

# Performance Brief

FY 2019, 1ST QTR. REPORT

**POMPANO BEACH FIRE RESCUE**

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## Background

This report highlights Pompano Beach Fire Rescue's emergency response activities for the first three months of fiscal year 2019. Data for the period are compared with comparable periods to monitor trends. In this respect, two basic questions are addressed: What was the level of service demand? And how did we perform?

All years referred to in the document are fiscal years. Numbers in the text, tables or charts may not add up to totals due to rounding. The sum of zone totals may not add up to total incident due to computer data input errors and/or the exclusion of Mutual Aid data incidents from zone totals. See the incidents response map on Page 15.

**Coverage Area** - The city is divided into six *zones*, each with a dedicated fire station. The zones are not divided equally, with similar demographics and population density. For instance, of the six fire stations, only one is located west of Interstate-95 where most of the city population growth has occurred in the last twenty five years.

The department also provides emergency coverage for the Village of Sea Ranch Lakes, referred in the document as Zone 12C and treated as a seventh zone for the purpose of reporting. [Sea Ranch Lakes](#) is located about one mile south of Pompano Beach's city limits along AIA.<sup>1</sup> In addition to Sea Ranch Lakes, the City of Pompano Beach has an Automatic-Aid agreement with the City of [Lighthouse Point](#) (located just north of Pompano along Federal Highway), calling for Lighthouse Point Fire Rescue to commit an aerial ladder truck automatically to all Pompano Beach commercial fires while Pompano Beach Fire Rescue would respond to all of Lighthouse Point's structure fires.<sup>2</sup>

**The 9-1-1 System** – Two agencies (the Broward County Dispatch Center and Pompano Beach Fire Rescue) are involved in the process, and together they impact response times. At the Dispatch Center, the call taker takes the information (Phase I) from the person calling 9-1-1 and transfers it to the dispatcher who then alerts the fire department (Phase II). These events are exclusively under the control of the Dispatch Center. Firefighters take the call/leave the fire station (Phase III) and travel to the scene of the incident (Phase IV).

In short, response times are impacted by (1) how long it takes the call taker and the dispatcher to process and transfer the call to the fire department and (2) the time it takes firefighters to react/leave the fire station and travel to the scene.

This report is based on preliminary data and is always subject to change and revisions in the future.

Thank you for your interest in the organization; your comments and suggestions on how to improve this document are always welcome. This report is also available on the fire department [webpage](#).

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<sup>1</sup> The service contract between the City and the Village of Sea Ranch Lakes generates \$227,328 annually; it helps to pay for the cost of staffing the third paramedic on the beach rescue ambulance.

<sup>2</sup> There is no monetary obligation for either party.

## Who we are

### *CITY OF POMPANO BEACH*

110,473 Residents<sup>3</sup>  
27.2% Foreign Born Population  
35.4% of the local population speaks a language other than English  
4,159 Persons per Square Mile  
\$44,756 Median Household Income *(in 2017 dollars)*

### *POMPANO BEACH FIRE RESCUE*

239 FTE *(Including 18 full-time Lifeguards in the Ocean Rescue Division)*

6 Fire Stations  
7 Rescue Ambulances  
6 Fire Engines  
1 Ladder Truck  
1 Special Operations Vehicle  
7 Lifeguard towers

\$41.2 Million Operating Budget

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<sup>3</sup> Population estimates, July 1, 2017

Population Census, April 1, 2010: 99,845

<https://www.census.gov/quickfacts/fact/table/pompanobeachcityflorida/BZA210216>

## **What we do**

### **RESPOND TO EMERGENCIES; PROVIDE PRE-HOSPITAL CARE AND BEACH SAFETY**

We promote public safety and respond to all calls for emergency assistance 24/7.

The work is performed by well-trained personnel from a diverse background.

We seek inclusion and call for all Fire Department employees to celebrate the multitude of cultures, religions, beliefs, voices and people we are privileged to work with and serve.

