

# Research Facility Annual Reports on Animal Usage

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SACATM Meeting  
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# Annual Report History

- 1966 Laboratory Animal Welfare Act authorized inspections
- Amended in December 1970; required annual report from research facilities
- 1973 USDA published first compilation

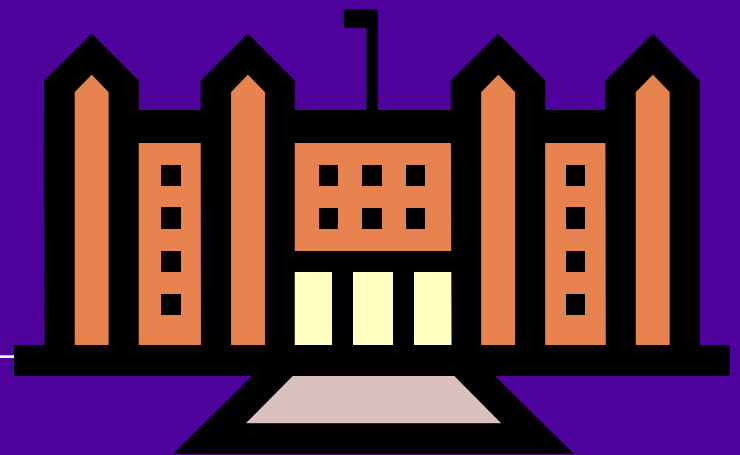


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# Annual Report

- Registered research facilities
- Department, agency or instrumentality of the United States
- Using “live animals” in research, tests, experiments or for teaching



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# Category History

- PL 91-579 (December 1970)
- Proposed Rule (1971): Number of experiments conducted involving necessary pain or **anxiety** to the animals without the use of an appropriate anesthetic, analgesic or tranquilizing drug, and a brief statement explaining the reasons for the same



