



Ethylene Oxide (EtO) Update and Animal Care and Control Potential Breeder Regulations

Lake County Board of Health
April 24, 2019

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Ambient Air Ethylene Oxide Sampling Plan for Lake County

- Two ethylene oxide (EtO) emission sites exist in Lake County
 - Medline Industries in Waukegan
 - ✓ Uses EtO to sterilize medical equipment
 - Vantage Specialty Chemicals in Gurnee
 - ✓ Uses EtO in the production of other chemicals or additives
- USEPA and IEPA have indicated they will not perform air testing in Lake County
- Cooperative effort is underway to collect ambient air samples among Lake County, Gurnee and Waukegan
 - Lake County Health Department will manage the project

Ambient Air Ethylene Oxide Sampling Plan for Lake County

- All requirements and parameters of the project and sampling plan are being developed in coordination and consultation with USEPA
- 4 sample sites around each location at a minimum (USEPA modeling may identify more)
- 2 remote locations will also be selected to help establish background levels

Ambient Air Ethylene Oxide Sampling Plan for Lake County

- Exact location of the sites will be established by USEPA based on modeling to assure the validity of the data
- Current proposal calls for 1-in-3 (every third day) sampling for 30 days at each sampling site
 - Total of at least 100 samples
- The goal of the collection of this data is to provide to partner State (e.g., IDPH) and federal agencies (e.g., ATSDR) to develop risk assessments and a cancer incidence rate report to inform the people of Lake County of the risks and potential risks to their health

Ambient Air Ethylene Oxide Sampling Plan for Lake County

Questions?

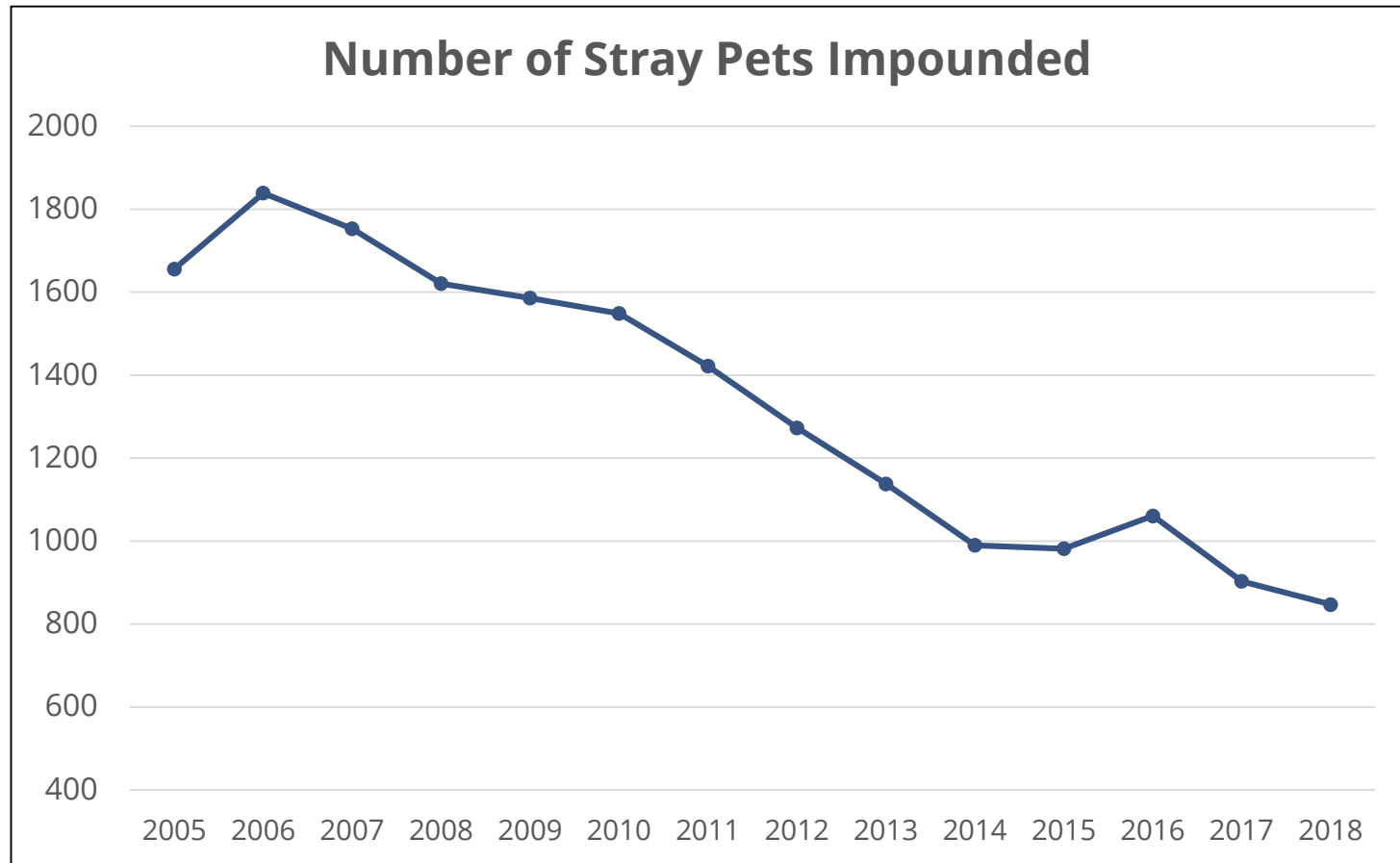
Exploring the Need for a Lake County Pet Breeder License: *Go Humane Lake County (GHLC) Request*

