Indian River County Board of County Commissioners Free-Roaming Cats & Public Health Risks



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Florida Department of Health in Indian River County
Tad Stone, Indian River County Emergency Services Director

How many are there?

- 66% of owned cats spend all or part of their lives outdoors
- United States
 - 107 million+ outdoor cats
- Indian River County
 - 38,000+ pet cats
 - 30,000+ stray / feral cats
 - 55,000+ outdoor cats



2012 AVMA US Pet Ownership & Demographics Sourcebook, Pet Ownership Calculator Winter L. 2004. Trap-neuter-release programs: the reality and the impacts. J Am Vet Med Assoc. Levy JK, Crawford PC. 2004. Humane strategies for controlling feral cat populations. J Am Vet Med Assoc.





Florida bat bite victim dies of rabies

Highlands County resident did not seek treatment, officials say

By Daniel Dahm - Digital Manager

Posted: 3:10 PM, October 27, 2017 Updated: 3:10 PM, October 27, 2017



Florida bat.



Share Your Opinion

8.3k

6-year-old boy infected with rabies has died



Jan. 15, 2018 at 10:08 AM

A 6-year-old Florida boy fighting rabies has died, his father said Sunday.

Ryker Roque was being kept under anesthesia in an Orlando hospital in a desperate bid to save him from the deadliest virus there is.





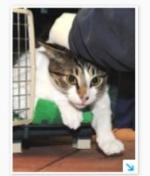






Warning issued after Pace resident exposed to rabid cat

From staff reports, pnj.com Published 5:04 p.m. CT Feb. 19, 2018 | Updated 5:11 p.m. CT Feb. 19, 2018



After a Pace resident was exposed to a cat that tested positive for rabies, officials are warning the public to take precautions to avoid contact with potentially rabid wild or domestic animals.

Most cases of rabies occur in wild animals such as raccoons, foxes, skunks and bats, but pets can also contract the disease if they are not vaccinated, according to the Florida Department of Health in Santa Rosa County.

The virus is carried in the saliva of infected animals and is usually transmitted through a bite or scratch.

Rabies can be fatal to humans and animals. In humans, the disease can be prevented if the rabies vaccine is administered as soon as possible after exposure.

Rabid cat found in Tampa, two people treated for rabies exposure

BY: WFTS Webteam POSTED: 9:32 AM, Mar 7, 2018 UPDATED: 10:02 AM Mar 8 2018

(Photo: File)





cat with rabies

FOX 6 = Section News Weather Traffic Sports Good Day Live Absorbs Care Force Season TV C

Clay County health advisory to last for 60 days

By Destiny McKeiver - Multi-media journalist.

Posted: 3:52 PM, September 05, 2018 Updated: 7:58 PM, September 05, 2018

By FOX 13 News staff

TAMPA (PCIK 13) - A 60-day rables abot has been bound for p attacked by a stray gatur that was found to be rabid.

The Florida Department of Health in Hillsborough County (DOH the 4500 black of W. Knoboood Street in Tampa

GREEN COVE SPRINGS, Fla. - The Clay County Health Department issued a rables advisory Wednesday for the Doctors Lake area for Orange Park after officials said a person was bitten by a feral cat, which tested positive for rabies.

Brevard Health Department Issues Rabies Alert in Response to Stray Cat That Tested Positive in Cocoa

By Space Coast Daily // September 10, 2018

RABIES ALERT FOR THE FRIDAY ROAD, FLEETWOOD PLACE AREA IN COCOA



The Physide Department of Health in Brooms County issued a rubins alors for the Friday Board, Floringsond Plans area in Ciscolo. This is in response to a strug out that tented positive on last Friday.

BREVARD COUNTY • MERRITT ISLAND, FLORIDA - The Florida Department of Health in Brevard County issued a rabies alert for the Friday Road, Fleetwood Place area in Cocoa. This is in response to a stray cat that tested positive on last

Animal Rabies in Indian River County by Species CY 2007 – July 2018

Raccoon 7 (44%)

Bat 4 (25%)

Cat 4* (25%)

Otter 1 (6%)

Total 16



*Positive cats: 2007, 2010(2), May 2018

Outdoor Cats Public Health Issues Other Diseases Spread to Humans

- Toxoplasmosis (fecal parasite, chronic infection)
- Roundworms / Hookworms larva migrans (fecal parasites)
- Cat bite infections
- Cat Scratch Disease
- Others



Courtesy DOH in Miami-Dade County

Toxoplasmosis

Parasite found only in cat feces (poop)

