Scorecard - Animal Services

Information

Name:	Animal Services
Description:	n/a
Domain:	Animal Services
Owners:	Munoz, Alex

Details

	As Of	Actual	Target	FYTD Actual	FYTD Target
1.0 Customer					
Increase voluntary compliance (ASD)					
Increase # of Saved Animals (Live Release)	Dec '18	2,191	1,400	6,343	4,200
Save Rate Calendar Year	2018	89 (25,971 / 29,136)	90	n/a	n/a
Shelter Intake	Dec '18	1,994	2,700	6,647	8,100
Save Rate Monthly	Dec '18	92% (2,070 / 2,261)	85%	90% (6,195 / 6,903)	85%
Adoptions	Dec '18	929	700	2,545	2,100
Returned to Owner	Dec '18	247	60	619	180
Rescue	Dec '18	205	224	639	672
Transport	Dec '18	75	60	188	180
Trap and Release	Dec '18	728	700	2,345	2,100
Fostered Pets With Positive Outcome	Sep '18	346	120	3,176	1,800
Events	'18 Q4	156	120	n/a	n/a
Volunteer Hours	Dec '18	2,434Hours	1,700Hours	8,211Hours	4,900Hours
Increase # of dogs licensed in Miami-Dade County	'18 FQ4	57,449	45,000	221,055	180,000
Spay/Neuter surgeries conducted by ASD TOTAL	Dec '18	1,628	1,000	5,448	3,000
# of Rabies vaccines administered by ASD Clinic (Pets)	'19 FQ1	6,471	6,250	6,471	6,250
Microchips Administered by ASD	'19 FQ1	637	n/a	637	n/a
2.0 Financial					
Meet Budget Targets (Animal Services)					
Expenditures - Total (Animal Services)	'19 FQ1	$6,329	$6,941	$6,329	$6,941
Revenue: Total (Animal Services)	'18 FQ4	$16,404K	$6,452K	$23,812K	$25,807K
Positions: Full-Time Filled (ASD)	'19 FQ1	240	n/a	n/a	n/a
Planned necessary resources to meet current and future operating and capital needs (ASD)					
3.0 Internal					
Number of Investigations Responded to. (ASD)					
Number cruelty investigations responded to	Dec '18	235	250	n/a	n/a
Number pit bull investigations responded to	Dec '18	6	60	n/a	n/a
Number dangerous dog investigations responded to	Dec '18	22	30	n/a	n/a
Number of Breeder/Pet Store investigations	Dec '18	17	20	n/a	n/a
Number of Investigations Responded to	Dec '18	280	400	n/a	n/a
Number of Overdue Investigations Responded to	Dec '18	2	5	n/a	n/a
Consistent interpretation and application of enforcement practices (ASD)					
Citations	Dec '18	1,281	1,270	n/a	n/a
Citation Error Rate	Dec '18	0.40%	2.00%	0.40%	2.00%

Respond quickly to service calls to promote safe and livable communities (ASD)

Initiative Name	Type	As Of	Status	%	Owners
Animal Services: Phase 2 - code enforcement review	Improvement	9/17/2018	Complete	100%	Morales, Mayra E. (OMB); Maxwell, Carlos M. (OMB)

Dead Animal Pickup - Average Response Time (ServiceStat)	Dec '18	1.40Days (665.00 / 475.00)	1.00Days	1.36Days (1,669.40 / 1,228.00)	1.00Days
Dead Animal Pickup - Total Closed Per Month (ServiceStat)	Dec '18	475	400	1,228	1,200
Dead Animal Pickup - Total Monthly Count (ServiceStat)	Dec '18	493	400	1,280	1,200
Stray Animal Pickup - Total Closed per Month (ServiceStat)	Dec '18	132	400	349	1,200
Stray Animal Pickup - Average Response Time (ServiceStat)	Dec '18	2.00Days (264.00 / 132.00)	2.00Days	1.93Days (672.00 / 349.00)	2.00Days
Injured Animal - Total Monthly Count (ServiceStat)	Dec '18	332	300	n/a	n/a
Injured Animal - Total Closed per Month (ServiceStat)	Dec '18	332	300	n/a	n/a
Animal Bite to Person - Total Closed per Month (ServiceStat)	Dec '18	159	95	n/a	n/a
Animal Bite to Person - Total per Month (ServiceStat)	Dec '18	185	120	591	360
Police Assist - Monthly Total (Service Stat)	Dec '18	217	160	n/a	n/a
Animal Bite to Person - Average Response time (Servicestat)	Dec '18	4.0	3.0	n/a	n/a

Initiative Name	Type	As Of	Status	%	Owners
Six Sigma: Animal Bite Response (Wave 5)		5/22/2014	Complete	100%	Maxwell, Carlos M. (OMB)

Police Assist - Average Response Time (Service Stat)	Dec '18	0	1	n/a	n/a

Green Projects (ASD)

Fuel Consumption (Gallons)	Sep '17	2,981	4,000	n/a	n/a
Electricity Usage (kw)	Sep '17	271,560	300,000	n/a	n/a