- GHLC, a group of *“concerned citizens, advocates, rescuers, and tax payers united behind a humane cause”* is urging Lake County to adopt ordinance requirements for a pet breeder license
 - GHLC drafted and provided a model ordinance for consideration
- GHLC’s goal is to *“end the **pet overpopulation** in our communities”*
- GHLC is concerned that the *“**ever-increasing** amount of homeless pets is a burden on the tax payers of Lake County, and a humane issue for our communities”*

Exploring the Need for a Lake County Pet Breeder License: *Current Regulations*

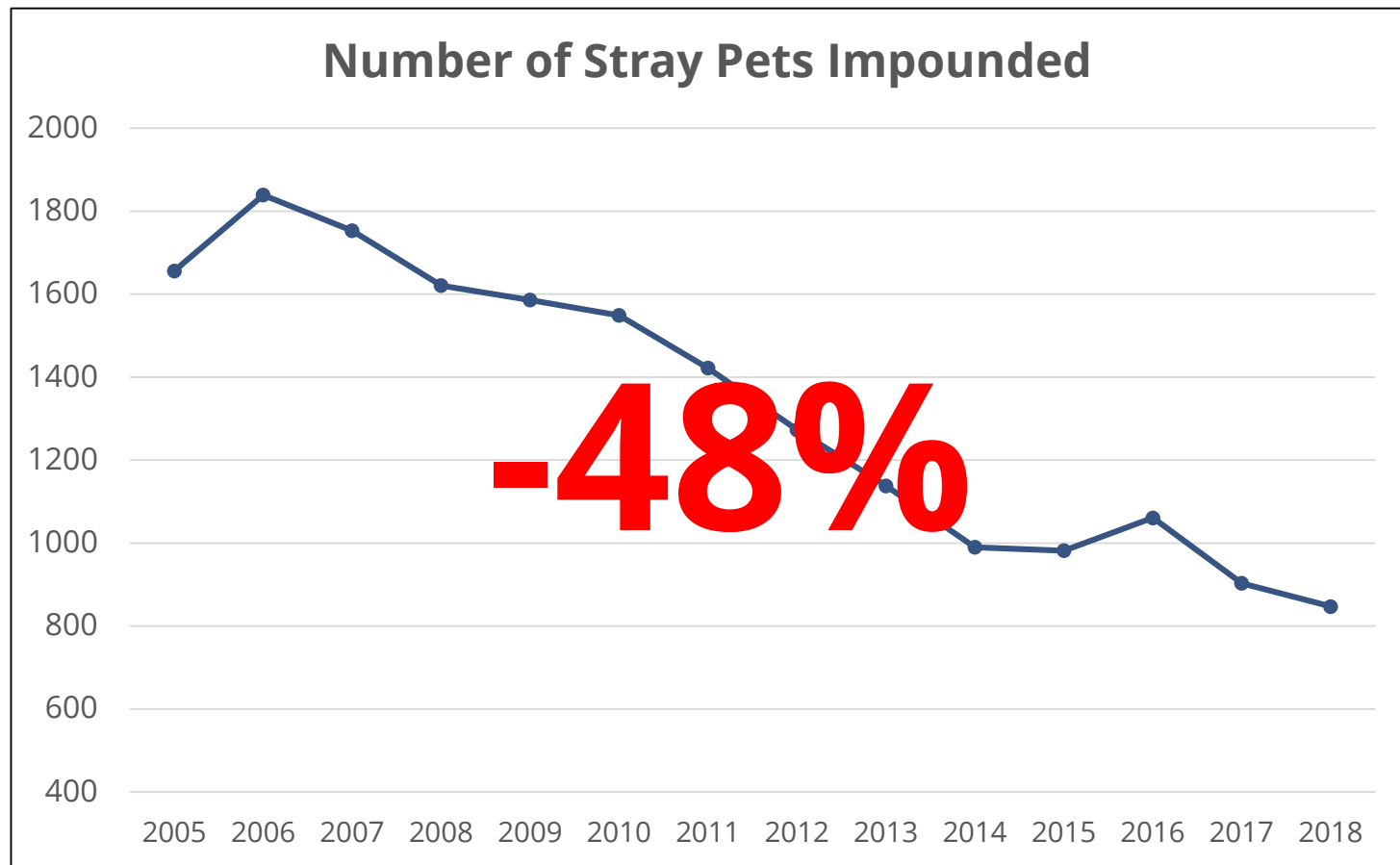
- Breeders are currently licensed and regulated by the Illinois Department of Agriculture (IDOA), but **only** when they have ***more than 5 female dogs or cats that are “capable of reproduction”***
- “Hobby” and “Backyard” breeders who have 5 or fewer females are not regulated by IDOA
- Chapter 172 of the Lake County Code of Ordinances limits the number of dogs and cats a person may have to 4 of each, however animals 6 months of age and younger are exempt from the requirement

