

2019

Analysis of Shelter Intake and Outcome



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I. DEFINITIONS

Term	Definition
Small Dog	Under 23 lbs.
Medium Dog	23 to 57 lbs.
Large Dog	58 to 98 lbs.
Very Large Dog	99 lbs. and up
Kitten	Under 6 lbs.
Medium Cat	6 to 9 lbs.
Large Cat	9 lbs. and up
Quarter to Date (Year to Date)	Third Quarter of the Fiscal Year

II. INTAKE ANALYSIS

1. INTAKE TRENDS AND BACKGROUND

Dog intake from FY2016 to FY2018 has declined by approximately 17%, while cat intake has increased by 10%. In addition, intake for the first three quarters in FY2019 are unchanged when compared to the first three quarters in FY2018. During this time period, dog intake has increased by 12% and cat intake has increased by 10%.

Cats make up approximately 62% of the intake population, while dogs make up approximately 38%. Intake from Stray pickup accounts for 74% of all intake and intake from owners relinquishing their animals account for 15% for combined 89% of total intake.

Pie Chart Intake by Category (FY2016- FY2019 3rd Qtr.) and Intake Proportions by Species (FY2016-FY2019)

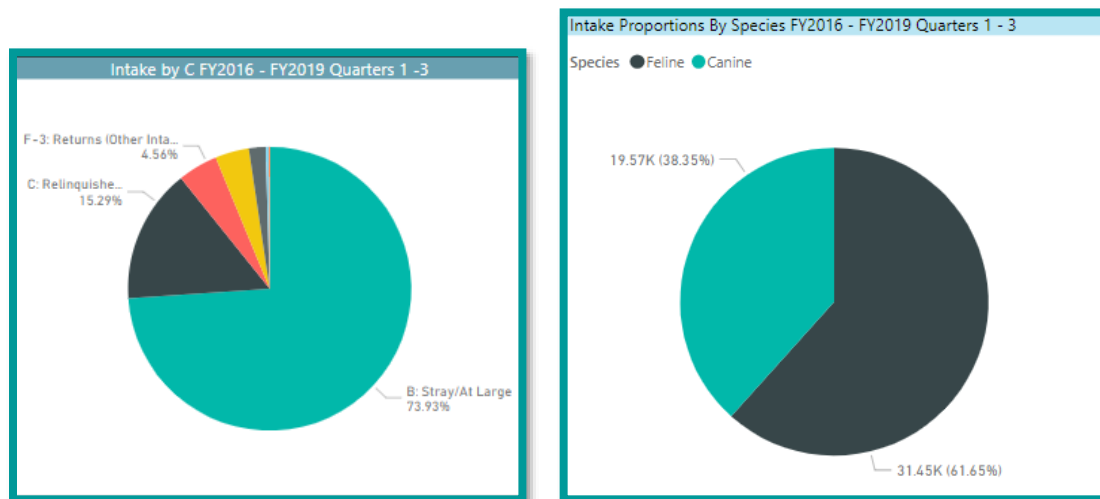


Table - Intake Statistics FY2019 Quarters 1 - 3

Intake & Outcome Statistics (10/1/2018 - 6/30/2019) Pivoted by Intake & Outcome				Fiscal Year Stats	
		Canine	Feline	Total	2019
LIVE INTAKE					
B	Stray/At Large	2,496	6,138	8,634	8,634
C	Relinquished by Owner	277	242	519	519
D	Owner Intended Euthanasia	140	84	224	224
E	Transferred in from Agency	3	0	3	3
F	Cruelty/Confiscate (Other Intakes)	110	45	155	155
F	Born in the Shelter (Other Intakes)	33	27	60	60
F	Returns (Other Intakes)	170	87	257	257
G	Total Live Intake [B+C+D+E+F]	3,229	6,623	9,852	9,852

Table – Intake Statistics FY2018 Quarters 1 - 3

Intake & Outcome Statistics (10/1/2017 - 6/30/2018) Pivoted by Intake & Outcome				Fiscal Year Stats	
		Canine	Feline	Total	2018
LIVE INTAKE					
B	Stray/At Large	2,846	5,573	8,419	8,419
C	Relinquished by Owner	294	357	651	651
D	Owner Intended Euthanasia	184	97	281	281
E	Transferred in from Agency	2	4	6	6
F	Cruelty/Confiscate (Other Intakes)	158	44	202	202
F	Born in the Shelter (Other Intakes)	21	18	39	39
F	Returns (Other Intakes)	173	129	302	302
G	Total Live Intake [B+C+D+E+F]	3,678	6,222	9,900	9,900

2. STRAY INTAKE

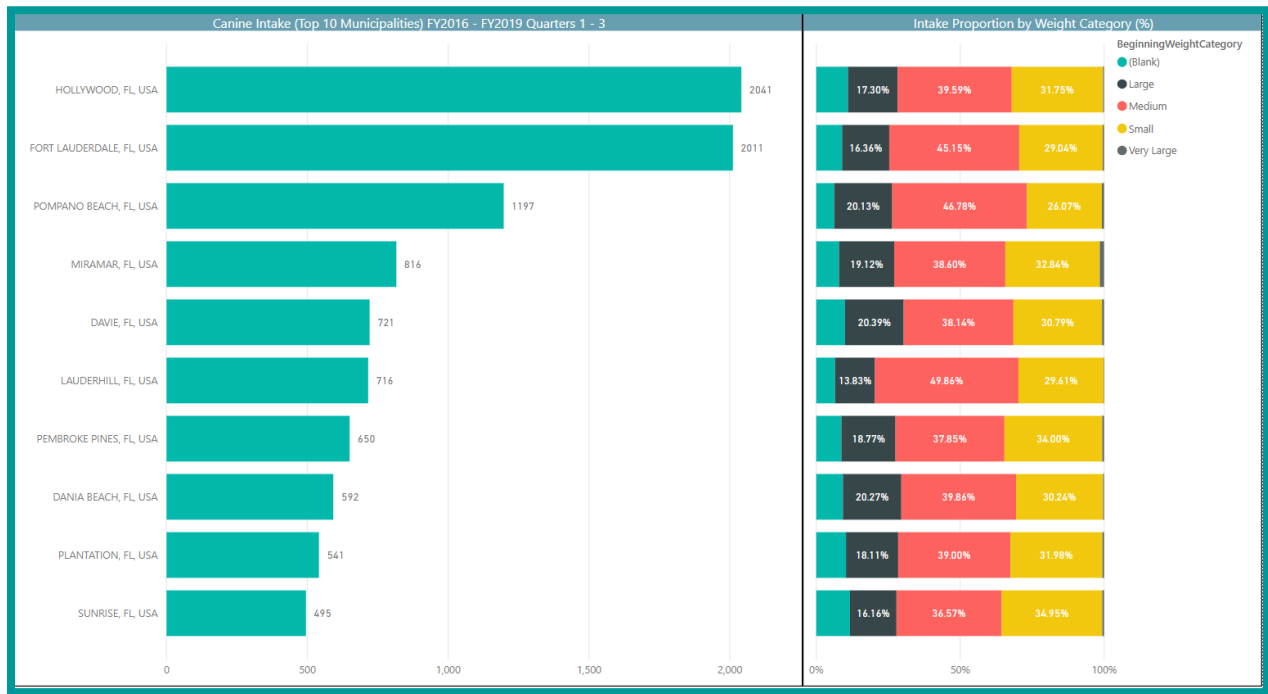
The Stray intake analysis was conducted to answer the following questions:

- Where are the areas in the County with the highest stray animal intake for dogs and cats?

The categorization of Well Above Average, Above Average, Average, and Below average were determined based on computed standard deviations from the average.

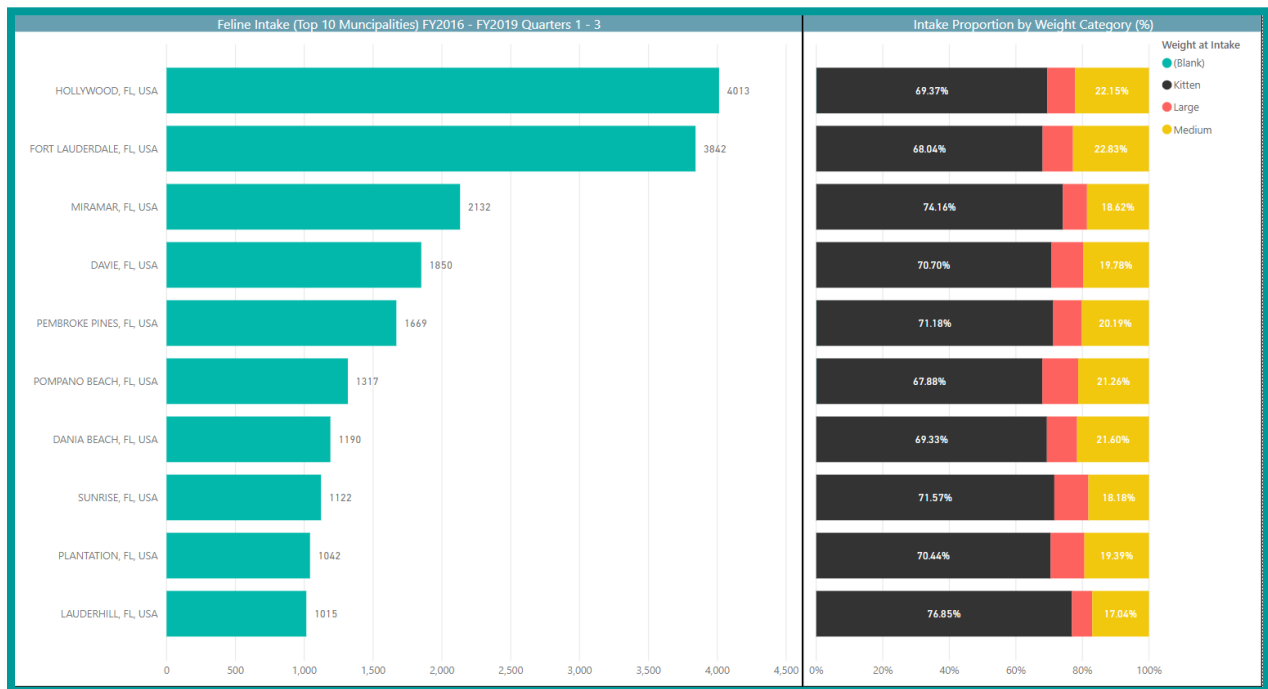
The top 10 municipalities with the highest intakes for dog are Hollywood, Fort Lauderdale, Pompano Beach, Miramar, Davie, Lauderhill, Pembroke Pines, Dania Beach, Plantation, and Sunrise. The percentage of dog intake ranges between 37% to 50% for medium size dogs and 26% to 35% for large size dogs.

Bar Chart – Dog Stray Intake by the Top 10 Municipalities (FY2016 – FY2019 Quarters 1 - 3)



The top 10 municipalities with the highest intake of cats are Hollywood, Fort Lauderdale, Miramar, Davie, Pembroke Pines, Pompano Beach, Dania Beach, Sunrise, Plantation and Lauderhill. The percentage of kitten intake within these municipalities ranges from 68% to 76%.

Bar Chart – Cat Stray Intake by the Top 10 Municipalities (FY2016 – FY2019 Quarters 1 -3)



2.1 Identification areas with well above average stray dog intake

Table – Categorization and thresholds of Well Above Average, Above Average, Average and Below Average are indicated below.

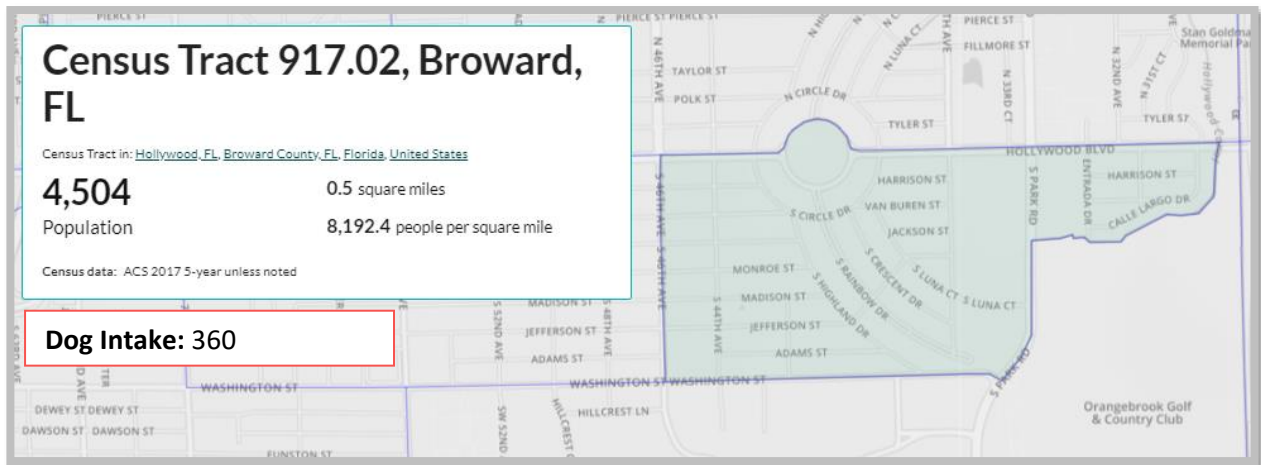
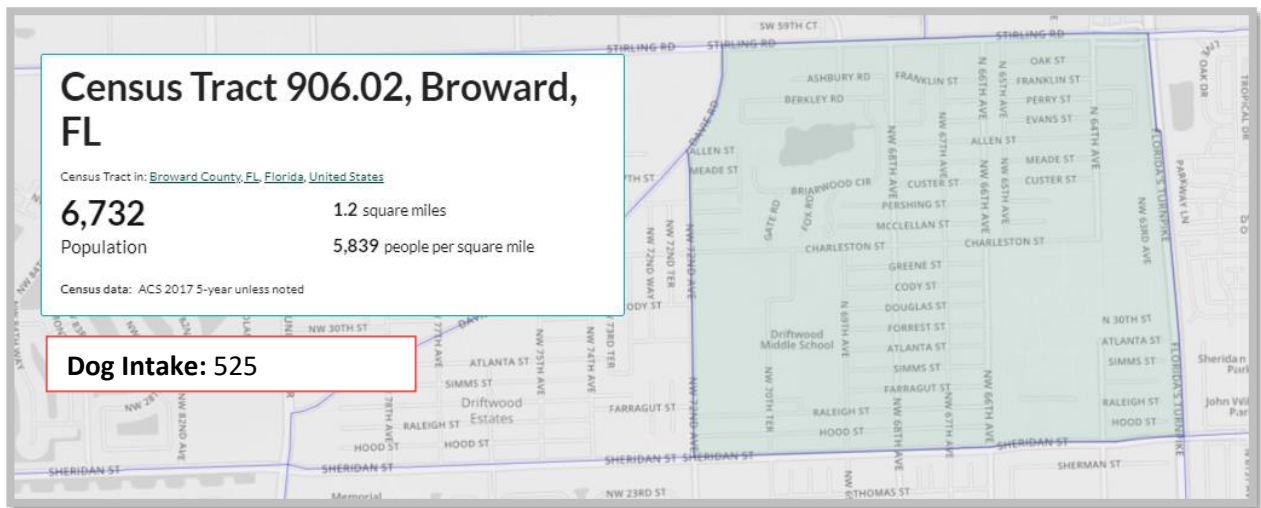
Dog		
Well Above Average	Greater than 2.49 Standard Deviations from the average	165 and up
Above Average	Between 1.5 and 2.49 Standard Deviations from the average	104 to 148
Average	Between 0.5 and 1.49 Standard Deviations from the average	53 to 100
Below Average	Below 0.49 Standard Deviations from the average	0 to 52