4.0 Learning and Growth

Scorecard	Description	Owners
Animal Services		Munoz, Alex

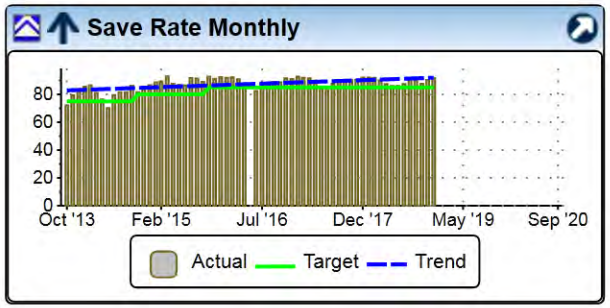
1.0 Customer

Objective	Description	Owners
Increase voluntary compliance (ASD)		Munoz, Alex

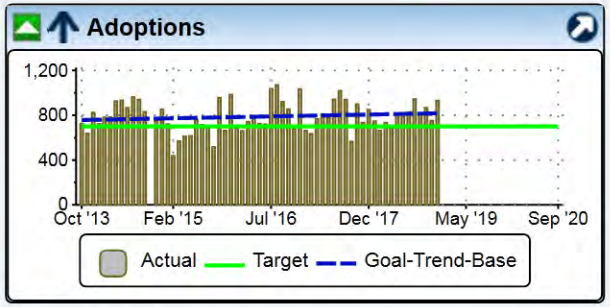
Grandparent Objectives	Description	Owners
NI4 Safe, healthy and attractive neighborhoods and communities		Miami-Dade County

Parent Objectives	Description	Owners
NI4-2 Promote livable and beautiful neighborhoods		Miami-Dade County

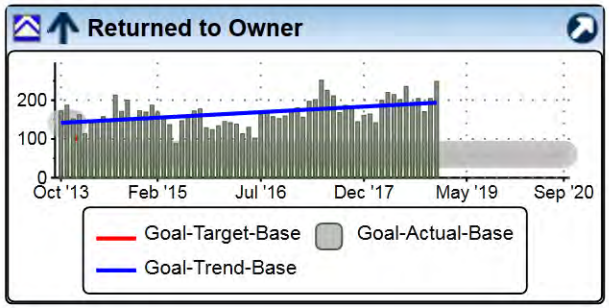
Measures Linked to Objective		Period	Actual	Target	Variance	Owners
Increase # of Saved Animals (Live Release)		Dec '18	2,191	1,400	791	Martin Passe, Akilah
Save Rate Calendar Year		2018	89 (25,971 / 29,136)	90	-1	Martin Passe, Akilah; Cuellar, Luis (ASD); Leiva, Michael (ASD)
Shelter Intake		Dec '18	1,994	2,700	-706	Martin Passe, Akilah; Romero, Leonel (ASD); Leiva, Michael (ASD)
Save Rate Monthly		Dec '18	92% (2,070 / 2,261)	85%	7%	Munoz, Alex; Mejia, Lorna (ASD); Martin Passe, Akilah



Adoptions		Dec '18	929	700	229	Martin Passe, Akilah; Cuellar, Luis (ASD)

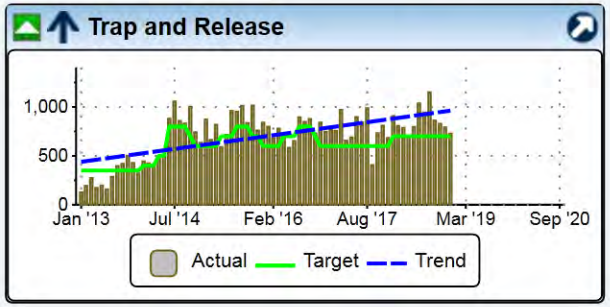


Child Measures		Period	Actual	Target	Variance	Owners
PetCo Adoption		Dec '18	74	65	9	Leiva, Michael (ASD); Martin Passe, Akilah ; Cuellar, Luis (ASD); Vazquez Jr, Emilio (ASD)
Petsmart Adoptions		Dec '18	68	15	53	Mejia, Lorna (ASD); Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD); Martin Passe, Akilah ; Cuellar, Luis (ASD)
HOPE Adoptions		Dec '18	5	0	5	Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD); Martin Passe, Akilah ; Cuellar, Luis (ASD)
Shelter Adoptions		Dec '18	721	600	121	Mejia, Lorna (ASD); Martin Passe, Akilah; Cuellar, Luis (ASD); Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD)
Off-Site Adoptions		Dec '18	61	8	53	Martin Passe, Akilah; Leiva, Michael (ASD) ; Vazquez Jr, Emilio (ASD); Cuellar, Luis (ASD)
Returned to Owner		Dec '18	247	60	187	Vazquez Jr, Emilio (ASD); Martin Passe, Akilah

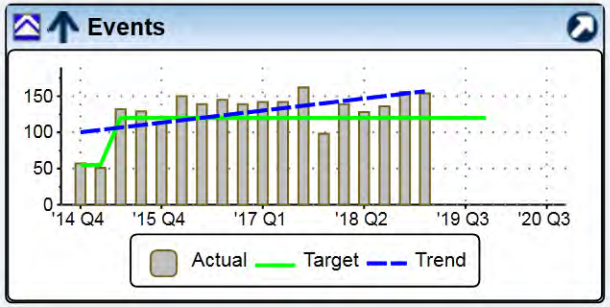


Child Measures		Period	Actual	Target	Variance	Owners
RTO Field		Mar '19	86	n/a	n/a	Martin Passe, Akilah; Vazquez Jr, Emilio (ASD); Mejia, Lorna (ASD); Leiva, Michael (ASD); Cuellar, Luis (ASD); Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)
RTO Shelter		Dec '18	187	95	92	Cuellar, Luis (ASD); Martin Passe, Akilah; Leiva, Michael (ASD); Mejia, Lorna (ASD); Vazquez Jr, Emilio (ASD)
Rescue		Dec '18	205	224	-19	Martin Passe, Akilah; Leiva, Michael (ASD)
Transport		Dec '18	75	60	15	Leiva, Michael (ASD); Martin Passe, Akilah