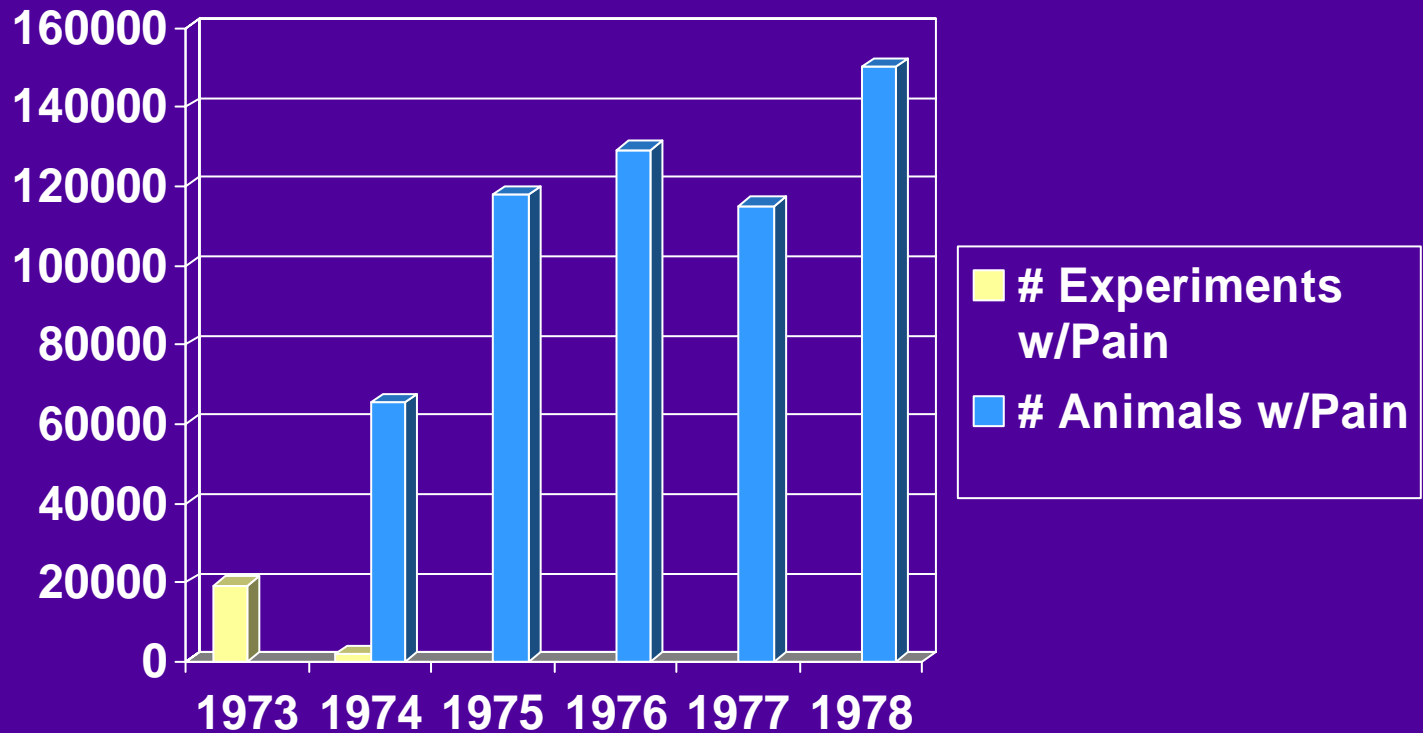


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# Category History

- Final Rule (December 1971): Number of experiments conducted involving **necessary pain or distress** to the animals without the use of an appropriate anesthetic, analgesic or tranquilizing drug and a brief statement explaining the reasons for the same; Provided, however, that routine procedures (e.g., injections, tattooing, and blood sampling) do not need to be reported
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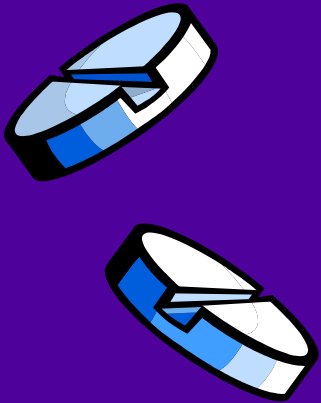
# Early Reports





# Early Reports

- 1973-77: “Almost all instances of unrelieved pain occurred during research, development or quality control of medicines and other health and cosmetic products. Such tests are required by law to keep products safe, pure and effective. Other occasions for unrelieved pain were safety tests that protect users of chemical products, and experiments involving electroanesthesia, mild electric shock or decompression.”





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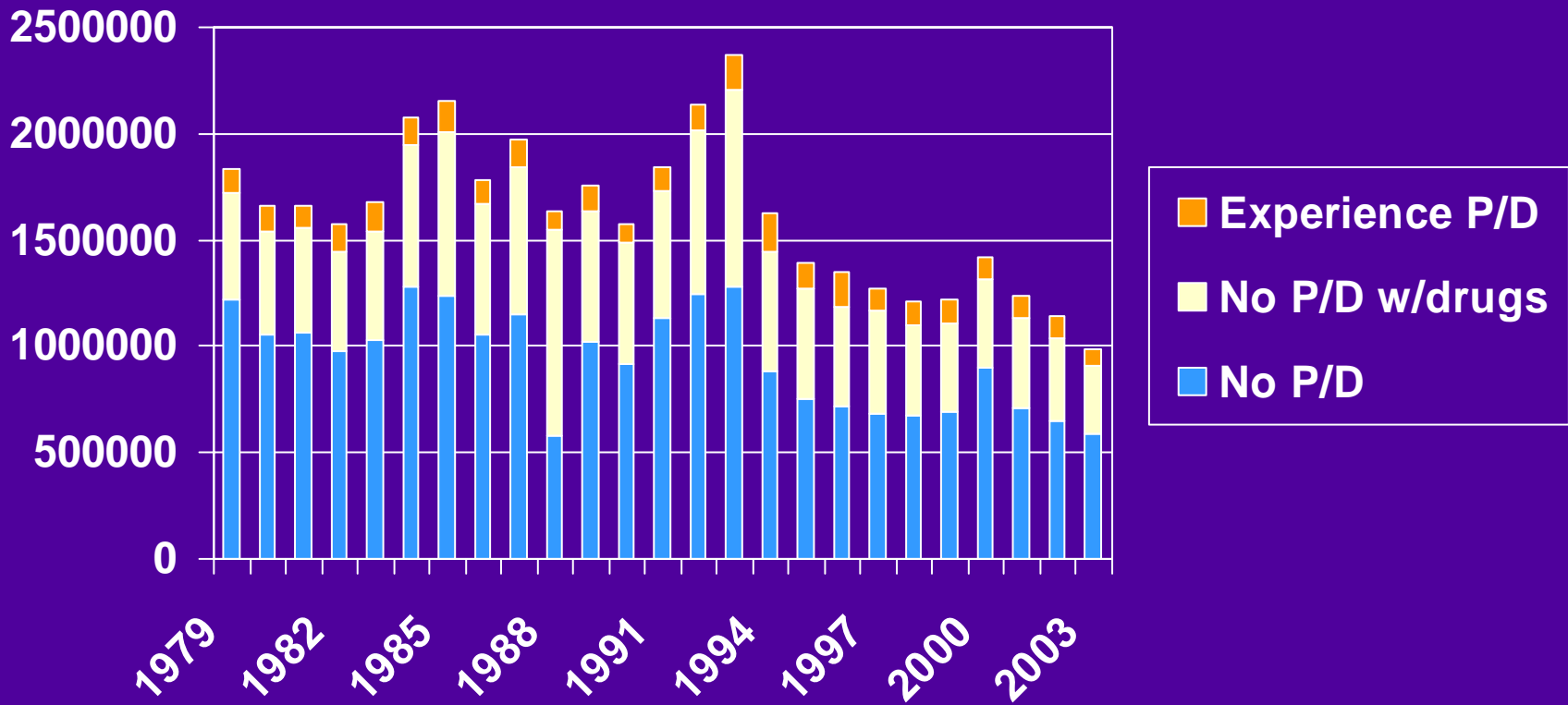
# Category History

