



EDMONTON POLICE SERVICE

REPORT TO THE EDMONTON POLICE COMMISSION

DATE: 2019 MARCH 13

SUBJECT: Edmonton Police Service Control Tactics Statistics
2018 January – December Report

RECOMMENDATION(S):

That this report be received for information.

INTRODUCTION:

The Edmonton Police Service (EPS) submits two reports annually to the Edmonton Police Commission that outline all instances of reported use of force. One report provides a statistical summary of use of force events that occurred during the first half of the year and the second report provides a statistical summary of the entire year.

The information contained in this report was generated using statistical data captured from electronic Control Tactics Reports for occurrences with reported dates between 2018 Jan 01 and 2018 Dec 31. This report will also include a comparison of the current use of force data with previous data.

BACKGROUND:

The EPS captures use of force data through its electronic Control Tactics Reports. Control Tactics Reports are submitted after a police officer utilizes force where one or more of the following circumstances are present:

1. Injury resulting to any person;
2. Force used was higher than empty hand (soft) control, which is used for cooperative handcuffing;
3. Use of control tactics such as stunning techniques, direct mechanical techniques, chemical agents (O.C. spray), conducted energy weapon (CEW), control instruments, impact weapons, special impact munitions;
4. Firearm was drawn, displayed or pointed;

5. In the opinion of the investigating member and/or supervisor, unusual circumstances exist that necessitate the submission of the report.

COMMENTS / DISCUSSION:

There were 2342 control tactics occurrences in 2018, 6.3% lower than 2017. There were 4009 control tactics forms submitted in 2018 as compared to 4267 in 2017 a 6% decrease.

The reason that the number of Control Tactics Reports (in the chart below) are higher than the number of occurrences is due to the EPS policy requirement for every officer, involved in the use of force, to submit a Control Tactics Report. As well, more than one technique could be used at any one occurrence and different members on the scene may use different levels of force.

Jan - Dec	2016	2017	2018	Three Year Average	Change 2017-2018
Occurrences	2340	2499	2342	2394	-6.3%
Control Tactics Reports	4167	4267	4009	4148	-6.0%

The Edmonton Police Service has 2 broad Use of Force categories. Generally, Category I reviews involve reportable uses of force of a minor nature and Category II reviews are those involving a higher level or those circumstances where a supervisor decides a Category II review may be warranted.

Note: The data from incidents that require a 46.1 notification to the Director of Law Enforcement, which get assigned to the Alberta Serious Incident Response Team (ASIRT), do not form part of this report.

Comparative Analysis of Category I and Category II Occurrences

Occurrences	2016	2017	2018	Three Year Average	Change 2017-2018
Category I	1385	1433	1297	1372	-9.4%
Category II	955	1066	1045	1022	-2.0%
Category II %	40.8%	42.7%	44.6%	42.7%	1.9%

Comparative Analysis of Category I and Category II Control Tactics Reports

Control Tactics Reports	2016	2017	2018	Three Year Average	Change 2017-2018
Category I	2761	2718	2522	2667	-196
Category II	1406	1549	1487	1480	-62
Category II %	33.7%	36.3%	37.1%	35.7	0.8%

The tables above show that the majority of Occurrences are Category I occurrences which consist of displays of force, (Canine Presence ,CEW Presence or Firearms Low Ready) and the lowest levels of hands on control such as holding/escort positions and joint locks. They also show that 62.9% of Control Tactics Reports in 2018 did not rise above the threshold for a Category I review.

In 2018 the number of reportable use of force occurrences decreased by 6.3% and the number of Control Tactics Reports decreased by 6.0%. By grouping use of force events into Category I and Category II we can see that the number of Category II occurrences has increased to 44.6% in 2018 compared to 42.7% 2017

CONCLUSION:

The EPS introduced Reasonable Officer Response to assist in providing a professional and defensible use of force framework. This is premised on basing the use of force on the standard of "objective reasonableness" and includes a supporting foundation based upon:

1. Lawful and professional presence,
2. Tactical communications, and
3. Tactical considerations.

EPS recognized that the need for engaged supervision involving use of force events is critical. Supervisory reviews are a requisite step in the Reasonable Officer Response process; further, they provide guidance and mentorship to the membership. This resulted in the implementation of service wide protocols following all EPS reportable use of force events which included professional awareness, thorough reporting and supervisory oversight review.


ADDITIONAL INFORMATION ATTACHED:

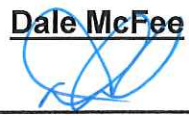
- Attachment 1 - Comparison of the various control tactics that were utilized (2017 vs. 2018);
- Attachment 2 - Table depicting the ascending order of the control tactics utilized
- Attachment 3 – The top ten CAD event types where force was used and the top ten EPS event types where force was used;
- Attachment 4 - A monthly comparison of CTR occurrences and reports in 2018;
- Attachment 5 - A monthly comparison depicting the geographical location of the various control tactics occurrences. *This is a comparison of the geographical location of the use of force and is not a reflection of the use of force by individual Divisions, Sections, Units, etc;*
- Attachment 6 - A quarterly comparison of the of the control tactics utilized over the last 6 years.
- Attachment 7 - PowerPoint Presentation.

Written By: 
Larry Snidal
Training Section

Reviewed By: Inspector Trevor Hermanutz 
Professional Development Branch

Reviewed By: A/Executive Director Corrina Chetley-Irwin 
Human Resources Division

Approved By: ~~A/Deputy Chief Chad Tawfik~~ 
~~Corporate Services Bureau~~ Brian Kisilevich
Acting Chief Administrative Officer
Corporate Services Bureau
Edmonton Police Service

Chief of Police: Dale McFee 

Date: _____



2018 Control Tactics

# Occurrences (Control Tactics)		Q1	Q2	Q3	Q4	Totals
Canine Contact	2017	22	27	19	29	97
	2018	23	23	26	28	100
	Change	1	-4	7	-1	3
	% Change	4.5%	-14.8%	36.8%	-3.4%	3.1%
Canine Presence	2017	94	105	107	115	421
	2018	100	88	102	118	408
	Change	6	-17	-5	3	-13
	% Change	6.4%	-16.2%	-4.7%	2.6%	-3.1%
CEW Presence/Laser	2017	100	92	95	100	387
	2018	104	88	84	75	351
	Change	4	-4	-11	-25	-36
	% Change	4.0%	-4.3%	-11.6%	-25.0%	-9.3%
CEW Probes	2017	27	16	34	29	106
	2018	30	42	31	37	140
	Change	3	26	-3	8	34
	% Change	11.1%	162.5%	-8.8%	27.6%	32.1%
CEW Stun	2017	2	7	8	13	30
	2018	8	11	12	7	38
	Change	6	4	4	-6	8
	% Change	300.0%	57.1%	50.0%	-46.2%	26.7%
Firearm, Low Ready	2017	240	229	234	258	961
	2018	235	202	212	212	861
	Change	-5	-27	-22	-46	-100
	% Change	-2.1%	-11.8%	-9.4%	-17.8%	-10.4%
Firearm, Pointed	2017	43	47	54	49	193
	2018	58	41	49	47	195
	Change	15	-6	-5	-2	2
	% Change	34.9%	-12.8%	-9.3%	-4.1%	1.0%
Baton	2017	5	5	12	5	27
	2018	3	6	4	9	22
	Change	-2	1	-8	4	-5
	% Change	-40.0%	20.0%	-66.7%	80.0%	-18.5%
Impact, Other	2017	3	5	5	3	16
	2018	4	2	7	5	18
	Change	1	-3	2	2	2
	% Change	33.3%	-60.0%	40.0%	66.7%	12.5%
Specialty Munition	2017	2	1	1	2	6
	2018	3	0	7	4	14
	Change	1	-1	6	2	8
	% Change	50.0%	-100%	600.0%	100.0%	133.3%

