



Seattle Police Department

5/17/2017



SEA/STAT

PRINCIPLES OF SEASTAT

1. Accurate and Timely Information

Know what is happening.

2. Effective Tactics

Have a plan.

3. Rapid Deployment

Do it quickly.

4. Relentless Follow-up and Assessment

If it works, do more. If not, do something else.

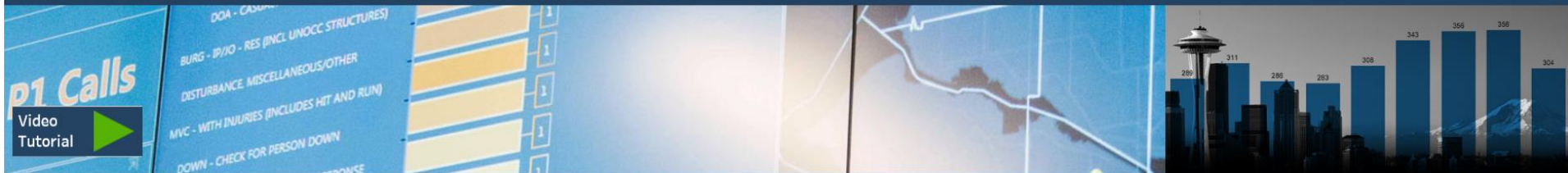
CRIME REDUCTION STRATEGIES

Focus on:

-Problem Locations

-Prolific Offenders

-Repeat and Vulnerable Victims



CITYWIDE MAJOR CRIME YTD OVERVIEW



SeaStat Crime Dashboard

Crime counts are based on the primary offense within a single incident, and do not represent the number of victims, or associated offenses within an incident. Crime data is dynamic and will change based on reporting and investigative updates.



PRECINCT
(All)

SECTOR
(All)

BEAT
(All)

NEIGHBORHOOD
(All)

CRIME GROUP
(Multiple values)

CRIME CATEGORY
(All)

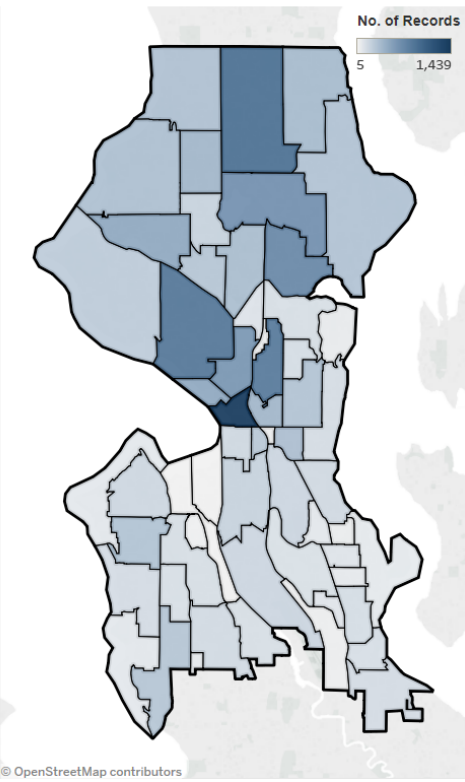
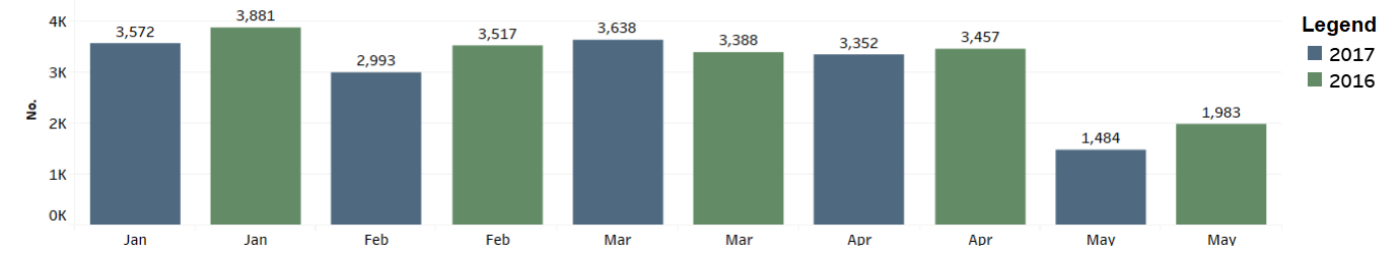
CRIME SUBCATEGORY
(All)

CRIME DESCRIPTION
(All)