In the late 1970's, two new reporting categories were added, since it was the practice of the research community at that time to report them and they provided more meaningful information:

1. no pain or distress involved
  2. pain/distress alleviated by drugs
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# Trends in Animal Use



# Category E Today

Form APHIS-2025 (Rev. 12-14-20) Annual Report of Research Facility (Type or Print)

1. REGISTRATION NO. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, Wildlife Service Center)

2. REPORTING FACILITY (List all locations where animals were housed or used in the calendar year for long-term experiments or studies for other purposes. If each additional facility is on a separate sheet, attach a separate sheet.)

3. REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach a separate sheet for each species.)

A. Animals Covered by the Animal Welfare Regulations	B. Number of animals used, identified or held for use in teaching, training, research, or surgery that are reported on each protocol	C. Number of animals upon which research, experiments, or tests were conducted, including the number of animals upon which research, experiments, or tests were conducted	D. Number of animals upon which experiments, research, or tests were conducted, including the number of animals upon which research, experiments, or tests were conducted	E. Number of animals upon which research, experiments, or tests were conducted, including the number of animals upon which research, experiments, or tests were conducted	F. TOTAL NO. OF ANIMALS (Cols. C + E)
4. Dogs					
5. Cats					
6. General Pigs					
7. Horses					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Large Animals					
13. Other Animals					

4. Assurance Statements

5. Certification by Institutional Official

6. Signature of CPO

7. Name & Title of Institutional Official

8. Date Signed

Numbers of animals upon which teaching, experiments, research, surgery or tests were conducted involving pain or distress for which the use of anesthetics, analgesics or tranquilizing drugs would have adversely affected the outcome