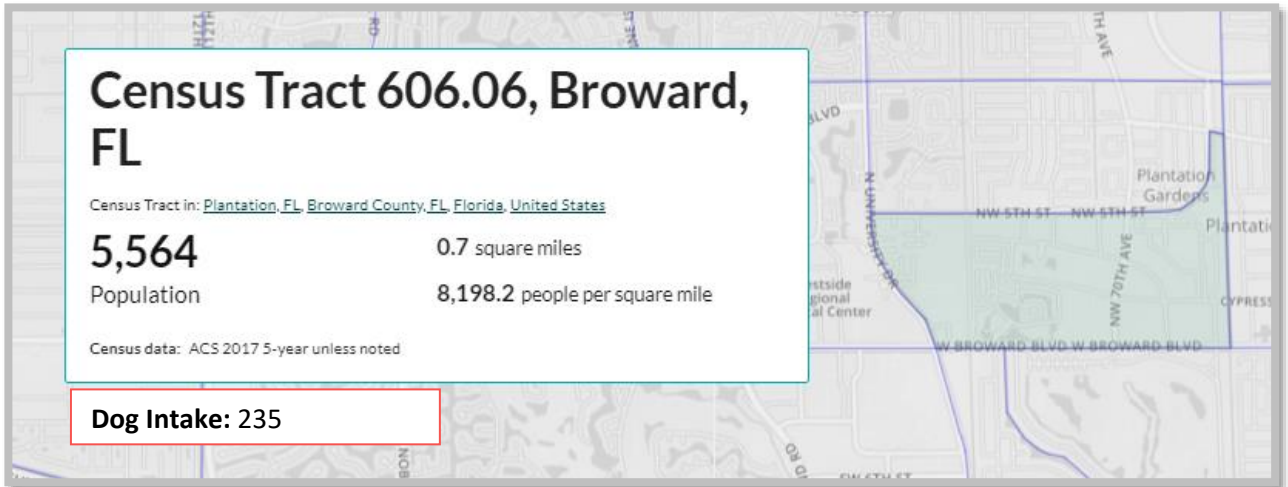
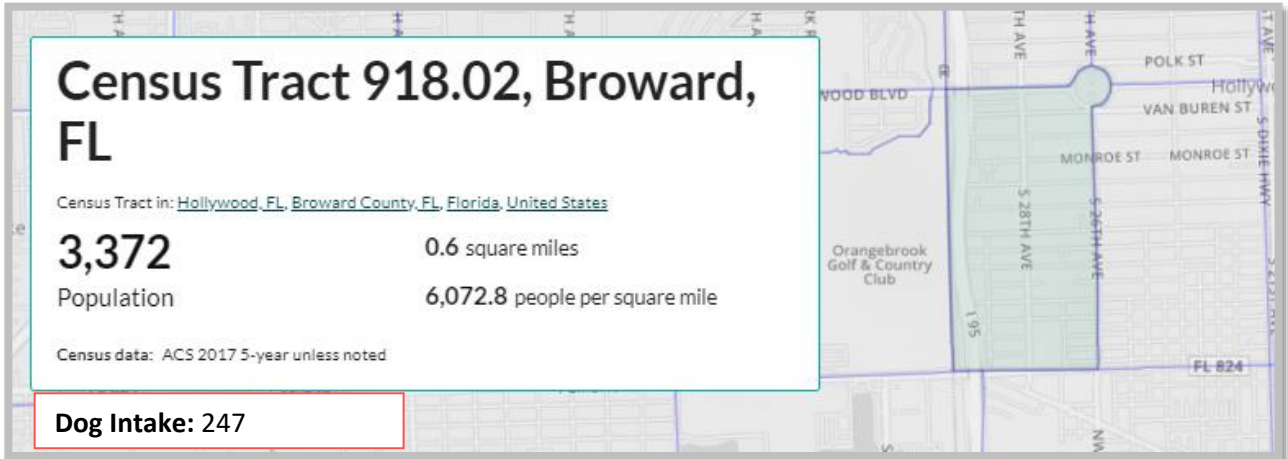
Census Tracts 906.02, 917.02, 802, 918.02, 606.06, 426, 428, 306, 507.02, 702.07, and 413 are identified as well above average are based on the number of standard deviations from the average.

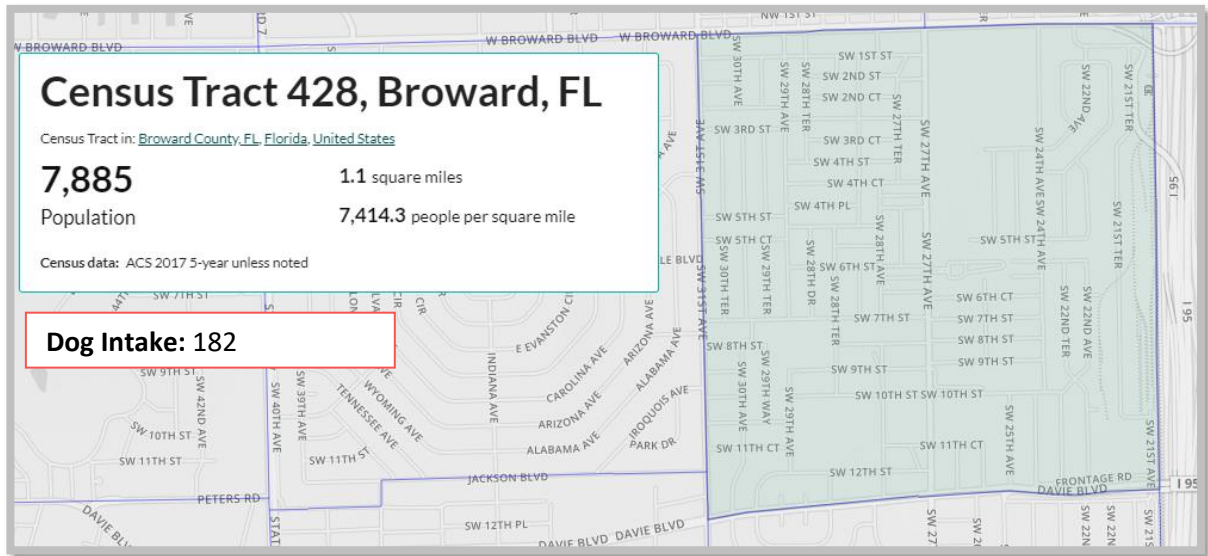
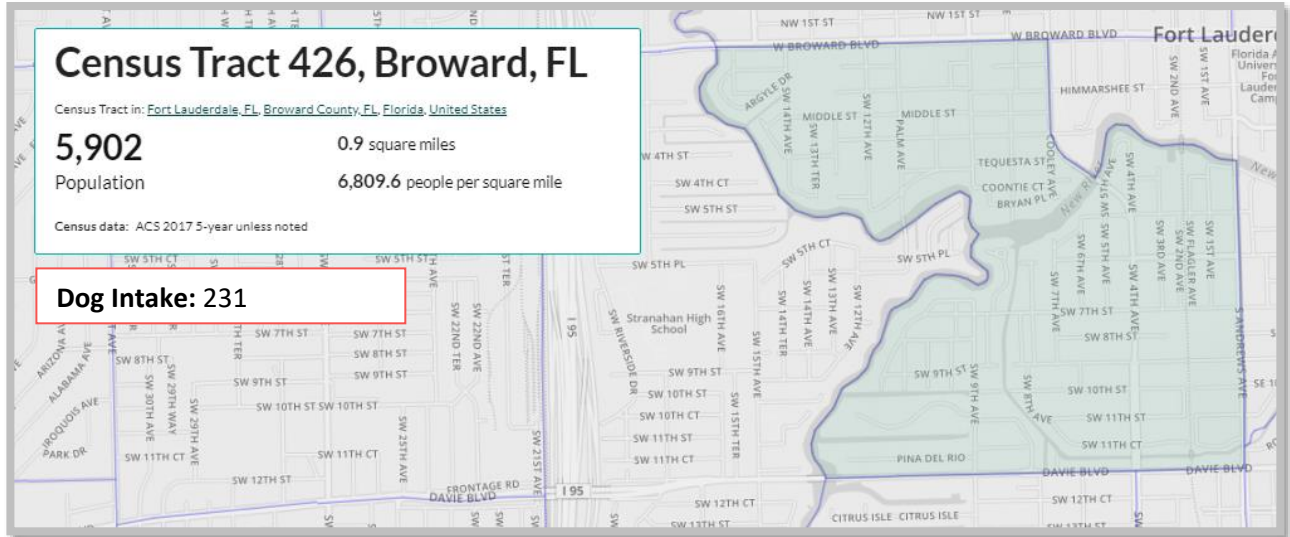
Table – Census Tracts 2010 categorized as “Well Above Average” for Dog Intake by City

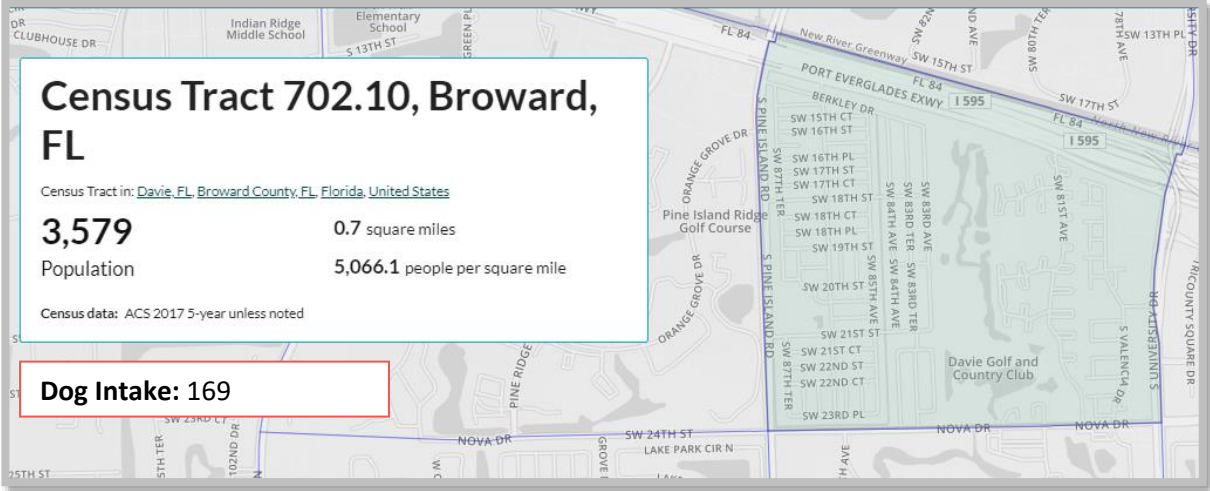
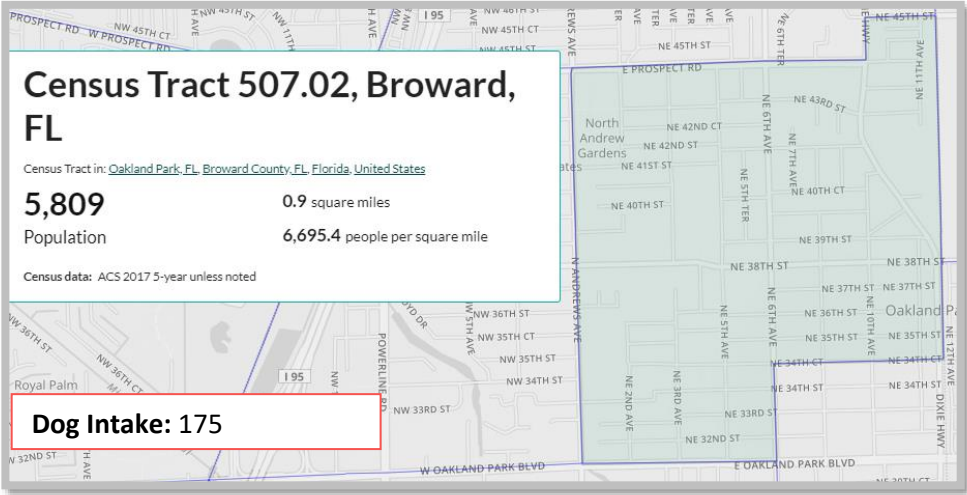
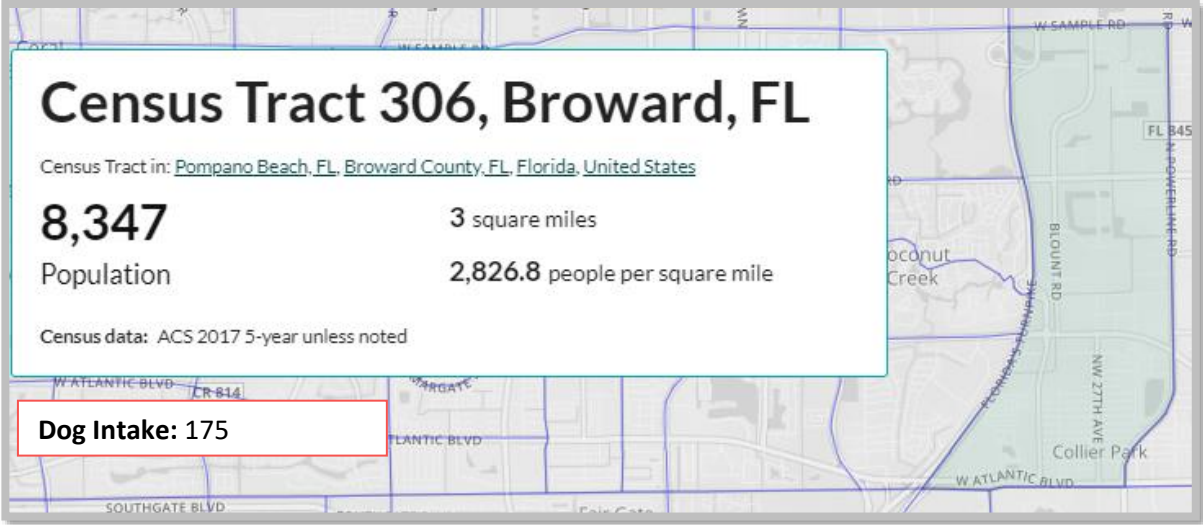
City	Census Tracts
County Regional Facility	802, 306
Dania Beach	802,
Davie	702.07, 906.02
Fort Lauderdale	413, 426, 428, 802
Hollywood	906.02, 917.02, 918.02
Lauderhill	413
Oakland Park	507.02
Pembroke Pines	906.02
Plantation	413,606.06
Pompano Beach	306
Tribal Land	906.02
Unincorporated	306, 413, 702.07, 906.02