Precinct: All MCPP: All Crime Group: PERSON & PROPERTY Crime Category: All

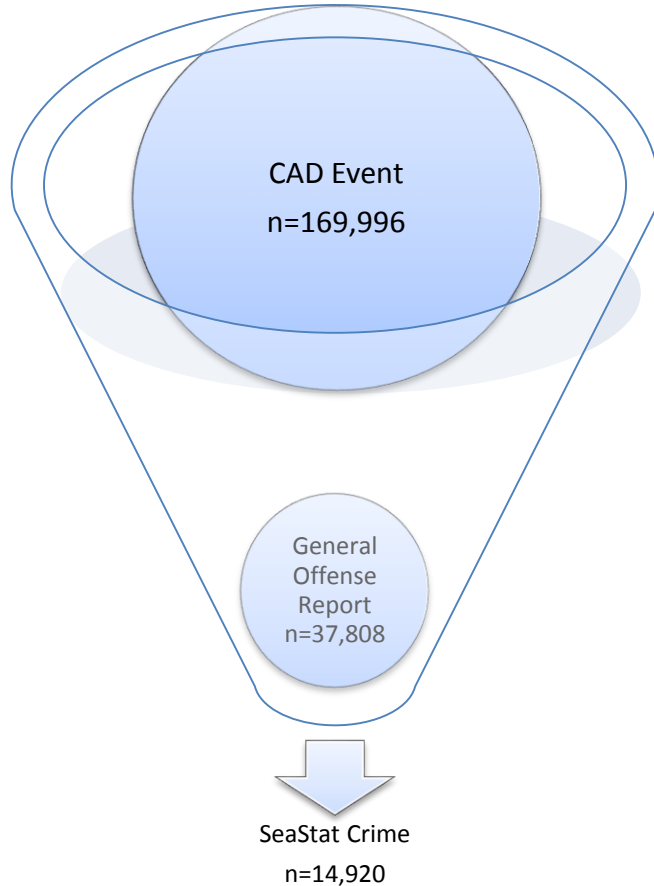
Last Update: 5/17/2017 4:13:57 AM Reports in Transcription: 36

CRIME GROUP	CRIME CATEGORY	YTD 2017	YTD 2016	YTD Amt. Change	YTD % Change	5YR AVG	RANGE MIN	RANGE MAX
PERSON	HOMICIDE	5	11	-6	-55%	9	6	12
	SEX OFFENSE	275	305	-30	-10%	257	229	285
	ROBBERY	565	571	-6	-1%	545	512	579
	AGGRAVATED ASSAULT	561	552	9	2%	459	397	521
	AGGRAVATED ASSAULT-DV	254	220	34	15%	234	210	257
	Total	1,660	1,659	1	0%	1,503	1,309	1,698
PROPERTY	ARSON	55	29	26	90%	27	22	33
	BURGLARY-RESIDENTIAL	1,841	2,019	-178	-9%	1,892	1,711	2,073
	BURGLARY-COMMERCIAL	896	936	-40	-4%	724	592	856
	LARCENY-THEFT	4,112	4,433	-321	-7%	4,424	4,273	4,575
	CAR PROWL	5,272	5,636	-364	-6%	5,001	4,179	5,823
	MOTOR VEHICLE THEFT	1,203	1,514	-311	-21%	1,532	1,238	1,826
Grand Total		13,379	14,567	-1,188	-8%	13,600	11,703	15,497
		15,039	16,226	-1,187	-7%	15,103	13,393	16,814

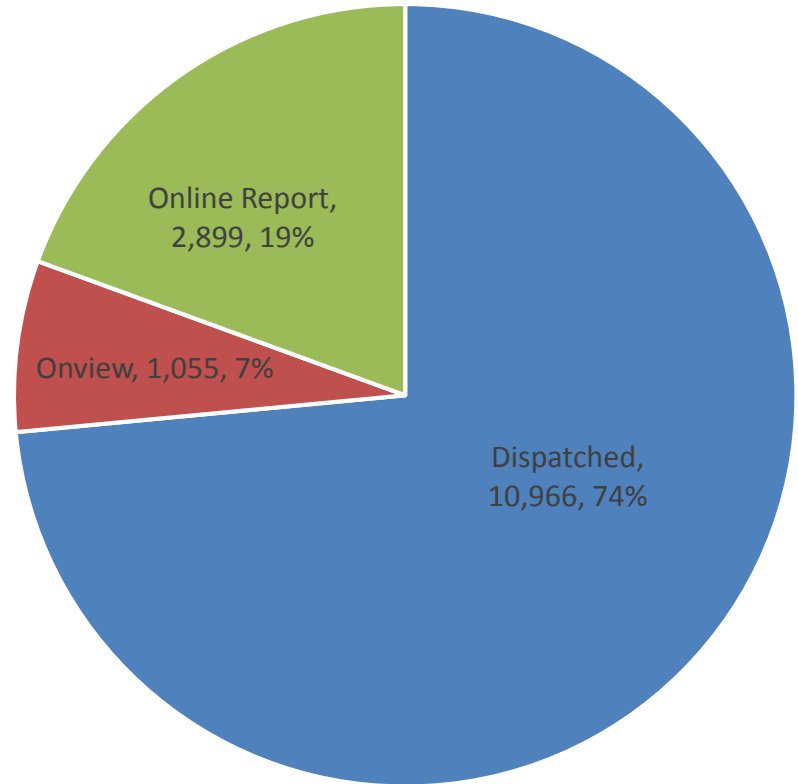


SEASTAT CRIME BY “HOW RECEIVED”