Infects most warm-blooded animals

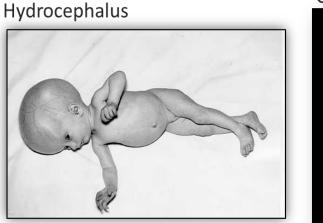
Spread

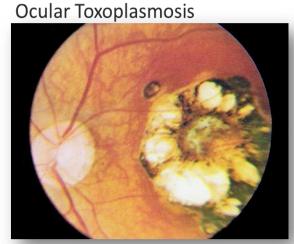
- Cat to human
- Foodborne
- Mother to child
- To lagoon

Human infection

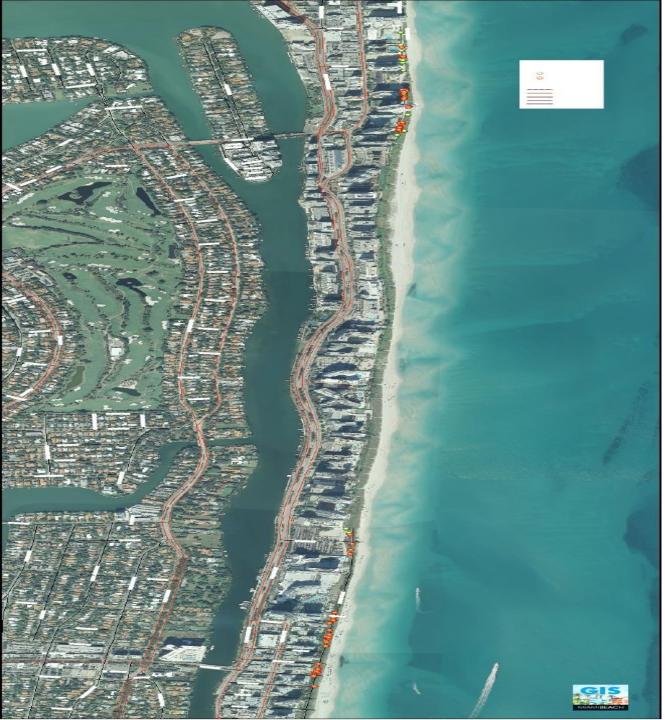
- No symptoms in most healthy people
- Miscarriage
- Neurologic disease
- Eye disease











Hookworm Outbreaks

2018 Pompano Beach

- 7 infected
- still being investigated

2011 Miami Beach

- at least 15 infected
- linked to feral cats

2007 Miami Children's Camp

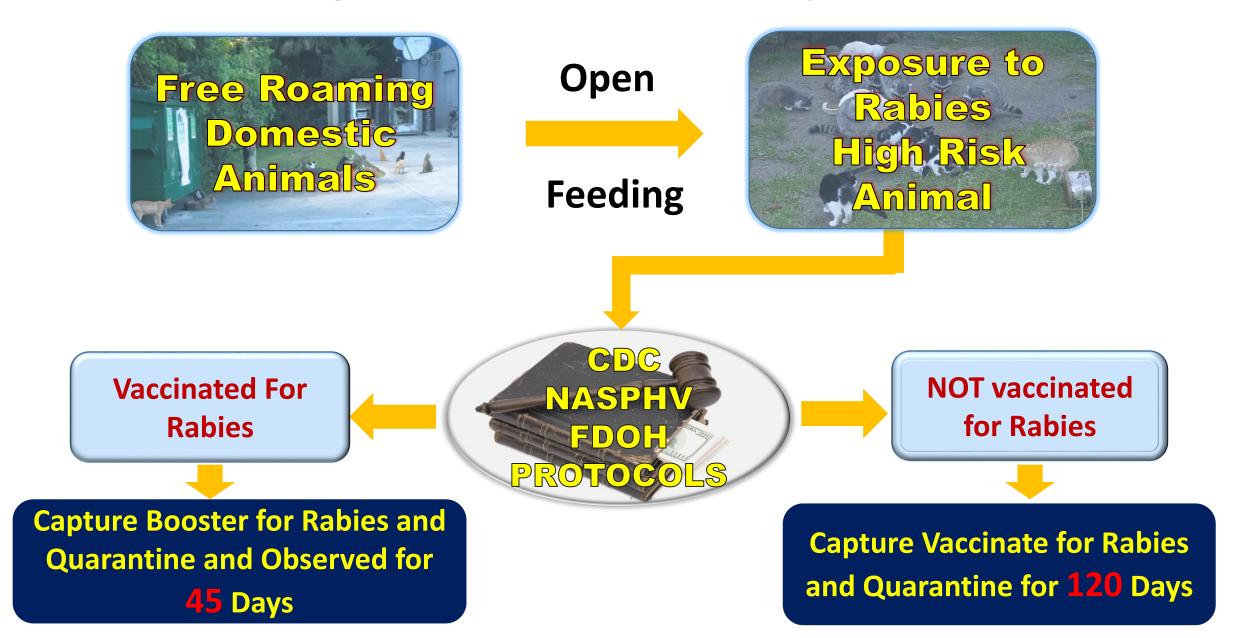
- 22 infected
- linked to feral cats

Outdoor Cats & Rabies Why Does it Happen?

