	47%
h08	55	62	61	43	54	40	32	49	64	34	41	26	561	258	46%
h09	31	40	67	45	72	41	36	51	31	34	18	33	499	200	40%
h10	34	65	63	33	57	35	39	44	21	17	19	37	464	210	45%
h11	28	42	38	33	51	35	18	45	37	22	15	20	384	175	46%
h12	35	43	29	41	43	33	20	22	18	21	23	16	344	195	57%
h13	42	47	30	33	47	23	18	18	26	27	22	13	346	168	49%
h14	24	42	12	23	38	25	23	28	20	17	29	19	300	128	43%
h15	43	44	52	53	49	39	43	40	26	45	52	57	543	257	47%
h16	39	44	35	29	48	31	50	27	18	29	30	38	418	193	46%
h17	31	33	34	21	36	31	41	23	15	34	35	39	373	191	51%
h18	35	28	42	34	31	31	41	28	22	22	33	40	387	156	40%
h19	39	42	48	34	31	41	39	37	18	48	43	42	462	165	36%
h20	32	31	45	31	23	49	40	46	33	23	34	45	432	111	26%
h21	45	47	61	36	43	53	57	49	50	36	58	44	579	133	23%
h22	116	114	90	113	103	128	130	119	136	103	141	95	1388	335	24%
h23	67	65	62	47	70	72	76	84	85	61	66	55	810	187	23%
Total	876	962	949	809	961	916	893	945	889	756	840	768	10,564	3,792	36%



- The numbers in blue in the above chart represents 70 or more traffic stops per hour, orange represents 50-74 traffic stops per hour and green covers 40-49 traffic stops per hour for January - December, 2017.

- The highest number of traffic stops occurred in the month of February with 962 and 369 resulting in citations (38%). The lowest number of traffic stops occurred in the month of October with 756 and 250 (33%) resulting in citations.

Total traffic citation charges for 2017 were 4,642. The highest traffic charge for the second violation was failed to present evidence of Insurance, no insurance in possession and no insurance with 182 followed by license/registration offenses with 175.



DUI Charges - January - December, 2017	Total
Driving Under Restraint Alcohol/Drug Related Offense	7
Driving While Ability Impaired by Alcohol/Drugs	7
Drove Vehicle w/Excessive Alcohol Content in Breath per SE	2
Drove Vehicle When Blood Alcohol Content > 0.08	45
Drove Vehicle While Under the Influence of Alcohol	3
Drove Vehicle While Under the Influence of Alcohol/Drugs	133
Drove Vehicle While Under the Influence of Drugs	1
Total	198

- There were 198 charges relating to driving under the influence for 2017, this was a -22% decrease from 2016 (254).

- There were 149 incidents resulting in those charges for 2017 which was a -21% decrease from 2016 (189).

- Bars involved in DUI incidents for 2017 were Tailgate (7), Funugyz (6), 20 Mile Tap House (4), Boondocks (3), all other bars (14).

Traffic Citations - 2017	Citations (Primary)	Citation Secondary Charges	Written Warning (Primary)	Written Warning Secondary Charge
Speeding	993	53	1,670	15
License/Registration	755	256	449	8
Careless Driving	520	21	179	2
Stop Sign/Red Light	393	6	710	14
No Evidence of or Uninsured	224	257	37	18
Right of Way	202	8	156	
Equipment	140	108	2,208	68
Seat Belt	116	20	3	3
Other Hazardous	71	47	208	7
Unsafe Backing/Starting	71	2	1	
Improper Turn	50	8	259	15
Parking Violation	48		22	2
Unsafe Lane Change	37	1	57	5
Other	31	15	149	3
Following too Close	28	4	38	3
Turn Signal	25	9	155	23
Weaving	24	15	225	15
Parking "For Sale"	14		2	
Parked Handicapped	11		5	
Pedestrian Right of Way	11	2	10	
Alcohol Related	10	11		
Parked In Fire Lane	8	1		
Improper Passing	5			
Hit and Run	3	5		
Failed to Notify of Accident	1	1		
Wrong Side of Road	1		10	2
Total	3,792	850	6,553	203

- Citations for January - December, 2017 are based on the primary violation written on the citation. **All information on citations in this section is based on the primary charge only.**

- The top three (3) citation and written warnings locations are the same, but in a slightly different order

- The top citation location of Parker Rd/Mainstreet had fifty-five (30%) citations and sixty-eight (20%) written warnings for stop sign/red light violations.

- Lincoln Ave/Lincoln Meadows Pkwy had 151 (83%) citations and 202 (88%) written warnings for speeding violations.

- Parker Rd/Lincoln Ave had fifty-three (49%) citations for license or registration violations and 158 (51%) written warnings for equipment violations (headlights, taillights, etc.).

Parker Rd/Mainstreet - 182

Lincoln Ave/Lincoln Meadows PW - 182

Parker Rd/Lincoln Ave - 108

Top three (3) citation locations



Parker Rd/Mainstreet - 340

Parker Rd/Lincoln Ave - 308

Lincoln Ave/Lincoln Meadows PW - 229

Top three (3) written warning locations





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