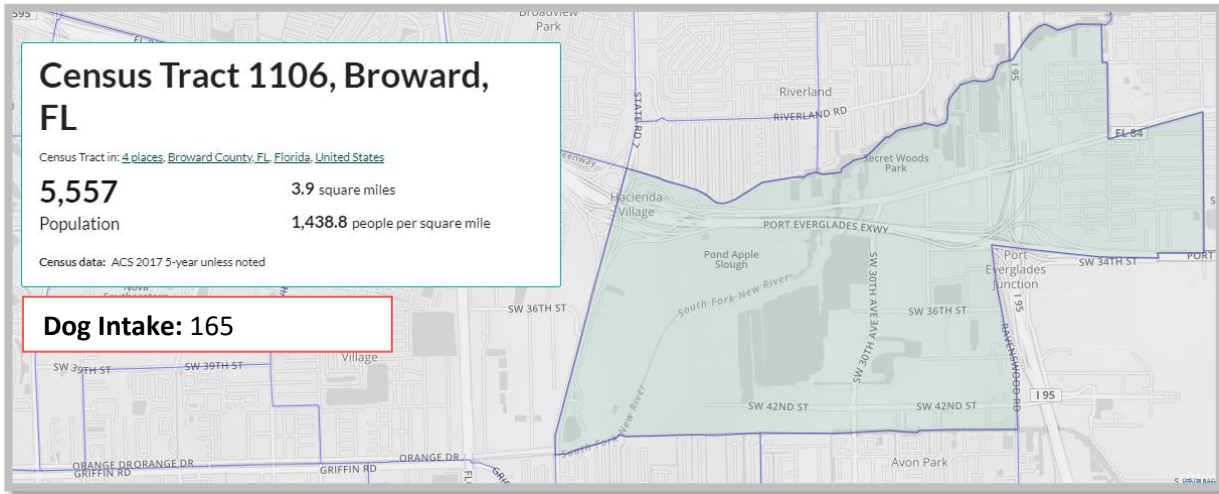
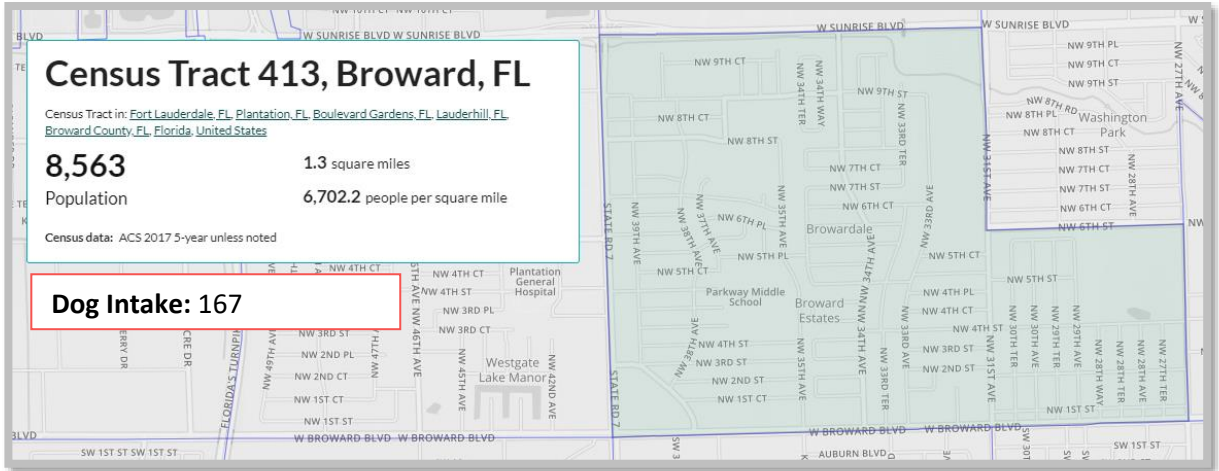
GIS Maps – Census Tracts 2010 categorized as “Well Above Average” for Dog Intake





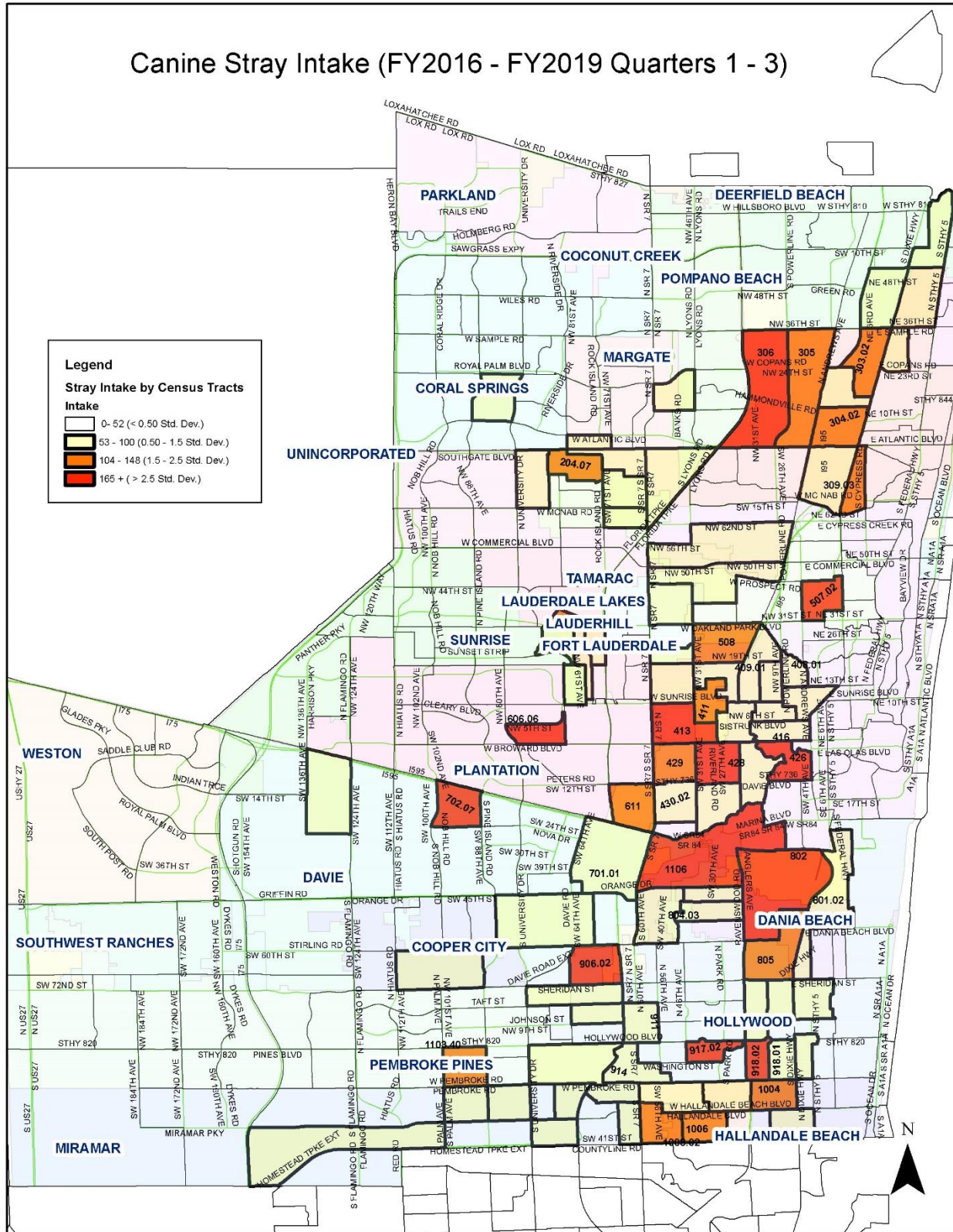




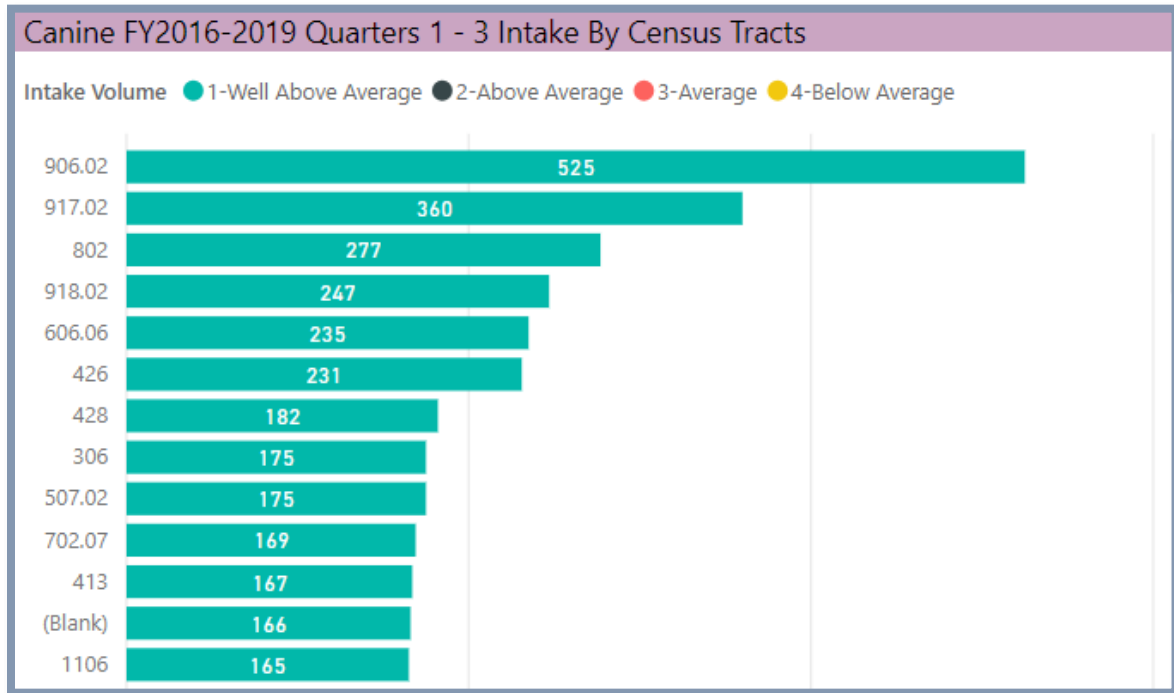


GIS Map – Overview of Stray Cat intake by U.S. Census Tracts 2010

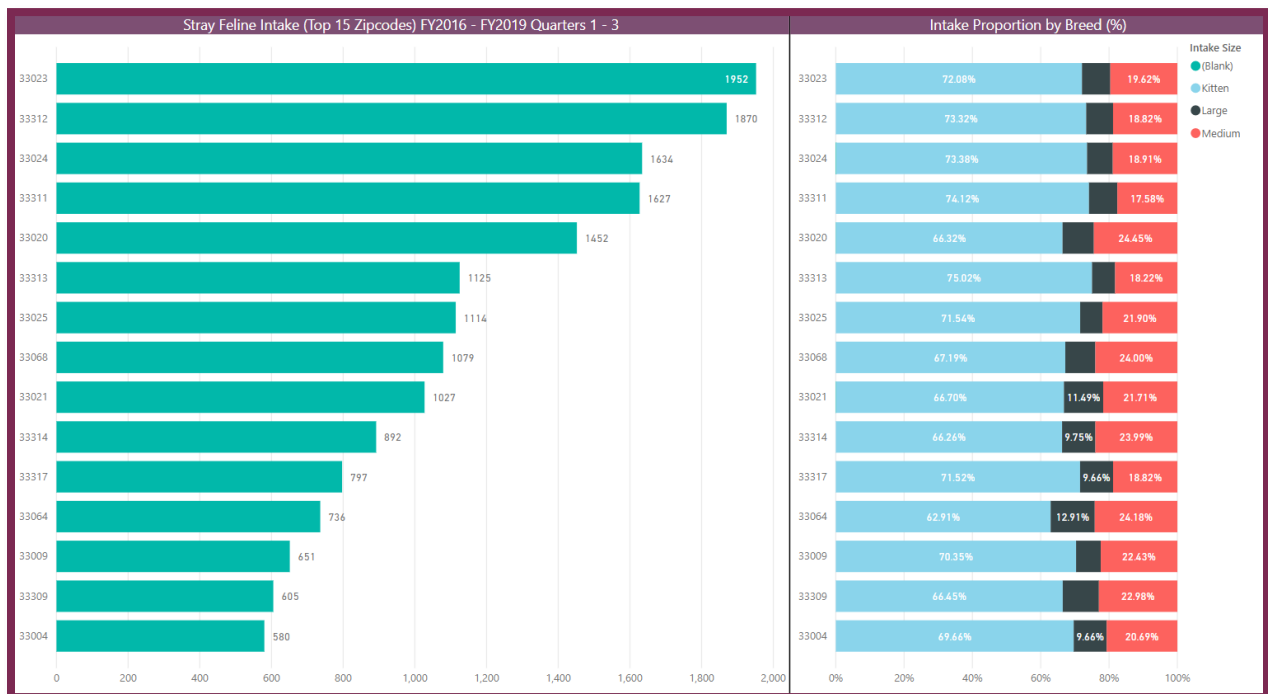
Canine Stray Intake (FY2016 - FY2019 Quarters 1 - 3)



Bar Chart – Census Tracts 2010 categorized as “Well Above Average” for Dog Intake



The Top 15 zip codes for cat intake are 33023, 33312, 33024, 33311, 33020, 33313, 33025, 33068, 33021, 33314, 33317, 33064, 33309, 33009, and 33004.



2.2 Identification areas with Well Above Average stray cat intake

Table – Categorization and thresholds of Well Above Average, Above Average, Average and Below Average are indicated below.