Crime Report Funnel

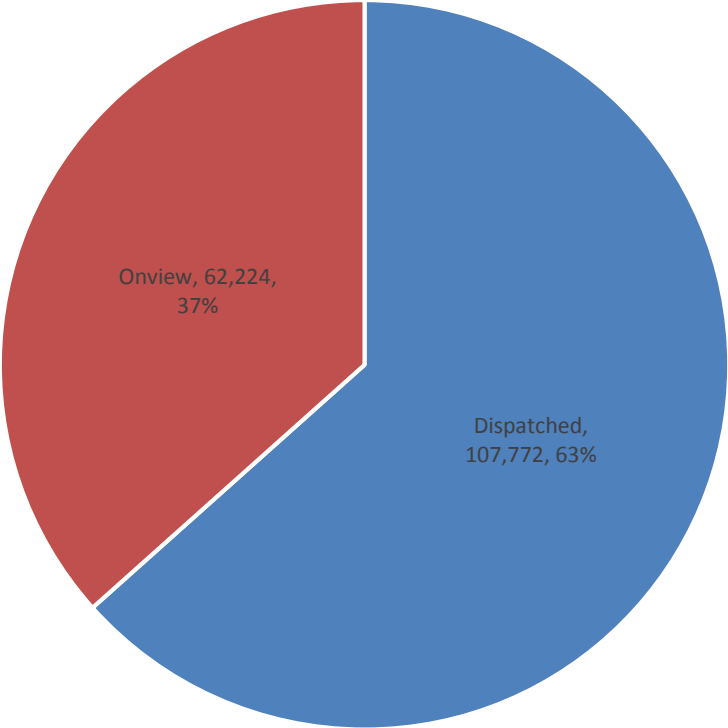


SeaStat Crime by “How Received”
January 1 through May 15, 2017



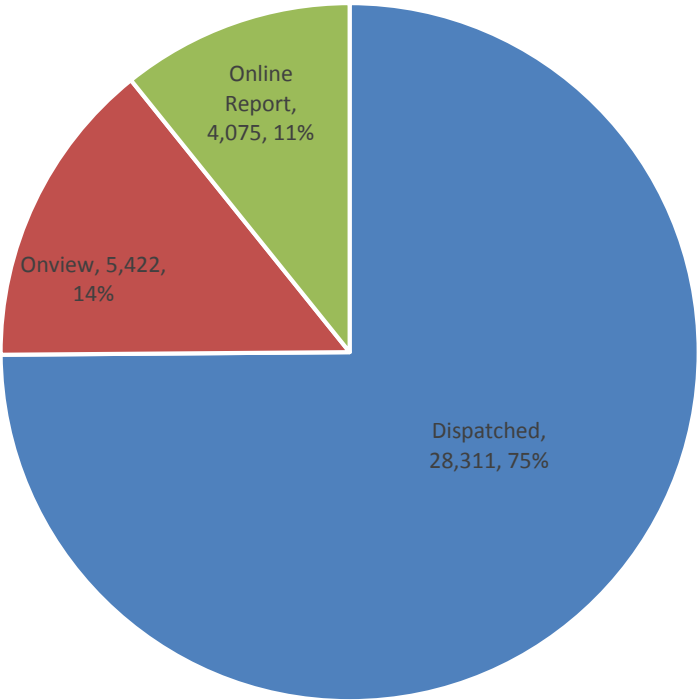
CAD AND GO REPORT BY “HOW RECEIVED”

CAD Events by “How Received”
January 1 through May 14, 2017



■ Dispatched ■ Onview

Primary GO Reports by "How Received"
January 1 through May 16, 2017



■ Dispatched ■ Onview ■ Online Report

CITYWIDE SHOTS FIRED YTD



SeaStat Shots Fired Dashboard

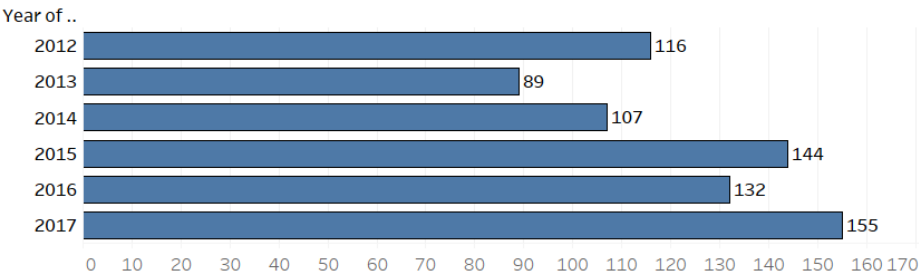
Last Update: 5/15/17

Shots Fired include injury and non-injury firearm-related incidents. Shootings are firearm-related incidents that resulted in injury or death. Self-inflicted and officer-involved shootings are not included. Report inception: 2012.