Trap and Release		Dec '18	728	700	28	Martin Passe, Akilah; Leiva, Michael (ASD)

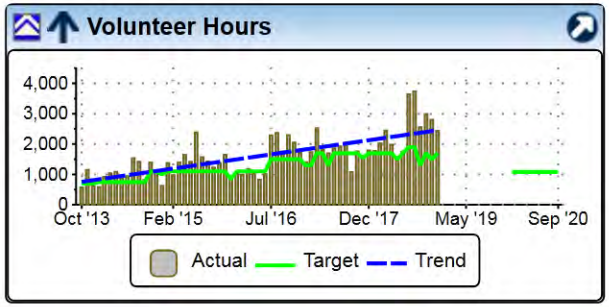


Fostered Pets With Positive Outcome		Sep '18	346	120	226	Martin Passe, Akilah; Cuellar, Luis (ASD)
Events		'19 Q1	154	120	34	Martin Passe, Akilah; Mejia, Lorna (ASD); Leiva, Michael (ASD); Vazquez Jr, Emilio (ASD); Mejia, Lorna (ASD); Cuellar, Luis (ASD)

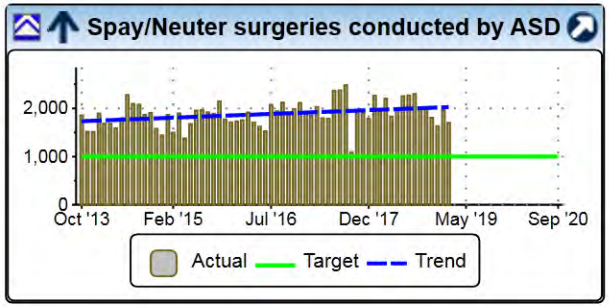


Child Measures		Period	Actual	Target	Variance	Owners
Spay/ Neuter Events		'19 Q1	6	3	3	Mejia, Lorna (ASD); Martin Passe, Akilah; Cuellar, Luis (ASD); Leiva, Michael (ASD); Vazquez Jr, Emilio (ASD)
Shelter Events		'19 Q1	7	n/a	n/a	Cuellar, Luis (ASD); Martin Passe, Akilah; Vazquez Jr, Emilio (ASD); Mejia, Lorna (ASD); Leiva, Michael (ASD)
Hope Events		'19 Q1	15	n/a	n/a	Martin Passe, Akilah; Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD); Cuellar, Luis (ASD)
Petsmart Events		'19 Q1	72	n/a	n/a	Leiva, Michael (ASD); Martin Passe, Akilah ; Cuellar, Luis (ASD); Vazquez Jr, Emilio (ASD); Mejia, Lorna (ASD)
Off-Site Events		'19 Q1	60	n/a	n/a	Leiva, Michael (ASD); Cuellar, Luis (ASD); Vazquez Jr, Emilio (ASD); Martin Passe, Akilah

Volunteer Hours		Dec '18	2,434Hours	1,700Hours	734Hours	Mejia, Lorna (ASD); Leiva, Michael (ASD); Martin Passe, Akilah

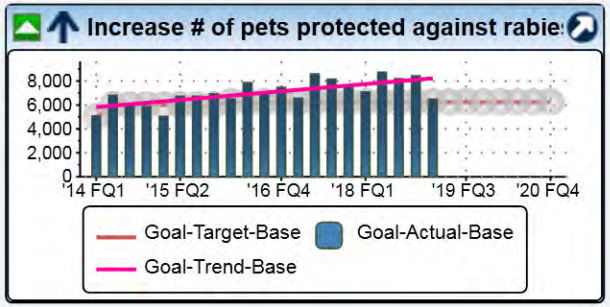


Increase # of dogs licensed in Miami-Dade County		'18 FQ4	57,449	45,000	12,449	n/a
Spay/Neuter surgeries conducted by ASD TOTAL		Feb '19	1,701	1,000	701	Martin Passe, Akilah; Labrada, Kathleen R. (ASD)



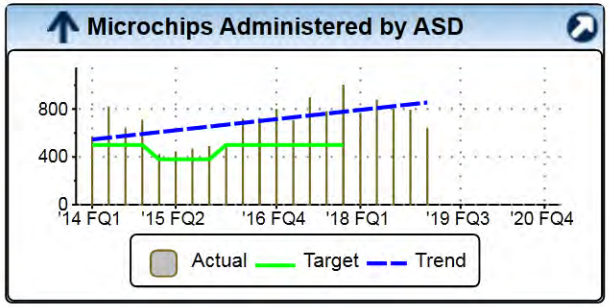
Child Measures			Period	Actual	Target	Variance	Owners
TNR Surgeries Conducted by ASD			Feb '19	720	800	-80	Labrada, Kathleen R. (ASD); Martin Passe, Akilah
Public S/N Surgeries			Feb '19	353	n/a (150 - 200)	n/a	Martin Passe, Akilah; Labrada, Kathleen R. (ASD)
Spay/Neuter surgeries conducts by ASD for Dogs (Event Related)			Feb '19	12	100	-88	Labrada, Kathleen R. (ASD); Martin Passe, Akilah
Spay/Neuter surgeries conducts by ASD for dogs (inhouse)			Feb '19	428	100	328	Labrada, Kathleen R. (ASD); Martin Passe, Akilah
Spay/Neuter surgeries conducts by ASD for dogs (MAC)			Feb '19	0	100	-100	Martin Passe, Akilah; Labrada, Kathleen R. (ASD)
Spay/Neuter surgeries conducts by ASD for cats (inhouse)			Feb '19	165	n/a	n/a	Labrada, Kathleen R. (ASD); Martin Passe, Akilah
Spay/Neuter surgeries conducts by ASD for cats (MAC)			Feb '19	0	80	-80	Labrada, Kathleen R. (ASD); Martin Passe, Akilah
Spay/Neuter surgeries conducts by ASD for Cat (Event Related)			Feb '19	23	15	8	Martin Passe, Akilah; Labrada, Kathleen R. (ASD)

