



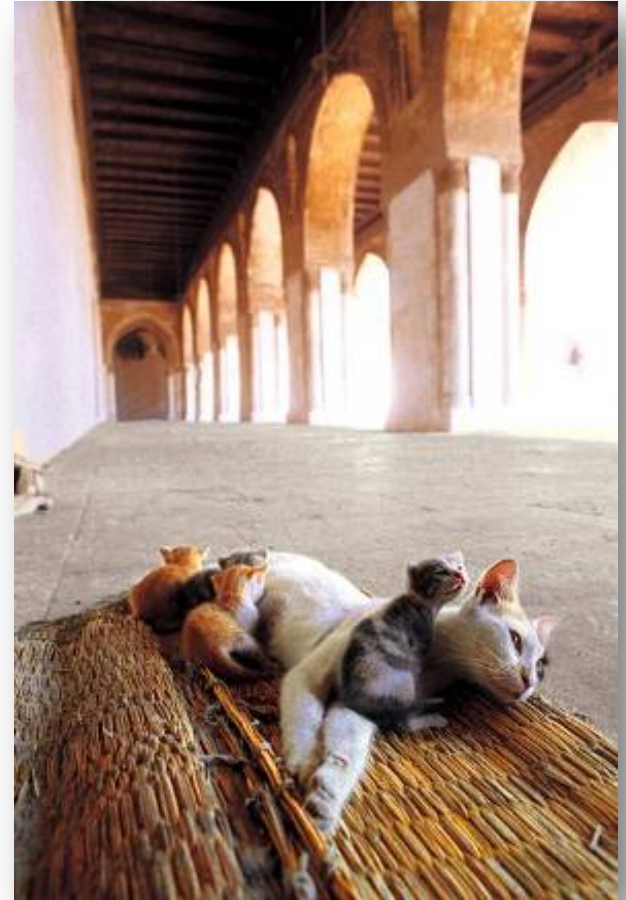
MANAGING CAT COLONIES



Dr. Julie Levy

Felis catus

- ❑ Cats may be the only species to domesticate themselves
- ❑ Have been living outdoors alongside human society for 10,000 years



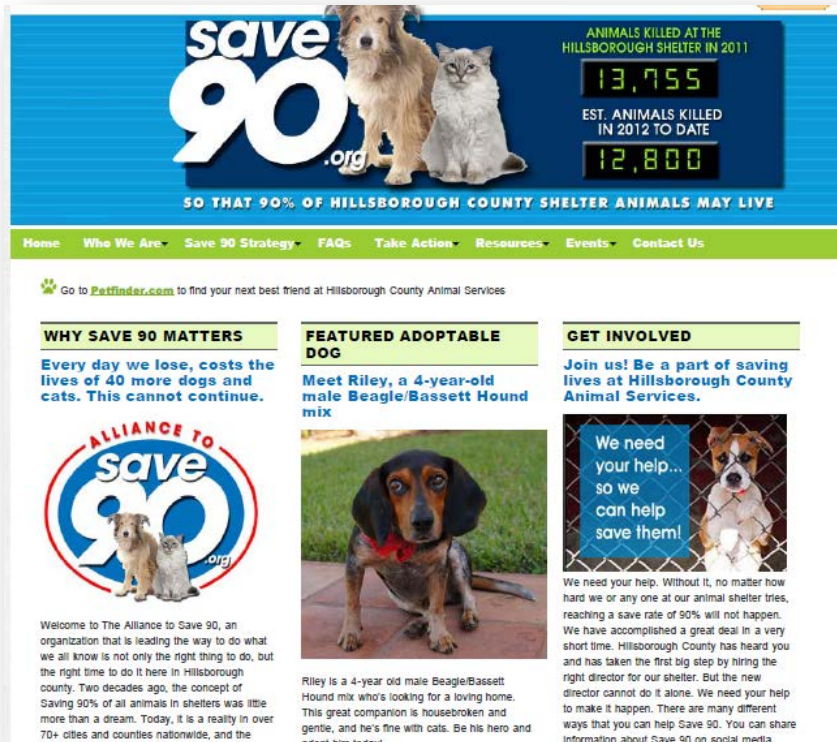
Where do cats come from?

	<u>Pet Cats</u>	<u>Community cats</u>
	79 million	79 million
Female	50%	50%
Sterilization rate	85%	2%
Litters/year	1.4	1.4
Live births/litter	3	3
Kittens born/year	25 million	166 million
Kitten survival	75%	25%
Live at 3 months	18 million	42 million

Community cats = most important source of cat overpopulation

Case study: Hillsborough County Florida

- Population: 1.3 million people
- Shelter intake: 20,500 dogs and cats
- Shelter euthanasia: 15,300 dogs and cats (75%)



save 90.org

ANIMALS KILLED AT THE HILLSBOROUGH SHELTER IN 2011
13,755

EST. ANIMALS KILLED IN 2012 TO DATE
12,800


SO THAT 90% OF HILLSBOROUGH COUNTY SHELTER ANIMALS MAY LIVE

Home Who We Are Save 90 Strategy FAQs Take Action Resources Events Contact Us

Go to [Petfinder.com](#) to find your next best friend at Hillsborough County Animal Services

WHY SAVE 90 MATTERS


Every day we lose, costs the lives of 40 more dogs and cats. This cannot continue.



Welcome to The Alliance to Save 90, an organization that is leading the way to do what we all know is not only the right thing to do, but the right time to do it here in Hillsborough County. Two decades ago, the concept of Saving 90% of all animals in shelters was little more than a dream. Today, it is a reality in over 70+ cities and counties nationwide, and the

FEATURED ADOPTABLE DOG


Meet Riley, a 4-year-old male Beagle/Basset Hound mix



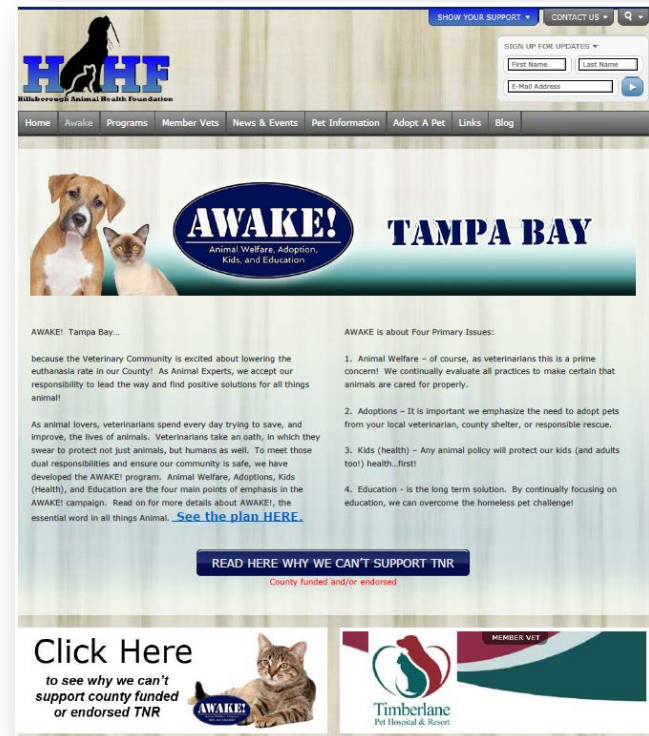
Riley is a 4-year old male Beagle/Basset Hound mix who's looking for a loving home. This great companion is housebroken and gentle, and he's fine with cats. Be his hero and adopt him today!