- Raccoons main rabies carrier in eastern US
- Outdoor cats have contact with raccoons (fighting over food)
- Cats are #1 rabid domestic animal
- Rabid cats can be aggressive and dangerous
- Hard to catch, confine and observe for signs of rabies
 - Victim is more likely to require rabies post-exposure treatment



High Risk Animal Rabies Exposure



Trap-Neuter-Release or Return (TNR)

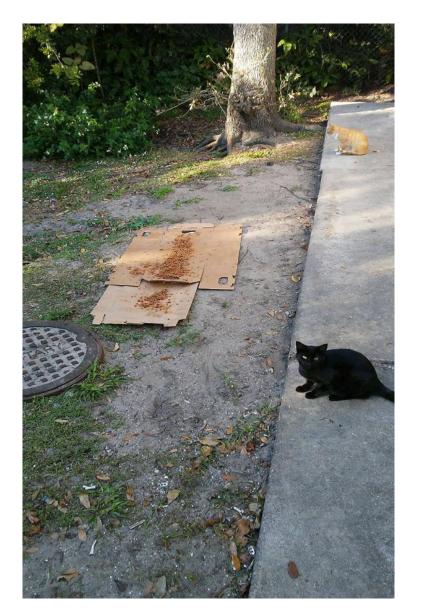
- Ineffective at population control in most situations
 - Can't capture every cat
 - Immigration of intact animals into population
 - Continued dumping of animals by humans
- Feeding stations
 - Increase animal congregation and density
 - Wildlife comingling / competing for food
 - Increase disease spread
 - Within the colony
 - To other species
 - To humans







Open Feeding





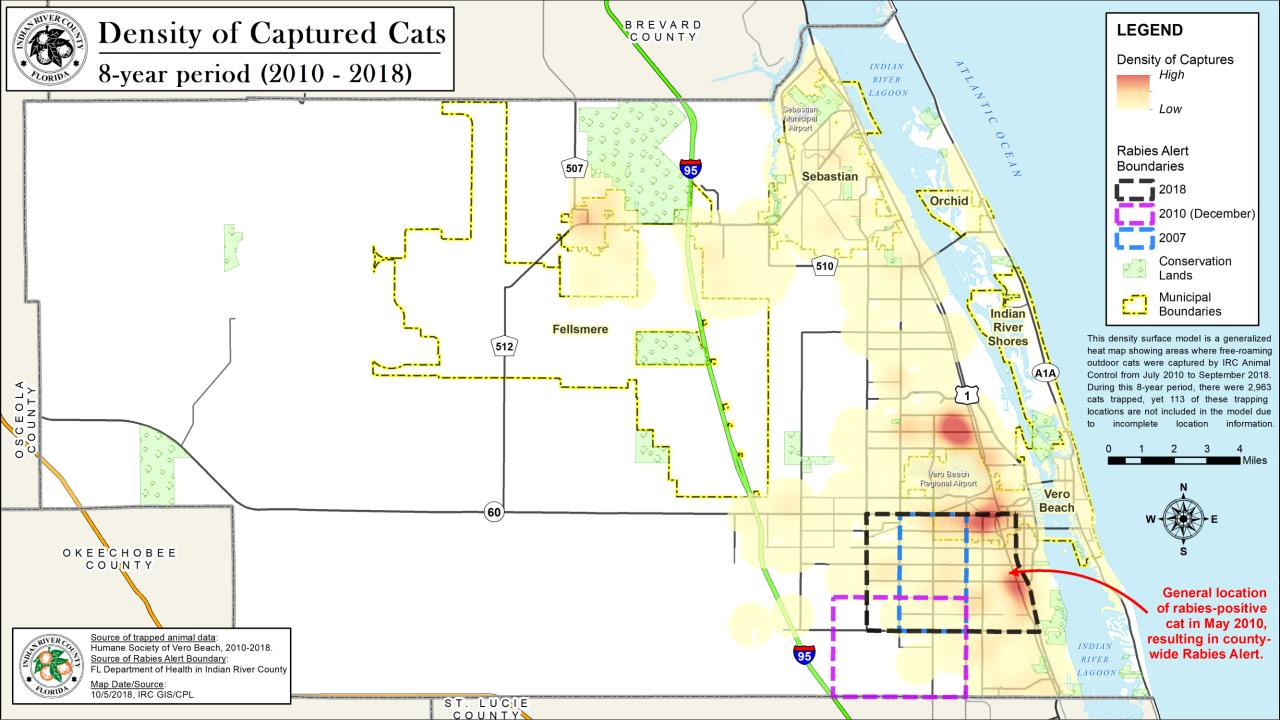
Public Health Threats from Sanitary Nuisances