### **ENFORCE FIRE SAFETY CODES**

The Bureau of Fire Prevention is the fire-safety enforcement arm of the City.

Fire inspections of commercial and multi-residential properties are performed in an effort to eliminate or reduce the number of fire hazards at these properties within the city.

Fire inspectors also review building construction plans for fire-safety code compliance.

### **PUBLIC EDUCATION**

In addition to its core mission, the Pompano Beach Fire Rescue offers a host of public education programs throughout the year, most of which are offered at no cost to participants.

*EMS Week*

*Fire Prevention Week*

*Child Car Seat Safety*

*Community Emergency Response Team<sup>4</sup> (CERT)*

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<sup>4</sup> Through CERT, Pompano Beach Fire Rescue has been able to train thousands of Pompano Beach residents about disaster preparedness and recovery since 1997.

## **EMERGENCY RESPONSE STATS**

## EMERGENCY RESPONSE

From October 2018 through December 2019, Pompano Beach Fire Rescue responded to 6,911 emergency calls or an average of **75** incidents a day (equivalent to an estimated 63 incidents per 1,000 population<sup>5</sup>). This is a 7% decrease when compared to the same period last year. (See Table 1.)

There were unfortunately five fire fatalities and an estimated \$1.3 million in property loss due to fire incidents. This also means that an estimated \$14.9 million worth of property value was saved or preserved as a result of our quick response, resulting in a loss-to-value ratio of 9.1%.

63% of the incidents took place during the day, between the hours of 8:00am and 8:00pm; during this time period the system responded to 4 calls per hour.

Our call distribution data shows EMS calls and vehicle accidents accounting for 77% of the calls the fire department responded to during the period under consideration. Fire incidents occurred at a rate of one per day and has maintained the same pattern for more than twenty five years.

When breaking down by *zone*, the allocation of call volume remained stable with no deviation from historical trend: Zone 52 and Zone 63 accounted for 47% of all emergency responses; Zone 24 and Zone 61 combined for 35% of the incidents; and calls from Zone 103 and Zone 11 accounted for approximately 18% of the calls, jointly. (See Table 3.)

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<sup>5</sup> This is based on an estimated city population of 109,441.