# Occurrences (Control Tactics)		Q1	Q2	Q3	Q4	Totals
OC Spray	2017	4	13	19	6	42
	2018	5	9	13	9	36
	Change	1	-4	-6	3	-6
	% Change	25.0%	-30.8%	-31.6%	50.0%	-14.3%
Balance Displacement /Takedown	2017	195	174	172	167	708
	2018	147	166	179	175	667
	Change	-48	-8	7	8	-41
	% Change	-24.6%	-4.6%	4.1%	4.8%	-5.8%
Communication	2017	530	529	535	542	2,136
	2018	492	483	492	523	1,990
	Change	-38	-46	-43	-19	-146
	% Change	-7.2%	-8.7%	-8.0%	-3.5%	-6.8%
Disarming Technique	2017	2	2	3	3	10
	2018	0	9	4	4	17
	Change	-2	7	1	1	7
	% Change	-100%	350.0%	33.3%	33.3%	70.0%
Holding Technique	2017	194	182	182	182	740
	2018	156	165	162	178	661
	Change	-38	-17	-20	-4	-79
	% Change	-19.6%	-9.3%	-11.0%	-2.2%	-10.7%
Joint Manipulation	2017	69	93	77	90	329
	2018	61	84	73	79	297
	Change	-8	-9	-4	-11	-32
	% Change	-11.6%	-9.7%	-5.2%	-12.2%	-9.7%
Strike	2017	79	94	107	127	407
	2018	88	95	93	131	407
	Change	9	1	-14	4	0
	% Change	11.4%	1.1%	-13.1%	3.1%	0.0%
Stun /Distraction	2017	53	64	59	63	239
	2018	49	57	48	72	226
	Change	-4	-7	-11	9	-13
	% Change	-7.5%	-10.9%	-18.6%	14.3%	-5.4%
Control Tactics Reports	2017	1087	1054	1059	1067	4267
	2018	1074	917	991	1027	4009
	Change	-13	-137	-68	-40	-258
	% Change	-1.2%	-13.0%	-6.4%	-3.8%	-6.0%
Control Tactics Occurrences	2017	620	614	618	647	2499
	2018	579	569	594	600	2342
	Change	-41	-45	-24	-47	-157
	% Change	-6.6%	-7.3%	-3.9%	-7.3%	-6.3%



Control Tactics Reports Control Tactics Occurrences for 2018

Report Source:
EPROS Control Tactics
Run By: Larry Snidal

Geographic Division: City Wide District: All Districts
Report Type: Person and Tactical Entry Team
Based on Occurrence Reported Date

Information as at Date:
14 Feb 2019 23:59

# Occurrences	January	February	March	April	May	June	July	August	September	October	November	December	Total
Impact, Specialty Munition	2		1				2	3	2	1	1	2	14
Physical, Disarming Technique				6		3		4		2	1	1	17
Impact, Other		3	1	1	1		2	1	4	2	2	1	18
Impact, Baton Deployed	2	1		2	1	3	1	2	1	2	4	3	22
OC, OC Deployed	2	2	1	3	3	3	4	4	5	3	3	3	36
CEW, CEW Stun	1	3	4	3	3	5	2	5	5	1	2	4	38
Canine, Canine Contact	8	7	8	2	6	15	9	9	8	10	9	9	100
CEW, CEW Probes	13	5	12	13	14	15	7	14	10	14	12	11	140
Firearm, Pointed	26	13	19	16	10	15	15	21	13	19	13	15	195
Physical, Stun Technique/Distracton	8	22	19	15	17	25	16	19	13	21	22	29	226
Physical, Joint Manipulation	19	26	16	26	25	33	27	24	22	26	27	26	297
CEW, CEW Presence/Laser	36	35	33	30	27	31	31	25	28	24	29	22	351
Physical, Strike	25	25	38	26	31	38	28	38	27	43	40	48	407
Canine, Canine Presence	37	25	38	23	33	32	39	32	31	42	42	34	408
Physical, Holding Technique	52	57	47	54	51	60	62	55	45	54	62	62	661
Physical, Balance Displacement/Takedown	49	52	46	54	53	59	69	59	51	54	62	59	667
Firearm, Low Ready	93	74	68	72	54	76	76	73	63	79	71	62	861
Physical, Communication	174	155	163	155	147	181	184	157	151	173	185	165	1,990
Physical, Officer Presence	180	156	164	158	154	187	189	158	153	183	188	166	2,036



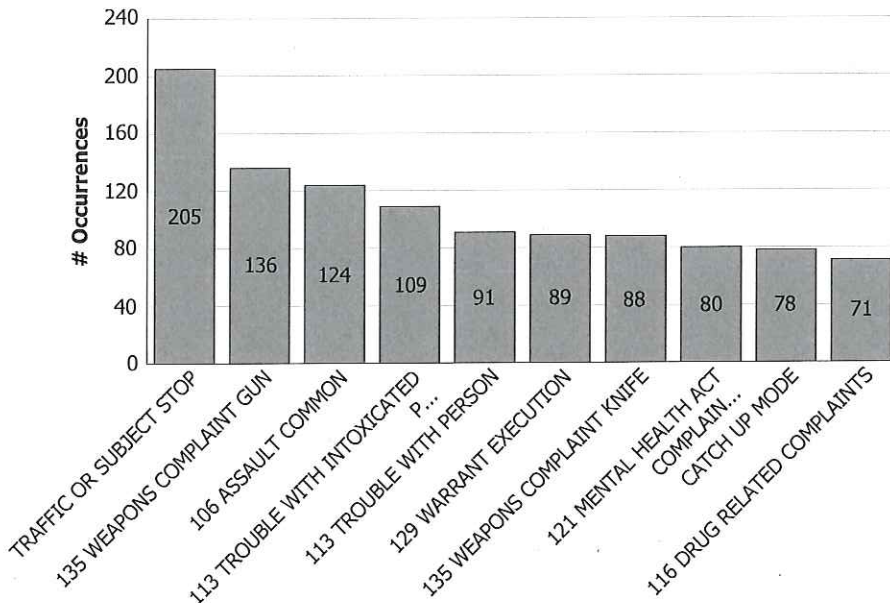
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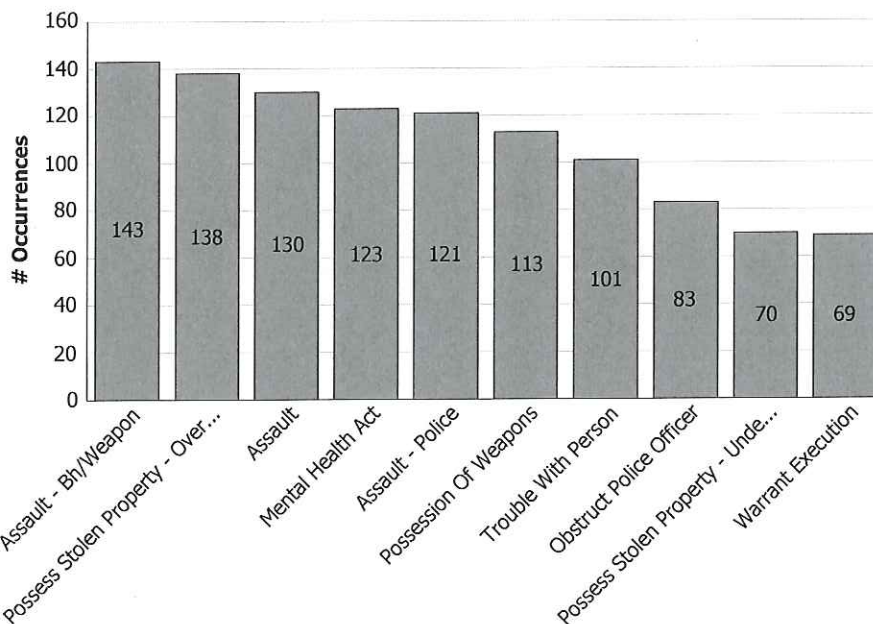
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Top 10 CAD Event Types