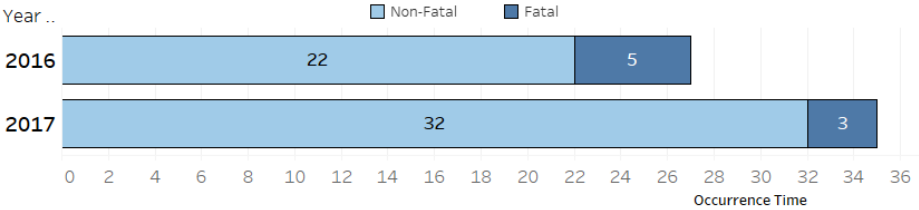


Shots Fired Report

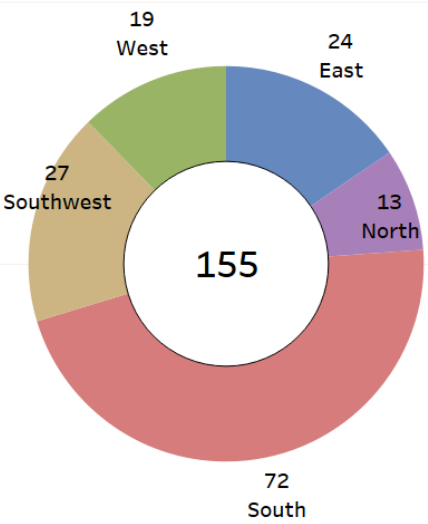
Shots Fired YTD



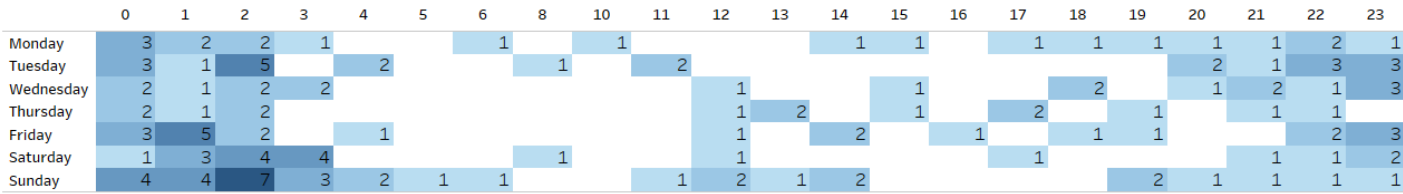
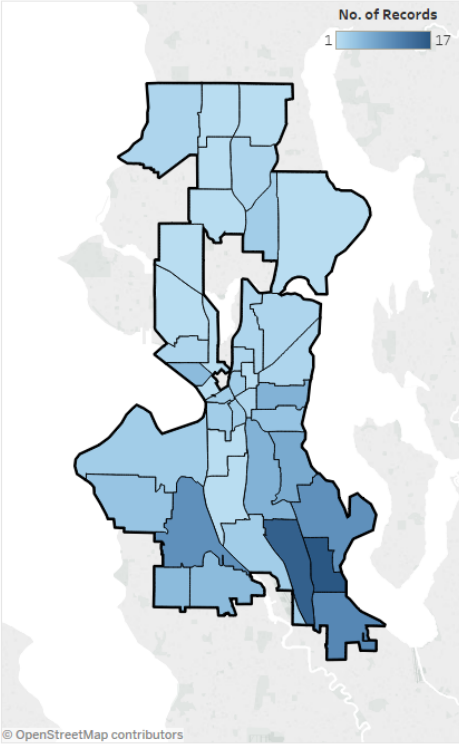
Shootings YTD