# of Rabies vaccines administered by ASD Clinic (Pets)		'19 FQ1	6,471	6,250	221	Martin Passe, Akilah; Leiva, Michael (ASD)



Child Measures			Period	Actual	Target	Variance	Owners
Regular Rabies Vaccination Pkg			'19 FQ1	2,089	n/a	n/a	Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD); Martin Passe, Akilah ; Cuellar, Luis (ASD); Mejia, Lorna (ASD)
Feline Rabies Vaccination Pkg			'19 FQ1	407	190	217	Leiva, Michael (ASD); Vazquez Jr, Emilio (ASD); Martin Passe, Akilah; Mejia, Lorna (ASD); Cuellar, Luis (ASD)
Low-Income Rabies Vaccination Pkg			'19 FQ1	1,150	1,500	-350	Cuellar, Luis (ASD); Martin Passe, Akilah; Leiva, Michael (ASD); Vazquez Jr, Emilio (ASD)
Low-Income Rabies Vaccination (No Pkg)			'19 FQ1	808	1,200	-392	Cuellar, Luis (ASD); Martin Passe, Akilah; Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD)
Regular Rabies Vaccination			'19 FQ1	2,017	2,000	17	Mejia, Lorna (ASD); Martin Passe, Akilah; Cuellar, Luis (ASD); Vazquez Jr, Emilio (ASD); Leiva, Michael (ASD)

Microchips Administered by ASD		'19 FQ1	637	n/a	n/a	Martin Passe, Akilah



Child Measures			Period	Actual	Target	Variance	Owners
Microchip Pkg			'19 FQ1	101	300	-199	Cuellar, Luis (ASD); Munoz, Alex; Vazquez, Emilio (ASD); Leiva, Michael (ASD)

Microchip clinic for the public		'19 FQ1	536	300	236	Cuellar, Luis (ASD); Vazquez, Emilio (ASD) ; Leiva, Michael (ASD)

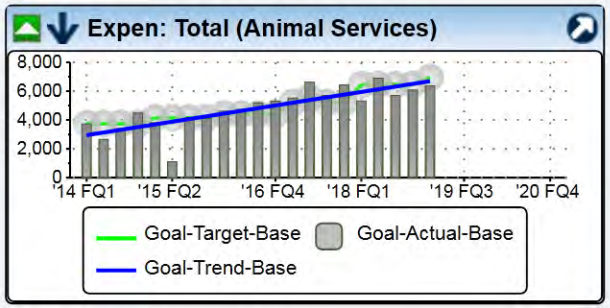
2.0 Financial

Objective	Description	Owners
Meet Budget Targets (Animal Services)	Positions: Full Time (ASD)	Munoz, Alex; Animal Services

Grandparent Objectives	Description	Owners
GG4-2 Effectively allocate resources to meet current and future operating and capital needs		Miami-Dade County

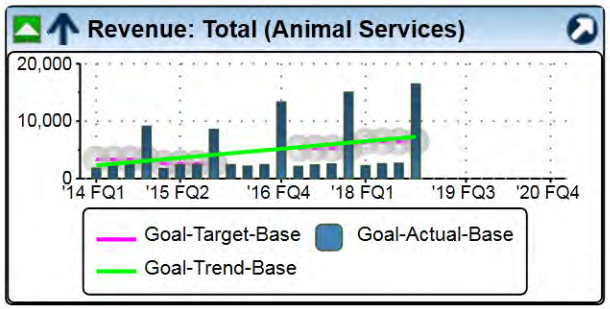
Parent Objectives	Description	Owners
Meet Budget Targets (All Miami-Dade County)	This is the parent objectives to all departmental "Meet Budget Targets" objective. This is the child objective to the County's Strategic Plan Objective, "GG4-2: Effectively allocate and utilize resources to meet current and future operating and capital needs."	Moon, Jennifer (OMB)

Measures Linked to Objective			Period	Actual	Target	Variance	Owners
Expenditures - Total (Animal Services)			'19 FQ1	$6,329	$6,941	$612	Diaz, Virginia C. (ASD); Munoz, Alex

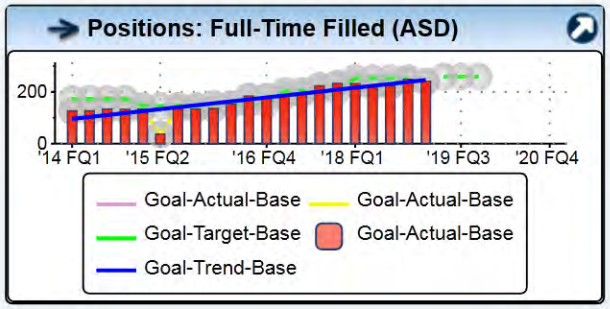


Child Measures			Period	Actual	Target	Variance	Owners
Expenditure: Capital (ASD)			'19 FQ1	$0K	$22K	$22K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Charges for County Services (ASD)			'19 FQ1	$326K	$408K	$-82K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Contractual Services (ASD)			'19 FQ1	$261K	$525K	$-264K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Court Costs (ASD)			'19 FQ1	$9K	$9K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Debt Service (ASD)			'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Depreciation, Amortization, Depletion (ASD)			'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Distribution of Funds in Trust (ASD)			'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Grants to Outside Organizations (ASD)			'19 FQ1	$153K	$206K	$-53K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Intradepartmental Transfers (ASD)			'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Other Operating (ASD)			'19 FQ1	$923K	$1,239K	$-316K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Personnel Costs (ASD)			'19 FQ1	$4,657K	$4,399K	$258K	Diaz, Virginia C. (ASD); Munoz, Alex