	# Occurrences
TRAFFIC OR SUBJECT STOP	205
135 WEAPONS COMPLAINT GUN	136
106 ASSAULT COMMON	124
113 TROUBLE WITH INTOXICATED PERSONS	109
113 TROUBLE WITH PERSON	91
129 WARRANT EXECUTION	89
135 WEAPONS COMPLAINT KNIFE	88
121 MENTAL HEALTH ACT COMPLAINTS	80
CATCH UP MODE	78
116 DRUG RELATED COMPLAINTS	71

Top 10 Occurrence Types



	# Occurrences
Assault - Bh/Weapon	143
Possess Stolen Property - Over \$5000	138
Assault	130
Mental Health Act	123
Assault - Police	121
Possession Of Weapons	113
Trouble With Person	101
Obstruct Police Officer	83
Possess Stolen Property - Under \$5000	70
Warrant Execution	69

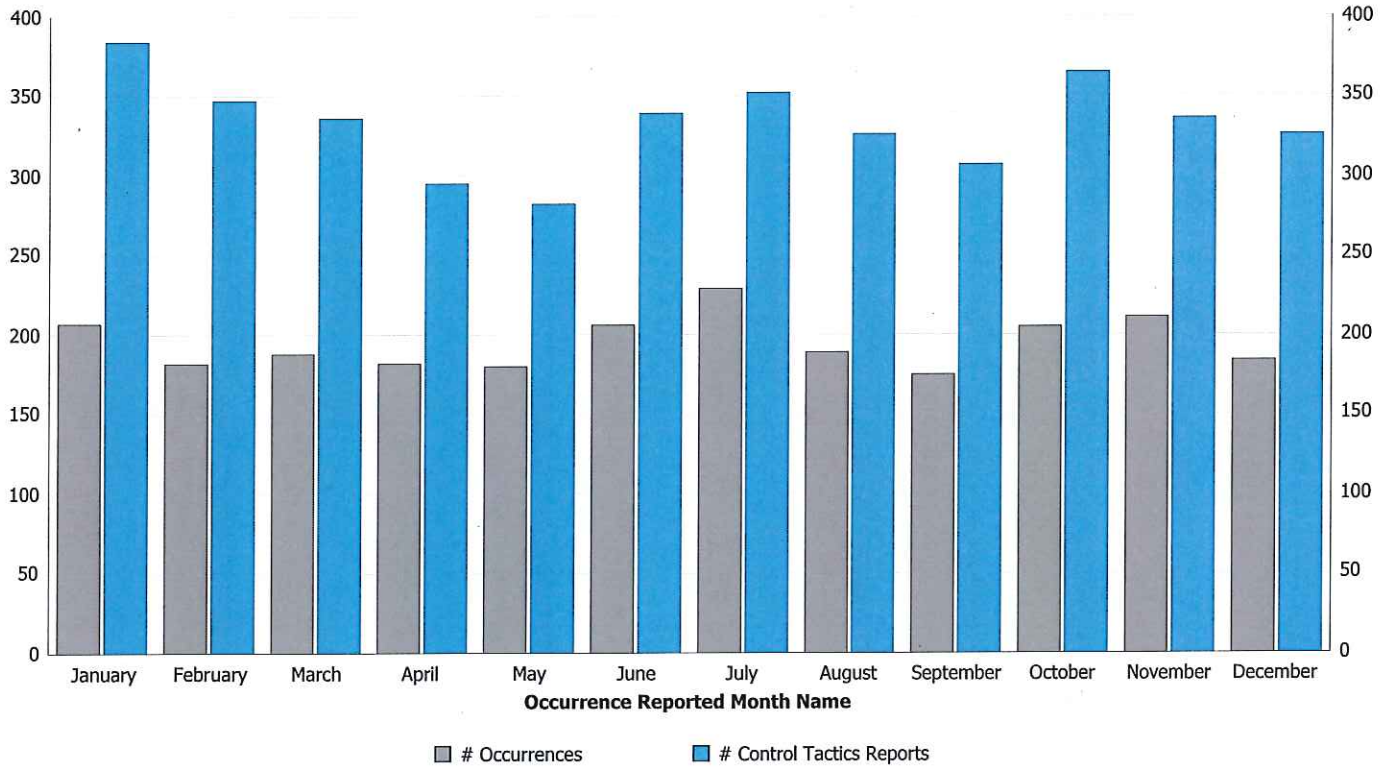


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# Occurrences	January	February	March	April	May	June	July	August	September	October	November	December	Total
2018	208	182	189	182	181	206	229	189	176	205	211	184	2,432

# Control Tactics Reports	January	February	March	April	May	June	July	August	September	October	November	December	Total
2018	387	349	338	296	282	339	354	328	309	365	336	326	4,009

* Multiple Control Tactics Reports may be generated for each occurrence due to multiple officers involved or multiple subjects.