GET INVOLVED

Join us! Be a part of saving lives at Hillsborough County Animal Services.



We need your help. Without it, no matter how hard we or any one at our animal shelter tries, reaching a save rate of 90% will not happen. We have accomplished a great deal in a very short time. Hillsborough County has heard you and has taken the first big step by hiring the right director for our shelter. But the new director cannot do it alone. We need your help to make it happen. There are many different ways that you can help Save 90. You can share information about Save 90 on social media



HAWF
Hillsborough Animal Welfare Foundation

Home Awake Programs Member Vets News & Events Pet Information Adopt A Pet Links Blog

SHOW YOUR SUPPORT CONTACT US

SIGN UP FOR UPDATES
First Name Last Name
E-Mail Address

AWAKE! TAMPA BAY

Animal Welfare, Adoption, Kids, and Education

AWAKE! Tampa Bay...

AWAKE is about Four Primary Issues:


1. Animal Welfare - of course, as veterinarians this is a prime concern! We continually evaluate all practices to make certain that animals are cared for properly.
2. Adoptions - It is important we emphasize the need to adopt pets from your local veterinarian, county shelter, or responsible rescue.
3. Kids (health) - Any animal policy will protect our kids (and adults too!) health...first!
4. Education - is the long term solution. By continually focusing on education, we can overcome the homeless pet challenge!

because the Veterinary Community is excited about lowering the euthanasia rate in our County! As Animal Experts, we accept our responsibility to lead the way and find positive solutions for all things animal!

As animal lovers, veterinarians spend every day trying to save, and improve, the lives of animals. Veterinarians take an oath, in which they swear to protect not just animals, but humans as well. To meet those dual responsibilities and ensure our community is safe, we have developed the AWAKE! program. Animal Welfare, Adoptions, Kids (Health), and Education are the four main points of emphasis in the AWAKE! campaign. Read on for more details about AWAKE!, the essential word in all things Animal. [See the plan HERE.](#)

READ HERE WHY WE CAN'T SUPPORT TNR
County funded and/or endorsed

Click Here
to see why we can't support county funded or endorsed TNR

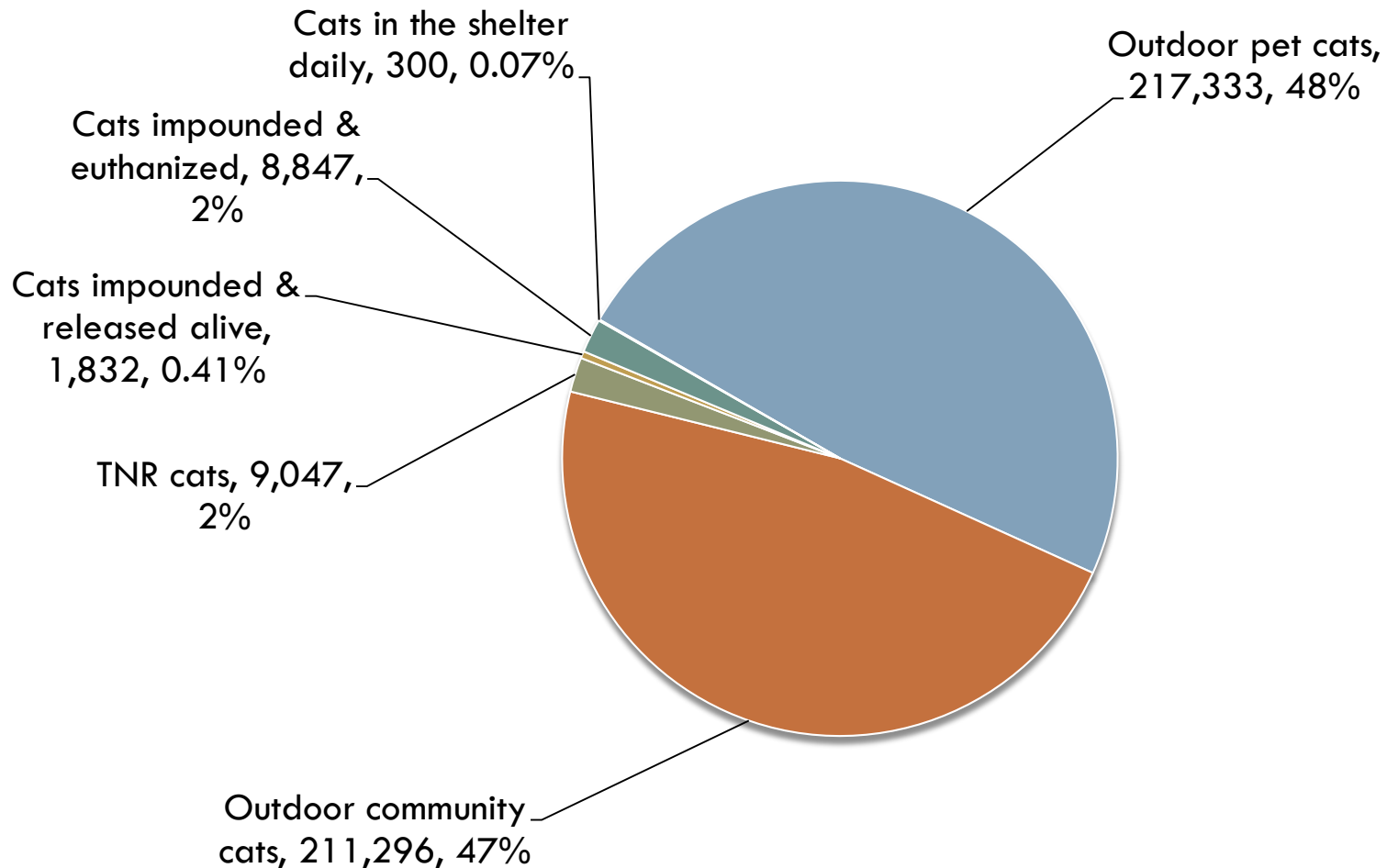


AWAKE!