Expenditure: Reserves (ASD)		'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Expenditure: Transfers Out (ASD)		'19 FQ1	$0K	$133K	$-133K	Diaz, Virginia C. (ASD); Munoz, Alex
Revenue: Total (Animal Services)		'18 FQ4	$16,404K	$6,452K	$9,952K	Diaz, Virginia C. (ASD); Munoz, Alex



Child Measures			Period	Actual	Target	Variance	Owners
Revenue: Carryover (ASD)			'19 FQ1	$153K	$0K	$153K	Munoz, Alex
Revenue: General Fund (ASD)			'18 FQ4	$11,543K	$3,500K	$-8,043K	Munoz, Alex
Revenue: Proprietary (ASD)			'18 FQ4	$4,861K	$2,952K	$1,909K	Diaz, Virginia C. (ASD); Munoz, Alex
Revenue: State (ASD)			'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Revenue: Federal (ASD)			'19 FQ1	$0K	$0K	$0K	Munoz, Alex
Revenue: Interagency/Intradepartmental (ASD)			'19 FQ1	$0K	$0K	$0K	Diaz, Virginia C. (ASD); Munoz, Alex
Positions: Full-Time Filled (ASD)			'19 FQ1	240	n/a	n/a	Diaz, Virginia C. (ASD); Munoz, Alex; Alfonso, Eduardo (ASD)



Objective	Description	Owners
Planned necessary resources to meet current and future operating and capital needs (ASD)		Diaz, Virginia C. (ASD); Munoz, Alex

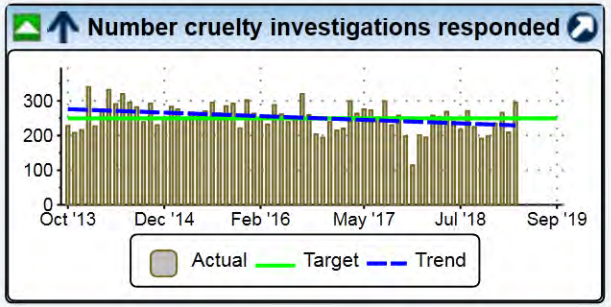
Grandparent Objectives	Description	Owners
GG4 Effective management practices		Miami-Dade County

Parent Objectives	Description	Owners
GG4-2 Effectively allocate resources to meet current and future operating and capital needs		Miami-Dade County

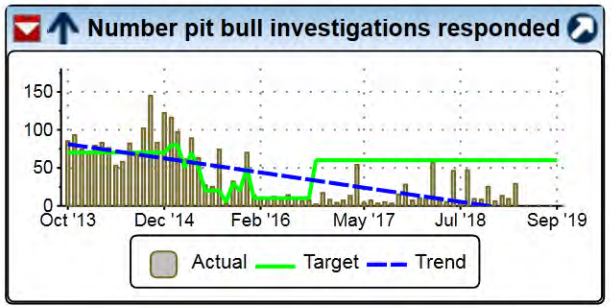
3.0 Internal

Objective	Description	Owners
Number of Investigations Responded to. (ASD)		Labrada, Kathleen R. (ASD); Munoz, Alex

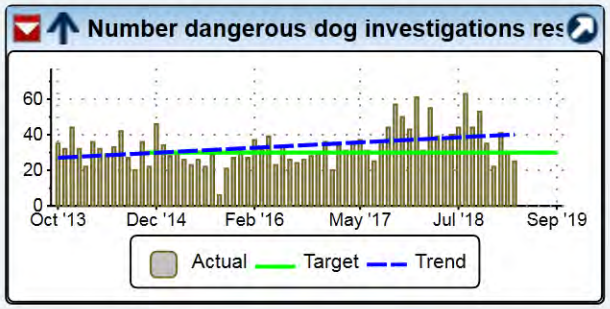
Measures Linked to Objective			Period	Actual	Target	Variance	Owners
Number cruelty investigations responded to			Mar '19	295	250	45	Munoz, Alex



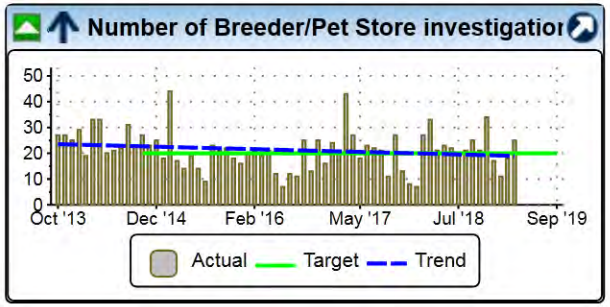
Number pit bull investigations responded to			Mar '19	29	60	-31	Munoz, Alex



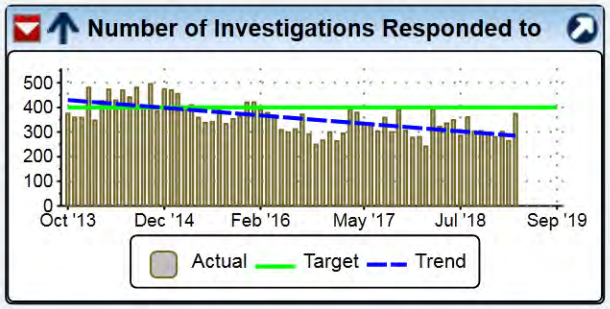
Number dangerous dog investigations responded to		Mar '19	25	30	-5	Labrada, Kathleen R. (ASD); Munoz, Alex; Gallagher, Sean S. (ASD)