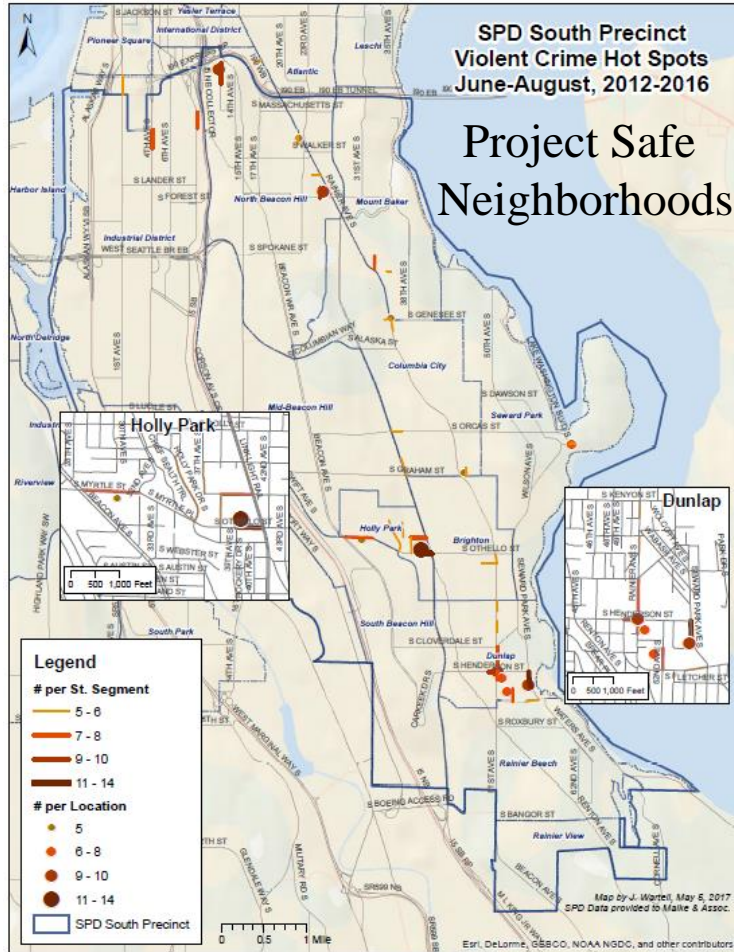
Shots Fired by Precinct



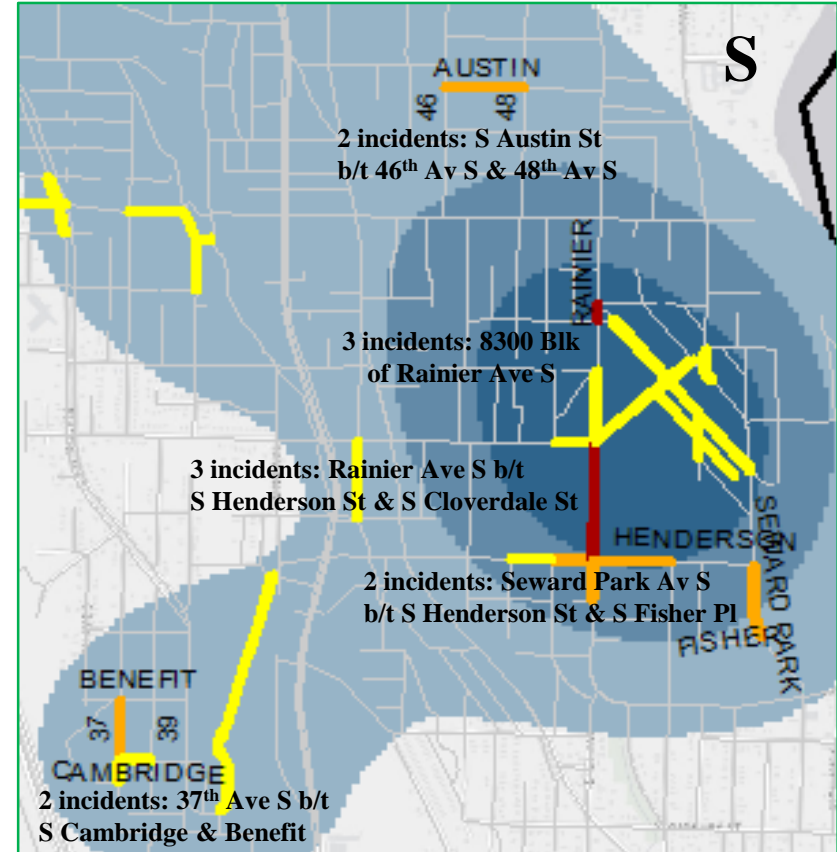
Citywide Shots Fired by Beat



VIOLENT CRIME SPATIAL ANALYSIS



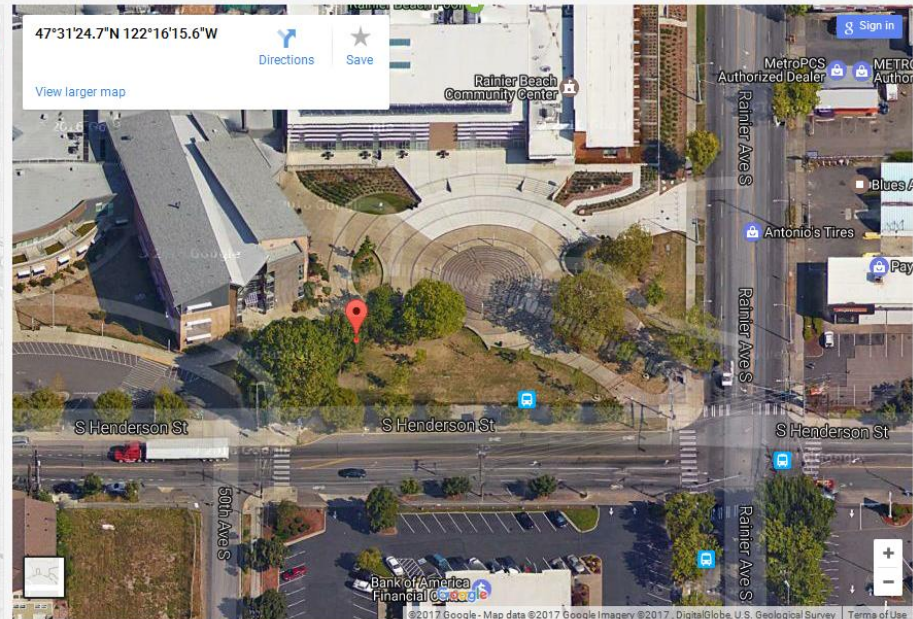
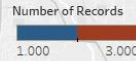
2017 YTD St. Segment Analysis





