



PARKER
C O L O R A D O

March 29, 2019

Traffic Report

2018



Mainstreet

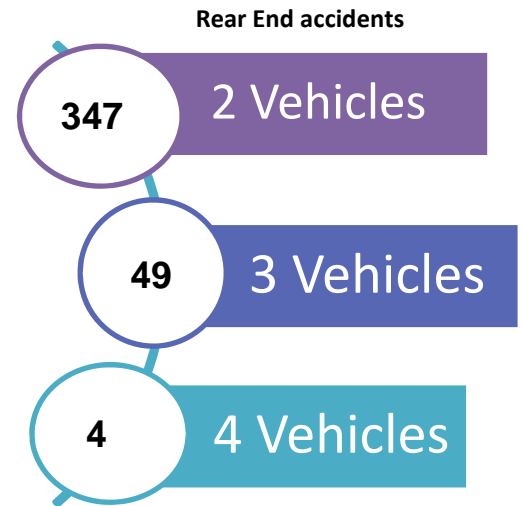
Parker Road



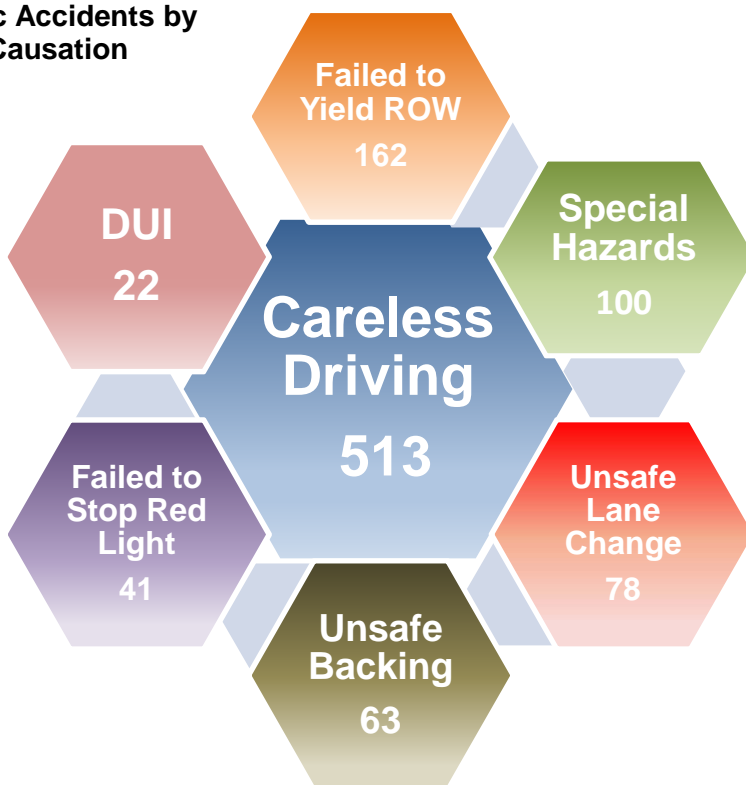
**Parker
Police Department**

Crime Analysis - L. Milord

- There were a total of 1,089 traffic accidents for January - December, 2018.
- Where it could be determined by information on the accident report, the most common type of accident was one vehicle rear ending another (400). This type of accident accounted for 37% of the accidents for 2018. In 2017 this type of accident accounted for 35% of accidents.
- There were 591 (54%) accidents that occurred at intersections or near intersections relating to the traffic lights and congestion. Twenty-seven (27) of those accidents occurred in the merge lane.
- 335 (31%) of the accidents occurred on the street and the remaining accidents were a combination of roundabout (28), private property (76) and street/private property accidents (59).



Traffic Accidents by Causation



- There were a total of thirty (32) people reported injured and no fatalities in the rear end accidents.

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

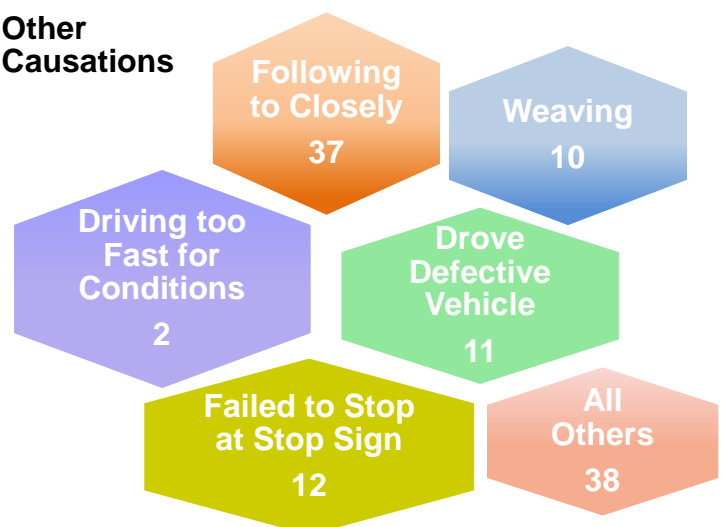
- There were six (6) injuries for private property and parking lot accidents. The one fatality was a pedestrian that was hit by a car while crossing the street.

- There was a **-2.2%** decrease in traffic accidents for 2018 (1,089) over 2017 (1,113) and a **-6.7%** decrease 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.