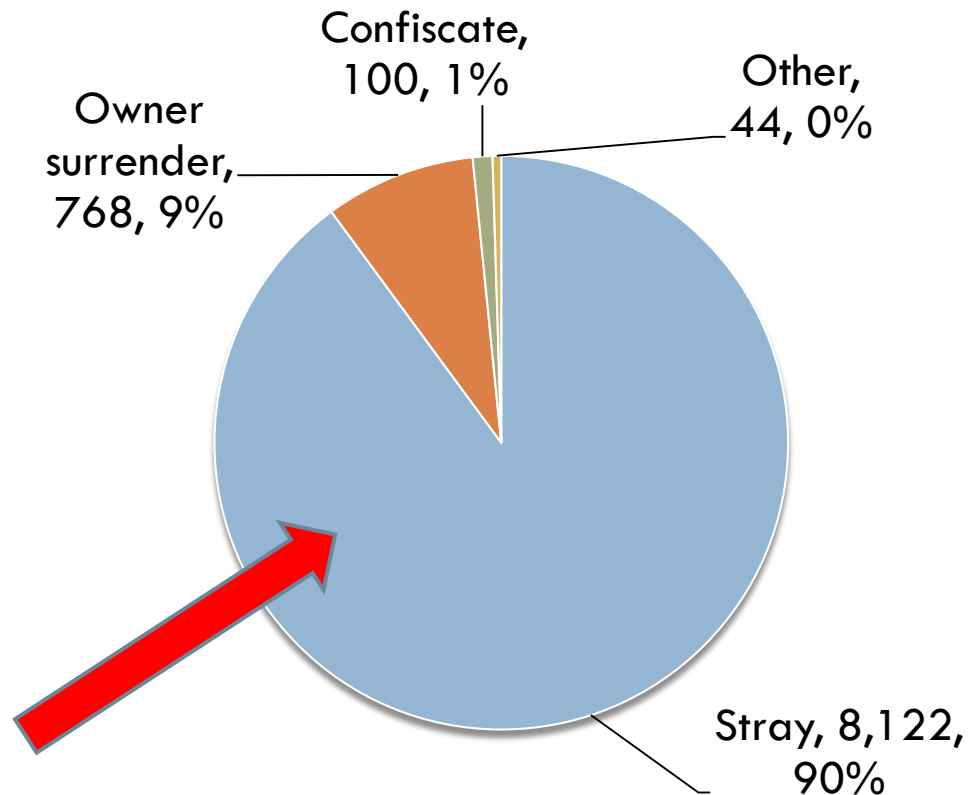
Timberlane
Pet Hospital & Resort

MEMBER VET

Outdoor cats in Hillsborough County



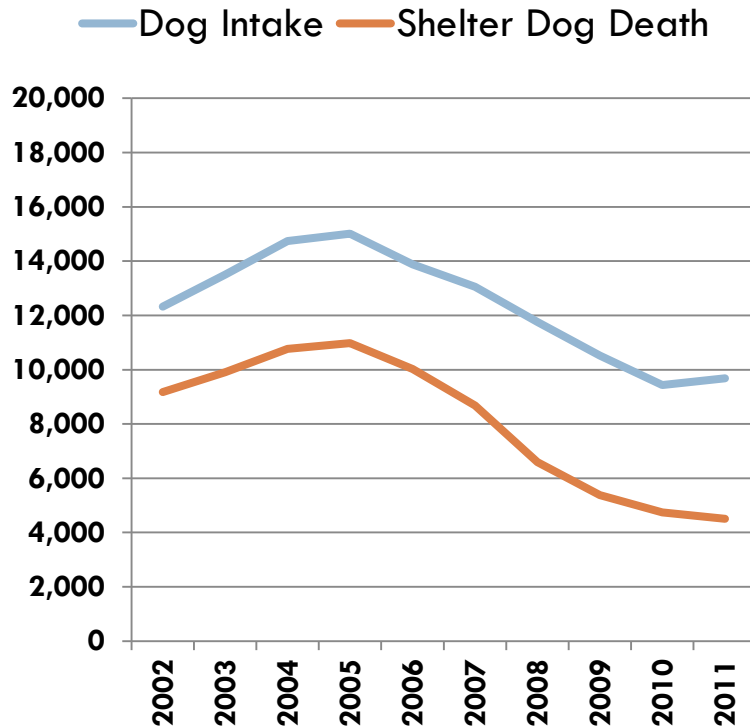
Sources of cat intake in 2012



Stray cats are the single largest source of shelter animal intake

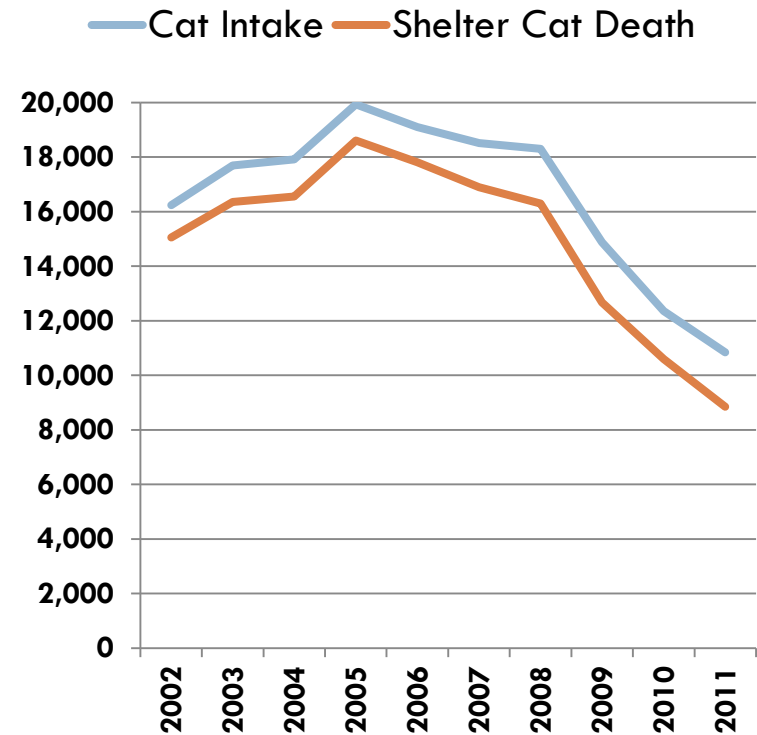
Outcome for impounded animals

Dogs



5/10 dogs left alive

Cats



<2/10 cats left alive

In 2011:

Public support for community cats

- Feeding unowned community cats is a common activity
 - ▣ Alachua County FL: 12% of households fed cats they did not own (Centonze JAVMA 2002)
 - ▣ Santa Clara County CA: 10% of households (Johnson 1993 CFA)
 - ▣ San Diego County CA: 9% of households (Johnson 1995)
 - ▣ Massachusetts: 8% of households (Manning Anthrozoos 1992)
 - ▣ Ohio: 26% of households (Lord JAVMA 2008)
 - ▣ Victoria Aust: 22% of households (Toukhatsati Anthrozoos 2001)
- About 50% of community cat feeders do not own cats

Community cat management

- Improving welfare of individual cats
- Reducing negative impacts of cats on residents, public health, and environment
- Decreasing cat populations in colonies, neighborhoods, communities
- Decreasing shelter cat intake
- Decreasing shelter cat euthanasia



Predicting Support for Cat Management: Stakeholder Perceptions, Attitudes & Beliefs

Dara Wald, University of Florida
Department of Wildlife Ecology and Conservation

Study objectives

- Identify the situational, affective and demographic variables contributing to support for management type
 - ▣ What variables predict attitudes toward cats?
 - ▣ How do these antecedents vary between stakeholder groups?
 - ▣ What variables predict stakeholder support for cat management?