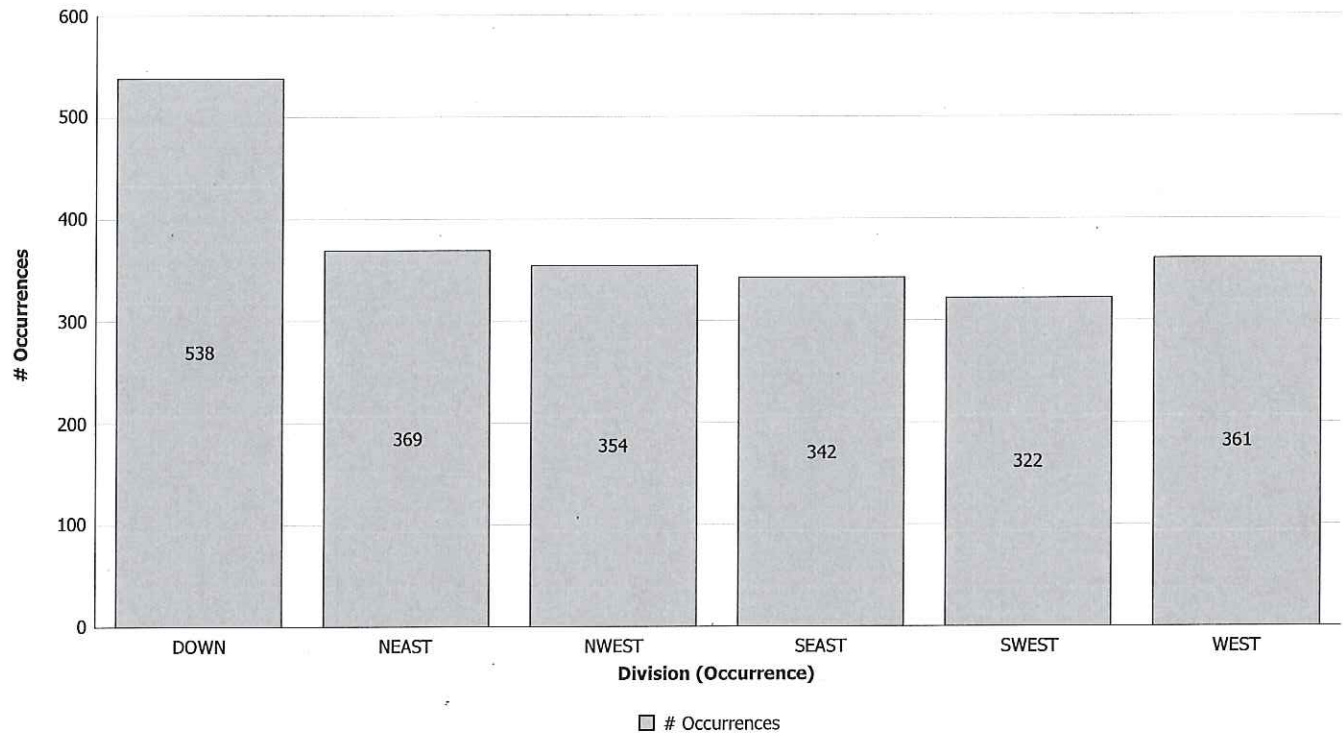


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# Occurrences	January	February	March	April	May	June	July	August	September	October	November	December	Total
DOWN	40	51	46	42	48	62	42	46	35	38	42	46	538
NEAST	34	27	23	33	26	32	36	26	29	32	39	32	369
NWEST	34	25	31	42	23	23	34	27	23	35	30	27	354
SEAST	31	22	31	18	19	33	29	29	28	32	40	30	342
SWEST	34	24	27	18	28	25	43	34	23	29	15	22	322
WEST	29	29	27	25	31	28	37	23	31	35	42	24	361

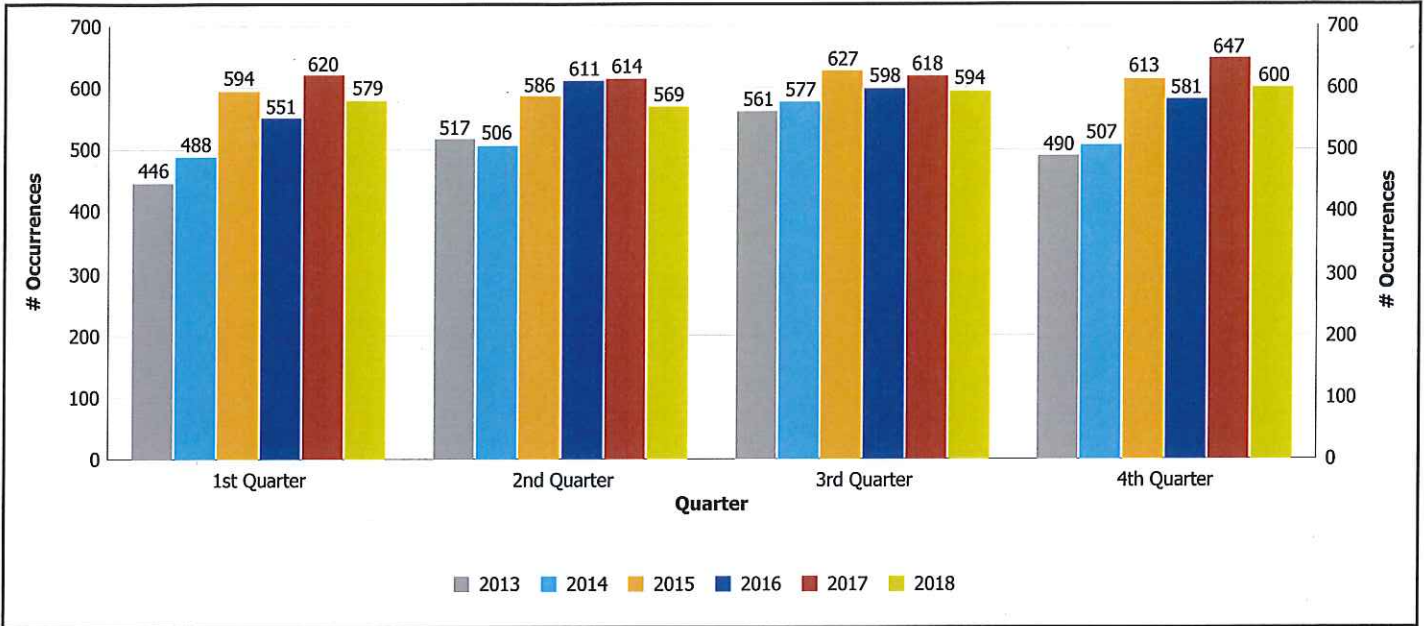


Control Tactics Reports Use of Force Quarterly Report 2018 Dec

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Geographic Division: City Wide District: All Districts
Report Type: Person and Tactical Entry Team
Based on Occurrence Reported Date

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14 Feb 2019 23:59



Please Note: In order to present the most accurate and up to date information on Use of Force incidents and deployments, the report will contain all data entered previous to the report. Delays in approving reports mean that information may be received 2 months or more after the incident. This information will be included in future updates and will be reflected in changes to the numbers as reports are received and entered.

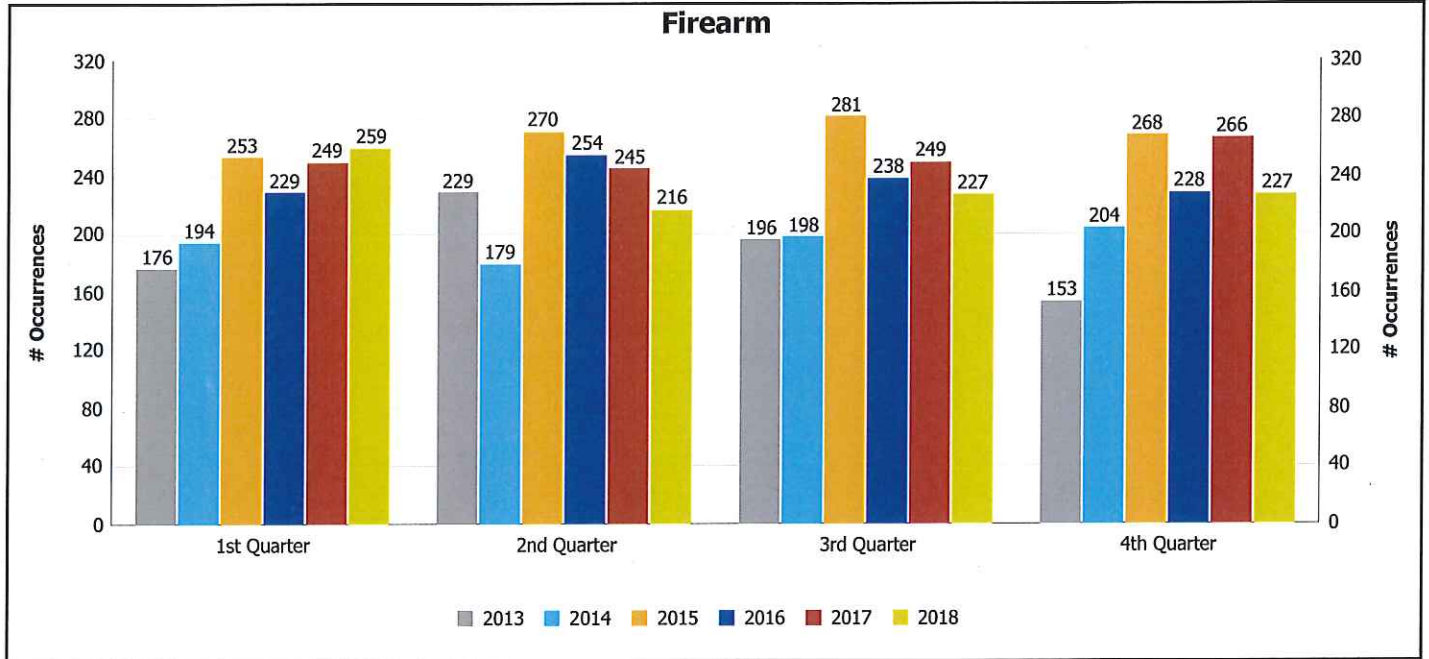


Control Tactics Reports Use of Force Quarterly Report 2018 Dec

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"Firearm" encompasses the following Police issued firearms: Handguns, Carbines, Shotguns, Rifles, and Tactical Firearms.