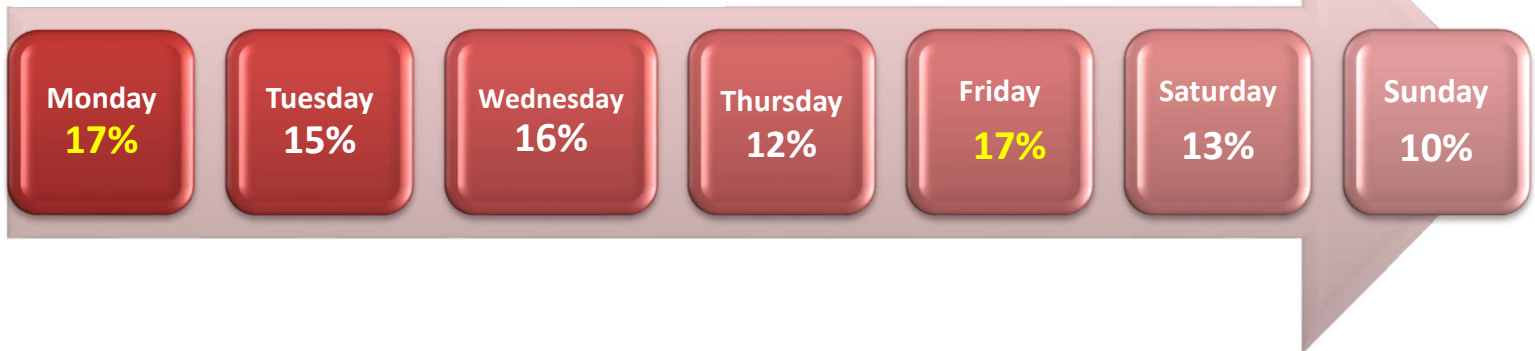
Other Causations



Traffic Accidents by Month/Day for 2018

Month	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total Nr	% of Total
Jan	8	28	12	20	7	10	9	94	8.6%
Feb	5	9	14	16	13	12	21	90	8.3%
Mar	5	19	11	13	12	23	9	92	8.4%
Apr	6	24	9	11	11	13	12	86	7.9%
May	11	13	20	18	12	15	14	103	9.5%
Jun	13	8	11	13	6	22	12	85	7.8%
Jul	12	16	12	9	7	14	12	82	7.5%
Aug	8	13	12	14	14	21	8	90	8.3%
Sep	6	6	14	13	14	14	14	81	7.4%
Oct	6	18	17	18	14	19	6	98	9.0%
Nov	10	12	14	17	11	14	3	81	7.4%
Dec	14	24	14	11	9	12	23	107	9.8%
Total	104	190	160	173	130	189	143	1,089	100.0%

Percentage of Accidents by Day of the Week



- The **average** for traffic accidents for January through December, 2018 was 91 accidents per month.

- There were Fifty (50) traffic accidents involving a vehicle and a deer, five (5) accidents involving a dog and two (2) accidents avoiding an animal. There were likely more incidents involving deer, however they were not reported as accidents. Nine (9) accidents involved a vehicle and a pedestrian, five (5) were the fault of the vehicle driver, three (3) were the fault of the pedestrian and one (1) was undetermined. There were twenty-two (22) accidents where the driver was under the influence of alcohol/drugs, four (4) resulted in an injury.

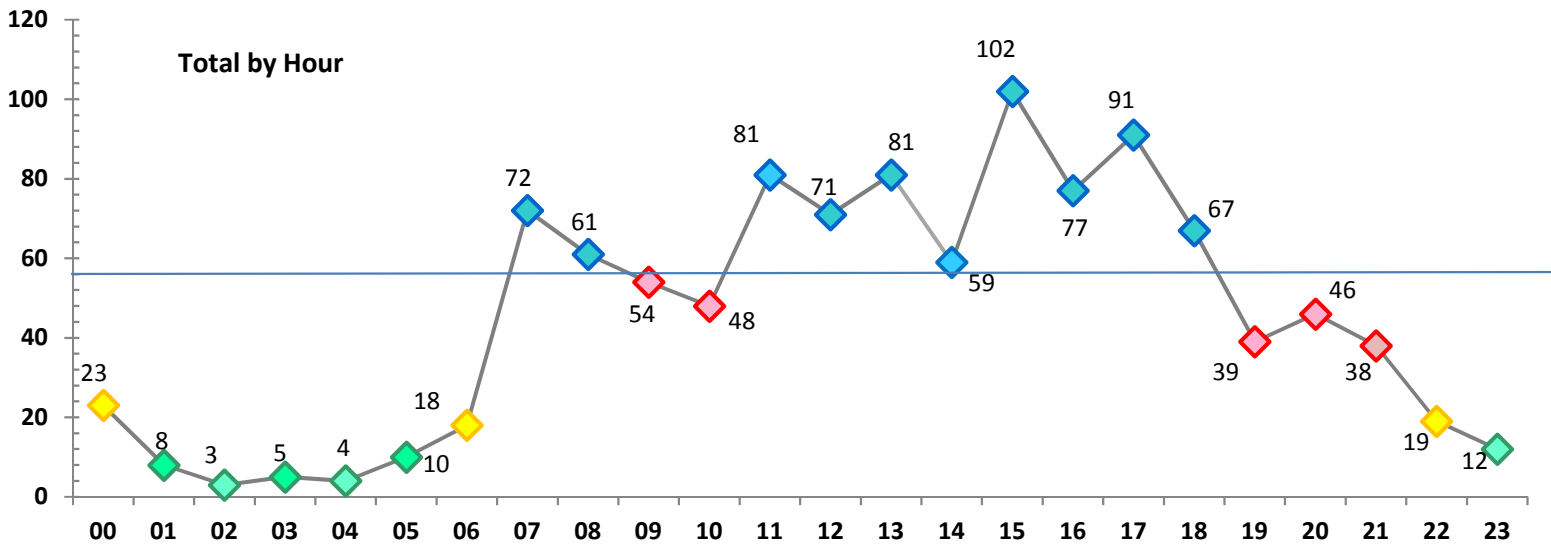
- Seventy-eight (78) accidents involved one person that was injured, thirteen (13) accidents had 2 people listed as injured, five (5) listed 3 injuries and 993 accidents had no injuries reported. One (1) accident involved a fatality, which was a pedestrian.

For the 1,089 Accidents:

<u>Vehicles Involved</u>		<u>Driver of At Fault Vehicle</u>		<u>Age of at Fault Driver</u>			
Single Vehicle	176	Male	526	Under 18	120	56-65	86
Two Vehicles	836	Female	454	18 - 25	196	66 and Over	100
Three Vehicles	71	Unknown	109	26-35	187	Unknown	119
Four Vehicles	5			36-45	155		
Five or more	1			46-55	126		
Total 1,089		Total 1,089		Total 1,089			

Traffic Accidents by Day/Hour for 2018

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	1	1	1	2	1		3	3	6	5	6	3	7	7	9	7	7	13	4	4	6		6	103
Monday	1	1		2		2	4	18	10	12	12	16	11	9	13	21	13	11	16	6	4	5	2	2	191
Tuesday	4					3	3	13	11	7	5	13	10	14	5	17	13	12	9	6	9	3	3	1	161
Wednesday	6	1				2	5	15	8	8	4	7	9	10	11	19	17	19	8	8	7	5	2	1	172
Thursday	2						2	8	14	6	7	12	11	9	4	9	11	12	6	5	5	5	1		129
Friday	5	3	1			1	3	13	11	6	6	14	14	13	13	18	12	16	9	6	10	7	5	2	188
Saturday	4	2	1	2	2	1	1	2	4	9	9	13	13	19	6	9	4	14	6	4	7	7	6		145
Total	23	8	3	5	4	10	18	72	61	54	48	81	71	81	59	102	77	91	67	39	46	38	19	12	1,089