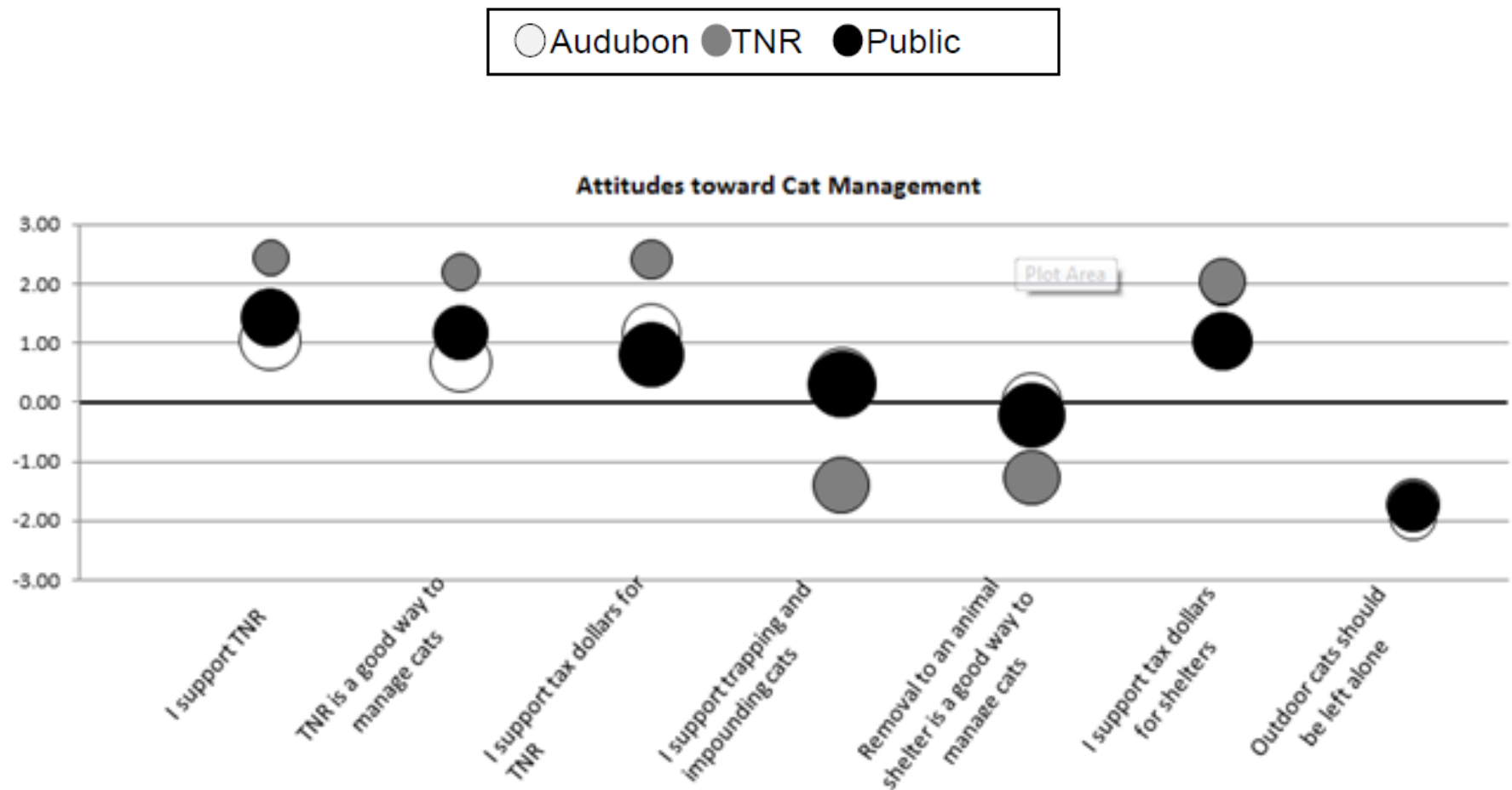
Survey participants

- Recruited stakeholder groups in 4 Florida counties with both active TNR groups and Audubon Society chapters
- Mail-back survey to randomly selected members of stakeholder groups
 - ▣ TNR participants (n=361)
 - ▣ Audubon Society members (n=384)
 - ▣ Public (n=618)

Survey topics

- Survey items
 - “outdoor cats”
 - No distinction between owned and unowned
- 18 items
 - Experiences
 - Beliefs and attitudes about cats
 - Population perceptions
 - Risk/benefit perceptions
 - Native/exotic status
 - Attitudes about cat management
 - Worldviews

Human dimensions of outdoor cats





Nonlethal colony
management for
sustained reduction
of cat populations:
TNR & adoption