DATA-DRIVEN

11 Repeat Locations
24 Incidents (15%)
2 New Repeat Locations



Week of ..	Time	Incident Type	
January 1, 2017	Null	Property Damage	1
	1:09 AM	Fight/Disturbance	1
	1:35 AM	Robbery-Commercial	1
	2:22 AM	Assault Investigation	1
	2:41 AM	Drive-by	1

CITYWIDE RESPONSE TIME

Response Time Overview

Priority

1

How Recv Desc

(Multiple values)

Year of Orig Time Queued

(All)

Month of Orig Time Queued

(All)

Day of Orig Time Queued

(All)

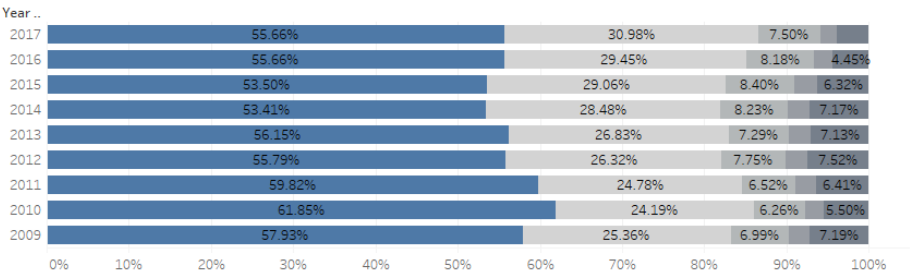
Hour of Orig Time Queued

(All)

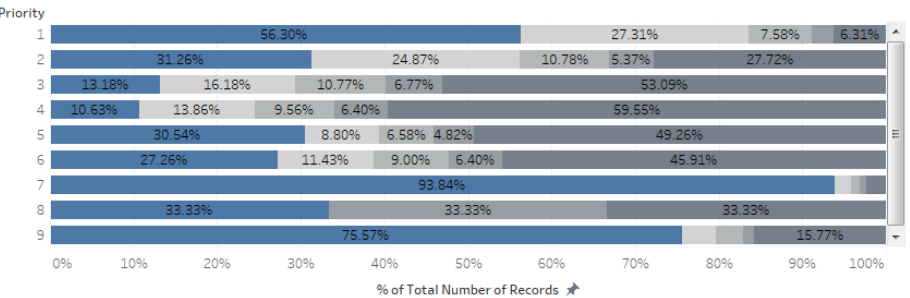
Watch Split

(All)

Response Time Split by Year

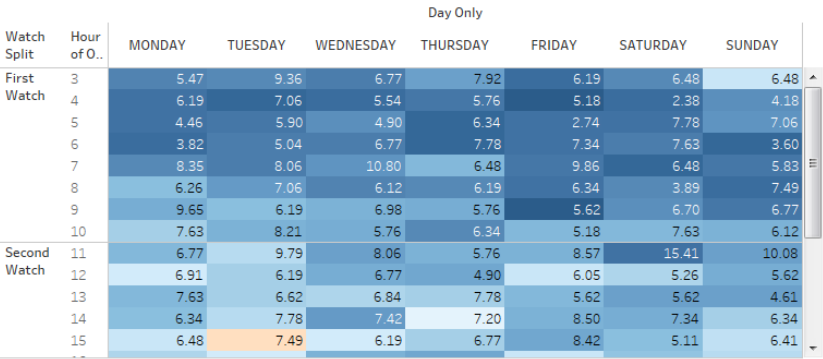


Response Time Split by Priority



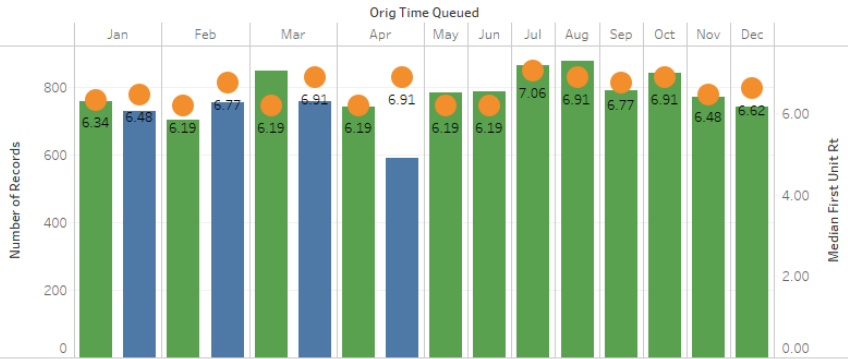
Response T... 0 to 7 Minutes 8 to 14 Minutes 15 to 21 Minutes 22 to 28 Minutes Beyond 28 Mins

In-Call Volume vs Response Time by Day & Hour




Number of... 5 60 Year of Ori...