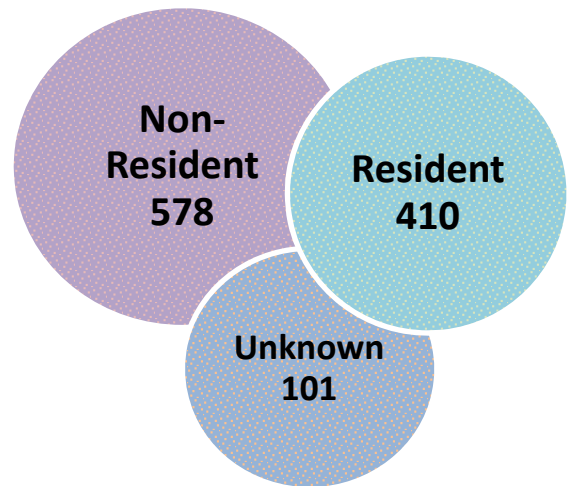


- Overall, the peak hours for accidents were 0700-0859 and 1100-1859 hrs. The total accidents during this time were 762 which accounts for 70% of the traffic accidents for January-December, 2018. There is a drop in accidents between 0900 - 1159 hrs in comparison to the hours just before and after that time frame. The last two years (2017/2016) also showed a similar breakdown by hour. There were 700 (63%) accidents for 2017 and 762 (68%) accidents for 2016 for the same time period.

- Monday - Friday 1500 - 1859 hrs. show the highest concentration of traffic accidents for 2018. This was the same concentration for 2017/2016.

- There were 401 (37%) accidents that involved one vehicle rear ending another vehicle with 263 (66%) occurring at intersections. This remains consistent with 2017 numbers which were 418 accidents where one vehicle rear ended another with 267 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.



Intersection - 591

Street/Private Property - 56

Street - 338

Private Property - 76

Roundabout - 28

- 591 (54%) traffic accidents for 2018 occurred near, at or in an intersection.

- The following are additional causations reported for traffic accidents:

- Snow , Ice or rain - 55
- Road Hazard - 7
- Fell Asleep - 5
- Medical Issue - 12
- Equipment Failure - 7
- Sun Glare - 14

- Jordan Rd/Lincoln Ave had seventeen (17) rear end accidents with three (3) of those involving the at fault driver being distracted by something in the vehicle and thirteen (13) citations were issued, most for careless driving.

- Parker Rd/Mainstreet had thirteen (13) rear end accidents with three (3) of those involving the merge lane. Eleven (11) citations were issued, most for careless driving.

- The top accident locations have shifted this year from the previous years. Parker Rd/Crown Crest Blvd was not in the top five for 2018 and Parker Rd/Hess Rd was in the

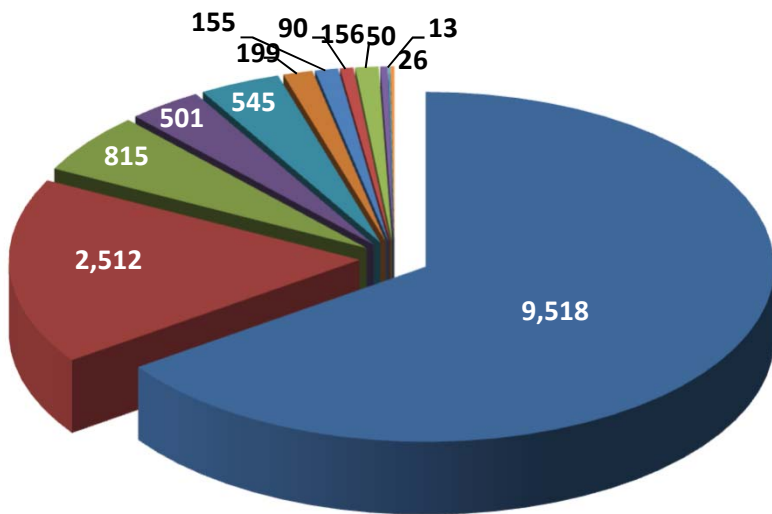
Top Accident Locations	2016	2017	% Change	2017	2018	% Change
Jordan Rd/Lincoln Av	32	22	-31.3%	22	46	109.1%
Parker Rd/Mainstreet	32	33	3.1%	33	28	-15.2%
Parker Rd/Hess Rd	19	14	-26.3%	14	27	92.9%
Parker Rd/Lincoln Av	36	24	-33.3%	24	27	12.5%
Mainstreet /Pine Dr	13	11	-15.4%	11	26	136.4%
Parker Rd/Ponderosa Dr	22	18	-18.2%	18	23	27.8%
9500 Parker Rd (btwn Pine Ln/Ponderosa)	17	6	-64.7%	6	23	283.3%
Parker Rd/Crown Crest Blvd	30	10	-66.7%	10	21	110.0%
Parker Rd/Hilltop Rd	15	9	-40.0%	9	16	77.8%
Parker Rd/Cottonwood Dr	8	19	137.5%	19	15	-21.1%
Parker Rd/Pine Ln	34	23	-32.4%	23	15	-34.8%
Parker Rd/Plaza Dr	15	15	0.0%	15	15	0.0%
Mainstreet /Twenty Mile Rd	16	15	-6.3%	15	13	-13.3%
Mainstreet /Dransfeldt Rd	20	7	-65.0%	7	12	71.4%
Jordan Rd/Village Center Dr	4	4	0.0%	4	11	175.0%
Jordan Rd/E470	12	3	-75.0%	3	11	266.7%
Mainstreet /Jordan Rd	10	11	10.0%	11	11	0.0%
Total	325	233	-28.3%	233	329	41.2%