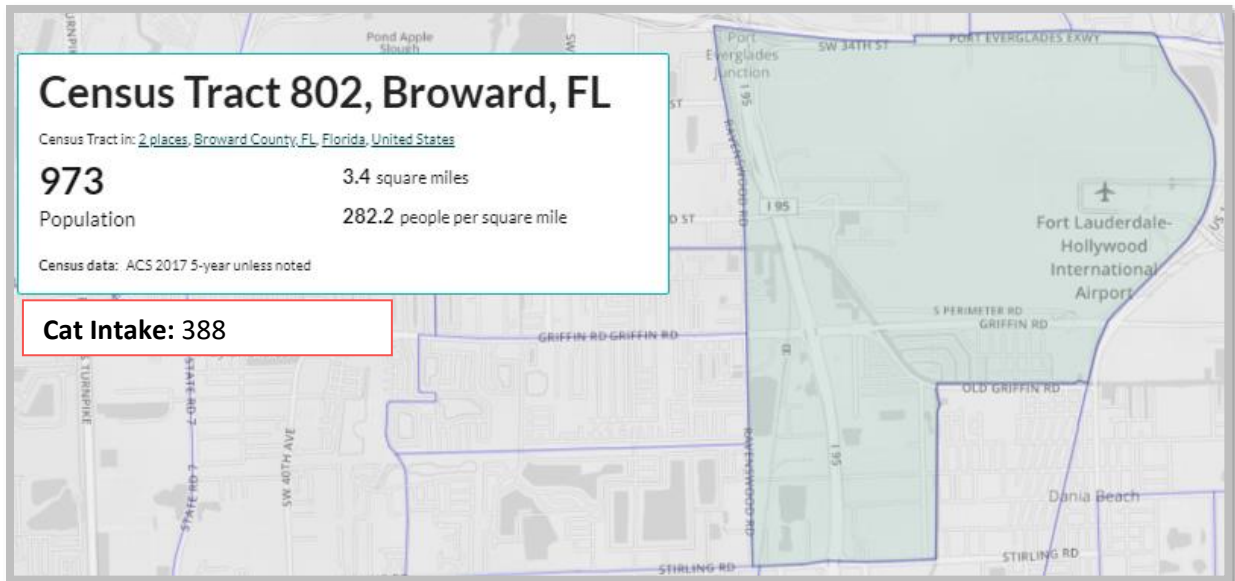
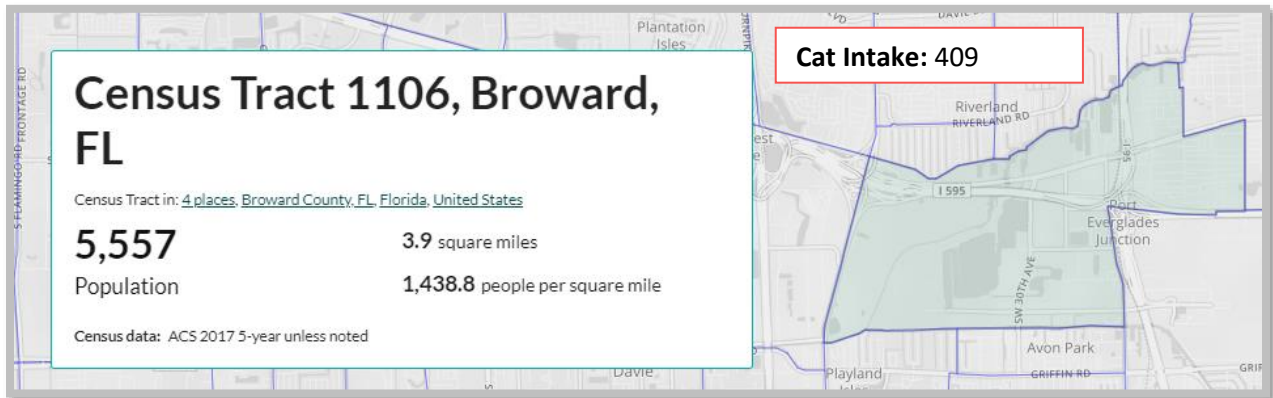
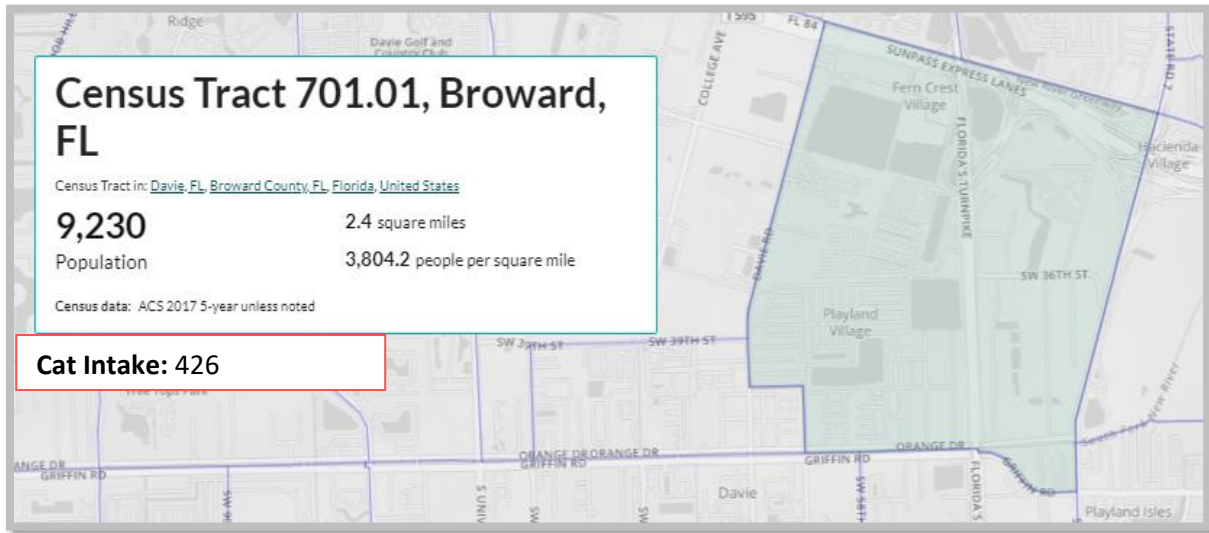
Cat		Stray Intake
Well Above Average	Greater than 2.49 Standard Deviations from the average	236 and up
Above Average	Between 1.5 and 2.49 Standard Deviations from the average	154 to 235
Average	Between 0.5 and 1.49 Standard Deviations from the average	85 to 151
Below Average	Below 0.49 Standard Deviations from the average	0 to 84

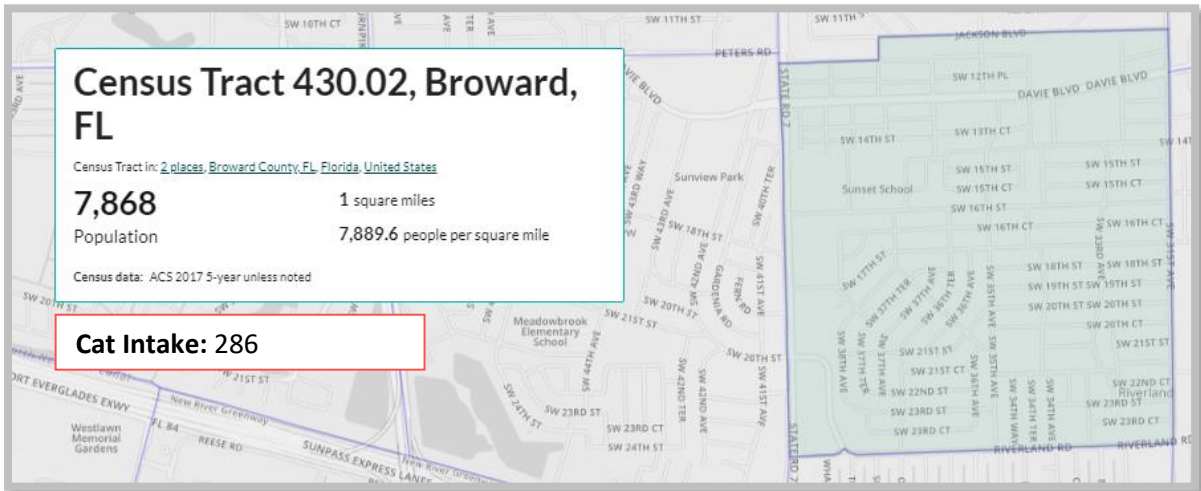
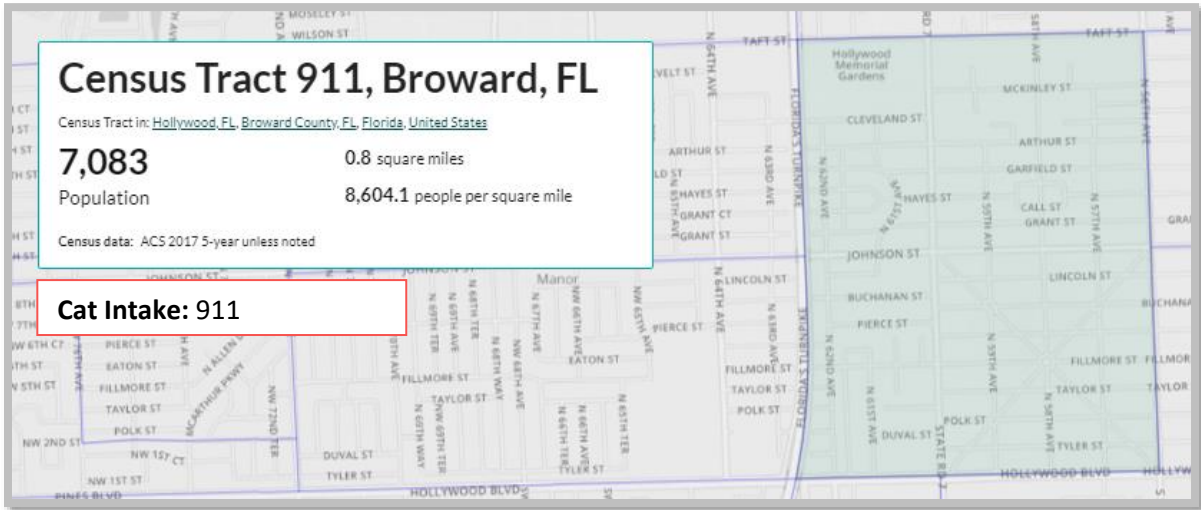
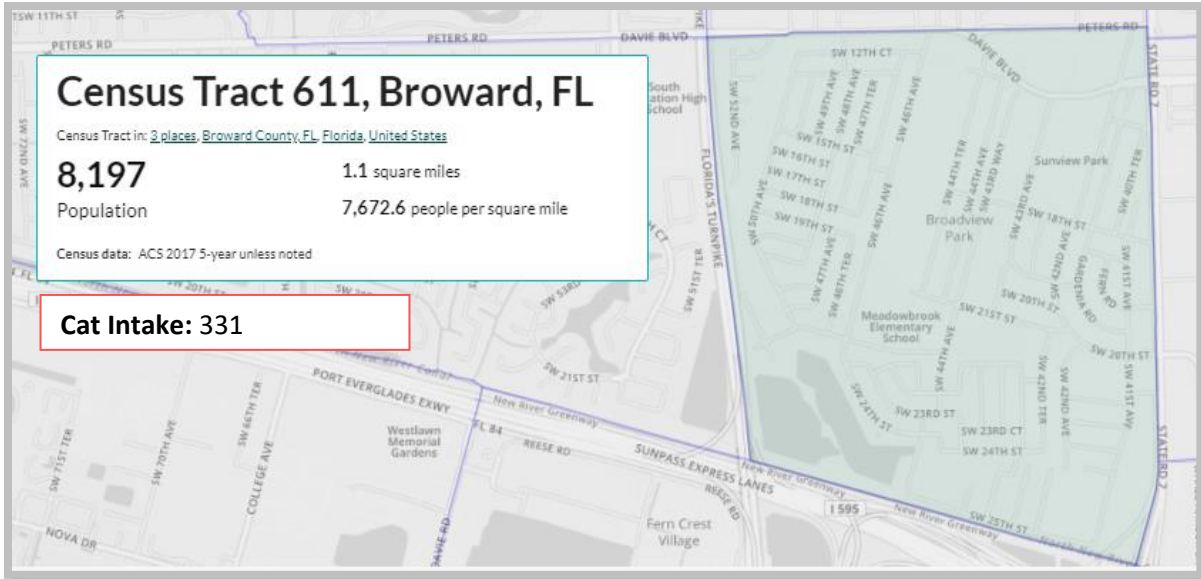
Census Tracts 701.01, 1106, 802, 611, 911, 430.02, 1006, 914, 428, 903.02, 918.02, 805, 703.05, 204.05, and 804.03, are identified as well above average are based on the number of standard deviations from the average.

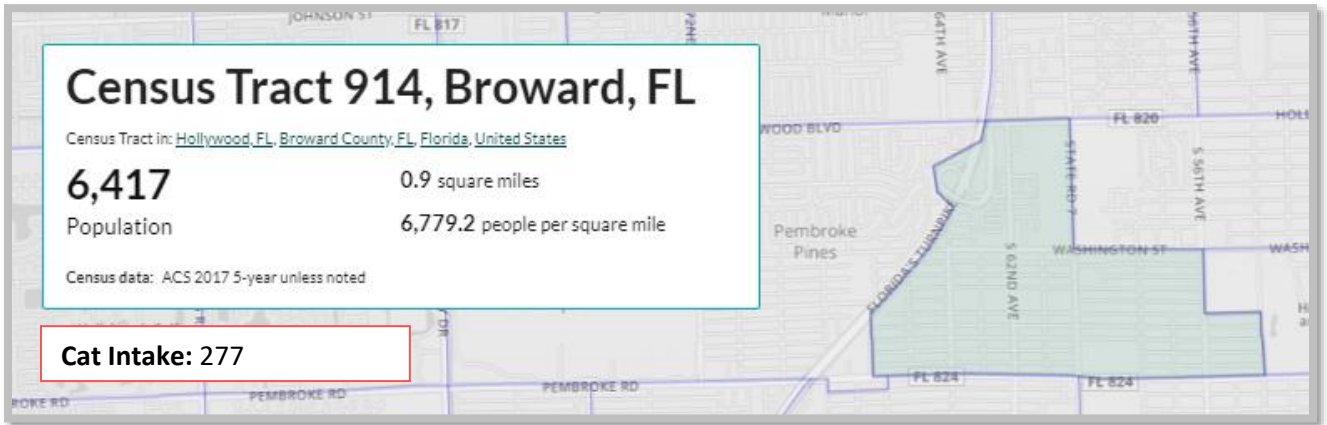
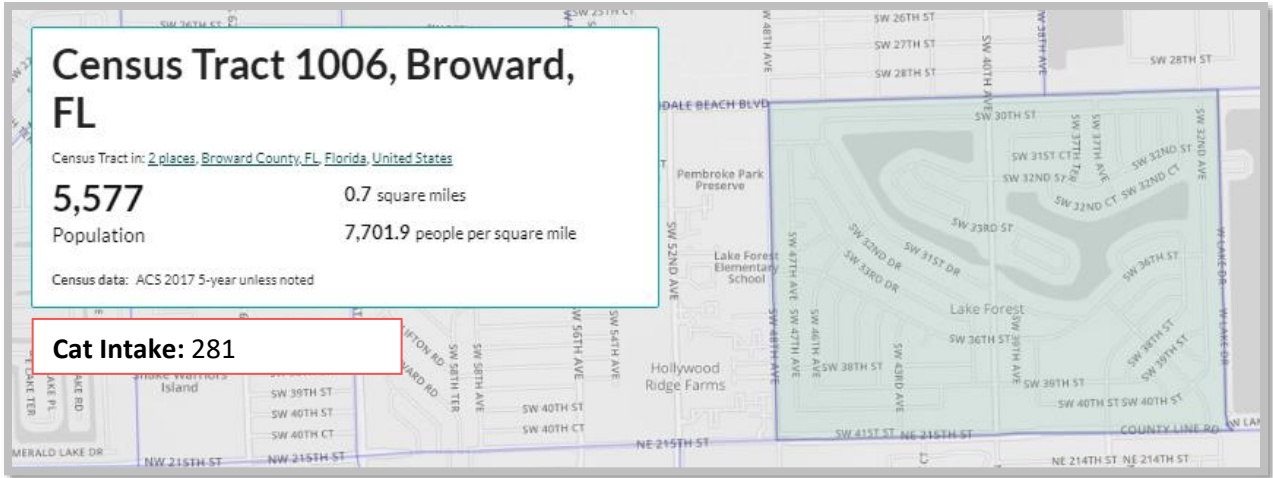
Table – Census Tracts 2010 categorized as Well Above Average for Stray Cat Intake by City