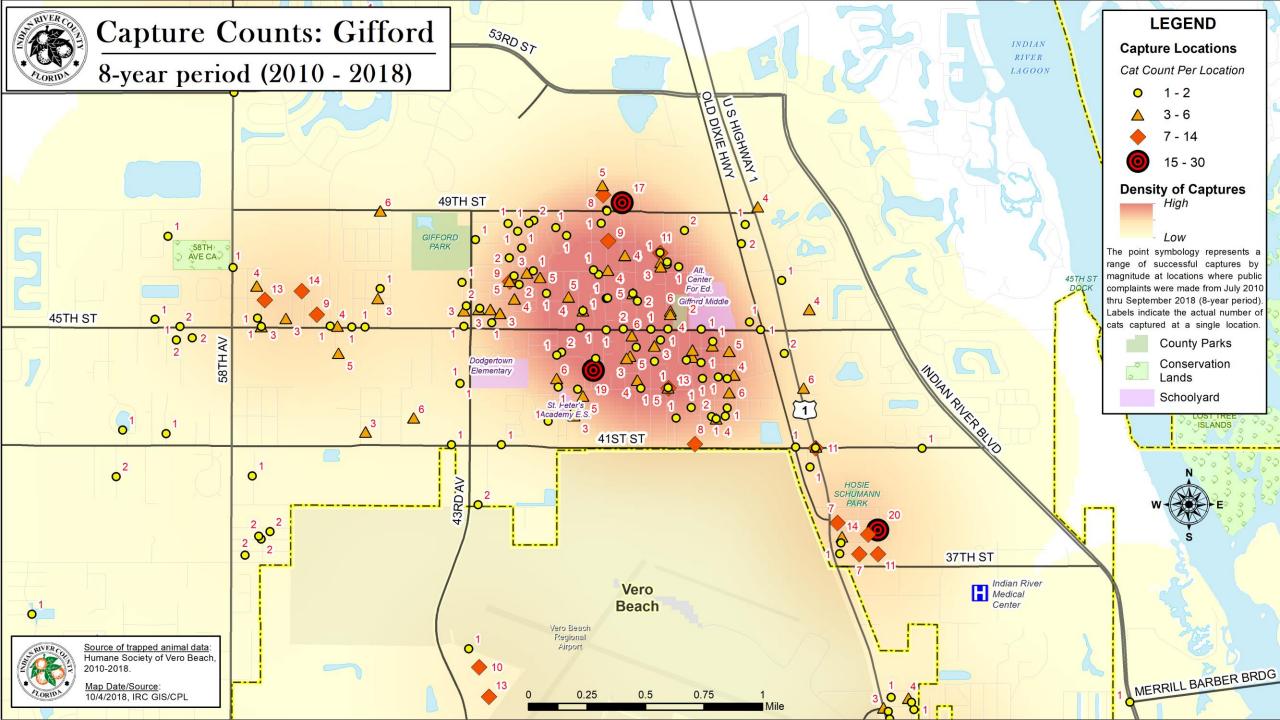
Feeding Colonies Often Create other Sanitary Nuisances
Threatening and Impacting Neighborhoods