Private Property Accidents

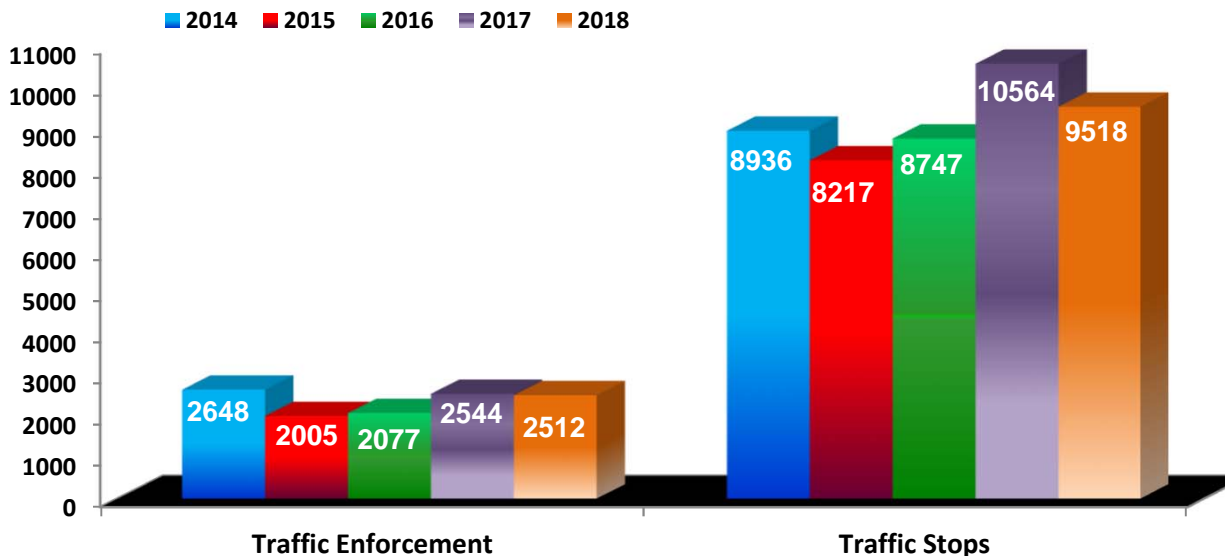
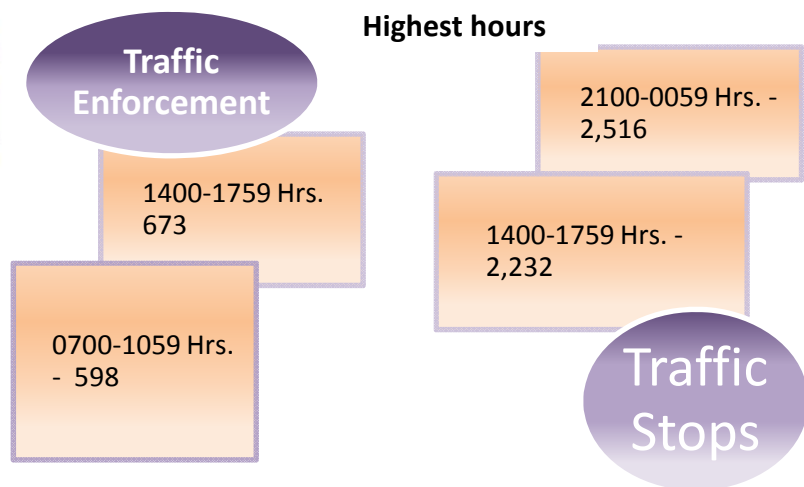


- The remaining private property accident locations had only one accident per location.

CAD - Traffic Calls	2016	2017	% Change	CAD - Traffic Calls	2017	2018	% Change
Traffic Stop	8,747	10,564	21%	Traffic Stop	10,564	9,518	-10%
Traffic Enforcement	2,077	2,544	22%	Traffic Enforcement	2,544	2,512	-1%
Traffic - Careless Driving	772	799	3%	Traffic - Careless Driving	799	815	2%
REDDI Report	559	559	0%	REDDI Report	559	501	-10%
Traffic Hazard	526	540	3%	Traffic Hazard	540	545	1%
Traffic - Road Rage	196	190	-3%	Traffic - Road Rage	190	199	5%
Traffic Control	192	171	-11%	Traffic Control	171	155	-9%
DUI - Alcohol	151	126	-17%	DUI - Alcohol	126	90	-29%
Driving Under Restraint	99	132	33%	Driving Under Restraint	132	156	18%
Traffic Offense	67	74	10%	Traffic Offense	74	50	-32%
DUI - Drugs	28	30	7%	DUI - Drugs	30	13	-57%
Traffic Survey	15	100	567%	Traffic Survey	100	26	-74%
Total	13,429	15,829	18%	Total	15,829	14,580	-8%



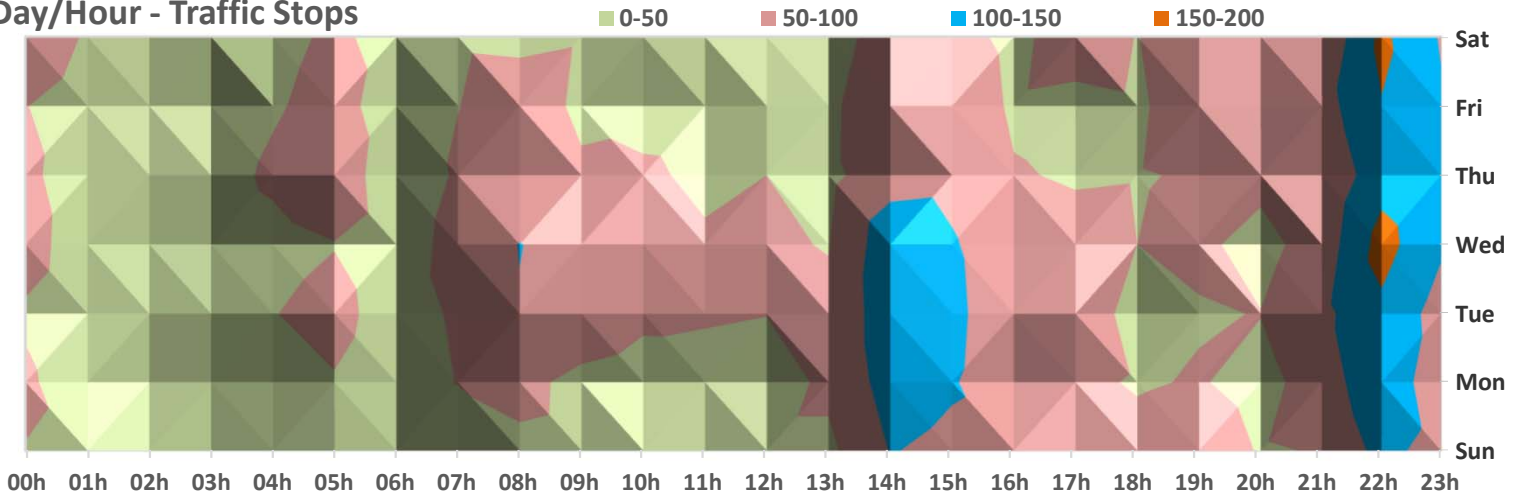
- Traffic stops comprised 65% of all traffic calls in CAD and traffic enforcement comprised 17% of all traffic calls in CAD for 2018.