"Occurrences" refers to one specific situation where officers responded and utilized their firearm in one of the following methods: low ready position, pointed or fired.

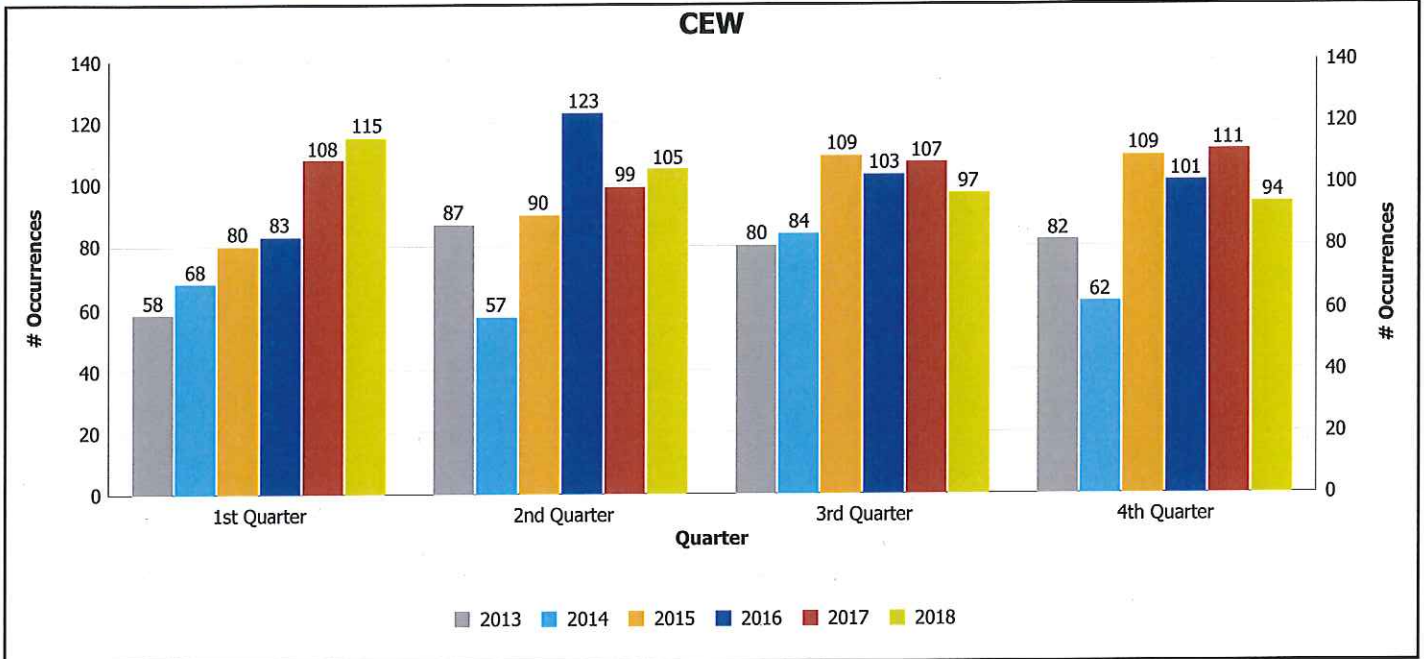


Control Tactics Reports Use of Force Quarterly Report 2018 Dec

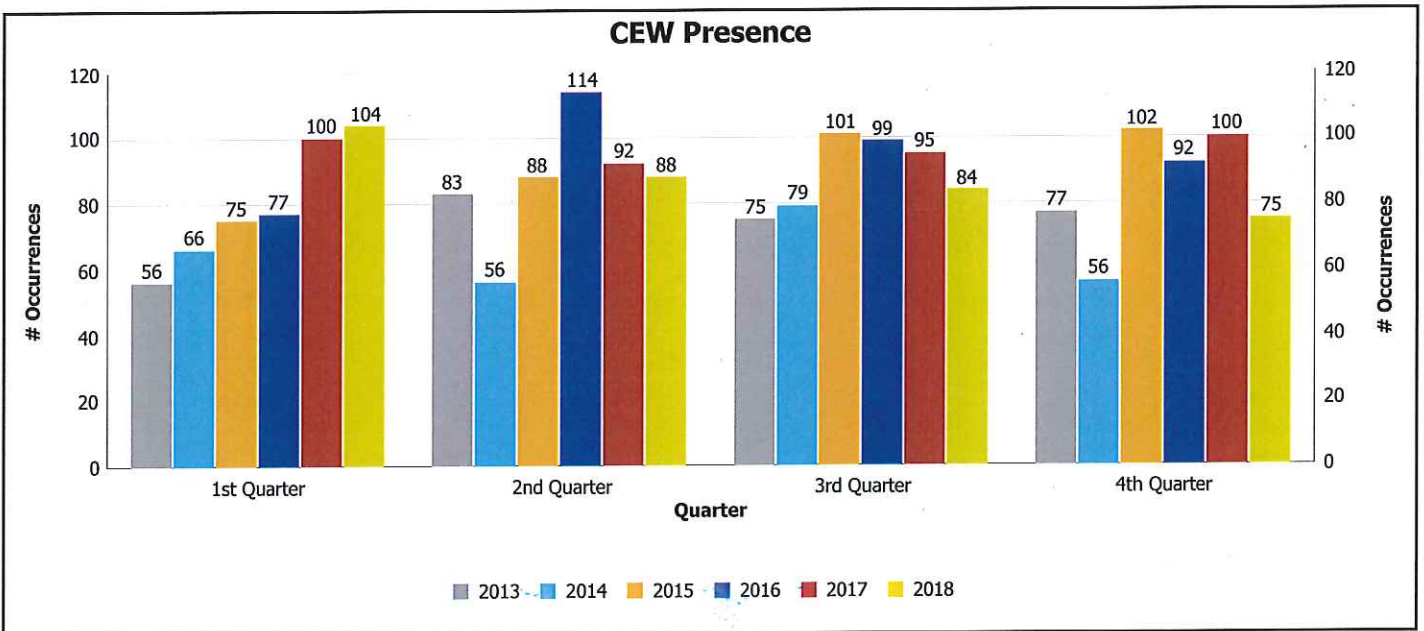
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"CEW" refers to the TASER X26 the current model that the Edmonton Police Service issues: CEW is classified as an Intermediate Weapon