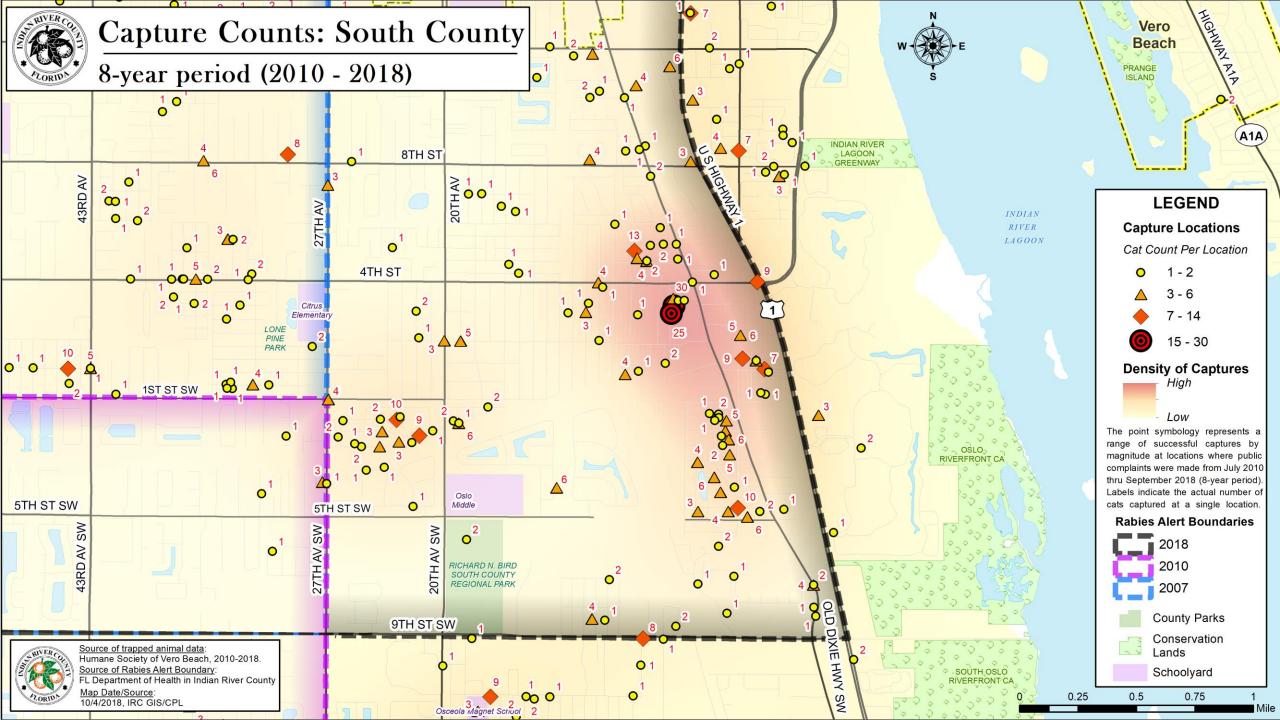


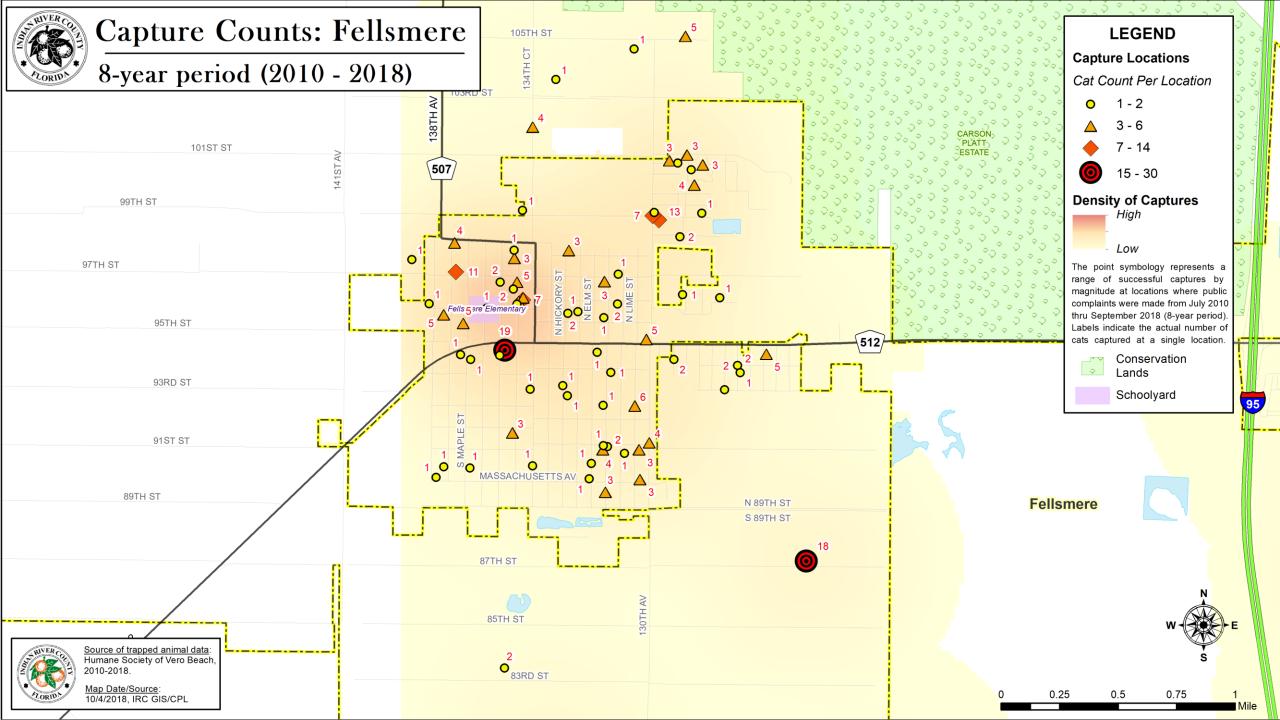