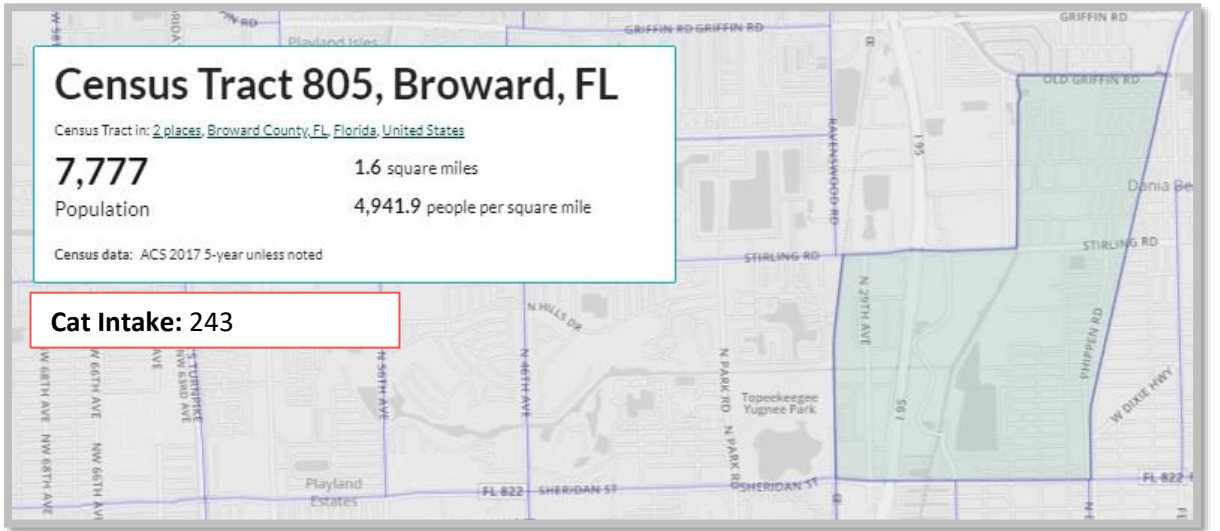
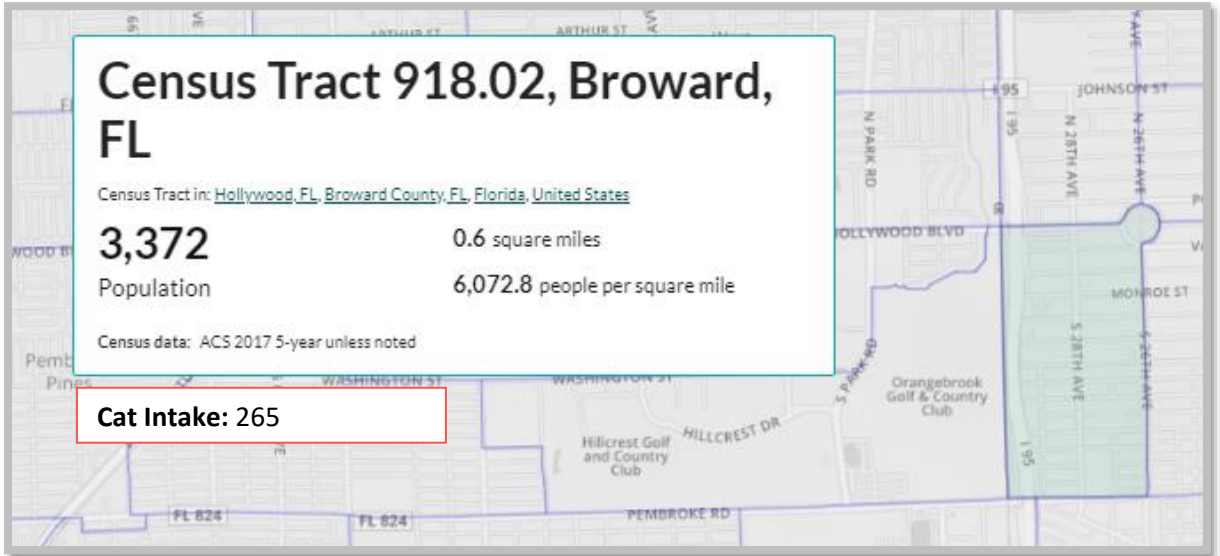
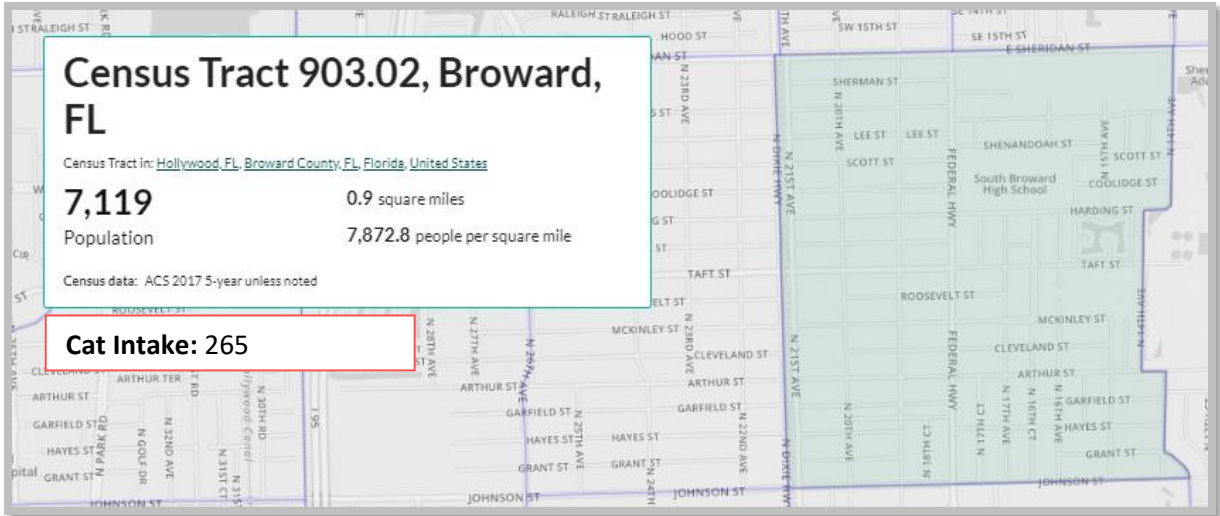
Municipality	Census Tracts
County Regional Facility	1106, 802
Dania Beach	1106, 802, 804.03, 805, 903.02
Davie	1106, 430.02, 611, 701.01, 703.05, 804.03
Fort Lauderdale	1106, 428, 430.02, 802
Hollywood	1106, 804.03, 805, 903.02, 911, 914, 918.02
North Lauderdale	204.05
Pembroke Park	1006
Pembroke Pines	914
Plantation	430.02, 611
Tamarac	204.05
Tribal Land	804.03
Unincorporated	430.02, 611, 701.01, 703.05
West Park	106, 914

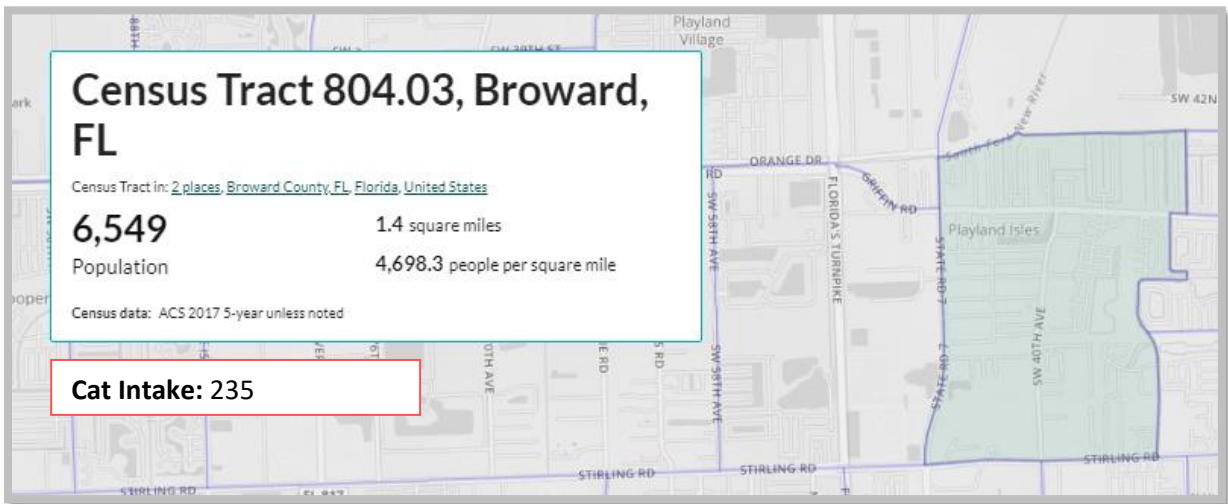
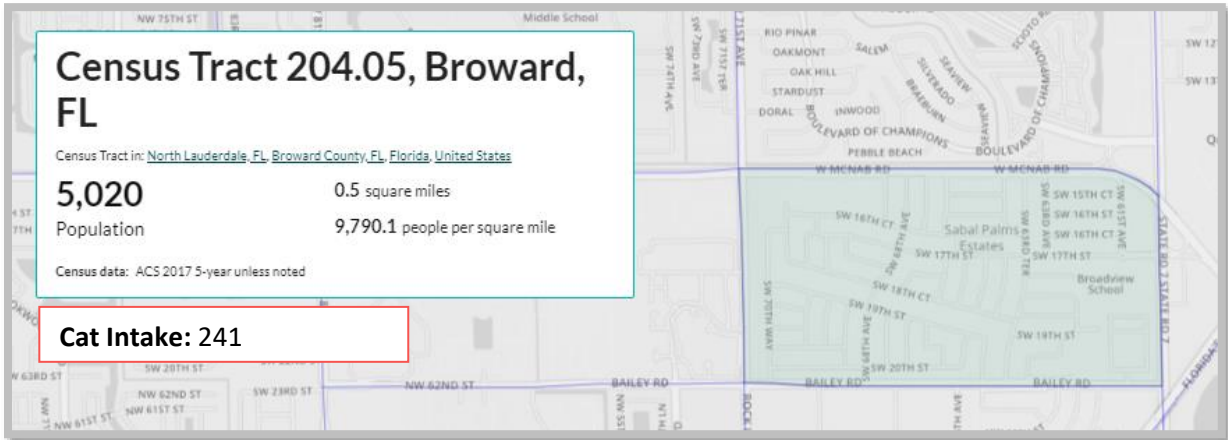
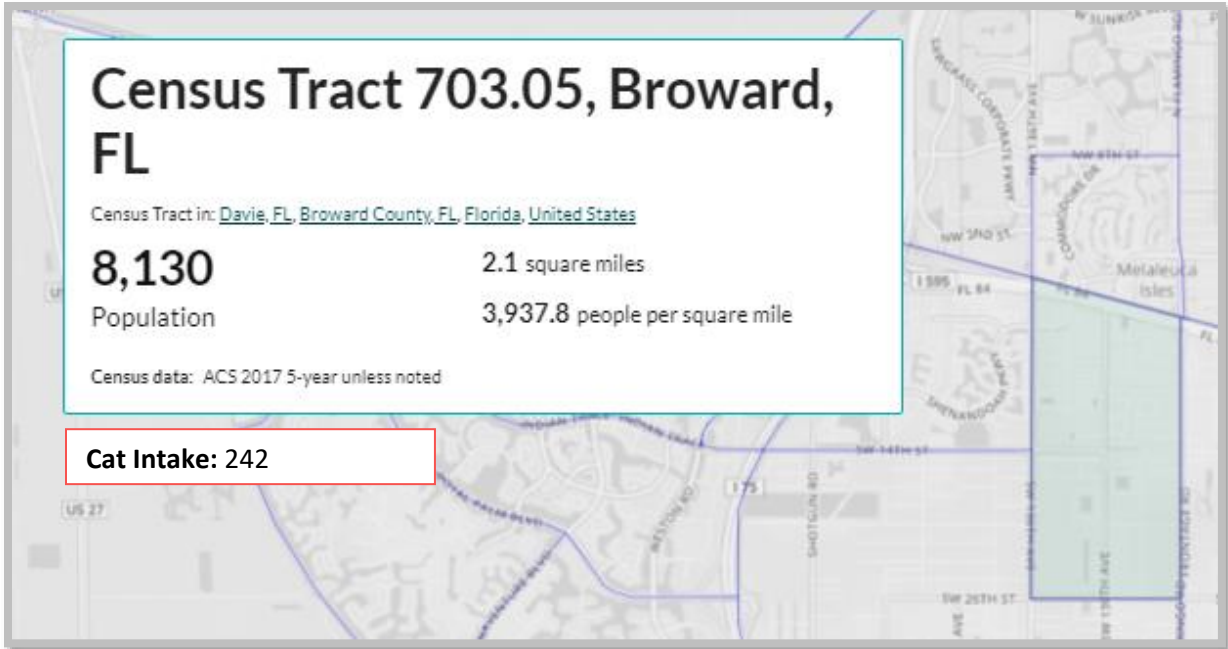
GIS Maps – Census Tracts 2010 categorized as Well Above Average for Cat Intake