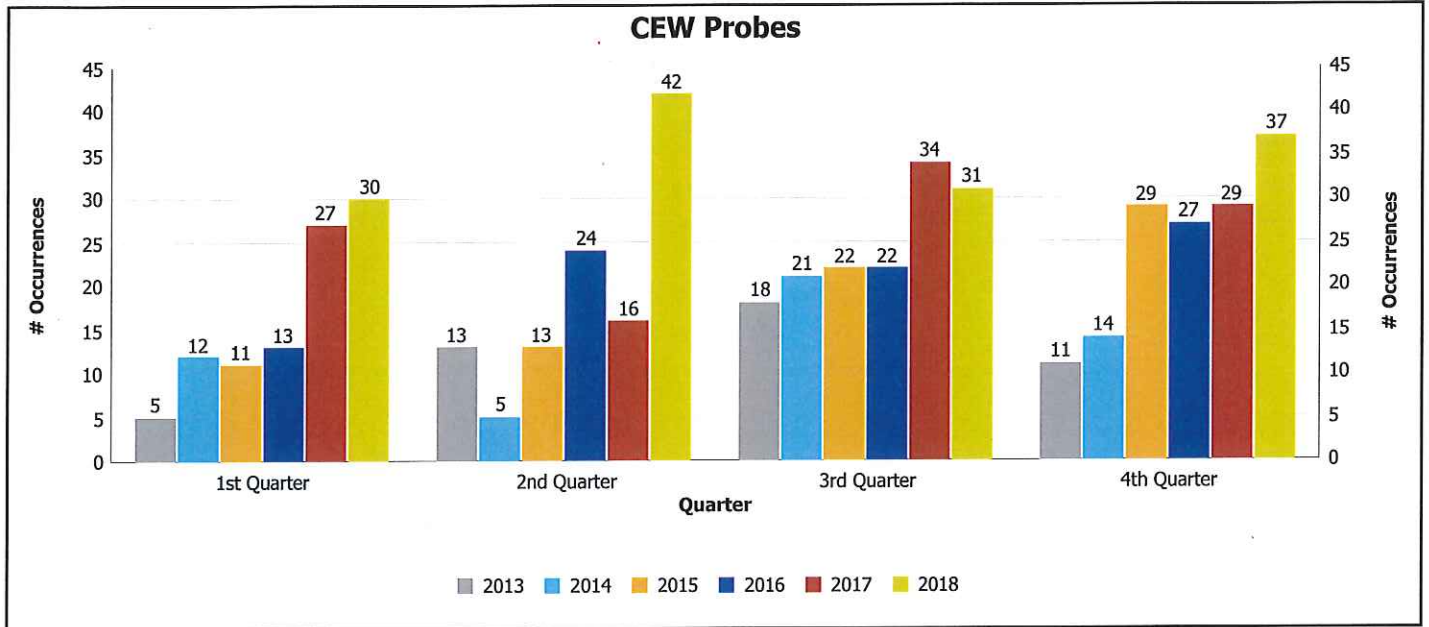


"Presence/Laser" refers to when the CEW is removed from the holster and displayed either by mere presence, or with the laser sight activated and pointed at a subject (no actual deployment of the weapon occurs in this fashion).

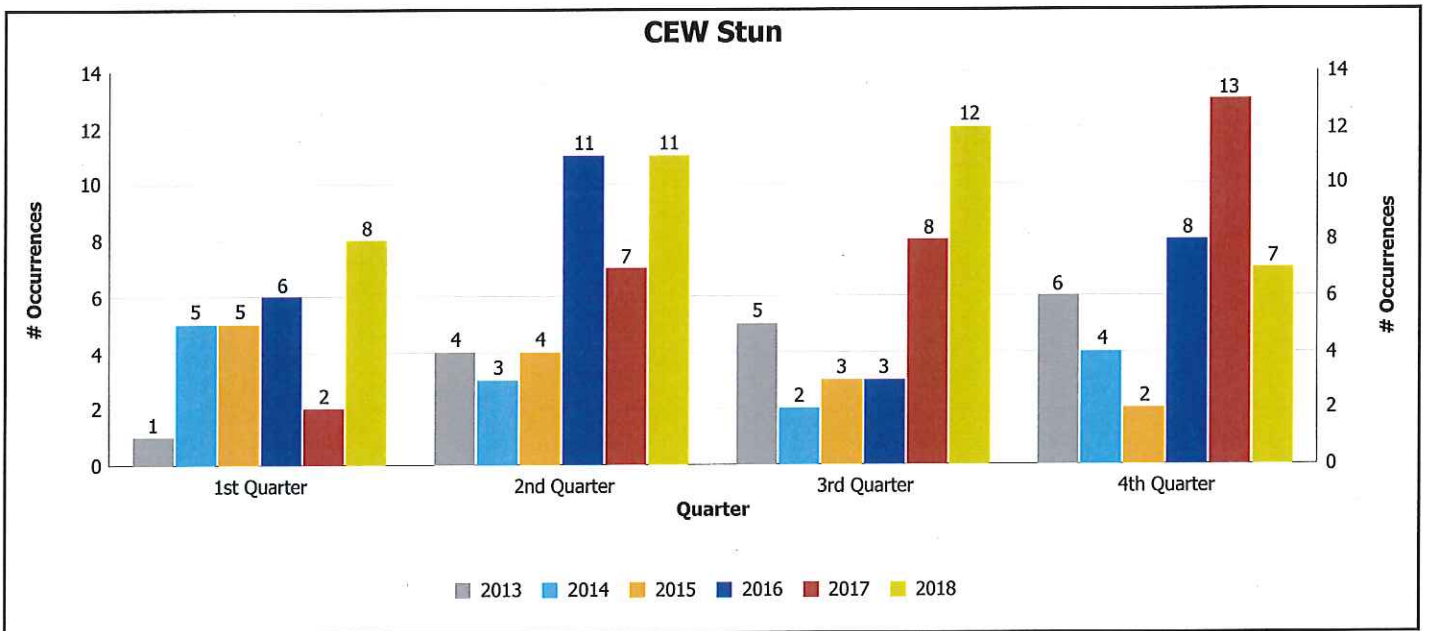


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"Probes" refers to when 2 barbed probes are discharged from the CEW cartridge at a suspect.



"Stun" refers to when the CEW is deployed directly against the subject as a pain compliance technique.

This also encompasses a situation where there may be more than one deployment (ie. Presence is ineffective, with Probes subsequently deployed).