Exploring the Need for a Lake County Pet Breeder License: *Unwanted Pets*



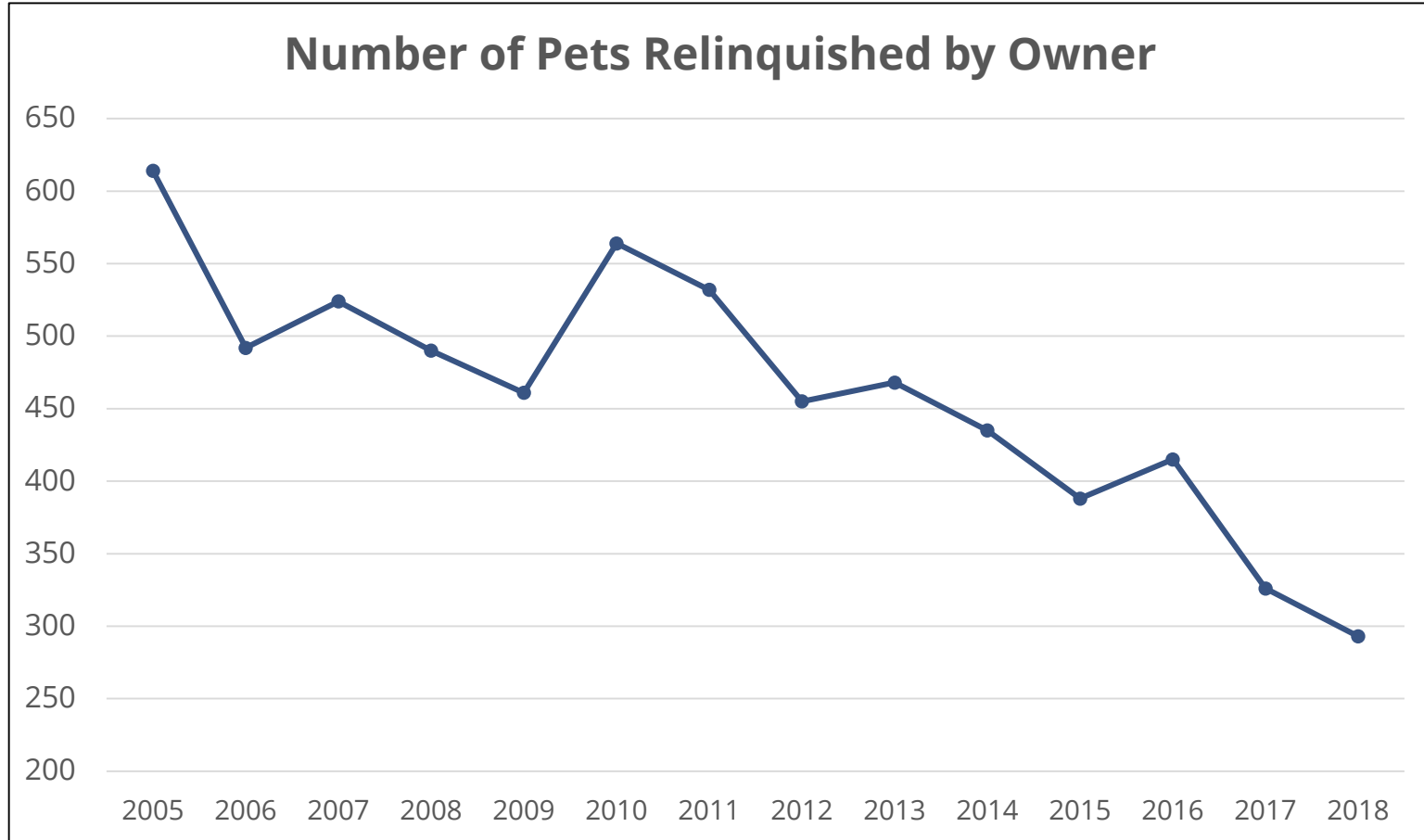
Exploring the Need for a Lake County Pet Breeder License:

Unwanted Pets



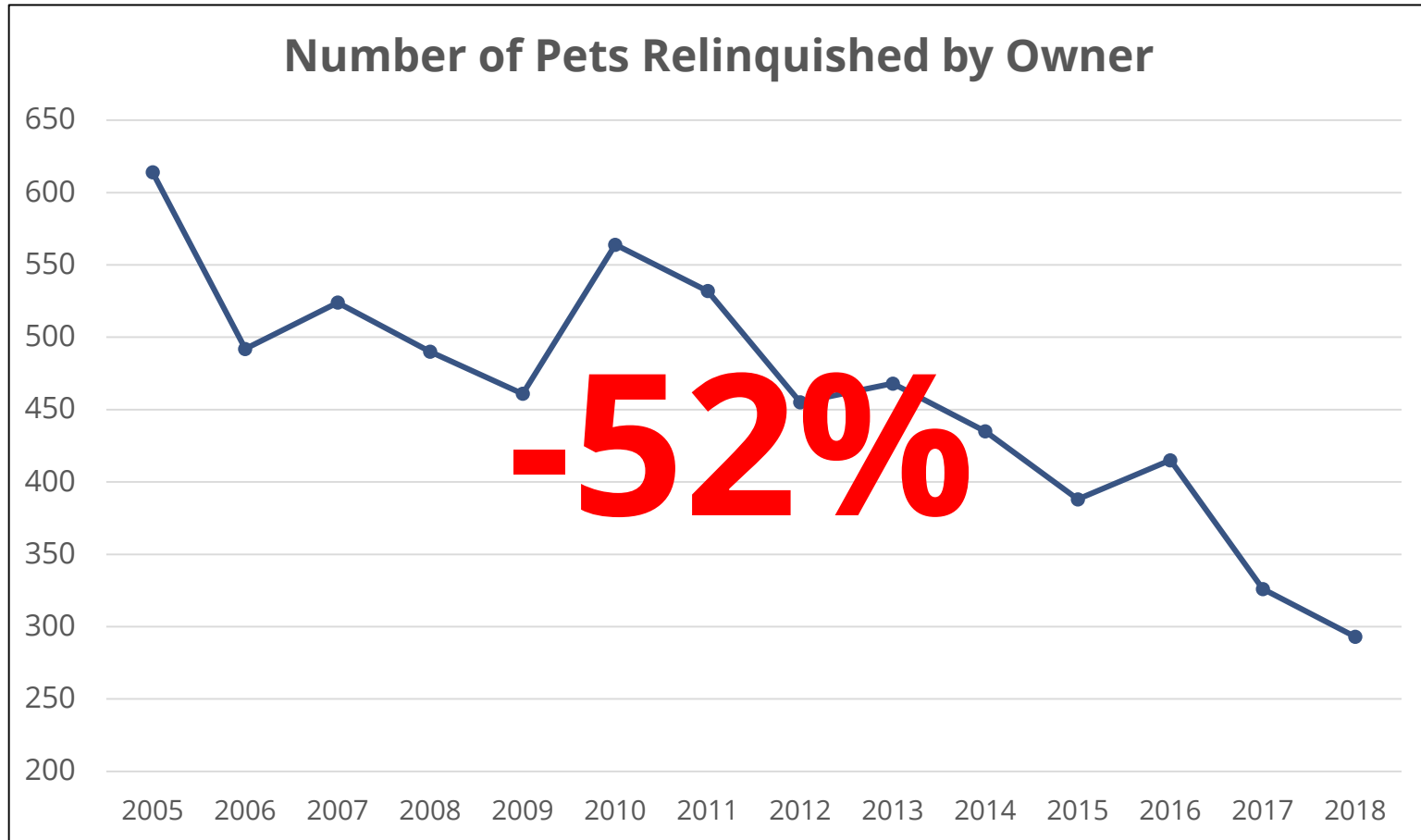
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