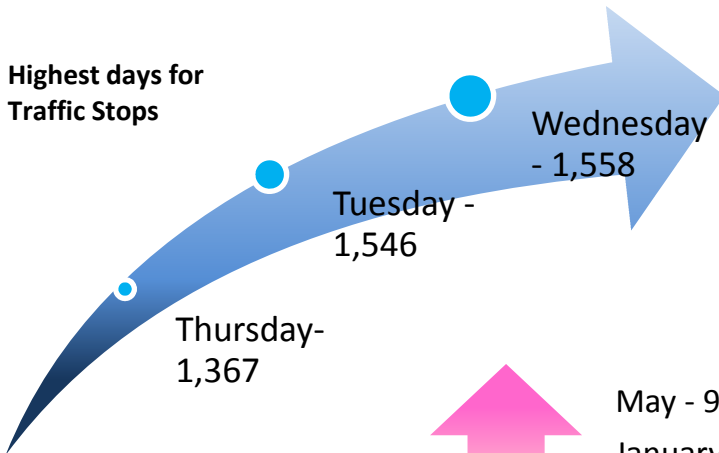
- There was a 21% increase for 2017 over 2016 for Traffic Enforcement and Traffic Stops.

- There was a -8.2% decrease for 2018 over 2017 for Traffic Enforcement and Traffic Stops

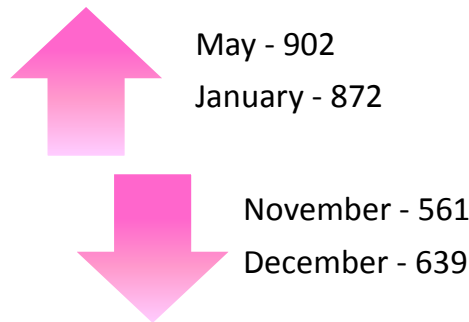
Day/Hour - Traffic Stops



Highest days for Traffic Stops



High/Low months for Traffic Stops

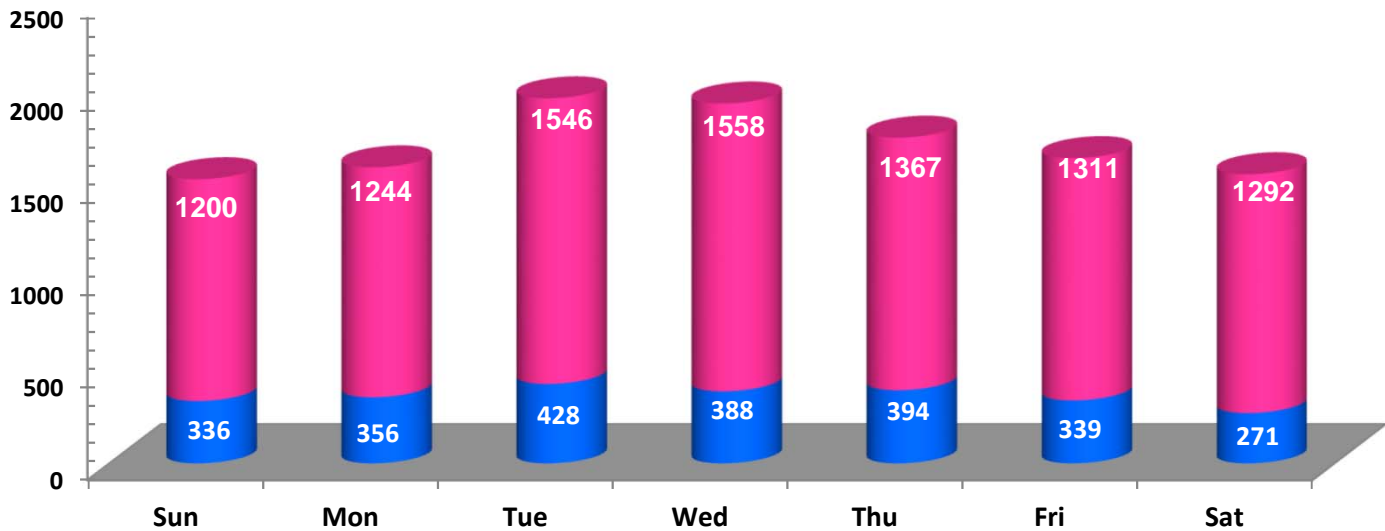


- 78% of traffic stops resulted in a disposition other than an arrest or citation, and 22% of traffic stops resulted in a citation/arrest for 2018. This reflects slightly less citations than 2017 (73/27%), 2016 (69%/31%) and 2015 (69%/31%).

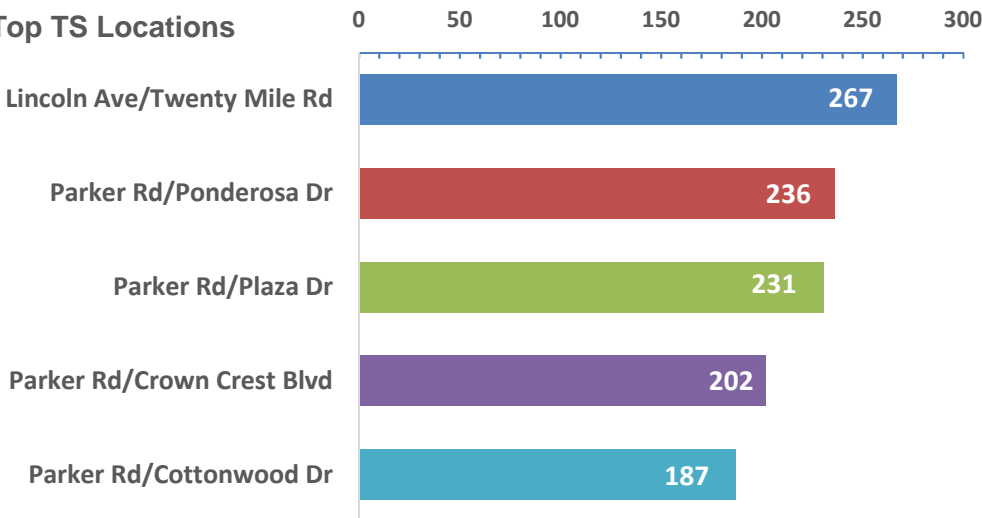
- In addition, there were 225 traffic stops that resulted in a change of problem type other than a traffic offense in CAD. The most frequent changes were:

- 1) Warrant Arrest - 83
- 2) Drug Offense - 39
- 3) Motorist Assist - 21

Traffic Enforcement Traffic Stop



Top TS Locations



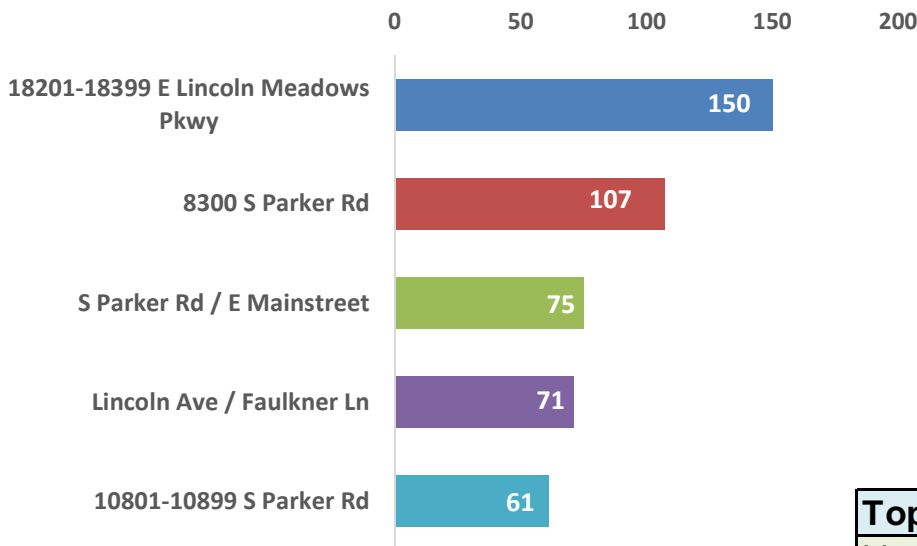
The top five (5) locations for traffic stops for 2018.

- Lincoln Ave/Twenty Mile Rd -- 98 citations
- Parker Rd/Ponderosa Dr - 58 Citations
- Parker Rd/Plaza Drive - 35 Citations
- Parker Rd/Crown Crest Blvd - 40 Citations
- Parker Rd/Cottonwood Dr - 43 Citations

-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.

- The top five (5) locations resulted in 1,123 traffic stops and 274 citations. This was 12% of the total traffic stops (1,123/9,518). The top five (5) represented 12% of the total in 2017 as

Top Traffic Enforcement Locations



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

- 18201-18399 Lincoln Meadows Pkwy - 150
- 8300 S Parker Rd - 107
- Parker Rd/Mainstreet - 75
- Lincoln Ave/Faulkner Lane - 71
- 10801-10598 S Parker Rd - 61

- Of the top seven (7) speeding citation locations two (2), in green highlights, were also in the top traffic enforcement locations.

- Lincoln Ave/Lincoln Meadows Pkwy was also the number one speeding citation (148) location in 2017.

- The top five (5) locations resulted in 464 traffic enforcement and 280 citations. This was 19% of the total traffic

Top Speeding Citation Locations	Total
Lincoln Ave/Lincoln Meadows Pkwy	124
Hess Rd/Tammy Lane	28
10600 Jordan Rd	24
8300 Parker Rd	24
Jordan Rd /Sandreed Circle	24
18900 Mainstreet	16
Hilltop Rd /Narrow Pine Pkwy	16
All Other Locations	584
Total	840



Tuesday, Thursday,
Wednesday



Sunday and
Monday

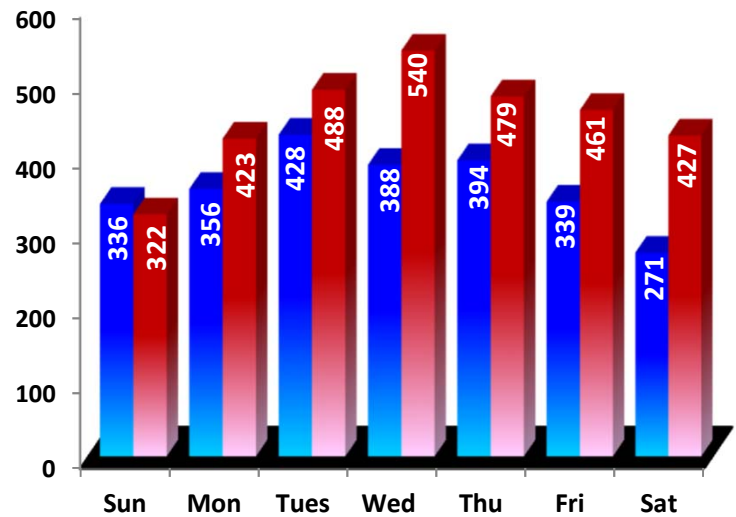
- Traffic Enforcement activities were highest Tuesday, Thursday and Wednesday and lowest on Sunday.