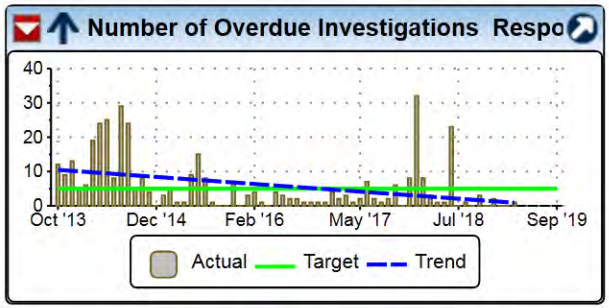
Number of Breeder/Pet Store investigations		Mar '19	25	20	5	Labrada, Kathleen R. (ASD); Munoz, Alex; Gallagher, Sean S. (ASD)



Number of Investigations Responded to		Mar '19	374	400	-26	Munoz, Alex



Number of Overdue Investigations Responded to		Mar '19	1	5	-4	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)

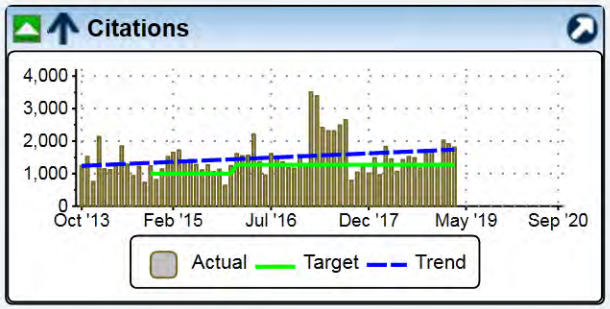


Objective	Description	Owners
Consistent interpretation and application of enforcement practices (ASD)		Munoz, Alex

Grandparent Objectives	Description	Owners
NI4 Safe, healthy and attractive neighborhoods and communities		Miami-Dade County

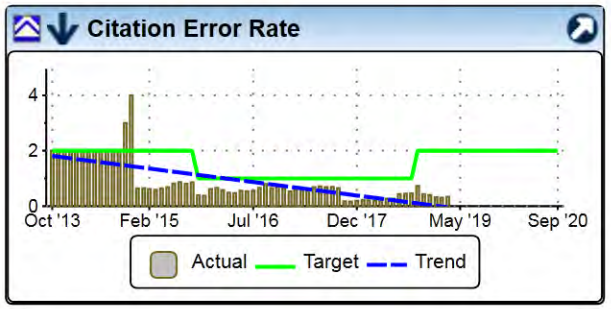
Parent Objectives	Description	Owners
NI4-2 Promote livable and beautiful neighborhoods		Miami-Dade County

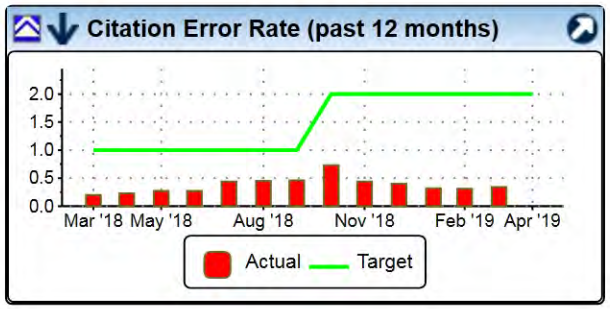
Measures Linked to Objective			Period	Actual	Target	Variance	Owners
Citations			Mar '19	1,809	1,270	539	Marin, Robert D. (ASD)



Child Measures			Period	Actual	Target	Variance	Owners
Collection Accounts Researched/ Processed			Mar '19	148	270	-122	Marin, Robert D. (ASD); Tamayo, Derrick (ASD)
Number of Non-Walk-in Citations Processed			Mar '19	1,412	750	662	Marin, Robert D. (ASD); Tamayo, Derrick (ASD)
Number of Walk in Citations Processed			Mar '19	249	250	-1	Marin, Robert D. (ASD); Tamayo, Derrick (ASD)

Citation Error Rate		Mar '19	0.34%	2.00%	1.66%	n/a





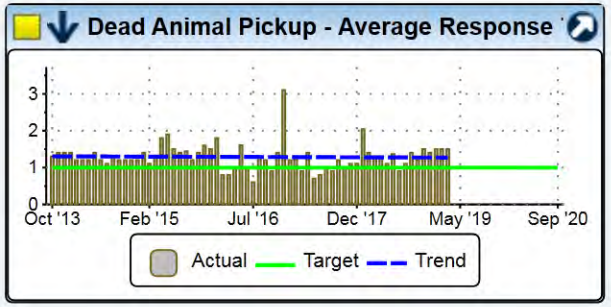
Objective	Description	Owners
Respond quickly to service calls to promote safe and livable communities (ASD)	Respond quickly to service calls to promote safe and livable communities	Munoz, Alex

Grandparent Objectives	Description	Owners
NI4 Safe, healthy and attractive neighborhoods and communities		Miami-Dade County

Parent Objectives	Description	Owners
NI4-2 Promote livable and beautiful neighborhoods		Miami-Dade County