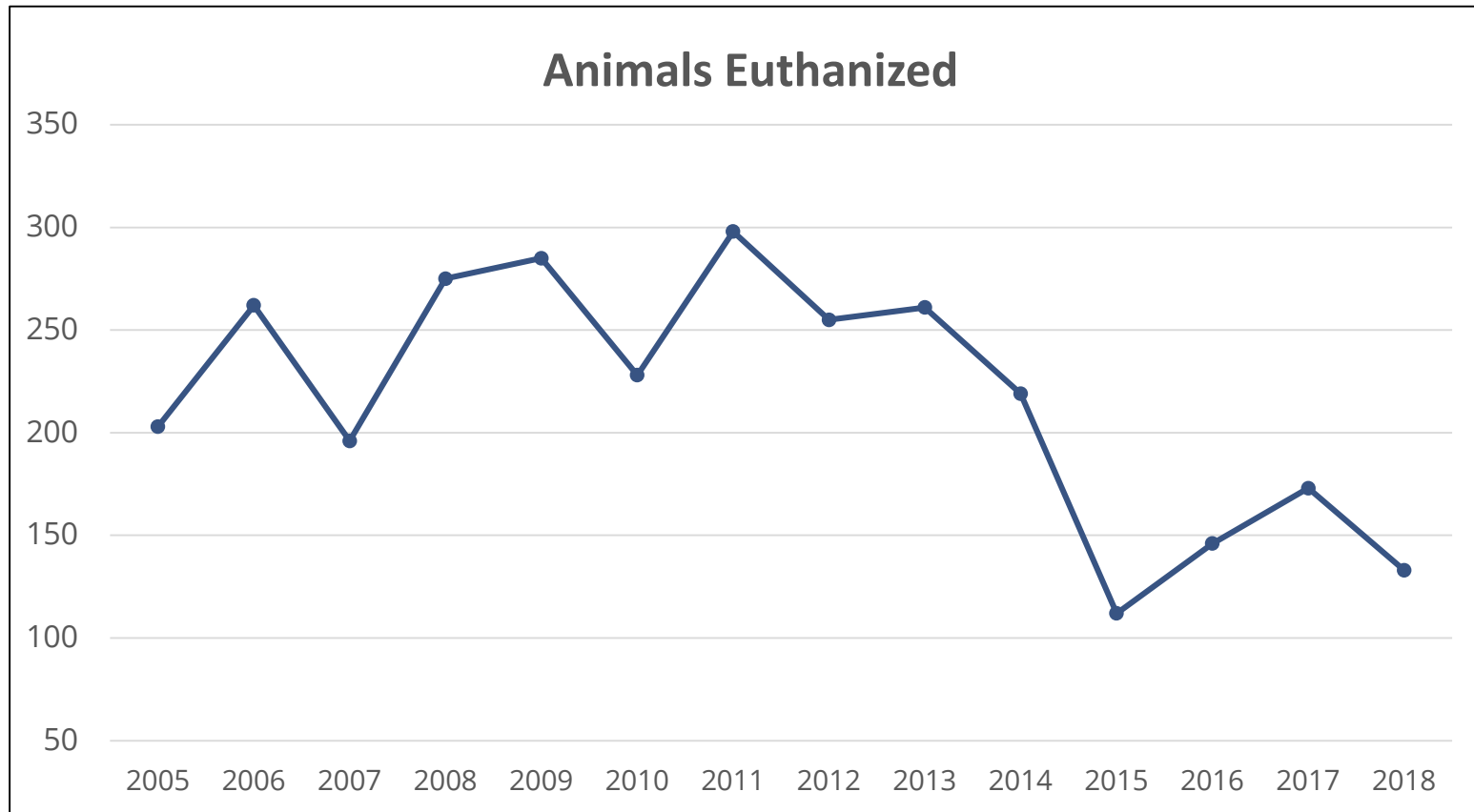
Exploring the Need for a Lake County Pet Breeder License:

Unwanted Pets



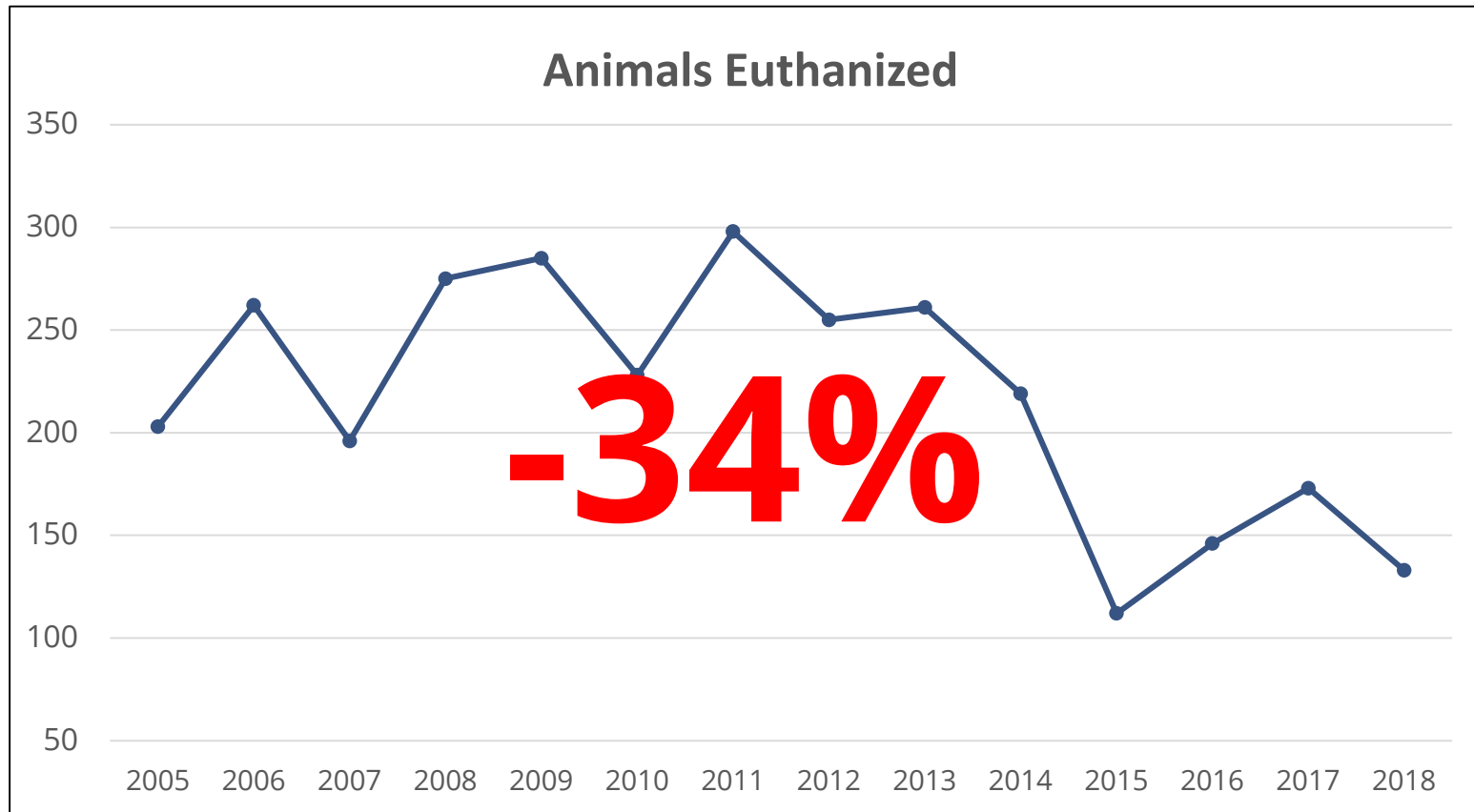
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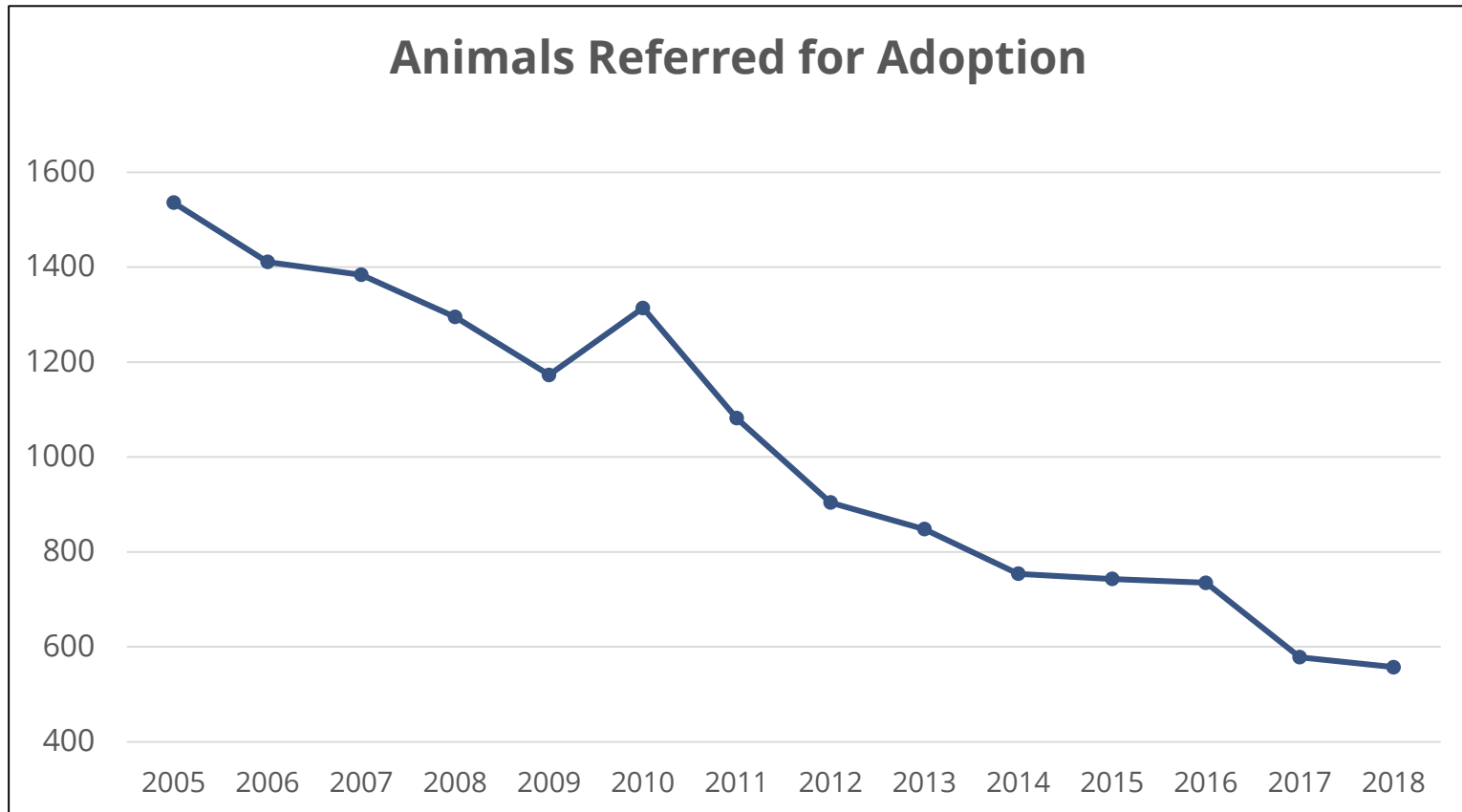
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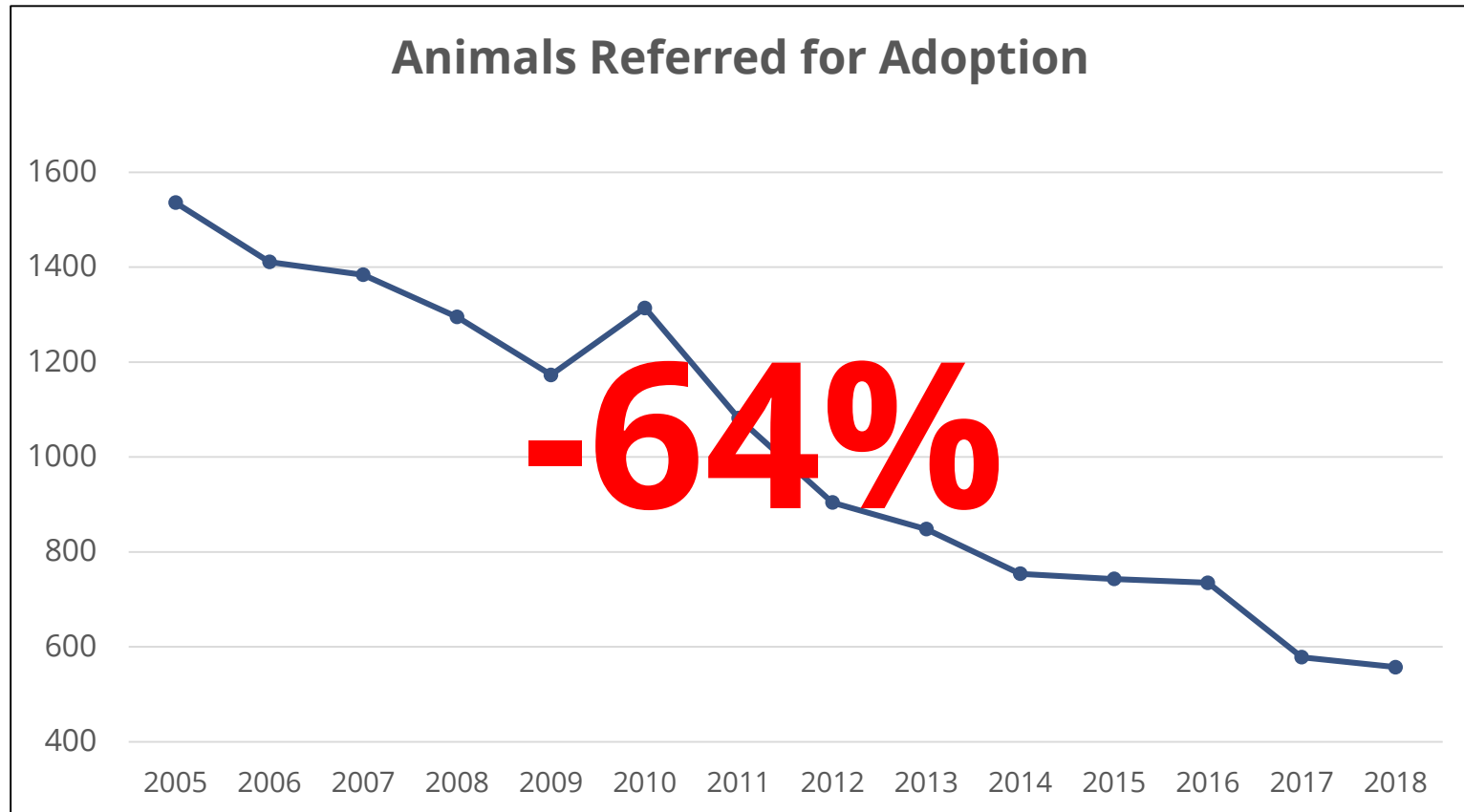
Exploring the Need for a Lake County Pet Breeder License:

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Exploring the Need for a Lake County Pet Breeder License:

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Exploring the Need for a Lake County Pet Breeder License: *Effectiveness*

- “Reputable hobby breeders” seem most likely to comply with the license requirement, though these breeders are not the primary target of the regulation
 - They would however, through their organizations, strongly object to a license requirement
- “Backyard breeders” would very likely **not** voluntarily comply with the license requirement
- The license and violation requirements would also apply to pet owners whose dogs or cats have an ***unplanned or unexpected litter*** that they wish to sell
- Many provisions in the GHLC proposed ordinance are vague and/or unenforceable

Exploring the Need for a Lake County Pet Breeder License:

Next Steps

- We are currently working with GHLC, with input from representatives of the American Kennel Club, on ordinance provisions that affect breeders that are cited for poor conditions or care of their animals
 - All animals, regardless of age, would count toward the pet limit
 - Fines could be assessed for each animal that is the offspring of the other owned animal(s)
 - These potential regulations could present a substantial financial disincentive for irresponsible breeders



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