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

■ Traffic Enforcement - 2,512

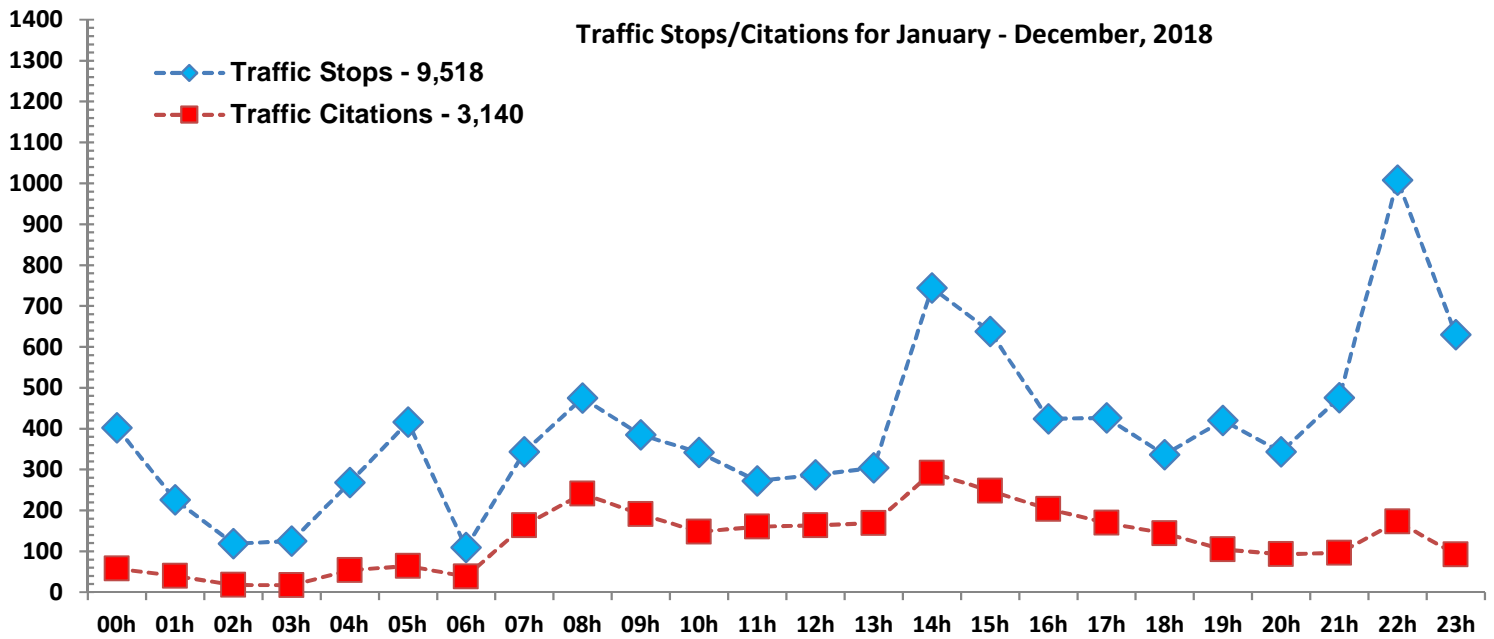
■ Traffic Citations - 3,140

2018



Traffic Stops/Citations by Hour/Month - 2018

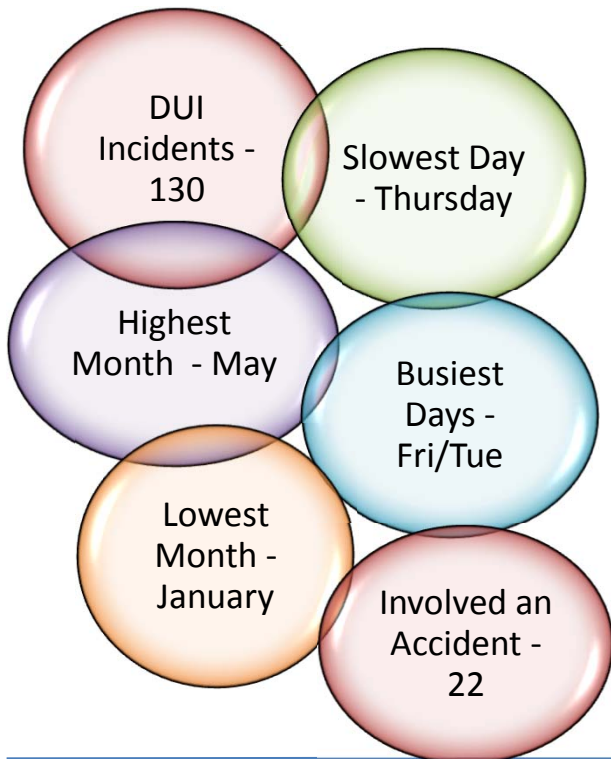
Hour	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total TS	Citations	Cite%
h00	50	28	25	48	32	32	26	42	45	33	16	25	402	58	14%
h01	23	18	13	31	16	11	18	18	36	20	7	15	226	40	18%
h02	10	21	4	17	3	6	9	14	10	13	8	4	119	18	15%
h03	13	17	9	6	9	6	10	19	10	12	10	4	125	17	14%
h04	32	31	20	33	13	10	25	38	22	16	18	10	268	54	20%
h05	29	44	45	45	35	37	38	41	33	34	13	22	416	64	15%
h06	8	12	7	5	18	15	8	4	7	5	4	16	109	38	35%
h07	31	39	36	26	53	26	7	26	26	25	20	28	343	163	48%
h08	37	42	42	28	48	41	29	52	47	41	35	33	475	241	51%
h09	32	27	40	29	46	42	31	25	39	24	26	24	385	191	50%
h10	55	28	35	16	47	39	19	16	21	28	21	17	342	148	43%
h11	36	31	26	33	27	14	18	17	24	19	12	15	272	160	59%
h12	32	28	27	17	38	31	26	23	14	13	15	23	287	163	57%
h13	38	26	25	23	34	33	23	20	20	22	20	20	304	169	56%
h14	60	53	82	65	78	64	86	60	61	60	42	33	744	292	39%
h15	45	44	69	57	63	48	72	48	56	73	34	29	638	248	39%
h16	30	35	48	28	43	58	43	21	36	38	18	26	424	203	48%
h17	32	43	32	33	36	51	50	42	21	31	23	32	426	170	40%
h18	24	33	40	18	15	37	41	17	17	39	24	31	336	144	43%
h19	31	36	51	35	40	39	38	31	36	35	18	30	420	105	25%
h20	29	28	30	26	29	25	33	32	32	36	22	21	343	93	27%
h21	38	39	44	39	46	36	47	44	31	36	36	40	476	96	20%
h22	99	65	88	104	77	64	61	107	95	96	73	79	1008	173	17%
h23	58	44	48	67	56	45	40	55	58	51	46	62	630	92	15%
Total	872	812	886	829	902	810	798	812	797	800	561	639	9,518	3,140	33%



- The numbers in blue in the above chart represents 70 or more traffic stops per hour, orange represents 50 to 69 traffic stops per hour and green covers 40-49 traffic stops per hour for January - December, 2018.

- The highest number of traffic stops occurred in the month of May with 902 and 380 resulting in citations (42%). The lowest number of traffic stops occurred in the month of November with 561 and 197 (35%) resulting in citations.

Total traffic citation charges for 2018 were 3,768. The highest traffic charge for the second violation was failed to present evidence of Insurance, no insurance in possession and no insurance with 179 followed by license/registration offenses with 177.