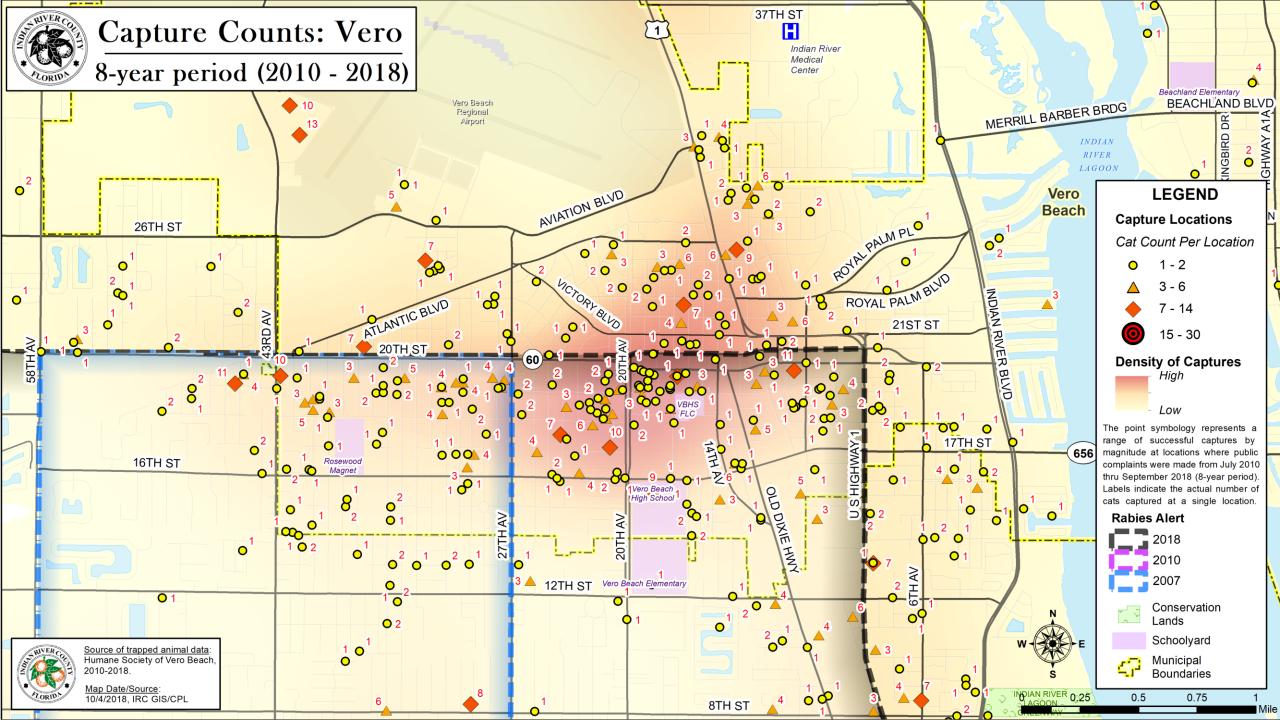
Animal Intake Data Humane Society and Animal Control 2010-2018