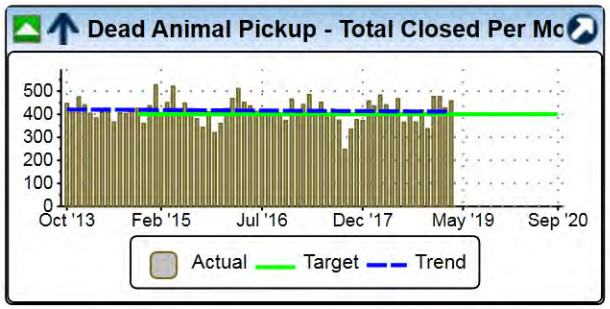
Initiatives Linked to Objective	Est. Start	Est. End	Type	As Of	%	Status	Owners
Animal Services: Phase 2 - code enforcement review	1/1/2018	3/31/2018	Improvement	9/17/2018	100%	Complete	Morales, Mayra E. (OMB); Maxwell, Carlos M. (OMB)

Measures Linked to Objective	Period	Actual	Target	Variance	Owners
Dead Animal Pickup - Average Response Time (ServiceStat)	Mar '19	1.50Days (685.50 / 457.00)	1.00Days	-0.50Days	Labrada, Kathleen R. (ASD); Gafcovich, Sam (ASD); Gallagher, Sean S. (ASD)

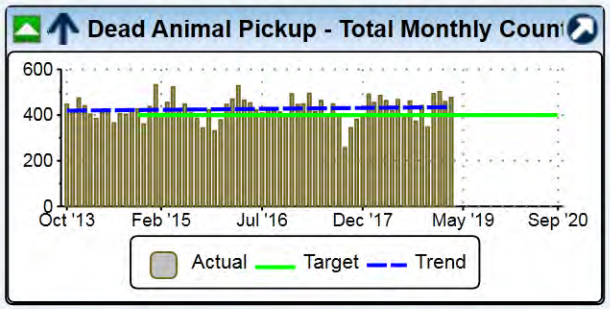


Child Measures	Period	Actual	Target	Variance	Owners
Dead Animal Pickup - Total Closed Per Month (ServiceStat)	Mar '19	457	400	57	Labrada, Kathleen R. (ASD)

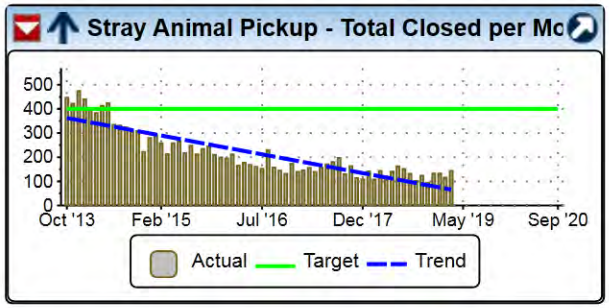
Dead Animal Pickup - Total Monthly Count (ServiceStat)		Mar '19	476	400	76	Labrada, Kathleen R. (ASD)
Dead Animal Pickup - Total Closed Per Month (ServiceStat)		Mar '19	457	400	57	Labrada, Kathleen R. (ASD)



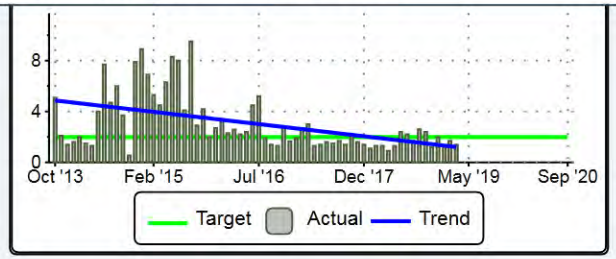
Dead Animal Pickup - Total Monthly Count (ServiceStat)		Mar '19	476	400	76	Labrada, Kathleen R. (ASD)



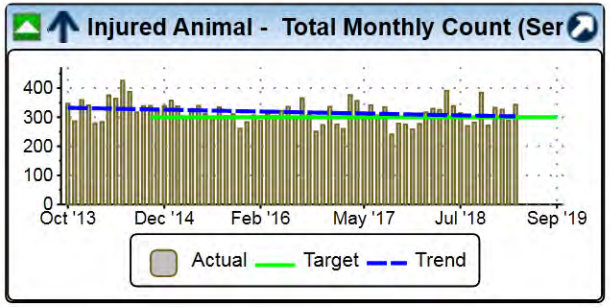
Stray Animal Pickup - Total Closed per Month (ServiceStat)		Mar '19	143	400	-257	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)



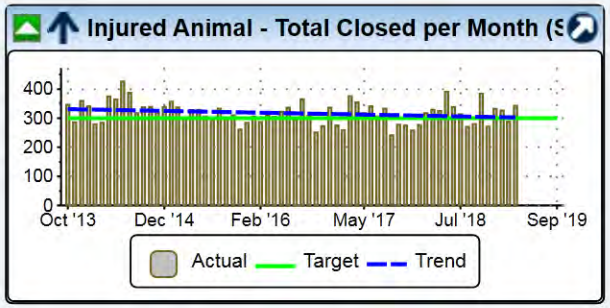
Stray Animal Pickup - Average Response Time (ServiceStat)		Mar '19	1.40Days (200.20 / 143.00)	2.00Days	0.60Days	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)



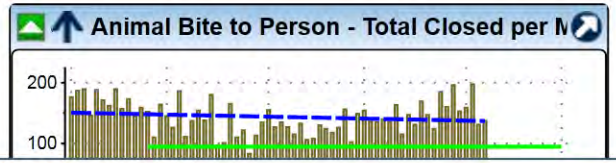
Child Measures			Period	Actual	Target	Variance	Owners
Stray Animal Pickup - Total Closed per Month (ServiceStat)			Mar '19	143	400	-257	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)
Injured Animal - Total Monthly Count (ServiceStat)			Mar '19	343	300	43	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)