**Table 1 / Performance Indicators**

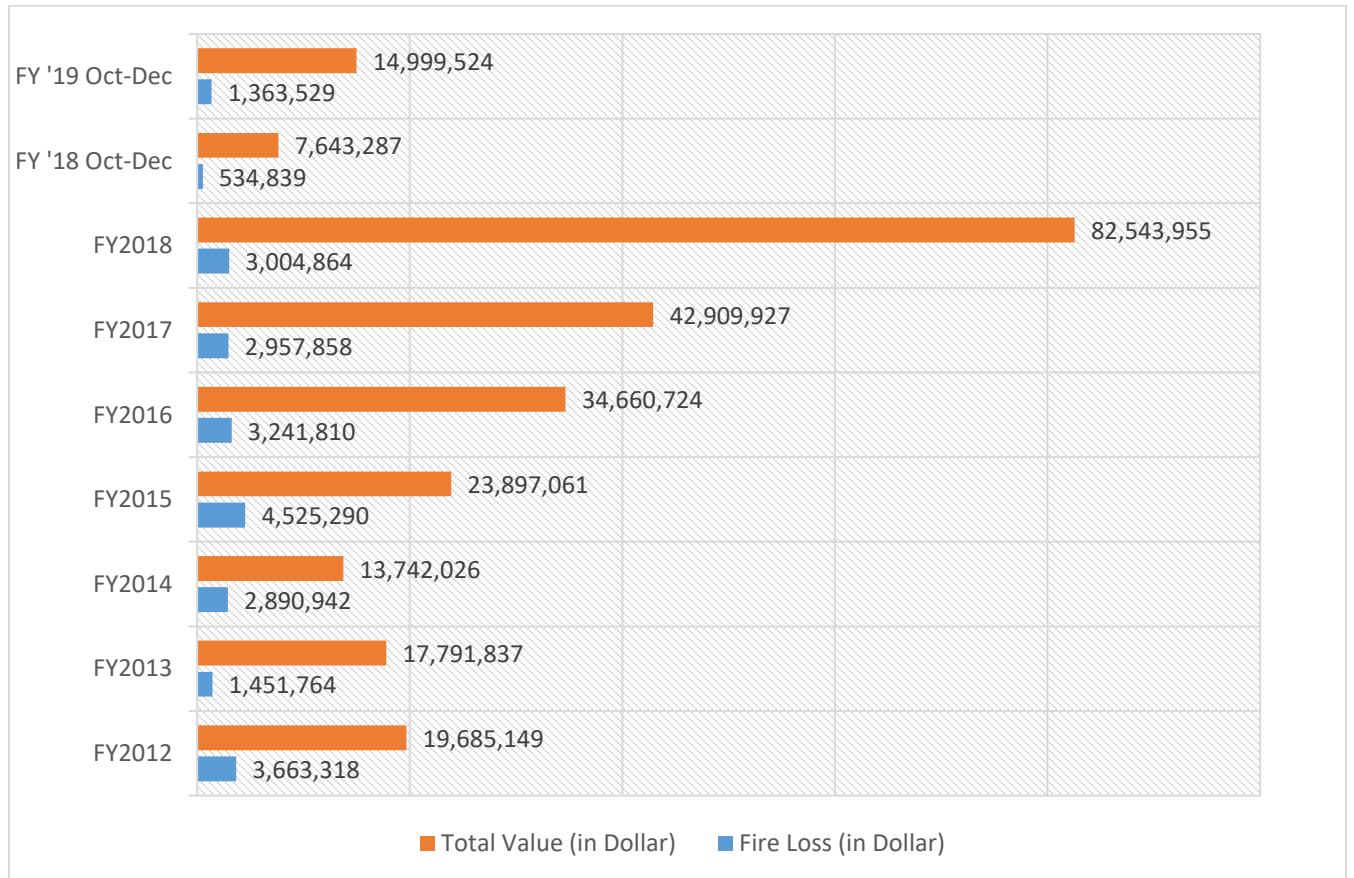
	FY2014	FY2015	FY2016	FY2017	FY2018	FY2018	FY2019
	YR END	YR END	YR END	YR END	YR END	OCT-DEC	OCT-DEC
<i>Total Calls</i>	24538	27619	27895	29549	28784	7453	6911
<i>Calls per Day</i>	67	76	76	81	79	81	75
<i>Calls per 1000-population</i>	234	260	260	270	263	67	63
<i>EMS Transports</i>	15348	16867	16474	17471	16790	4357	n/a
<i>EMS Transports per Day</i>	42	46	45	48	46	47	n/a
<i>Transports (% of Total Calls)</i>	62.5	61.1	59.1	59.1	58.3	58.4	n/a
<i>Fire Loss (In million)</i>	\$2.8	\$2.1	\$3.2	\$2.9	\$3.0	\$0.53	\$1.36
<i>Property Saved (In million)</i>	\$10.8	\$19.3	\$31.4	\$39.9	\$79.5	\$7.1	\$14.9
<i>Total Value (In million)</i>	\$13.7	\$23.85	\$34.6	\$42.9	\$82.5	\$7.6	\$14.9
<i>Loss-to-Value Ratio</i>	21.0%	13.7%	9.4%	6.9%	3.6%	7.0%	9.1%
<i>Fire Fatality</i>	1	2	1	2	1	0	5
<i>Civilian Fire Injury</i>	26	22	18	24	16	7	4
<i>Firefighter Injury</i>	54	71	39	49	44	10	20
<i>Fires (% of Total Calls)</i>	1.4	1.2	1.3	1.2	1.2	0.9	1.3
<i>Vehicle Accidents (% of Total Calls)</i>	5.2	6.1	6.7	6.3	6.0	6.1	6.3
<i>Medical/Rescues (% of Total Calls)</i>	75.6	74.0	71.7	72.0	71.7	71.6	70.7
<i>Hazardous Cond. (% of Total Calls)</i>	2.2	1.8	1.7	2.0	1.1	1.2	1.0
<i>False Alarms (% of Total Calls)</i>	5.2	5.2	5.2	5.4	5.4	5.6	5.5
<i>Other (% of Total Calls)</i>	10.4	11.7	13.4	13.1	14.6	14.6	15.2
<i>Properties subject to Fire Inspection</i>	10286	10300	n/a	10534	n/a	n/a	n/a
<i># of Properties Inspected</i>	4846	4698	6583	n/a	7855	1535	n/a
<i># of Construction Plan Reviews</i>	3087	3108	4171	4832	5571	n/a	n/a
<i># of Construction Inspections</i>	2990	3078	n/a	3183	3671	n/a	n/a
<i>City Population</i>	104662	106260	107425	109441	110473	110473	110473
<i>Total FTE*</i>	217	217	217	232	232	232	239
<i>Operating Budget (in million)</i>	\$32.9	\$33.6	\$34.2	\$35.6	\$39.6	\$39.6	\$41.1
<i>Cost per Capital**</i>	\$315	\$317	\$319	\$326	\$362	\$359	\$372