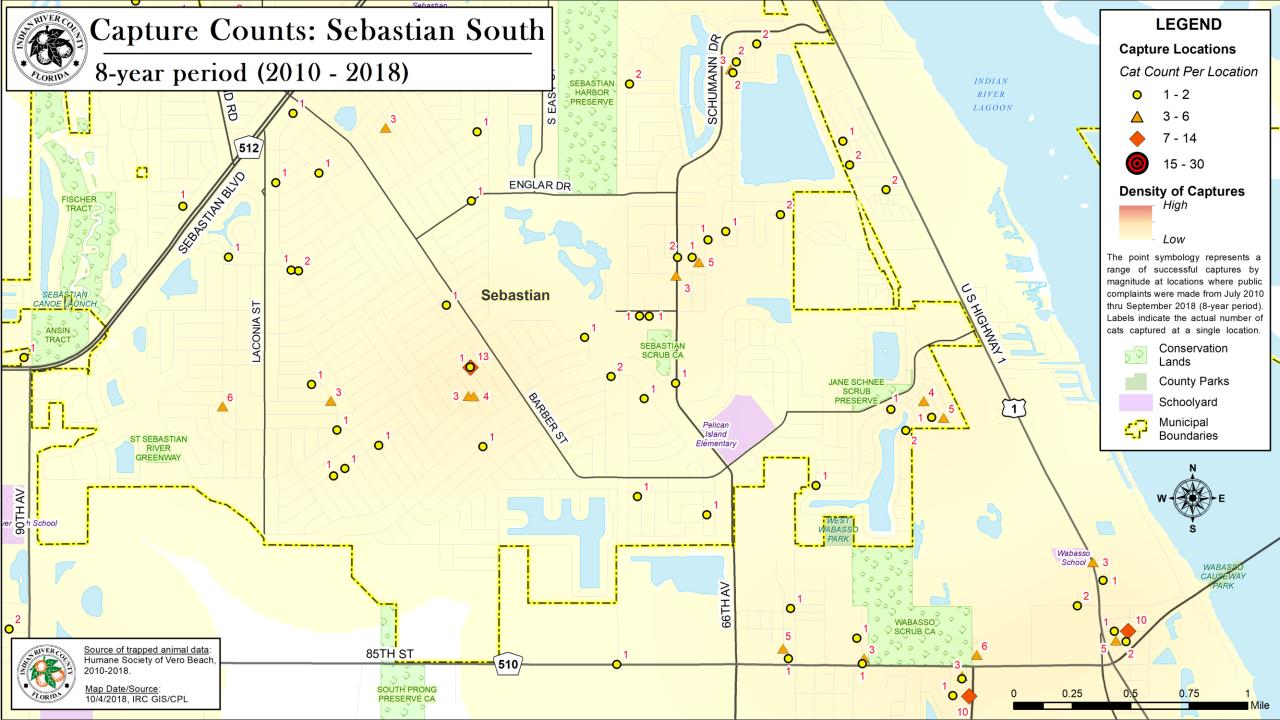


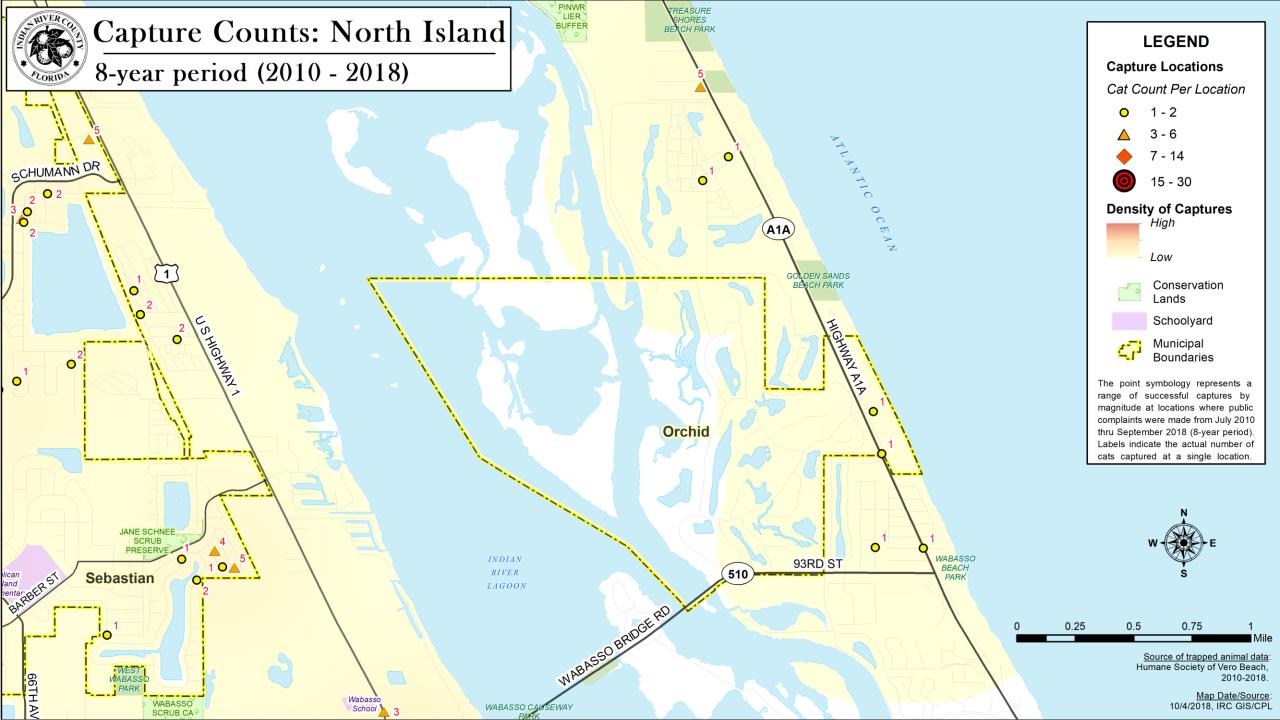


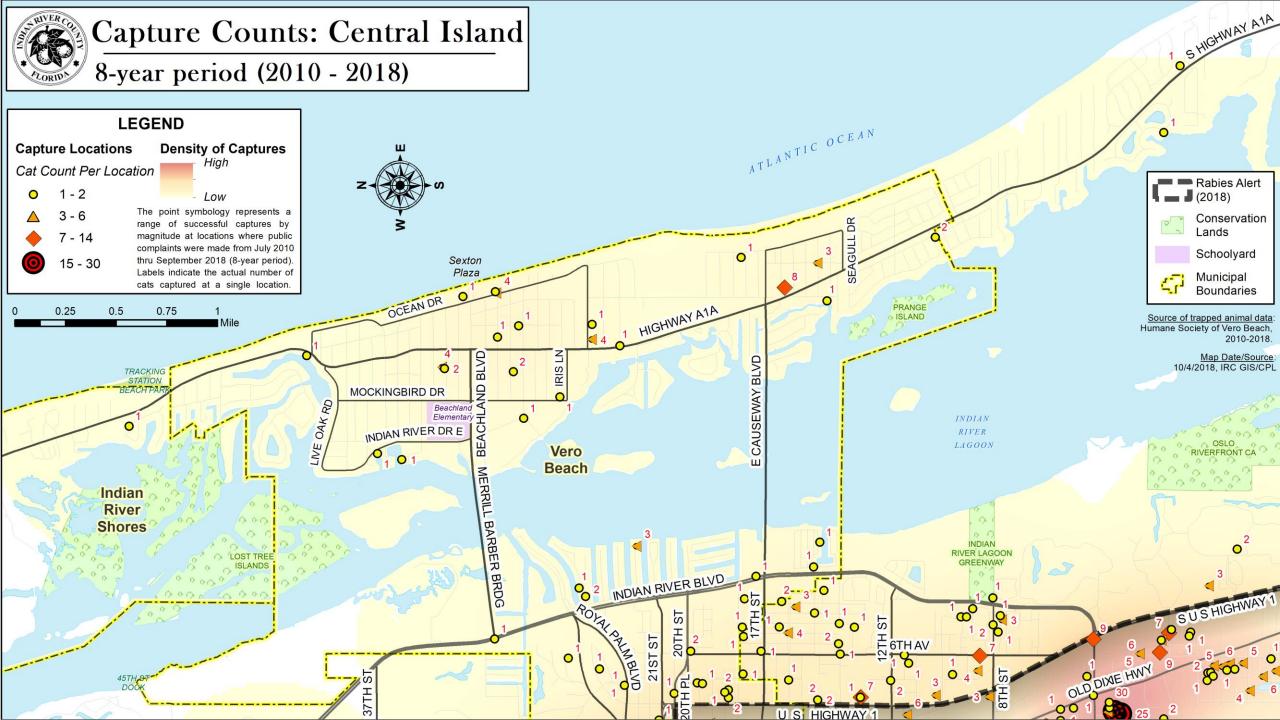






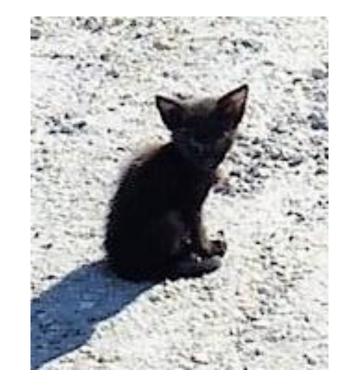






Possible Solutions Finding Common Ground

- Public Education
 - Prevent further abandonment
 - Educate cat owners value cats as indoor pets!
 - Educate feral cat feeders
- Policy Change
 - Strengthen ordinances
 - Properly fund animal control agencies & humane organizations
- Support Humane Alternatives to TNR
 - Increased adoption
 - Widespread low cost spay/neuter and vaccination clinics
 - Enclosed cat sanctuaries



Safe Solutions for Cats

- Outdoor enclosures (pet cats)
 - Cat-safe fencing
 - Catios
 - Free-standing enclosures
- Cat Sanctuaries
 - Unadoptable cats





Legal Authorities Florida Department of Health

Statute

- Chapter 381.0011(2), F.S. Control of communicable diseases, illness and hazards to health among humans and from animals to humans, and the general health...
- Chapter 386.01-386.051, F.S. Authority to require sanitary nuisance removal or abatement.

Administrative Code

 Chapter 64D-3.04, F.A.C. – Rabies control in domestic and wild animals according to *Rabies Prevention and Control* in *Florida*, and the recommendations of the Florida Rabies Advisory Committee.

Legal Authorities Indian River County Animal Control

Local Ordinances

- Animal restraint, rabies vaccination, licensure
- Animals as nuisances
- Animal cruelty
- Animal impoundment facilities
- Kennels definition and requirements