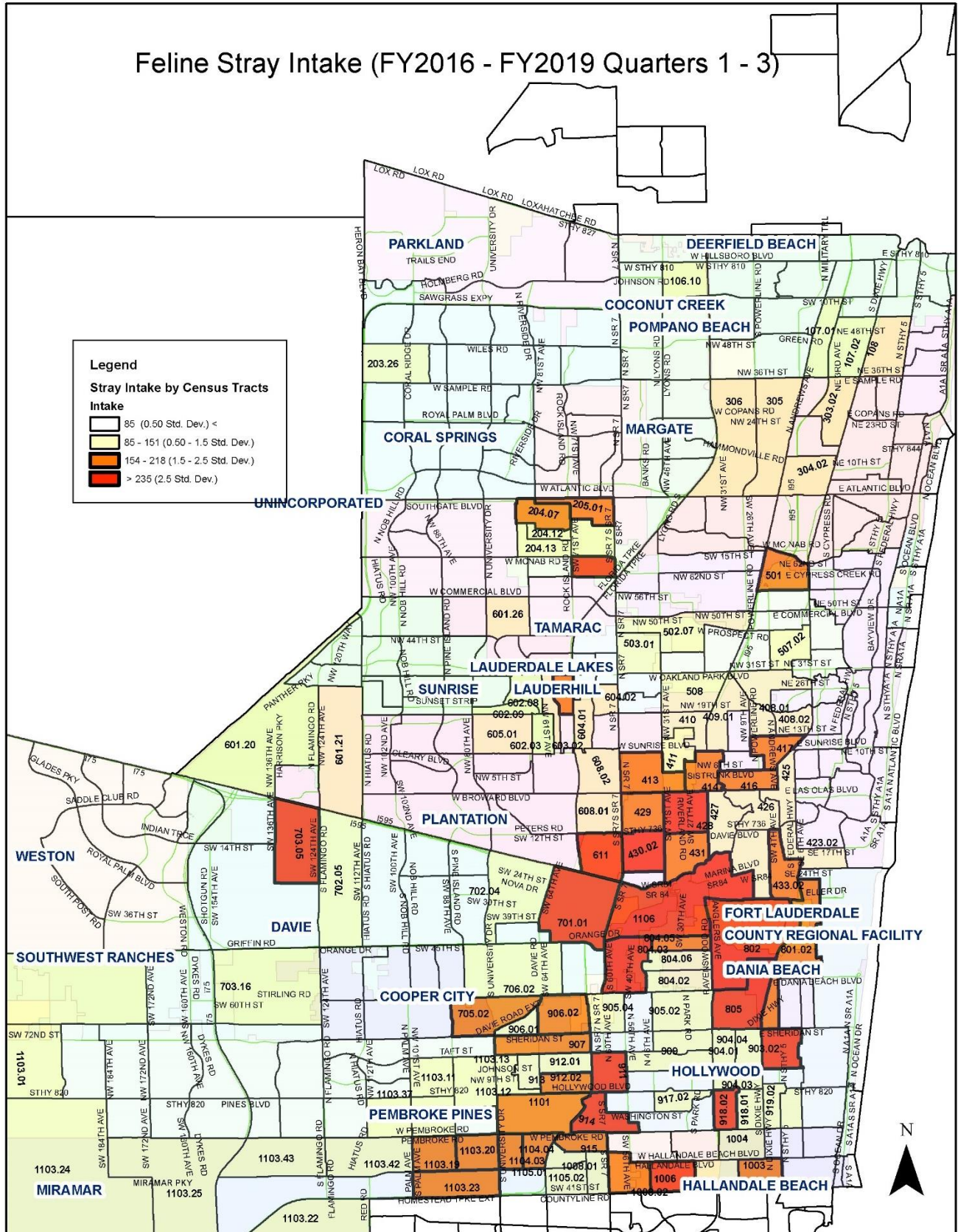




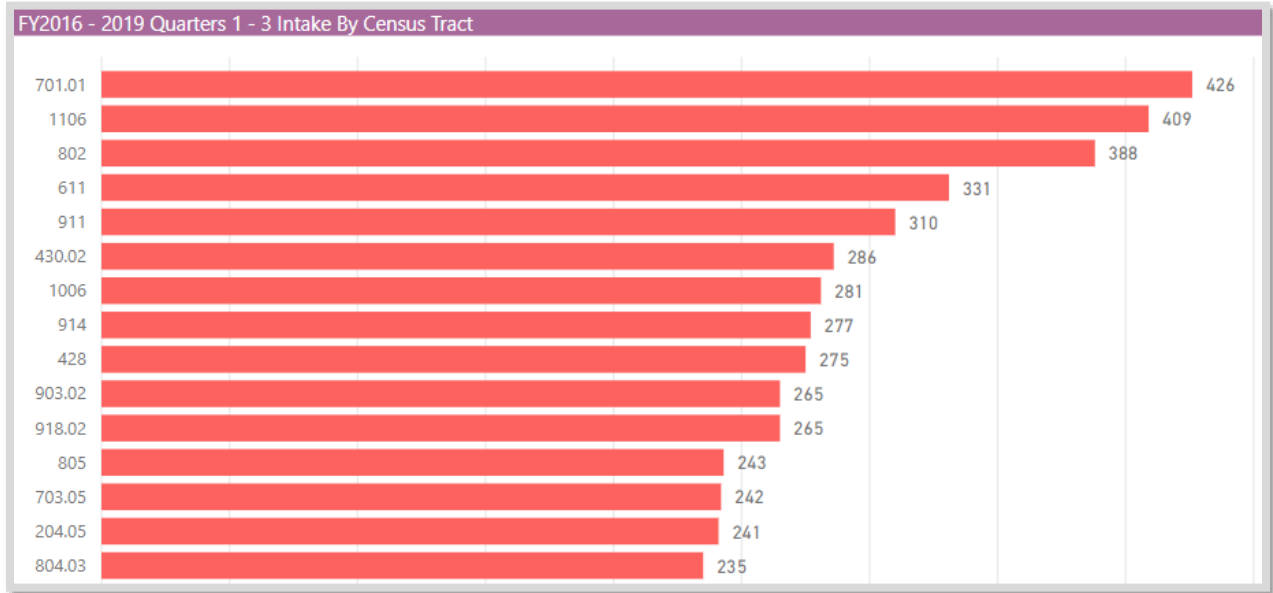




Feline Stray Intake (FY2016 - FY2019 Quarters 1 - 3)



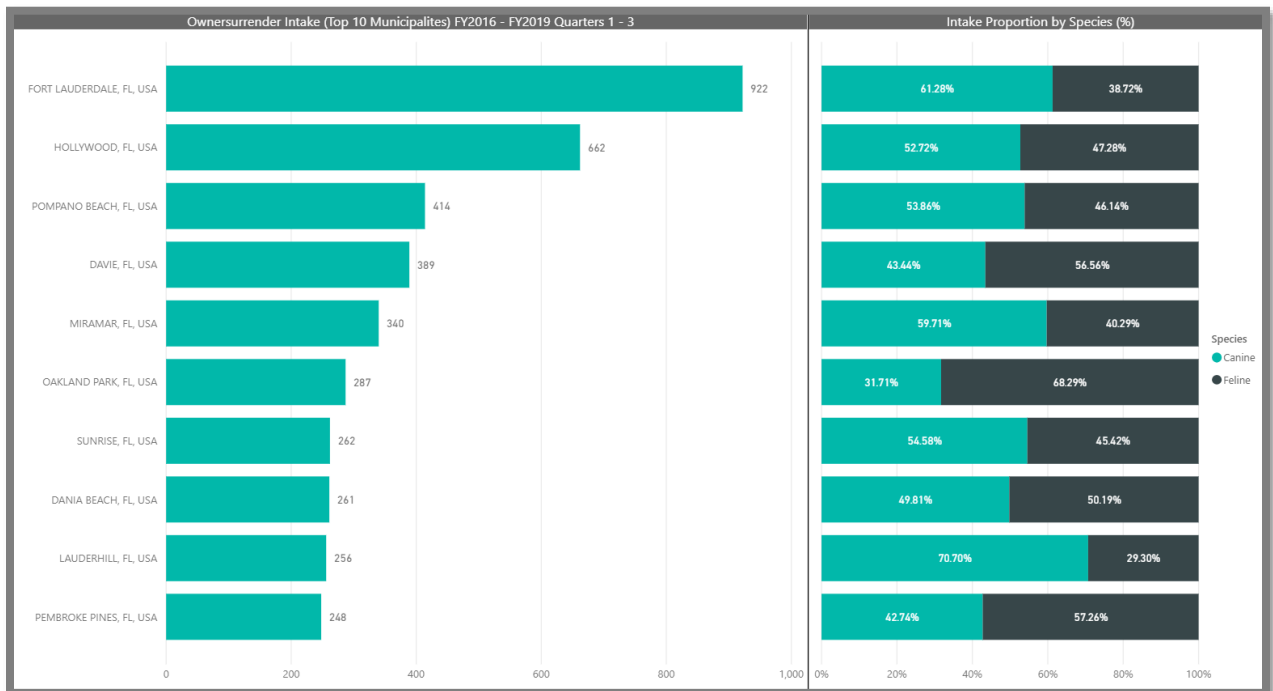
Bar Chart – Census Tracts categorized as Well Above Average for Cat Intake



3. OWNER SURRENDER INTAKE

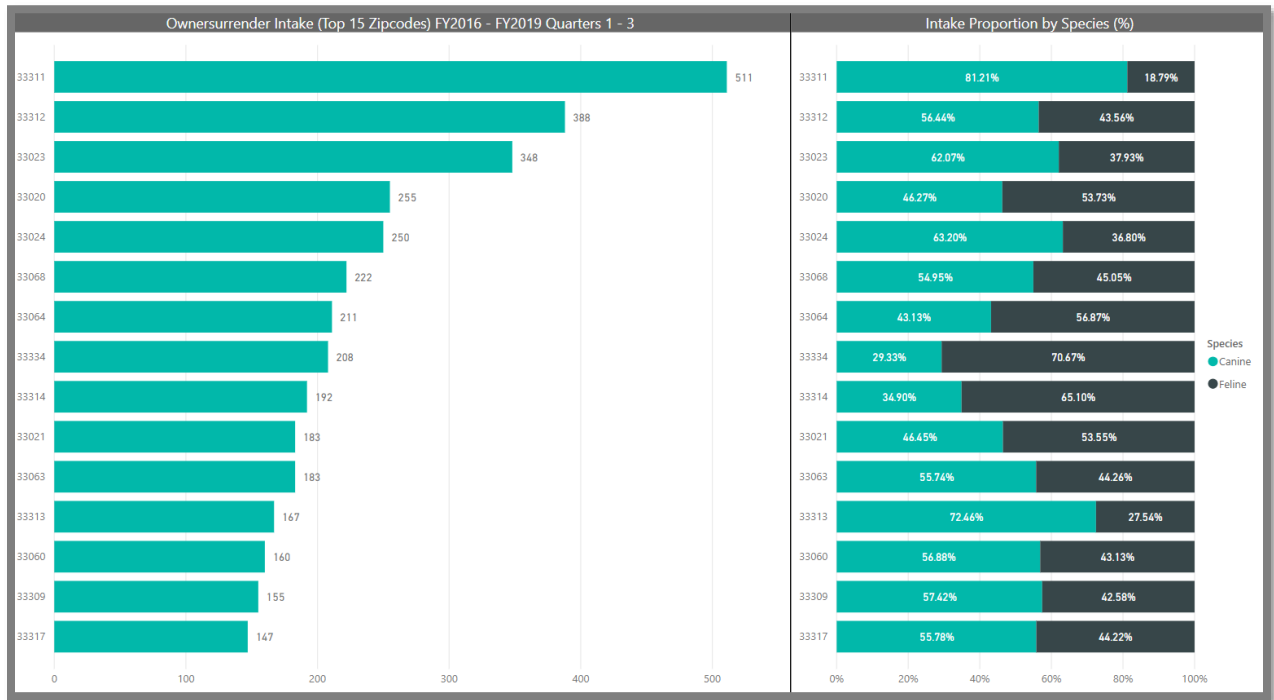
The Top 5 municipalities with high intake from owner’s relinquishing their pets are Fort Lauderdale, Hollywood, Pompano Beach, Davie, and Miramar.

Chart – Top 10 Municipalities with high intake from owners relinquishing their animals.



The top 5 zip codes with the highest intake from owners relinquishing their animals are 33311, 33312, 33023, 33020 and 33024.

Chart – Top 15 Zip codes with high intake from owners relinquishing their animals.