\*Total FTE includes 18 full-time Ocean Rescue personnel

\*\*The cost per capita is equivalent to approximately \$1 a day per Pompano Beach resident. It covers operating cost associated with Fire-Rescue and Beach Safety.

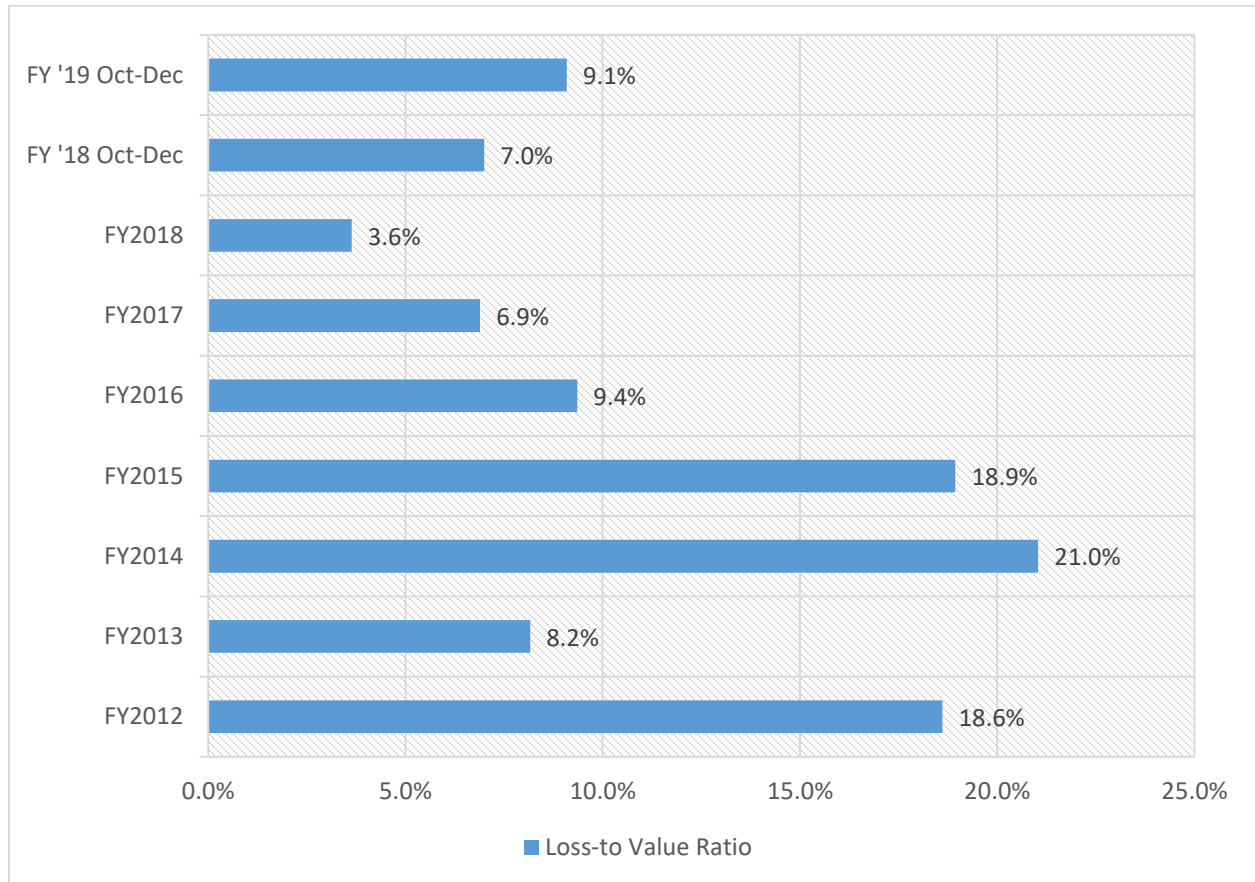


**Chart 1 / Fire Loss vs Property Value Saved**



⇒ **Our firefighting efforts have saved an estimated \$30.4 million a year in property value since FY 2012.**

**Chart 2 / Property Loss-to-Value Ratio**



**Table 2 / Incident Types**

	FY2012 YR END	FY2013 YR END	FY2014 YR END	FY2015 YR END	FY2016 YR END	FY2017 YR END	FY2018 YR END	FY2018 OCT-DEC	FY2019 OCT-DEC
Fire	333	354	332	328	360	363	345	68	91
Vehicle Accident	1085	1064	1276	1686	1870	1872	1717	452	432
Medical/Rescue	17861	17753	18541	20430	19987	21262	20645	5338	4886
Hazmat	655	596	552	502	487	598	320	90	71
False Alarm	1342	1259	1288	1449	1455	1593	1558	417	383
Other	<u>2115</u>	<u>2235</u>	<u>2549</u>	<u>3224</u>	<u>3736</u>	<u>3861</u>	<u>4199</u>	<u>1088</u>	<u>1048</u>
Total	23391	23261	24538	27619	27895	29549	28784	7453	6911
As a percentage of the total									
Fire	1.4%	1.5%	1.4%	1.2%	1.3%	1.2%	1.2%	0.9%	1.3%
Vehicle Accident	4.6%	4.6%	5.2%	6.1%	6.7%	6.3%	6.0%	6.1%	6.3%
Medical/Rescue	76.4%	76.3%	75.6%	74.0%	71.7%	72.0%	71.7%	71.6%	70.7%
Hazmat	2.8%	2.6%	2.2%	1.8%	1.7%	2.0%	1.1%	1.2%	1.0%
False Alarm	5.7%	5.4%	5.2%	5.2%	5.2%	5.4%	5.4%	5.6%	5.5%
Other	<u>9.0%</u>	<u>9.6%</u>	<u>10.4%</u>	<u>11.7%</u>	<u>13.4%</u>	<u>13.1%</u>	<u>14.6%</u>	<u>14.6%</u>	<u>15.2%</u>
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