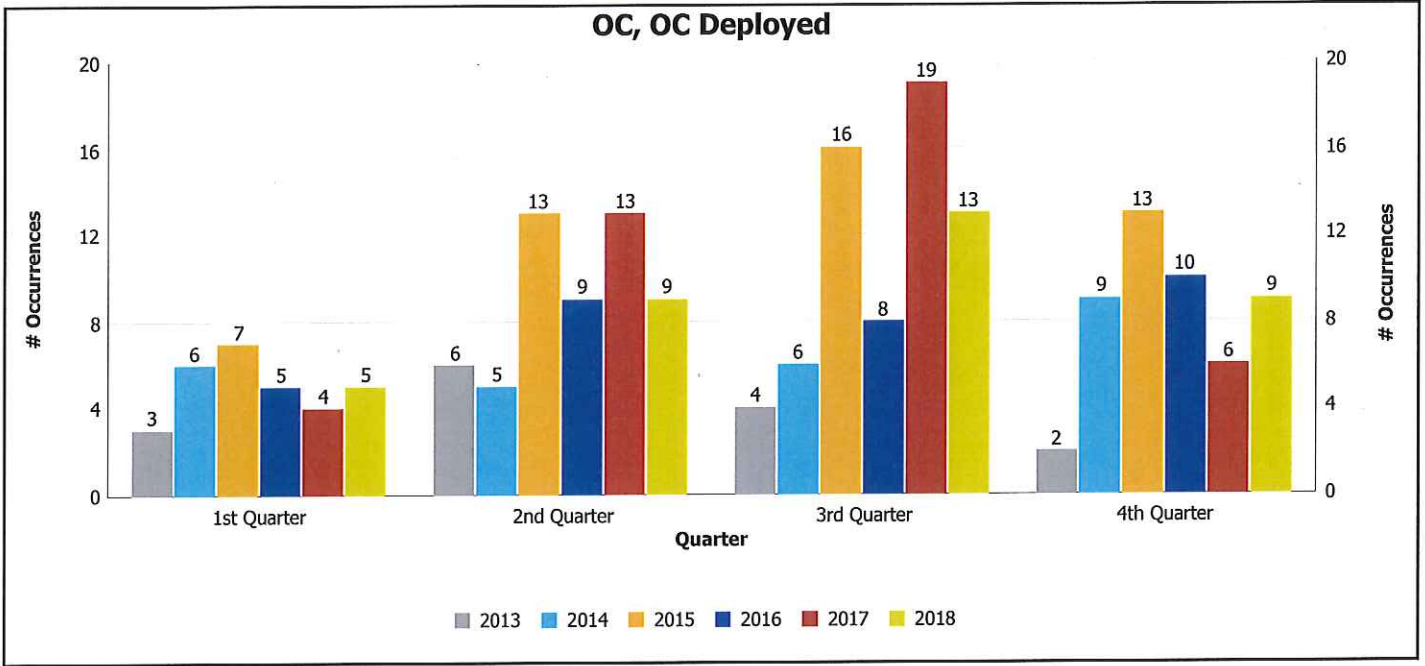


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OC Spray is classified as an Intermediate Weapon

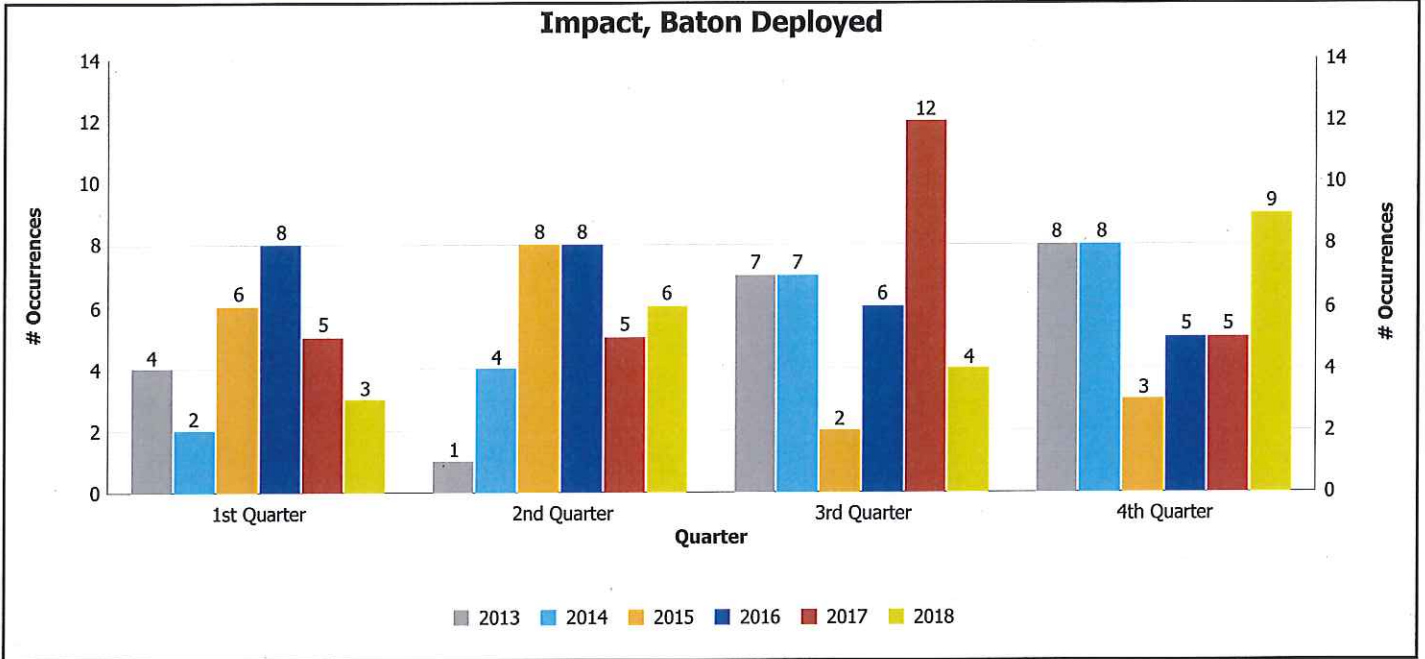


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Batons are classified as an Intermediate Weapon

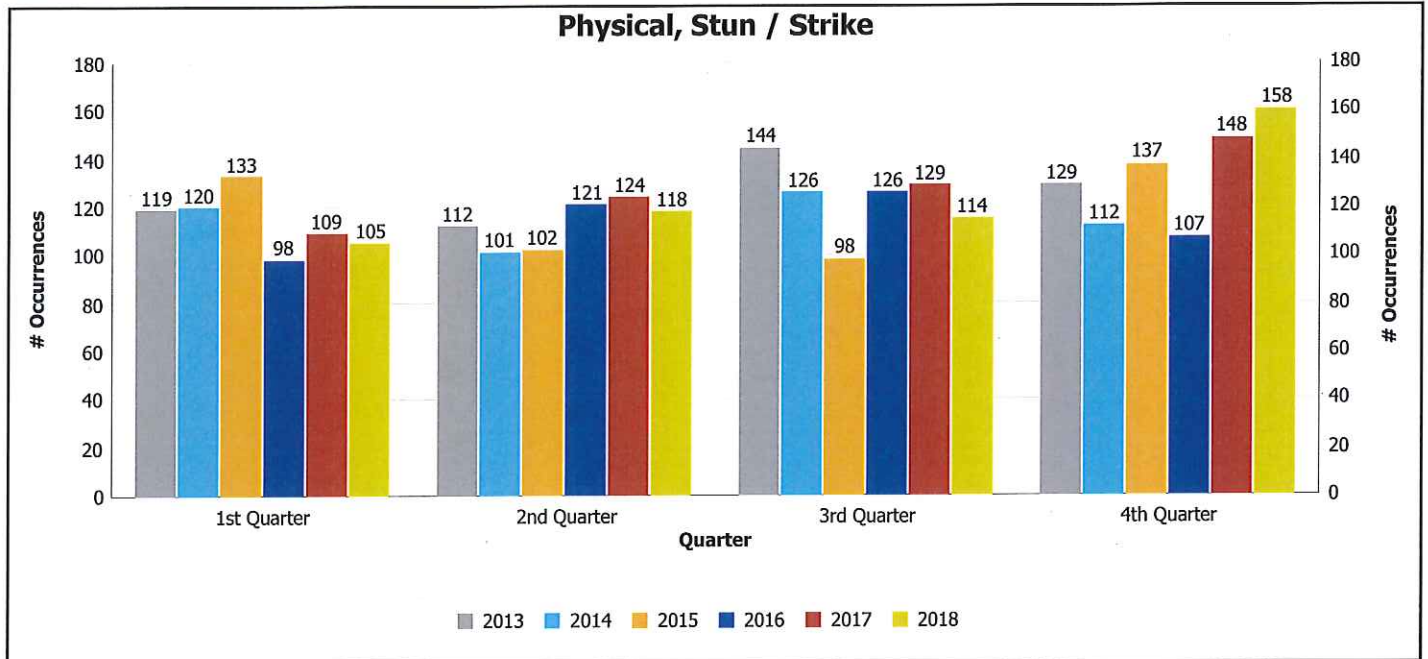


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"Stunning" refers to a technique that temporarily distracts a suspect during the attempt of gaining physical control; open hand strike and a knee strike. For the purposes of this report Stuns and Strikes are combined

"Strike" refers to the following: punch, kick, elbow, and knee strikes.