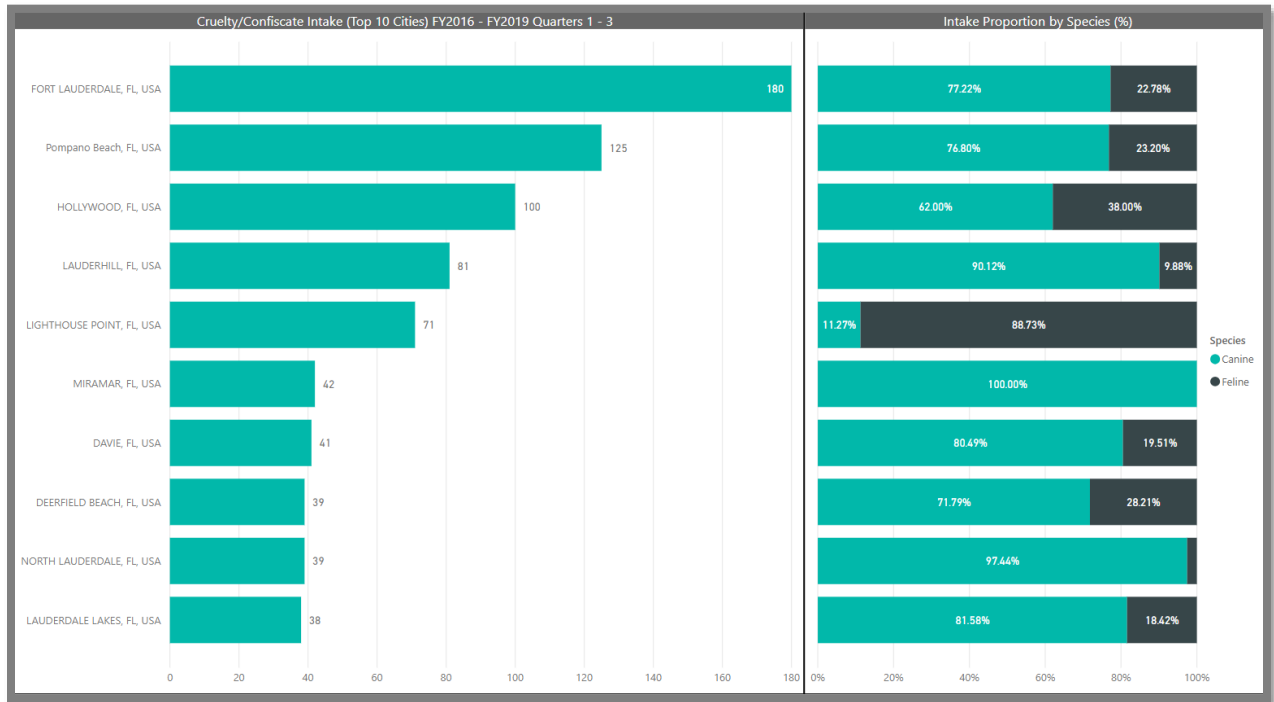


4. CRUELTY/CONFISCATION INTAKE

4.1 Identification areas with the highest intake due to pet cruelty and confiscation

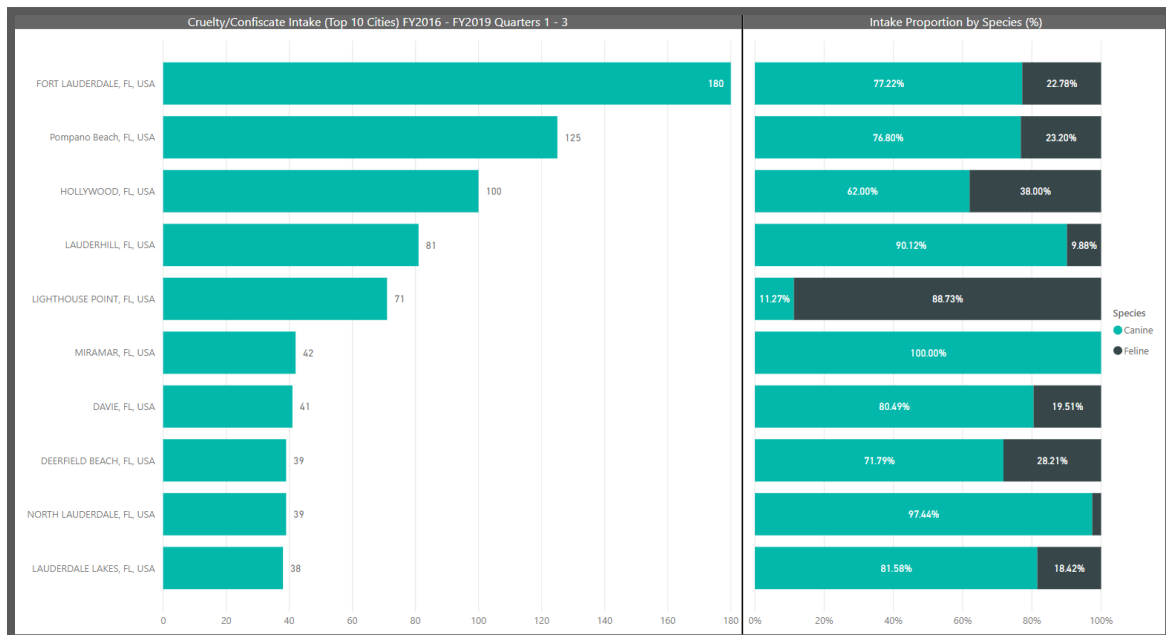
The top 5 municipalities with the highest intake of pet cruelty and confiscation are Fort Lauderdale, Pompano Beach, Hollywood, Lauderhill, and Lighthouse Point. Dogs account for approximately 77% to 90% of the intake within the top 5 municipalities, except for Lighthouse Point. Cats account for 89% of animals confiscated in Lighthouse Point.

Bar Chart – Cruelty/Confiscation Intake by Municipality FY2016 – FY2019 Quarters 1 - 3



The top 10 zip codes with the highest intake for cruelty and confiscation are 33311, 33064, 33309, 33060, 33313, 33312, 33024, 33069, and 33068.

Bar Chart – Cruelty/Confiscation Intake by Zip Code FY2016 – FY2019 Quarters 1 - 3



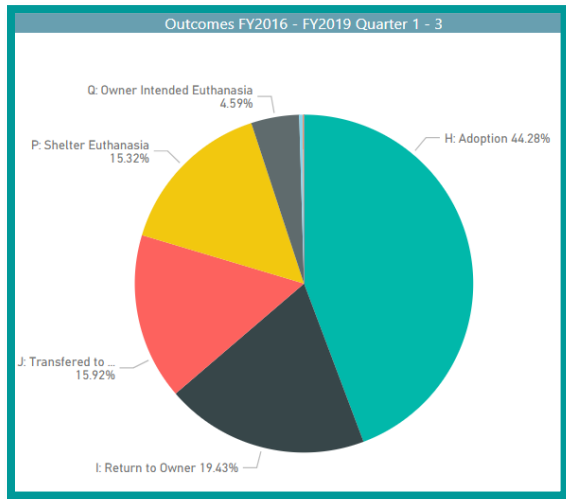
III. OUTCOME ANALYSIS

1. OUTCOME TREND AND BACKGROUND

Dispositions consist of Adoption, Return to Owner, Transferred to Another Agency/Rescue, Return to Field, Died in Care, Lost in Care, Shelter Euthanasia, and Owner Intended Euthanasia.

Adoptions consist of the greatest proportion of total outcome at 44%, followed by Return to Owner at 19%, Transferred out at 16%, Shelter Euthanasia at 15%.

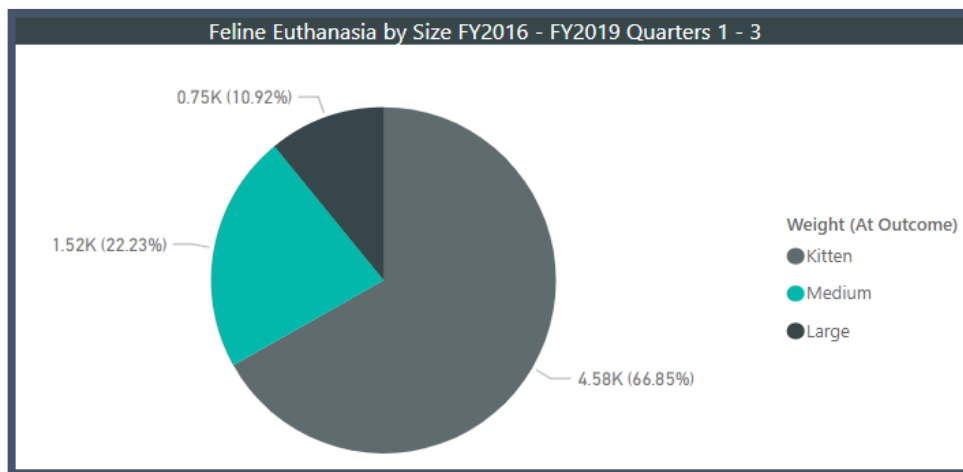
Pie Chart – Outcomes by FY2016 – FY2019 Quarters 1 - 3



Total adoptions in FY2016 were at 4,261 and increased in FY2017 to 4,354. In FY2018, adoptions decreased to 3,981. Total animals euthanized were at 2,082 in FY2016, and decreased to 1,841 in FY2017, and to 1784 for FY2018. Return-to-Field increased to 1183 in FY2017 from 797 in FY2016. In 2018, Return-to-Field increased to 1,149 from FY2017.

1.1 Cat Outcomes by Weight Group

In FY2016 to FY2019 3rd Quarter, large cats accounted for 67% of cat euthanasia, medium size cats accounted for 22% of all euthanasia, and kittens accounted for 11%.



1.2 Dogs Outcomes by Size

1.2.1 Large to Very Large Dogs

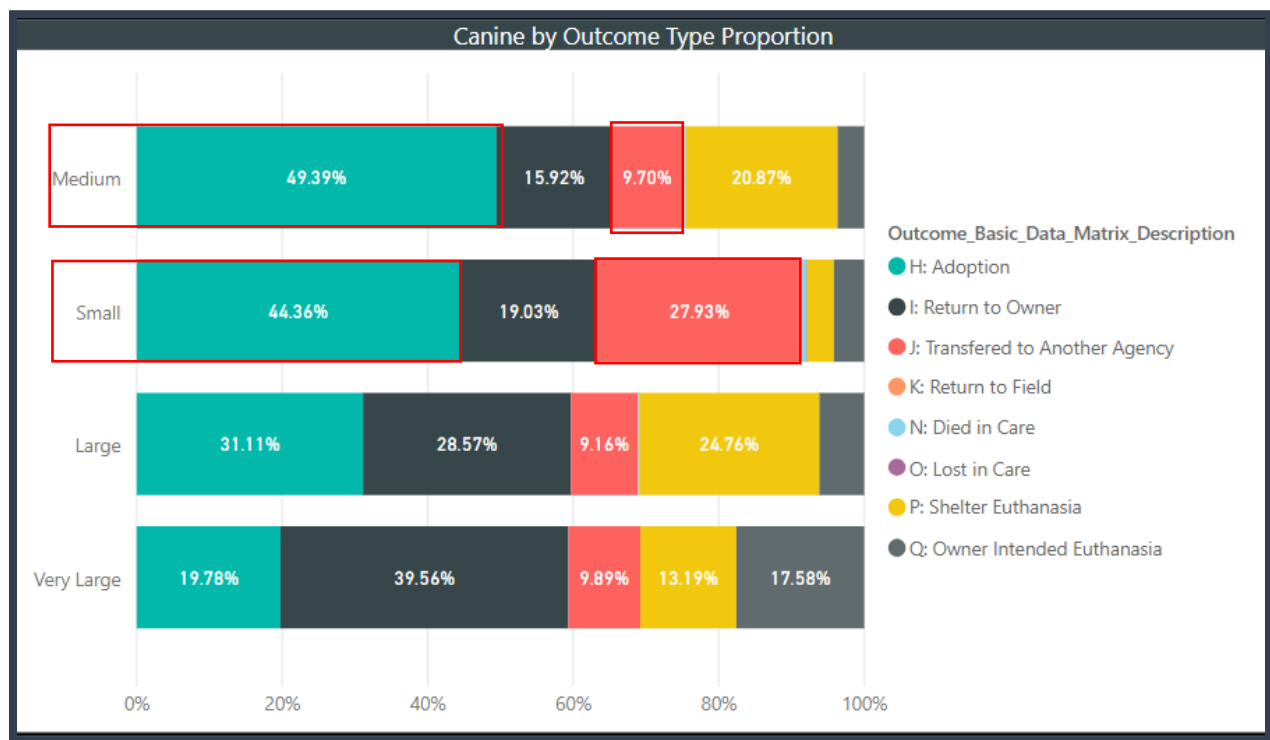
Within the large and very large-sized dog outcome population, adoption and return to owner accounts for roughly 60% to 61% of all outcomes within their respective size categories. Euthanasia, including shelter and owner requested euthanasia, accounted for approximately 30% to 31% for large and very large-sized dogs. However, outcomes based on the owner's request for euthanasia are higher within the very large-sized outcome population by 11.4%.

Very large dogs have the highest rate of Return-to-Owner compared to any other size category.

1.2.2 Small to Medium Size Dogs

The percentage of dogs adopted within the small-sized dog outcome population are lower than adoptions from the medium-sized dog outcome population. Adoptions account for 44% of all small-sized dog outcomes and 49% of all medium-sized dog outcomes.

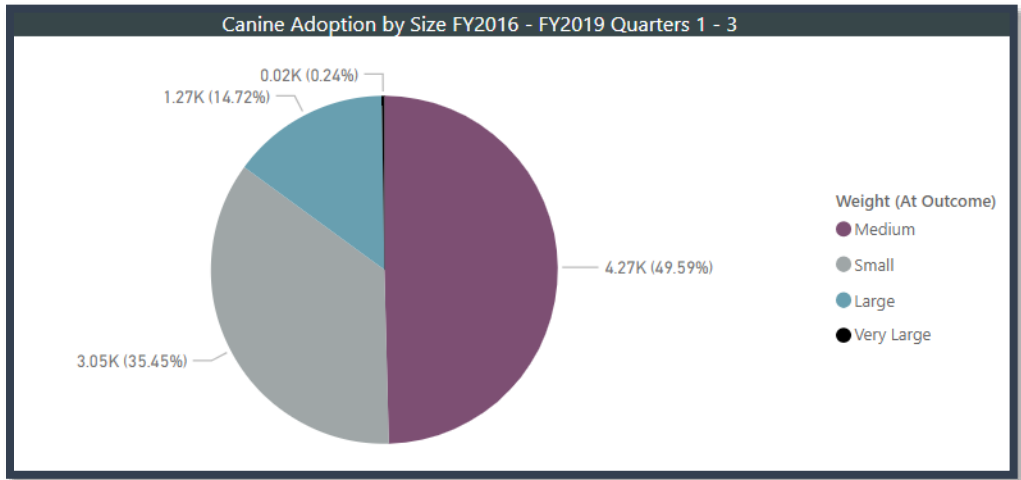
Pie Chart – Dog Outcomes by Proportion



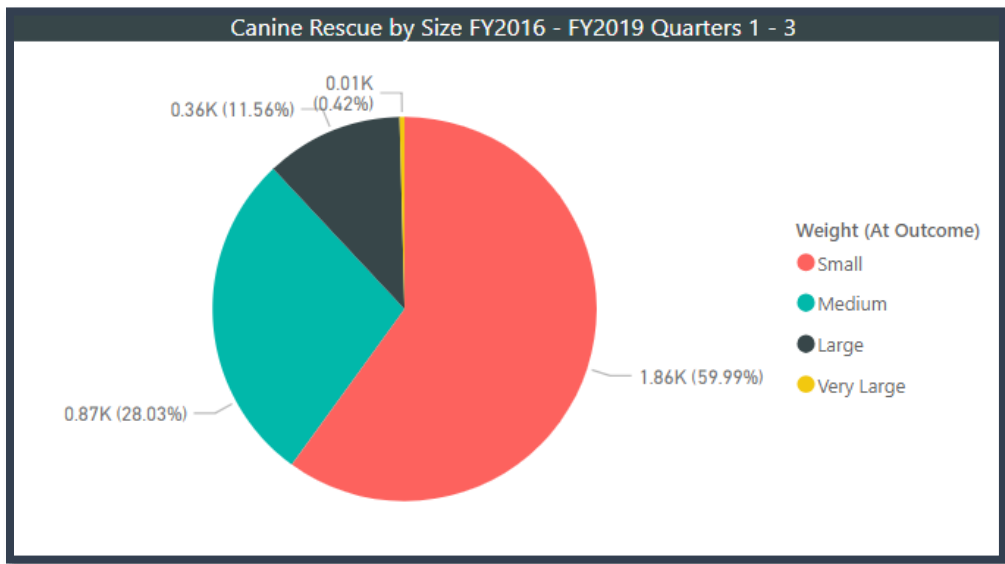
1.2.3 Adoption and Rescue

Small dogs account for 35% of all dogs adopted and 60% of all dogs rescued. Medium dogs account for 50% of all dogs adopted and 28% of all dogs rescued. Large to very large dogs account for 15% of all dogs adopted and 12% of all dogs rescued.