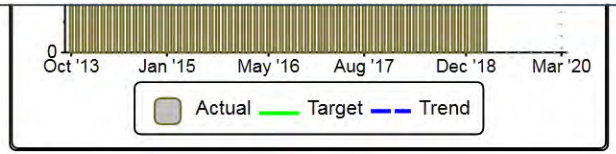


Injured Animal - Total Closed per Month (ServiceStat)			Mar '19	343	300	43	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)

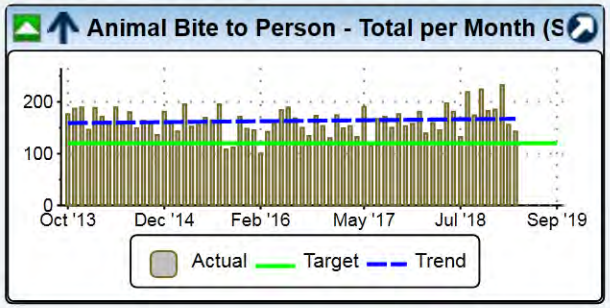


Animal Bite to Person - Total Closed per Month (ServiceStat)			Mar '19	137	95	42	Labrada, Kathleen R. (ASD); Gallagher, Sean S. (ASD)

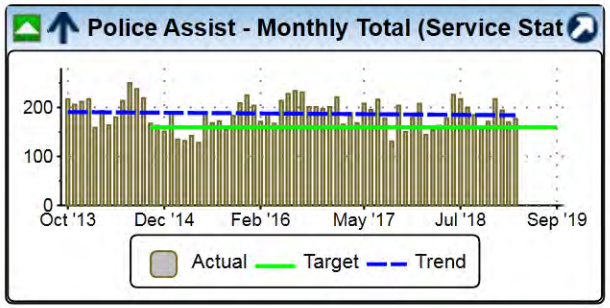




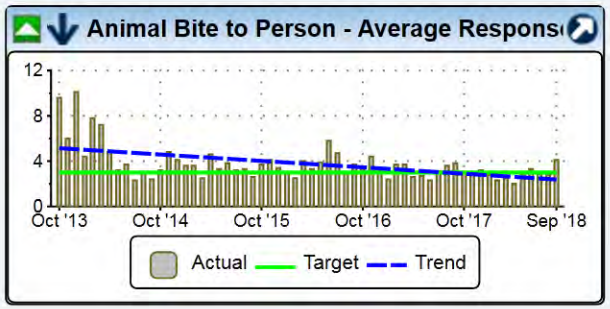
Animal Bite to Person - Total per Month (ServiceStat)		Mar '19	143	120	23	Labrada, Kathleen R. (ASD); Munoz, Alex; Gallagher, Sean S. (ASD)



Police Assist - Monthly Total (Service Stat)		Mar '19	177	160	17	Labrada, Kathleen R. (ASD); Munoz, Alex; Gallagher, Sean S. (ASD)

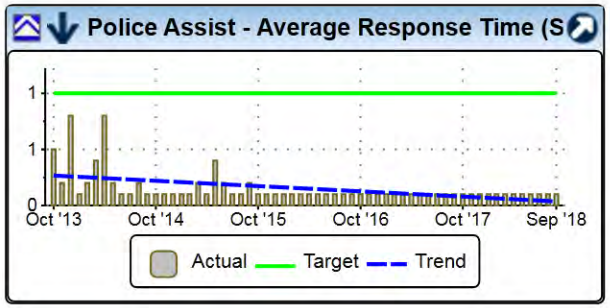


Animal Bite to Person - Average Response time (Servicestat)		Mar '19	2.1	3.0	0.9	Labrada, Kathleen R. (ASD); Munoz, Alex; Gallagher, Sean S. (ASD)



Initiatives Linked to Measure	Est. Start	Est. End	Type	As Of					%	Status	Owners

Six Sigma: Animal Bite Response (Wave 5)	n/a	n/a	5/22/2014		100%	Complete	Maxwell, Carlos M. (OMB)
Police Assist - Average Response Time (Service Stat)		Mar '19	0	1		1	Labrada, Kathleen R. (ASD); Munoz, Alex; Gallagher, Sean S. (ASD)

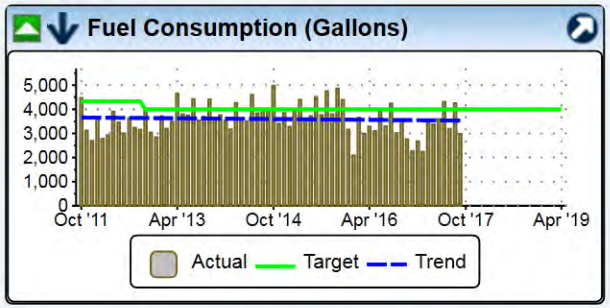


Objective	Description	Owners
Green Projects (ASD)	Tracking of ASD progress in reducing fossil fuel based energy sources, and increase in recycling programs to better the environment, while serving the community.	Garateix, Michael (ASD)

Grandparent Objectives	Description	Owners
GG6 Green government		Miami-Dade County

Parent Objectives	Description	Owners
GG6-1 Reduce County government's greenhouse gas emissions and resource consumption		Miami-Dade County

Measures Linked to Objective			Period	Actual	Target	Variance	Owners
Fuel Consumption (Gallons)			Sep '17	2,981	4,000	-1,019	Salgado, Luis (ASD); Gallagher, Sean S. (ASD)



Electricity Usage (kw)			Sep '17	271,560	300,000	28,440	Salgado, Luis (ASD)

4.0 Learning and Growth