**Table 3 / Incidents by Zone**

	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2018	FY2019
	YR END	YR END	YR END	YR END	YR END	YR END	YR END	OCT-DEC	OCT-DEC
Zone 11	2636	2585	2466	2773	2837	2959	2842	710	701
Zone 24	3530	3410	3582	4445	4578	4602	4431	1194	1073
Zone 52	6034	6051	6190	6737	6730	7078	6954	1765	1675
Zone 61	3630	3888	4143	4558	4569	4875	4661	1310	1179
Zone 63	4581	4392	4747	5460	5568	6063	6244	1556	1436
Zone 103	2809	2752	2321	3409	3399	3752	3433	629	528
Zone 12C	72	77	79	66	80	75	49	15	16
Incidents per 24-hour day									
Zone 11	7	7	7	8	8	8	8	8	8
Zone 24	10	9	10	12	13	13	12	13	12
Zone 52	17	17	17	18	18	19	19	19	18
Zone 61	10	11	11	12	12	13	13	14	13
Zone 63	13	12	13	15	15	17	17	17	16
Zone 103	8	8	6	9	9	10	9	7	6
Zone 12C	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
As a percentage of the total									
Zone 11	11.3%	11.2%	10.5%	10.1%	10.2%	10.1%	9.9%	9.9%	10.6%
Zone 24	15.2%	14.7%	15.2%	16.2%	16.5%	15.7%	15.5%	16.6%	16.2%
Zone 52	25.9%	26.1%	26.3%	24.5%	24.2%	24.1%	24.3%	24.6%	25.3%
Zone 61	15.6%	16.8%	17.6%	16.6%	16.5%	16.6%	16.3%	18.2%	17.8%
Zone 63	19.7%	19.0%	20.2%	19.9%	20.1%	20.6%	21.8%	21.7%	21.7%
Zone 103	12.1%	11.9%	9.9%	12.4%	12.2%	12.8%	12.0%	8.8%	8.0%
Zone 12C	0.3%	0.3%	0.3%	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%

Note: The fire department also provides emergency coverage for the contract service area of the Village of Sea Ranch Lakes: Zone 12C, treated as a seventh zone for the purpose of this reporting.