Pie Chart – Dog Adoptions by Size FY2016 – FY2019 Quarters 1 - 3



Pie Chart – Rescue by Size FY2016 – FY2019 Quarters 1 - 3



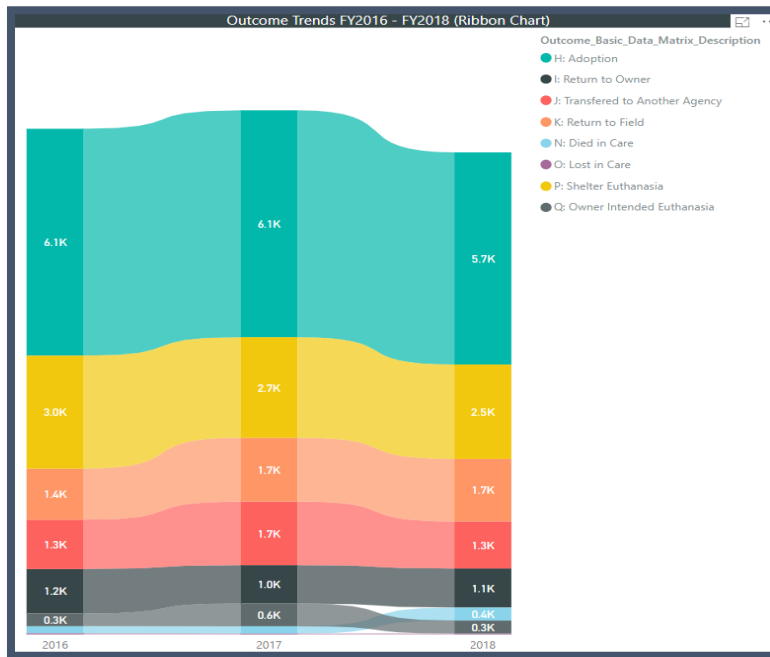
2. LIVE OUTCOMES AND EUTHANASIA

2.1 Adoption, Rescue, Return-to-Owner, and Return to Field Trends

Total animals adopted have decreased 7% in FY2018 over FY2017. Adoptions rates are up 18% for FY2019 QTD (4,564) over FY2018 QTD (3,852). Total dog adoptions are up 13% in FY2019 QTD (1,640) over FY2018 QTD (1,451). Total cat adoptions are up 21% in FY2019 QTD over FY2018 QTD.

Total animals rescued have decreased 26% in FY2018 (1,267) over FY2017 (1,713) and are down 3% for FY2019 QTD (996) over FY2018 QTD (1,030). Total dogs rescued are down 17% in FY2019 QTD (487) over FY2018 QTD (581). Total cats rescued are up 13% in FY2019 QTD (509) over FY2018 QTD (449).

Total animals returned to the field are down 2% in FY2018 over FY2017 and are up 33% for FY2019 QTD (1,680) over FY2018 QTD (1,260).



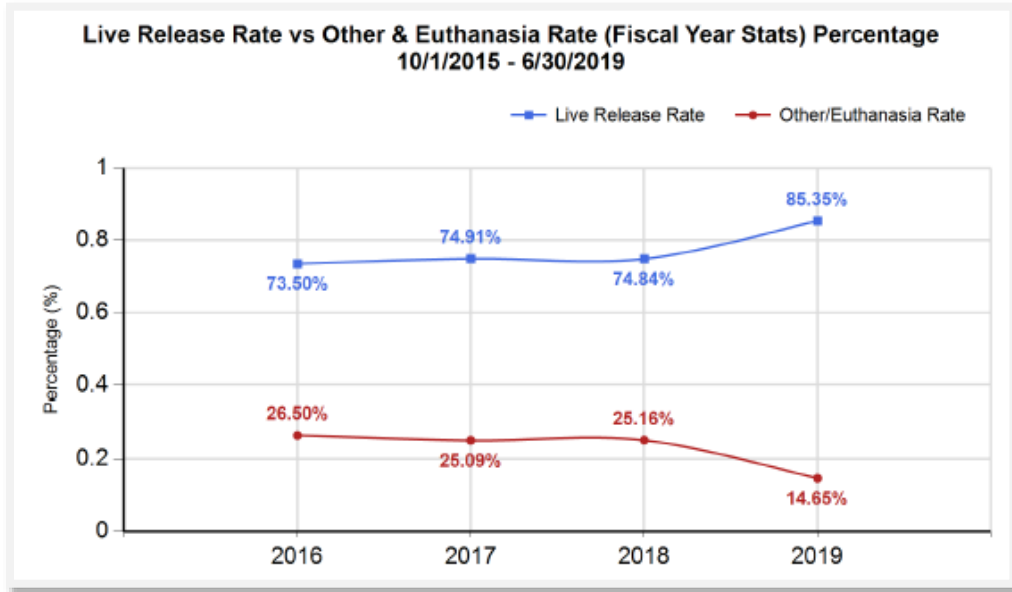
FY2018 Quarter QTD (Quarters 1 – 3) vs FY2019 Quarter QTD (Quarters 1-3)

Outcome Statistics Pivoted by Species (10/1/2017 - 6/30/2018)				Fiscal Year Stats		Outcome Statistics Pivoted by Species (10/1/2018 - 6/30/2019)				Fiscal Year Stats							
Species	Name	Total	2018	Species	Name	Total	2019	Species	Name	Total	2019						
Canine	H	Adoption	1,451	1,451	Canine	H	Adoption	1,640	1,640	Canine	H	Adoption	1,640	1,640			
	I	Return to Owner	730	730		I	Return to Owner	702	702		I	Return to Owner	702	702			
	J	Transferred to Another Agency	581	581		J	Transferred to Another Agency	487	487		J	Transferred to Another Agency	487	487			
	K	Return to Field	7	7		K	Return to Field	6	6		K	Return to Field	6	6			
	L	Other Live Outcomes	0	0		L	Other Live Outcomes	0	0		L	Other Live Outcomes	0	0			
	M	Subtotal: Live Outcomes	2,769	2,769		M	Subtotal: Live Outcomes	2,835	2,835		M	Subtotal: Live Outcomes	2,835	2,835			
	N	Died in Care	10	10		N	Died in Care	16	16		N	Died in Care	16	16			
	O	Lost in Care	0	0		O	Lost in Care	3	3		O	Lost in Care	3	3			
	P	Shelter Euthanasia	565	565		P	Shelter Euthanasia	203	203		P	Shelter Euthanasia	203	203			
	Q	Owner Intended Euthanasia	177	177		Q	Owner Intended Euthanasia	134	134		Q	Owner Intended Euthanasia	134	134			
	R	Subtotal: Other Outcomes	752	752		R	Subtotal: Other Outcomes	356	356		R	Subtotal: Other Outcomes	356	356			
		Canine Total Outcome	3,521	3,521			Canine Total Outcome	3,191	3,191			Canine Total Outcome	3,191	3,191			
	Feline	H	Adoption	2,401		2,401	Feline	H	Adoption		2,924	2,924	Feline	H	Adoption	2,924	2,924
		I	Return to Owner	56		56		I	Return to Owner		68	68		I	Return to Owner	68	68
		J	Transferred to Another Agency	449		449		J	Transferred to Another Agency		509	509		J	Transferred to Another Agency	509	509
K		Return to Field	1,253	1,253	K	Return to Field		1,674	1,674	K	Return to Field	1,674		1,674			
L		Other Live Outcomes	0	0	L	Other Live Outcomes		0	0	L	Other Live Outcomes	0		0			
M		Subtotal: Live Outcomes	4,159	4,159	M	Subtotal: Live Outcomes		5,175	5,175	M	Subtotal: Live Outcomes	5,175		5,175			
N		Died in Care	224	224	N	Died in Care		224	224	N	Died in Care	224		224			
O		Lost in Care	24	24	O	Lost in Care		21	21	O	Lost in Care	21		21			
P		Shelter Euthanasia	1,361	1,361	P	Shelter Euthanasia		680	680	P	Shelter Euthanasia	680		680			
Q		Owner Intended Euthanasia	96	96	Q	Owner Intended Euthanasia		87	87	Q	Owner Intended Euthanasia	87		87			
R		Subtotal: Other Outcomes	1,705	1,705	R	Subtotal: Other Outcomes		1,012	1,012	R	Subtotal: Other Outcomes	1,012		1,012			
		Feline Total Outcome	5,864	5,864		Feline Total Outcome		6,187	6,187		Feline Total Outcome	6,187		6,187			
		H	Adoption	3,852	3,852			H	Adoption	4,564	4,564			H	Adoption	4,564	4,564
		I	Return to Owner	786	786			I	Return to Owner	770	770			I	Return to Owner	770	770
		J	Transferred to Another Agency	1,030	1,030			J	Transferred to Another Agency	996	996			J	Transferred to Another Agency	996	996
	K	Return to Field	1,260	1,260		K	Return to Field	1,680	1,680		K	Return to Field	1,680	1,680			
	L	Other Live Outcomes	0	0		L	Other Live Outcomes	0	0		L	Other Live Outcomes	0	0			
	N	Died in Care	234	234		N	Died in Care	240	240		N	Died in Care	240	240			
	O	Lost in Care	24	24		O	Lost in Care	24	24		O	Lost in Care	24	24			
	P	Shelter Euthanasia	1,926	1,926		P	Shelter Euthanasia	883	883		P	Shelter Euthanasia	883	883			
	Q	Owner Intended Euthanasia	273	273		Q	Owner Intended Euthanasia	221	221		Q	Owner Intended Euthanasia	221	221			
	S	Total Outcome	9,385	9,385		S	Total Outcome	9,378	9,378		S	Total Outcome	9,378	9,378			

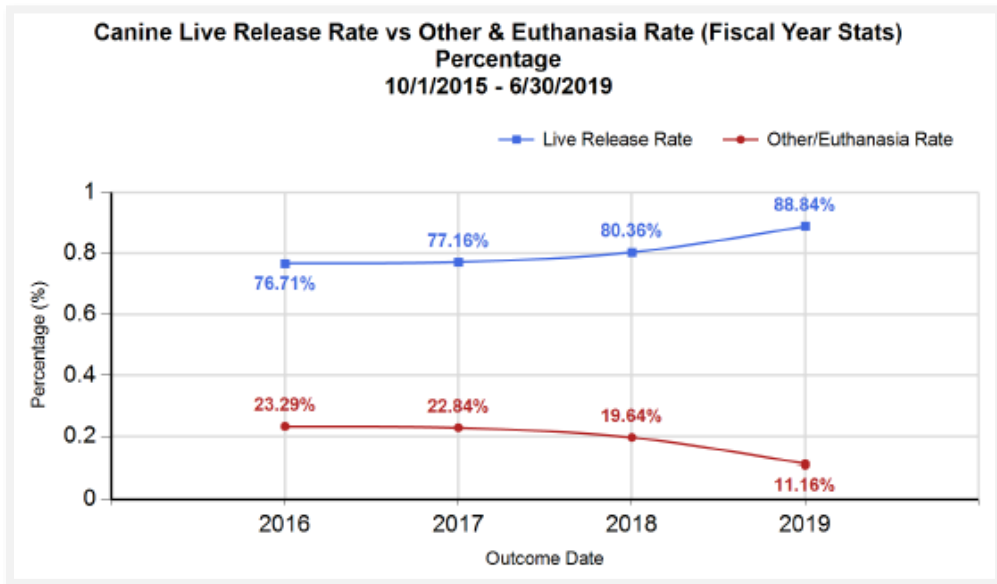
2.2 Live Release

The live release has increased from 74% in FY2017 to 85% for FY2019 as of June 30, 2019. Live Release Rate for cats has improved from 71% in FY2016 to 84% for FY2019 QTD. Dog live release rate has improved from 80% in FY2016 to 89% for FY2019 QTD.

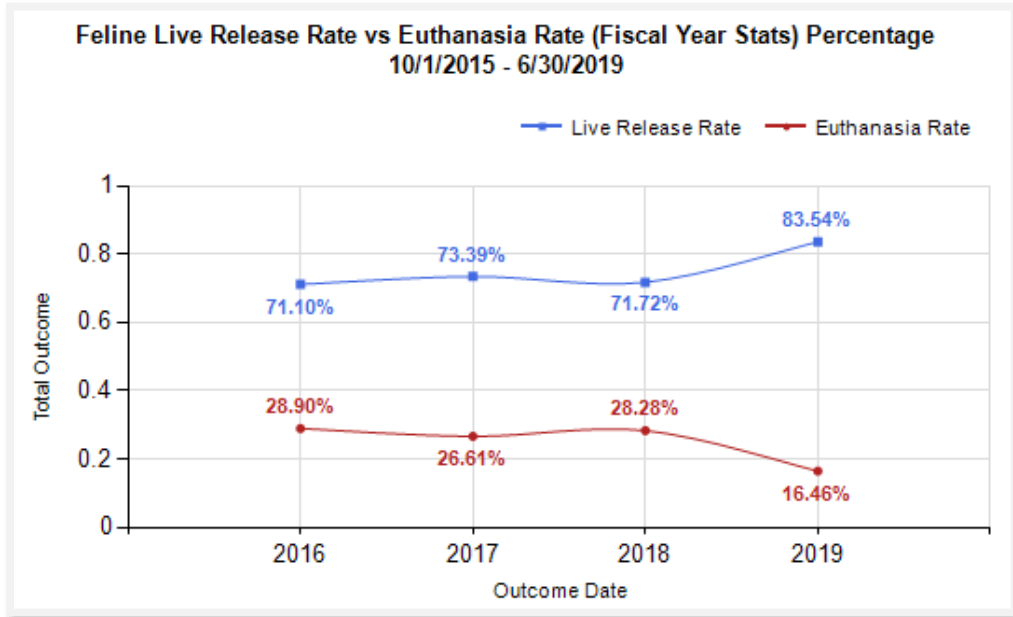
Line Chart – Live Release vs Euthanasia and Other Rates FY2016 – FY2019 Quarters 1 - 3 for Dogs and Cats



Line Chart – Live Release vs Euthanasia and Other Rate FY2016 – FY2019 Quarters 1 – 3 for Dogs



Line Chart – Live Release vs Euthanasia/Other Rate for Dog (FY2016 – FY2019 QTD)



IV. FELINE PANLEUKOPENIA ANALYSIS

GIS-Map Panleukopenia

Panleukopenia Intake Cases (5/2016 - 6/2019)