MoM In-Call Volume vs Response Time



Measure N... Median First Unit Rt

CITYWIDE RESPONSE BIWEEKLY REPORT



DATA-DRIVEN

Bi-Weekly Response Time in Minutes

4/24/2017 - 5/08/2017

Median Citywide RT

6.34

P1 Response Times for Patrol Units Citywide (excluding onviews, duplicate and cancelled events)

First watch: 0400-1100, Second watch: 1200-1900, Third watch: 2300-0300

Precinct	Shift	Avg. First Unit Rt	Median First Unit Rt	Min. First Unit Rt	Max. First Unit Rt
East	First Watch	8.20	6.05	0.58	40.46
	Second Watch	7.07	4.90	0.72	82.22
	Third Watch	4.50	3.74	0.58	40.75
North	First Watch	9.21	6.34	0.72	68.40
	Second Watch	11.40	8.35	1.01	124.13
	Third Watch	9.24	5.90	1.15	123.70
South	First Watch	8.53	6.34	0.86	33.70
	Second Watch	10.83	7.78	0.72	156.82
	Third Watch	9.08	6.34	1.01	84.67
Southwest	First Watch	8.54	6.62	2.59	24.77
	Second Watch	10.43	8.93	0.43	59.33
	Third Watch	9.71	7.20	1.44	70.42
West	First Watch	8.42	6.19	1.01	39.17
	Second Watch	8.51	5.76	1.01	188.35
	Third Watch	5.50	4.32	0.58	43.63

NAVIGATION TEAM

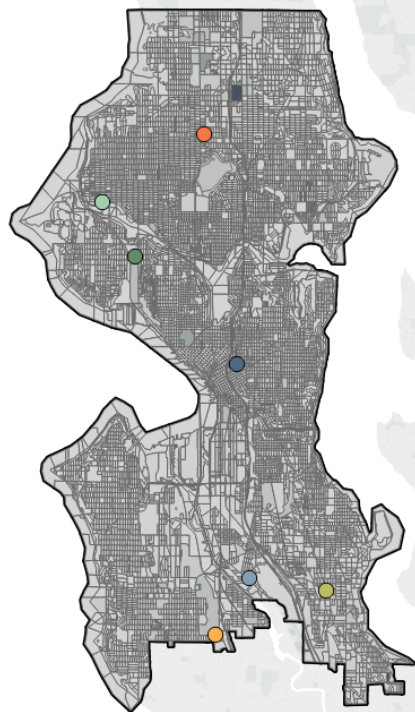


DATA-DRIVEN

Navigation Explorer

Crime and Calls for Service data 2015-2017 YTD (Jan 1-May 14)

Number of Records
1 1,614



Crime Data per Encampment RA

Encampment	RA	2015	2016	2017
221 E Union St	6963	4	5	4
1000 S Myrtle St	3829	5	4	14
2826 Market St	4509	1	4	3
3234 17th Ave W	7973	10	15	10
7544 MLK Jr Way S	680	9	11	5
8620 Nesbit Ave N	12978	3	10	8
9701 Myers Way S	2377	10	9	12
Grand Total		42	58	56

Crime Data per Encampment RA+1

RA (group)	2015	2016	2017
RA+1 (Union)	43	67	80
RA+1 (Myrtle)	8	9	29
RA+1 (Market)	14	46	31
RA+1 (17th Ave)	31	22	16
RA+1 (MLK)	32	22	23
RA+1 (Nesbit)	100	116	121
RA+1 (Myers)	87	108	79
Grand Total	315	390	379

How Recv Desc

ONVIEW

Calls for Service per Encampment RA

RA	2015	2016	2017
6963	10	5	2
3829	12	6	22
4509	2	1	2
7973	9	27	7
680	27	24	37
12978	13	16	14
2377	9	2	17
Grand Total	82	81	101