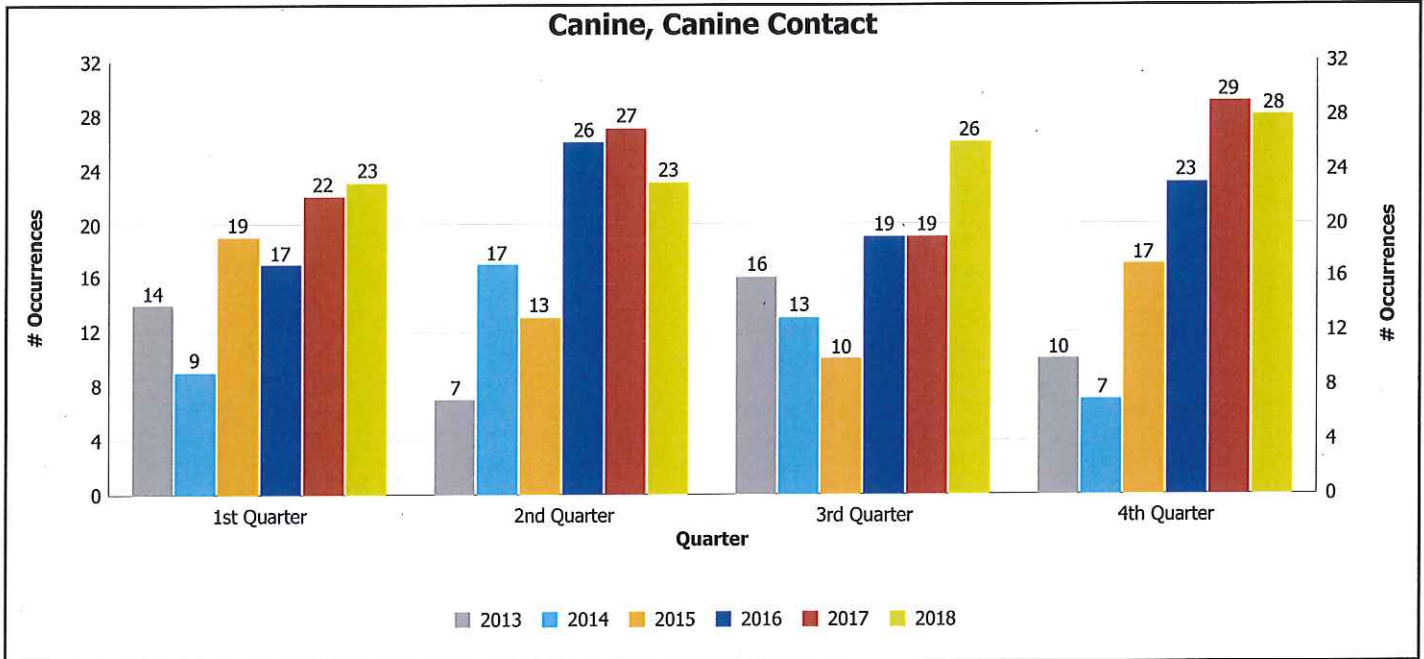


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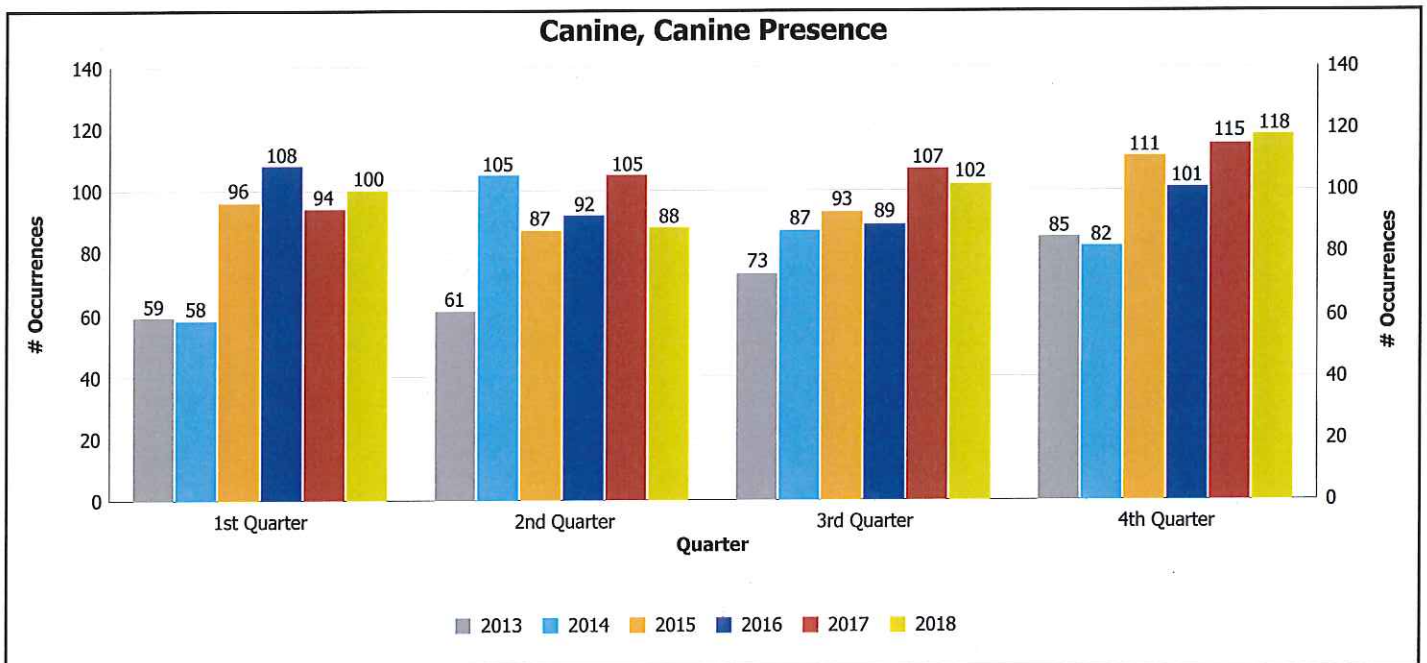
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"Contact" refers to when a Canine Unit successfully apprehends a suspect using physical force by the dog.



"Presence" refers to when a Canine Unit successfully controls a suspect using the presence of the dog.



Control Tactics Statistics 2018

Presented for Information
Edmonton Police
Commission April 18, 2019

Larry Snidal, Firearms & Ballistics Analyst
Inspector Trevor Hermanutz, Professional Development Branch



Control Tactics Report Process

2018

262,854 Police Files

2342 Use of Force Occurrences

**Percentage of Police Files with Use of Force
Occurrences: 0.891%**



Total Use of Force Comparison

Jan-Dec	2016	2017	2018	% Change 2017-2018
Use of Force Occurrences	2340	2499	2342	-6.3%
Control Tactics Reports	4167	4267	4009	-6.0%
Police Files	258,524	261,850	262,854	0.4%



Changes From 2017

Jan-Dec

Category	Change (# of Occurrences)	% Change
Police Files	1004	0.4%
Conducted Energy Weapons (Probes)	34	32.1%
Conducted Energy Weapons (Stun)	8	26.7%
Specialty Munitions (ARWEN)	8	133.3%
Firearms (Low Ready)	-100	-10.4%
Use of Force Occurrences	-157	-6.3%
Use of Force Reports	-258	-6.0%
Police Custodies(Arrests)	-1541	-3.3%





Questions?