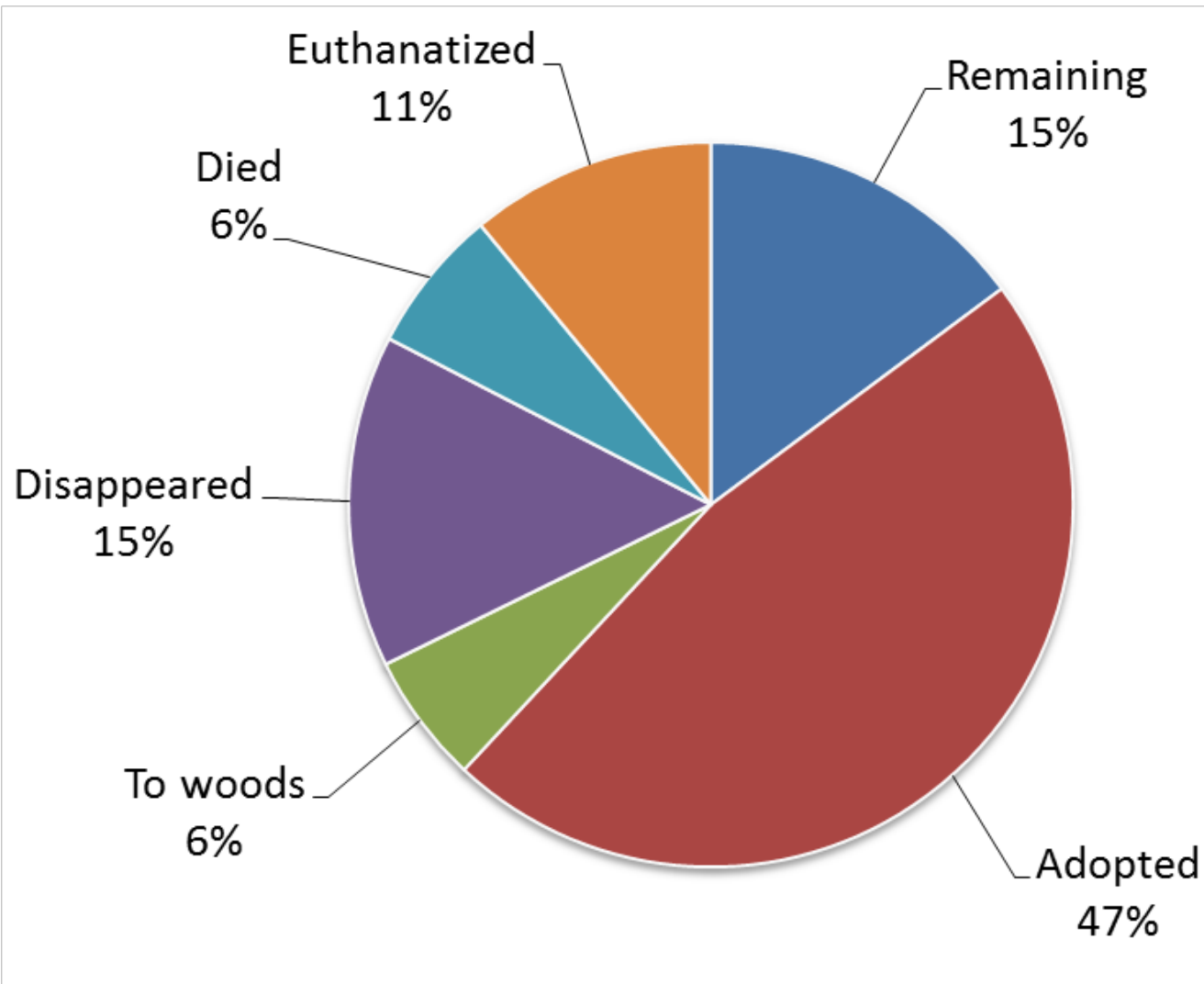
University of Central Florida

University of Central Florida

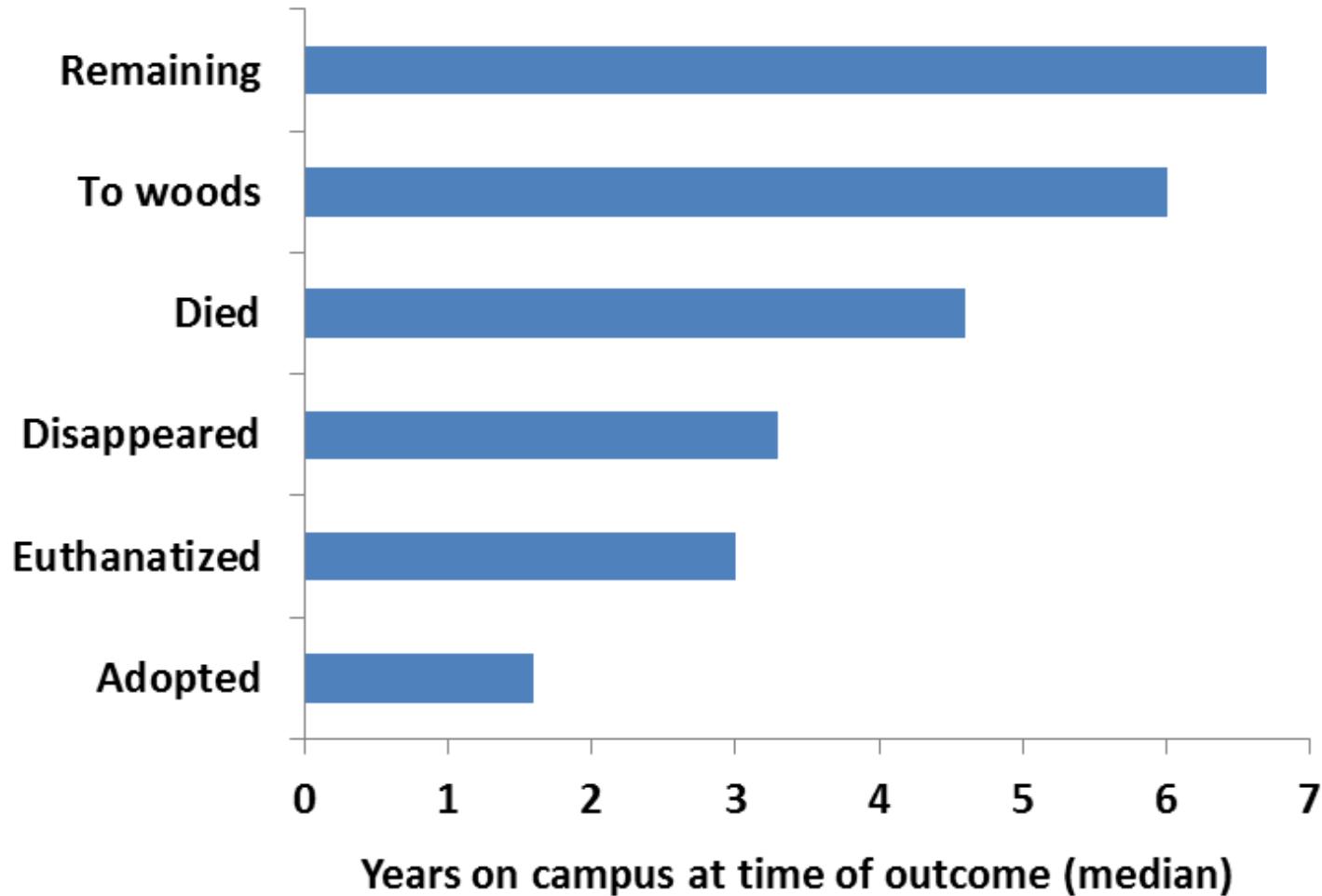
- 1,415 acres
- 38,000 students and staff
- Campus authorities considered free-living cats a nuisance and conducted trap/removal campaigns
- Students and employees fed the cats and interfered with removal campaigns
- TNR program started in 1991
- Data analyzed for 155 cats 1991-2002



Cat outcomes (n=155)