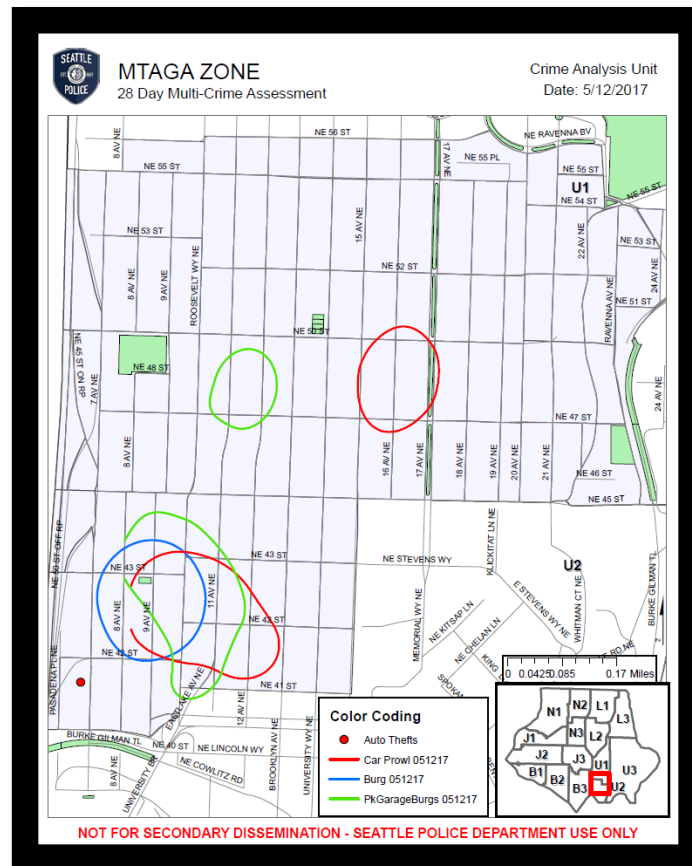
Calls for Service per RA+1

RA (group)	2015	2016	2017
RA+1 (Union)	55	83	69
RA+1 (Myrtle)	26	22	57
RA+1 (Market)	11	45	41
RA+1 (17th Ave)	37	62	43
RA+1 (MLK)	62	37	63
RA+1 (Nesbit)	215	246	374
RA+1 (Myers)	134	282	395
Grand Total	540	777	1,042

CRIME AND PROACTIVITY IN UNIVERSITY DISTRICT (JAN-APR 2017)

Number of GOs Jan -Apr 2017

Crime Type	Jan	Feb	Mar	Apr
BURGLARY-FORCE-NONRES	3	2	5	10
BURGLARY-FORCE-RES	12	9	14	8
BURGLARY-NOFORCE-NONRES	4	1	2	1
BURGLARY-NOFORCE-RES	10	5	7	6
BURGLARY-SECURE PARKING-NONRES	2	1	1	0
BURGLARY-SECURE PARKING-RES	41	17	13	16
ROBBERY-BANK-BODYFORCE	1	0	1	0
ROBBERY-BUSINESS-BODYFORCE	1	1	1	1
ROBBERY-BUSINESS-GUN	0	0	0	1
ROBBERY-BUSINESS-WEAPON	0	0	0	1
ROBBERY-RESIDENCE-BODYFORCE	1	0	0	1
ROBBERY-STREET-BODYFORCE	2	0	0	0
ROBBERY-STREET-GUN	0	1	1	1
ROBBERY-STREET-WEAPON	0	1	0	1
THEFT-AUTOACC	0	1	1	3
THEFT-CARPROWL	79	49	40	31
THEFT-LICENSE PLATE	0	2	5	1
Grand Total	156	90	91	82



CRIME AND PROACTIVITY IN UNIVERSITY DISTRICT (JAN-APR 2017)

Proactivity in U1 & U2 Emphasis Area

Unit Type Desc	Orig Time Queued			
	January	February	March	April
WALKING BEAT (FOOT BE..	1	138	278	268
PATROL	137	103	121	90
BICYCLE BEATS	47	80	60	64
OFF DUTY	32	20	37	44
PATROL SGT	52	17	26	32
EMPHASIS PATROL	9	20	26	39
COMMUNITY SERVICE	7	14	15	6
PARKING ENFORCEMENT	15	15	8	2
DETECTIVES	5	8	10	10
ACT - ANTI CRIME TEAM	2	4	6	9
PROACTIVE PATROL	10	9	2	
WAGON UNIT	1	9	2	4
DESK OFFICER	1	5	4	5
HOMELESS NAVIGATION		1	4	5
TRAFFIC	5	2	1	1
CANINE UNIT	3	1	1	2
PATROL LIEUTS	2	1	1	1
CRISIS RESPONSE	3			
COMMAND UNIT				2
HARBOR			2	
SPECIAL EVENT	2			
GANG UNIT				1
LAPTOP USERS	1			
OTHER AGENCY	1			
VICTIM SUPPORT TEAM	1			
Grand Total	286	390	555	531

Patrol Units in U1 & U2 Emphasis Area From Jan -Apr 2017
(Includes Bikes, Emphasis, Officers, Lt.s, Sgt.s, Proactive, and Walking Beats)