Chart 3 / Rescue Ambulance: Average Number of Incidents per Day

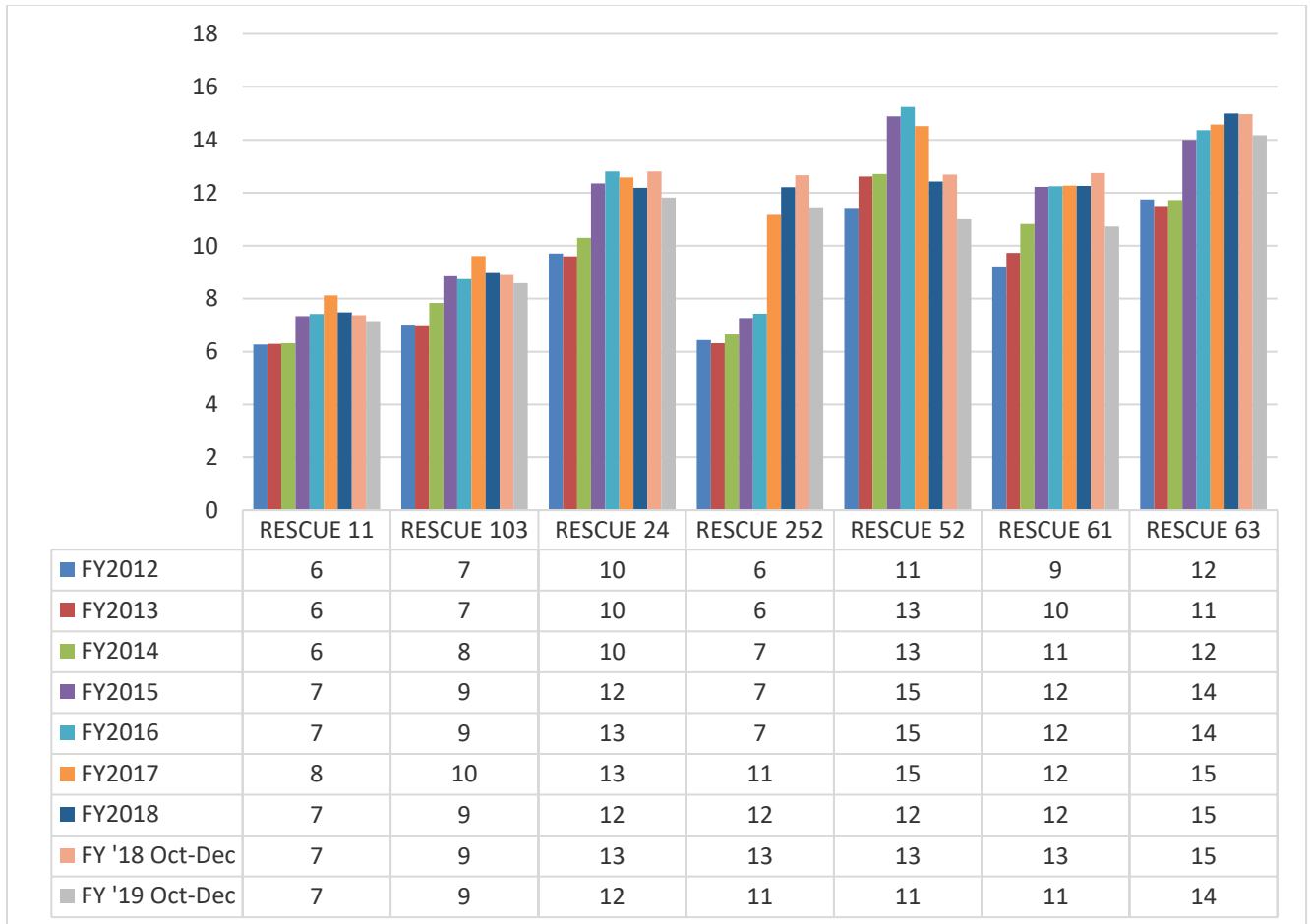
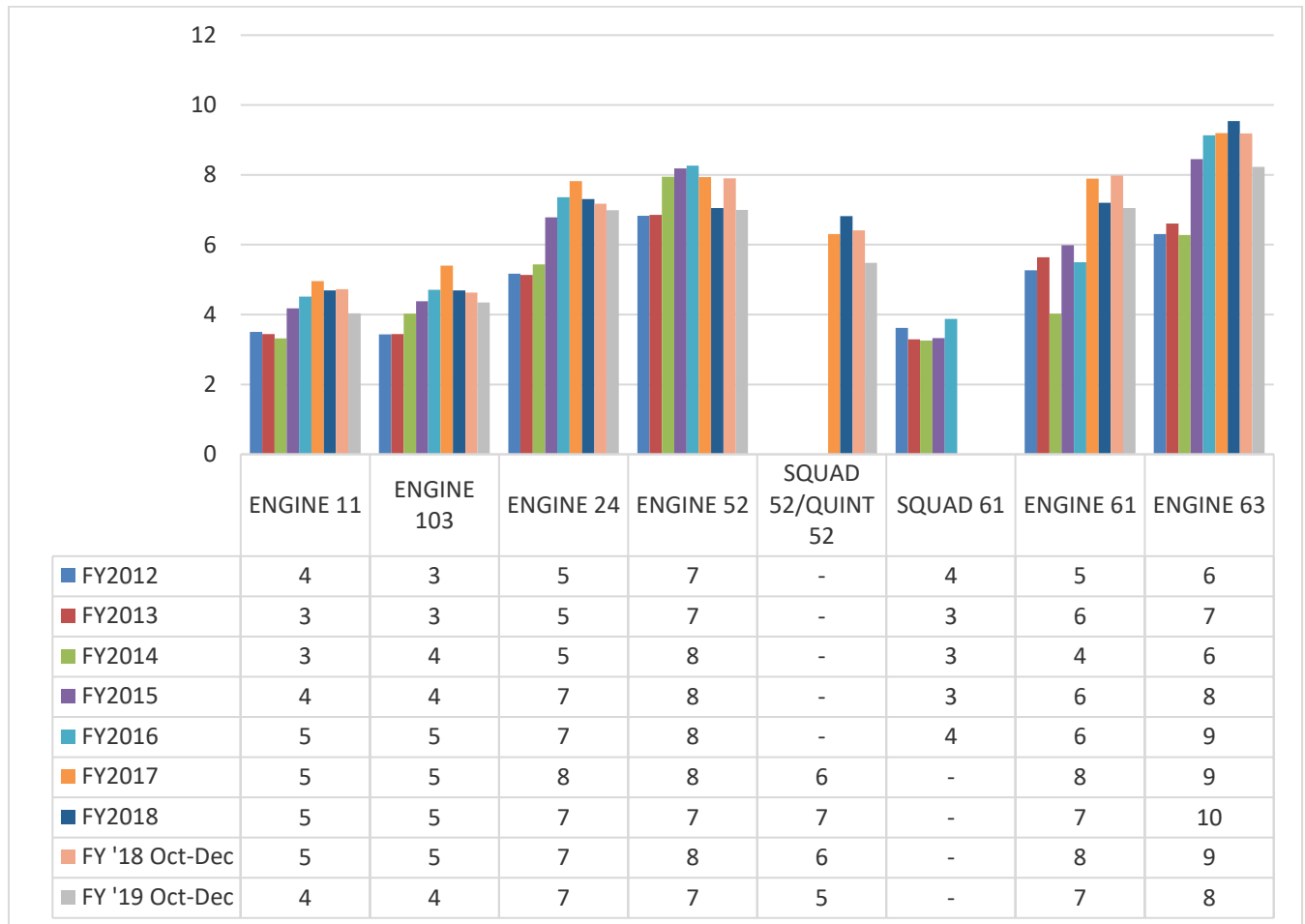