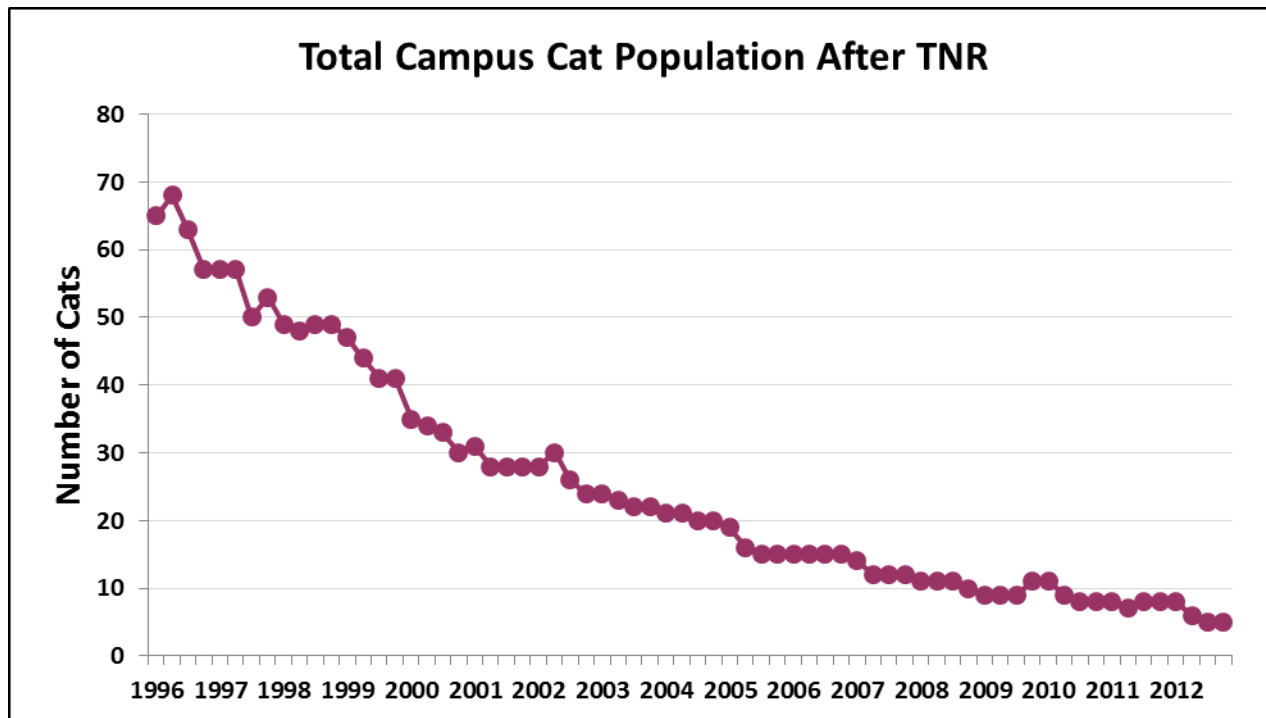


Duration on campus (n=155)

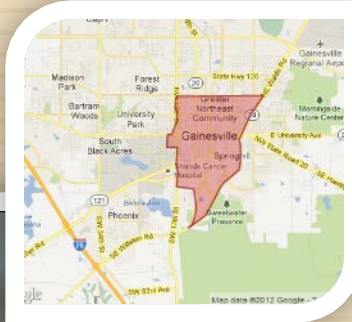


University of Central Florida

- Population declined from 68 cats in 1996 to 5 cats in 2012



(Levy JAVMA 2003)

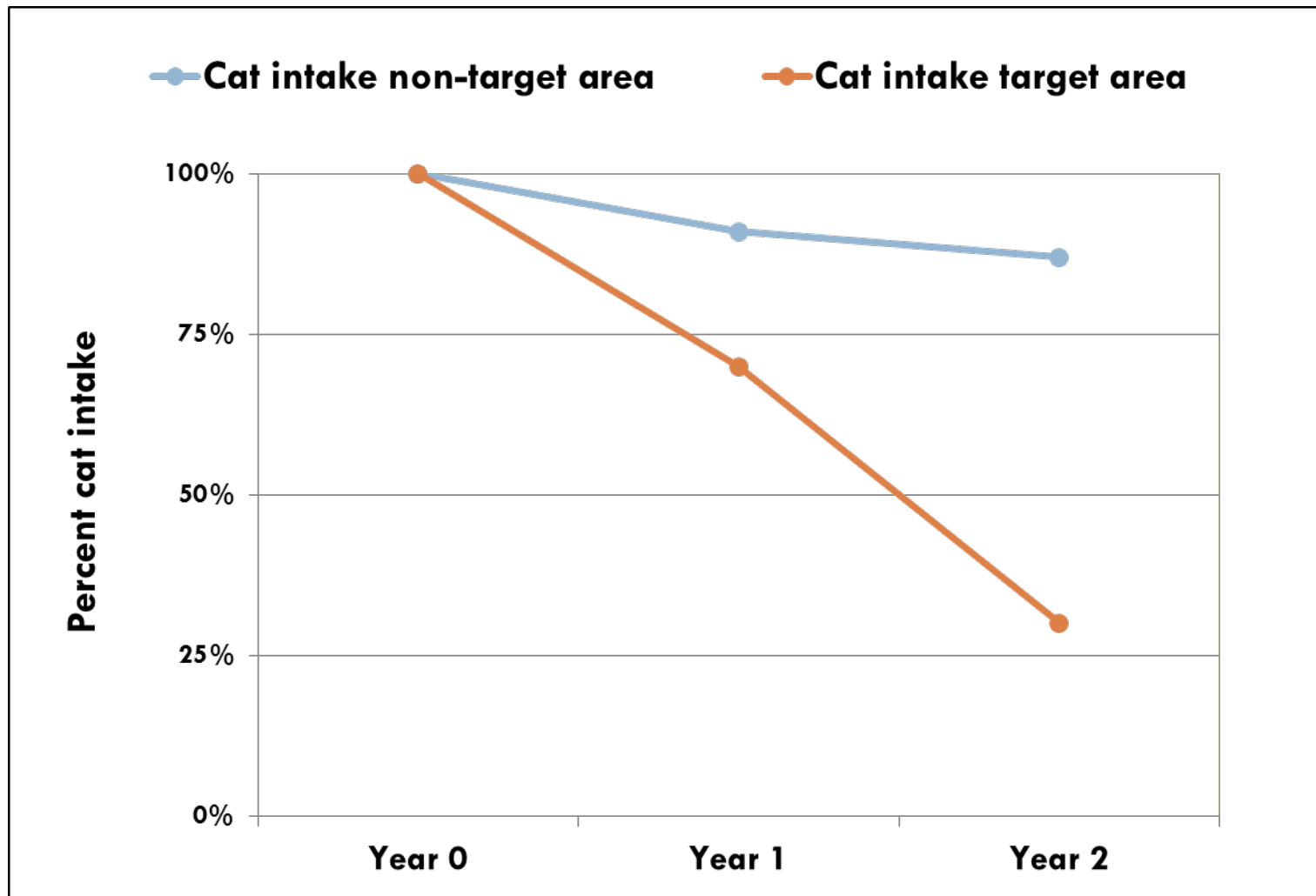


Decreasing cat intake in animal shelters

Gainesville zip code 32601

Alachua County, Florida

- Maddie's Fund zip code project *(Levy 2010)*
 - ▣ Targeted TNR for community cats in a zip code that was a major source of cats for the county municipal shelter
 - 2226 cats (~55% of the cats residing in the targeted zip code)
 - TNR, adoption, and complaint mediation for 2 years
 - Measured effect on number of cats impounded from this zip code compared to other zip codes