DUI Charges - January - December, 2018	Total
Drank from open alcoholic container in Motor Vehicle	9
Driving Under Restraint Alcohol/Drug Related Offense	23
Driving While Ability Impaired by Alcohol/Drugs	4
Drove Vehicle w/Excessive Alcohol Content in Breath per SE	2
Drove Vehicle When Blood Alcohol Content > 0.08	28
Drove Vehicle While Under the Influence of Alcohol/Drugs	102
Total	168

- There were 168 charges relating to driving under the influence for 2018, this was a -15% decrease from 2017 (198).

- There were 130 incidents resulting in those charges for 2018 which was a -13% decrease from 2017 (149).

- Bars involved in DUI incidents for 2018 were Tailgate (4), 20 Mile Tap House (4), Hilltop Tap House (3), Funugyz (2), all other bars (10). There are likely more DUI's related to bars, however the bar is not always noted in the report.

Traffic Citations - 2018	Citations (Primary)	Citation Secondary Charges	Written Warning (Primary)	Written Warning Secondary Charges
Speeding	792	44	1,959	14
License/Registration	605	200	644	9
Careless Driving	483	21	140	1
Stop Sign/Red Light	300	8	490	22
Right of Way	166	6	96	
No Evidence of or Uninsured	158	179	30	29
Parking Violation	112	14	26	1
Other	79	16	92	4
Equipment	62	52	1,322	45
Seat Belt	61	16	4	5
Unsafe Backing/Starting	60	2	3	
Unsafe Lane Change	47	3	54	1
Other Hazardous	44	26	141	
Following too Close	42	1	7	2
Obstructed View	24	4	67	4
Improper Turn	22	9	314	26
Weaving	17	9	177	7
Parking "For Sale"	9	1	6	
Turn Signal	8	2		
Parked Handicapped	8		9	
Pedestrian Right of Way	7		22	
Parked In Fire Lane	5		4	
Hit and Run	5	6		
Improper Passing	4	1	2	
Open Container	2	4		
Wrong Side of Road	2		13	1
Total	3,124	624	5,622	171

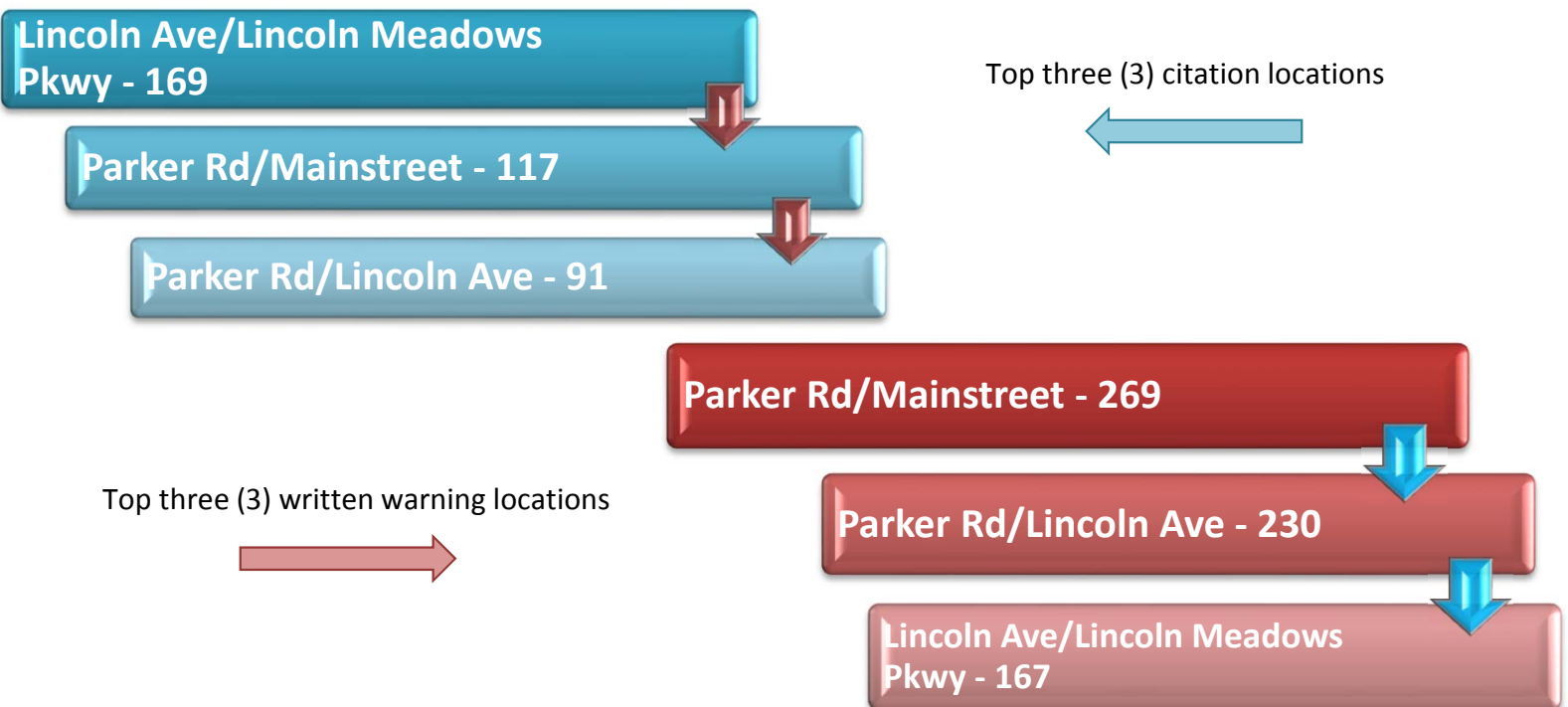
- Citations for January - December, 2018 are based on the primary violation written on the citation. **All information on citations in this section are based on the primary charge only.**

- The top three (3) citation and written warnings locations are the same, but in a slightly different order for 2018 and remains the same as 2017.

- The top citation location of Parker Rd/Mainstreet had 20 (17%) citations and 50 (19%) written warnings for stop sign/red light violations.

- Lincoln Ave/Lincoln Meadows Pkwy had 125 (73%) citations and 144 (86%) written warnings for speeding violations.

- Parker Rd/Lincoln Ave had 45 (49%) citations for license and registration violations and 51 (22%) written warnings for speeding.





PARKER
COLORADO

March 29, 2019

Traffic Report

2018



Parker
Police Department