Chart 4 / Fire Engines: Average Number of Incidents per Day



**Table 4 / Incidents by Day of Week**

	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2017	FY2018
	YR END	YR END	YR END	YR END	YR END	YR END	YR END	OCT-DEC	OCT-DEC
Sunday	3341	3166	3344	3720	3,717	3987	3987	1054	984
Monday	3384	3460	3505	4117	4,056	4347	4178	1079	988
Tuesday	3221	3338	3462	3907	3,858	4249	4198	1049	931
Wednesday	3254	3259	3496	4024	4,014	4369	4148	1090	995
Thursday	3210	3221	3577	3788	3,907	4191	3995	1065	943
Friday	3468	3393	3656	4123	4,265	4162	4263	1081	1027
Saturday	3513	3424	3499	3943	4,078	4244	4015	1039	1043
	Daily call volume								
Sunday	64	61	64	72	71	77	75	75	76
Monday	65	67	67	79	78	84	80	83	71
Tuesday	62	64	67	75	74	82	81	81	72
Wednesday	63	63	67	77	77	84	80	84	77
Thursday	62	62	69	73	75	81	77	82	73
Friday	67	65	70	79	80	79	82	83	79
Saturday	68	66	67	76	77	80	77	80	80
	As a percentage of the total								
Sunday	14.3%	13.6%	13.6%	13.5%	13.3%	13.5%	13.9%	14.1%	14.2%
Monday	14.5%	14.9%	14.3%	14.9%	14.5%	14.7%	14.5%	14.5%	14.3%
Tuesday	13.8%	14.4%	14.1%	14.1%	13.8%	14.4%	14.6%	14.1%	13.5%
Wednesday	13.9%	14.0%	14.2%	14.6%	14.4%	14.8%	14.4%	14.6%	14.4%
Thursday	13.7%	13.8%	14.6%	13.7%	14.0%	14.2%	13.9%	14.3%	13.6%
Friday	14.8%	14.6%	14.9%	14.9%	15.3%	14.1%	14.8%	14.5%	14.9%
Saturday	15.0%	14.7%	14.3%	14.3%	14.6%	14.4%	13.9%	13.9%	15.1%

## Appendix. Pompano Beach Emergency Response Zones