68% decrease in cat intake from the targeted zip code compared to **13%** from other zip codes



Decreasing
euthanasia of
feral cats in
shelters

First Coast No More Homeless Pets

“The Year of Big Solutions”

- Feral Freedom, August 2008
 - ▣ Partnership between a nonprofit TNR group and the county municipal shelter to reduce cat intake and euthanasia
 - ▣ Funding from Best Friends Animal Society
 - ▣ All feral cats that come into JACPS are turned over to FCNMHP for TNR
 - ▣ Targets nuisance cats in the community



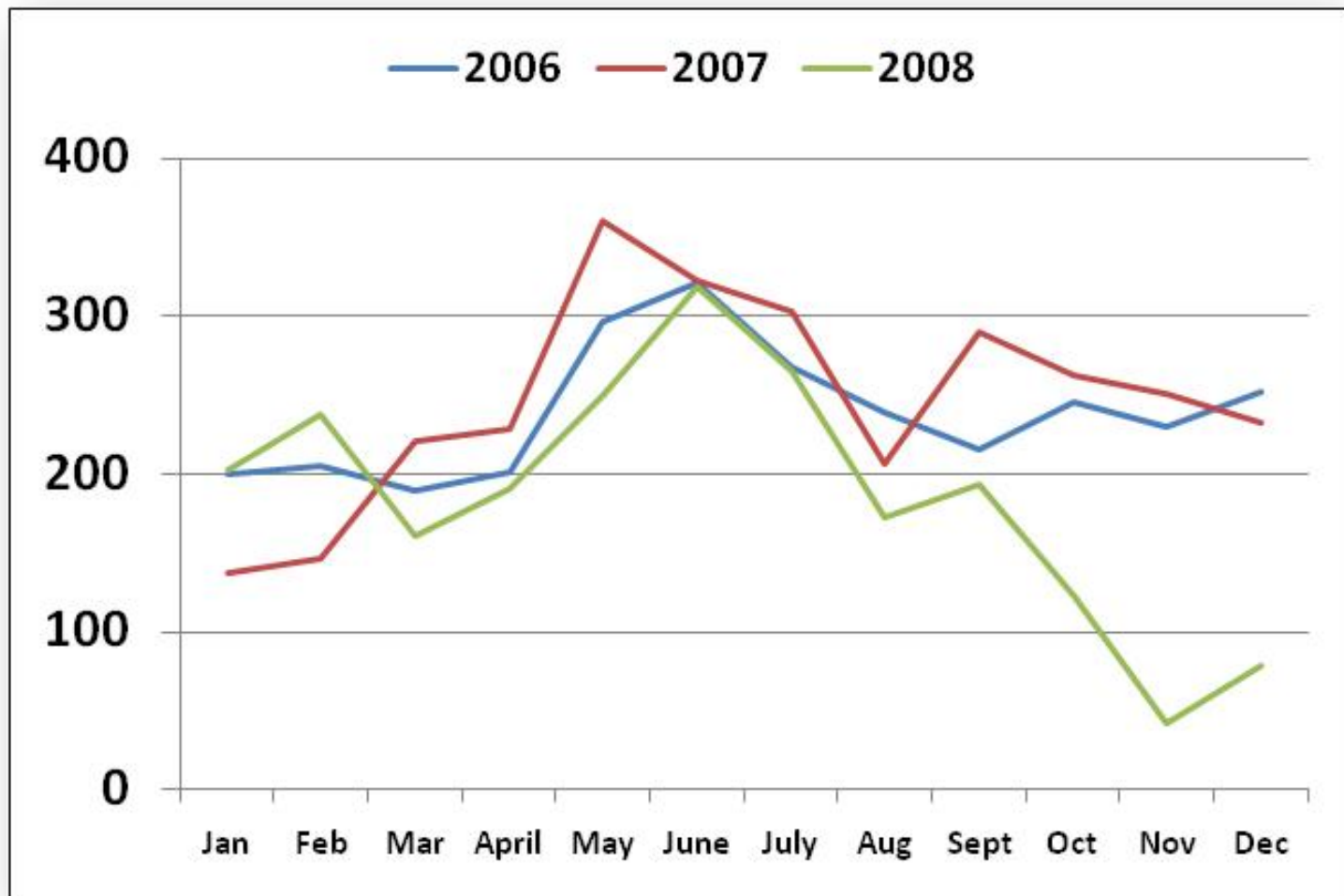
By the numbers

2008-2011

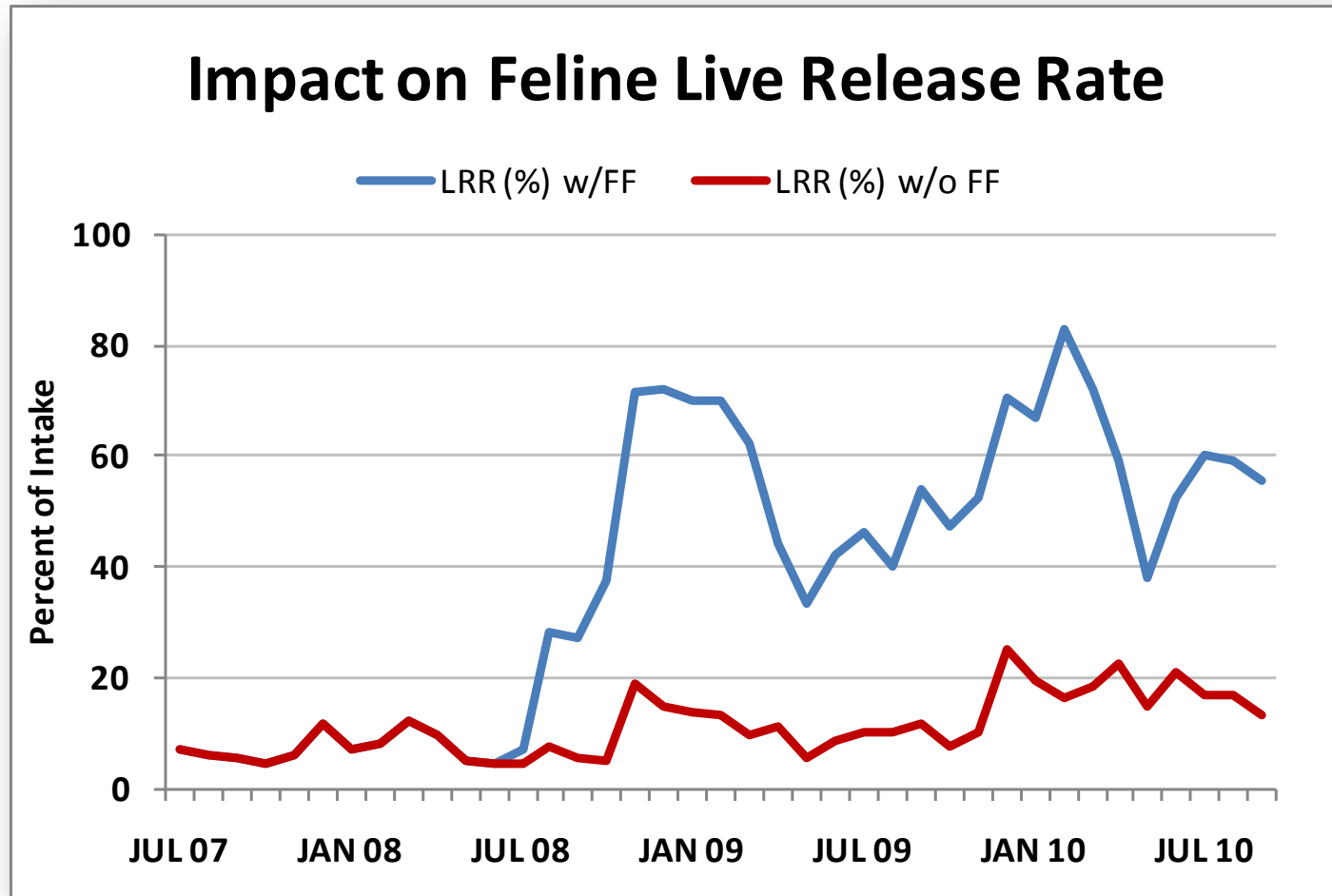
- 15,274 cats transferred
- 958 sent to rescue
- 174 euthanized
- 954 trapped more than once
- 59% decrease in adult feline euthanasia and 19% for kittens at JACPS



Shelter crowd control



Saving lives



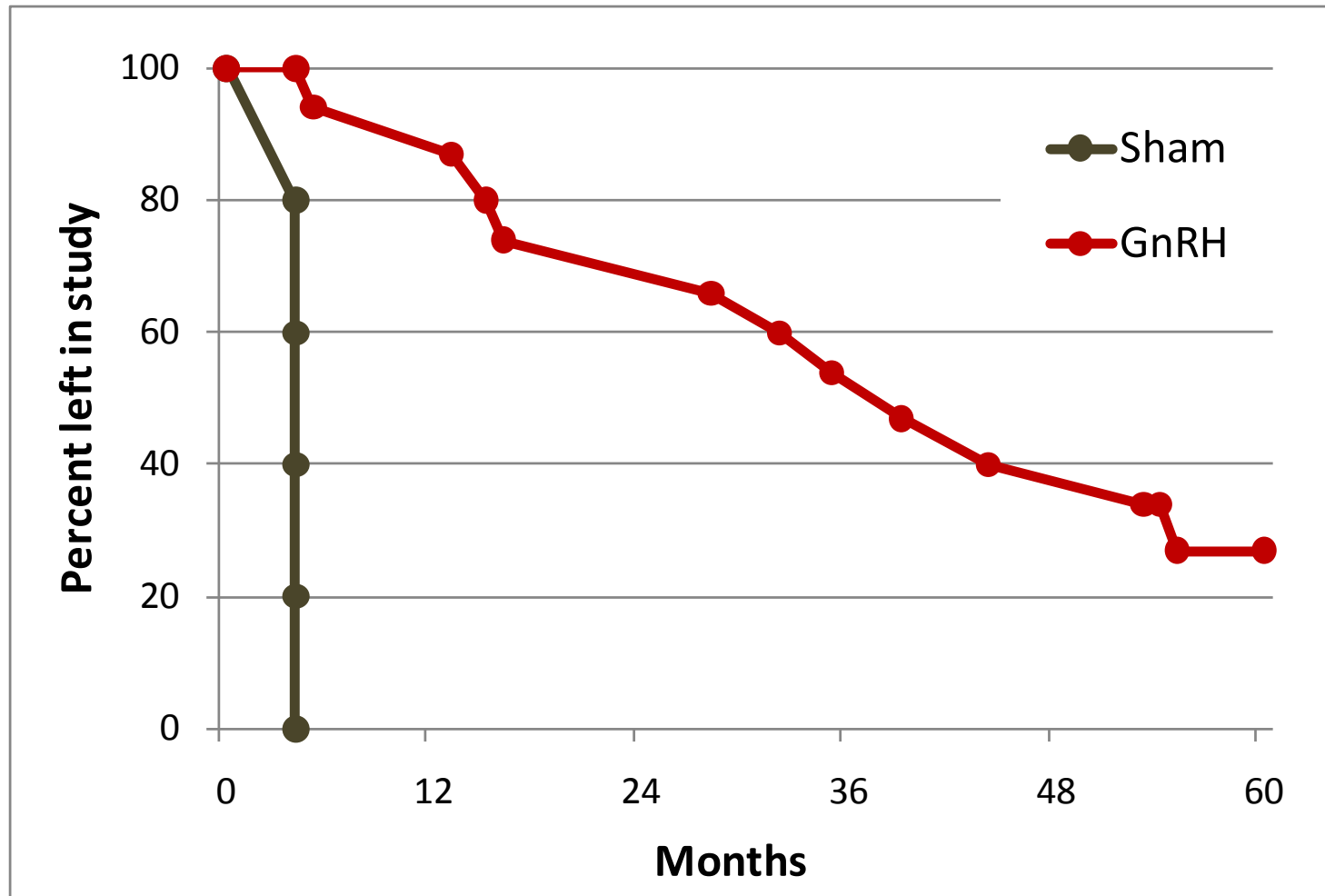


The future of fertility control for humane cat management

Sterilization vaccines



Duration of contraception following single-dose GnRH vaccine in female cats



Alliance for Contraception in Cats & Dogs



imagine...
preventing unwanted litters without surgery

5th International Symposium Non-Surgical Contraceptive Methods of Pet Population Control

June 20-22, 2013

Portland, Oregon, U.S.

UF Maddie's® Shelter
Medicine Program
College of Veterinary Medicine
UNIVERSITY of FLORIDA

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The Pet Rescue Foundation

Maddie's® Shelter Medicine Program is underwritten by a grant from Maddie's Fund®, The Pet Rescue Foundation (www.maddiesfund.org), helping to fund the creation of a no-kill nation.