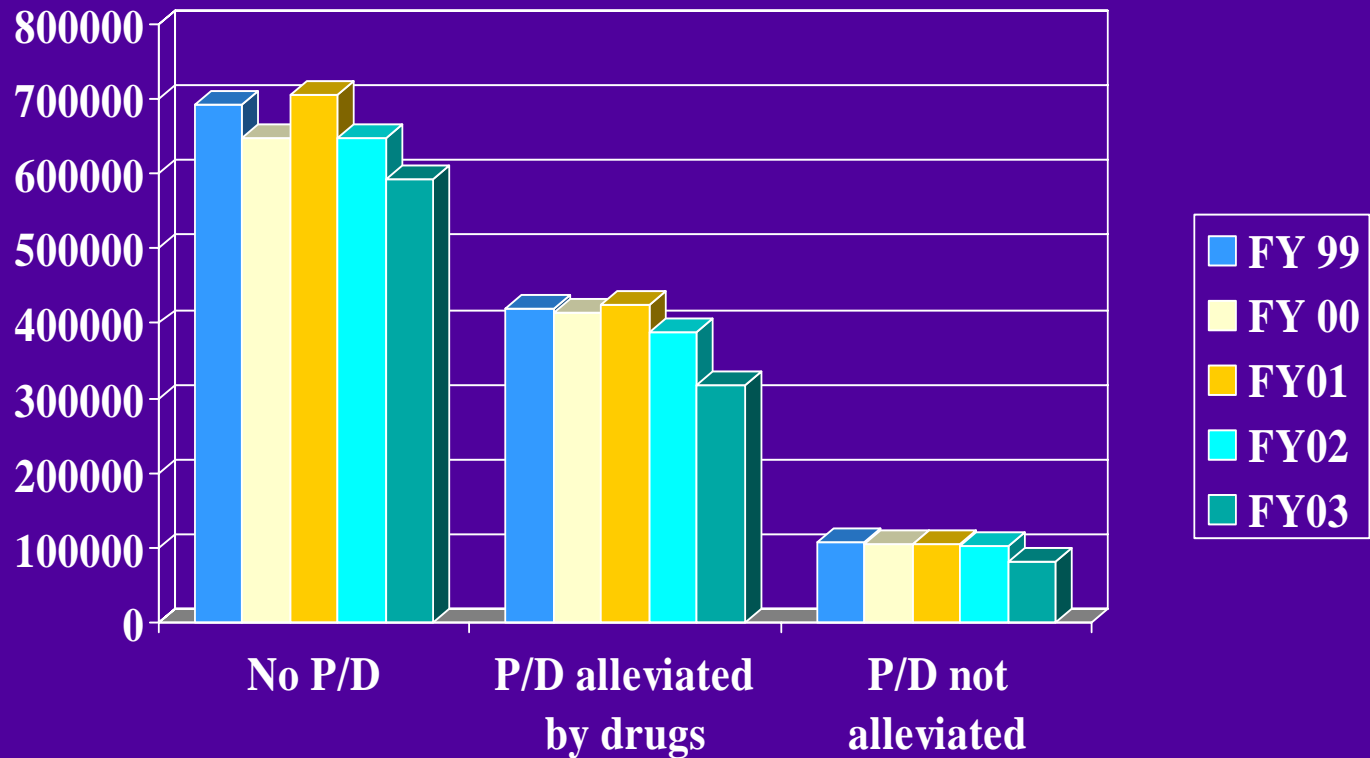
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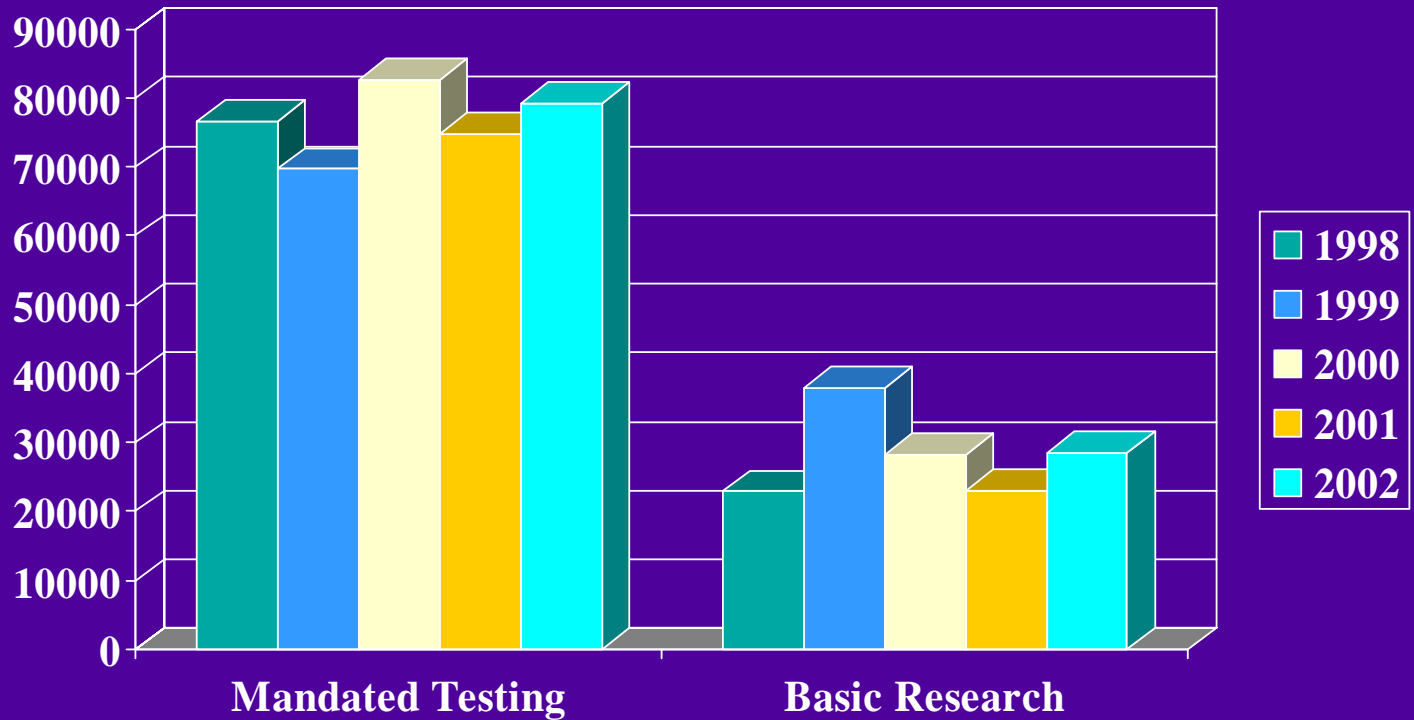
# Category E Today

- An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to the Annual Report
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# Animal Usage 1999-2003



# Animals Experiencing Pain



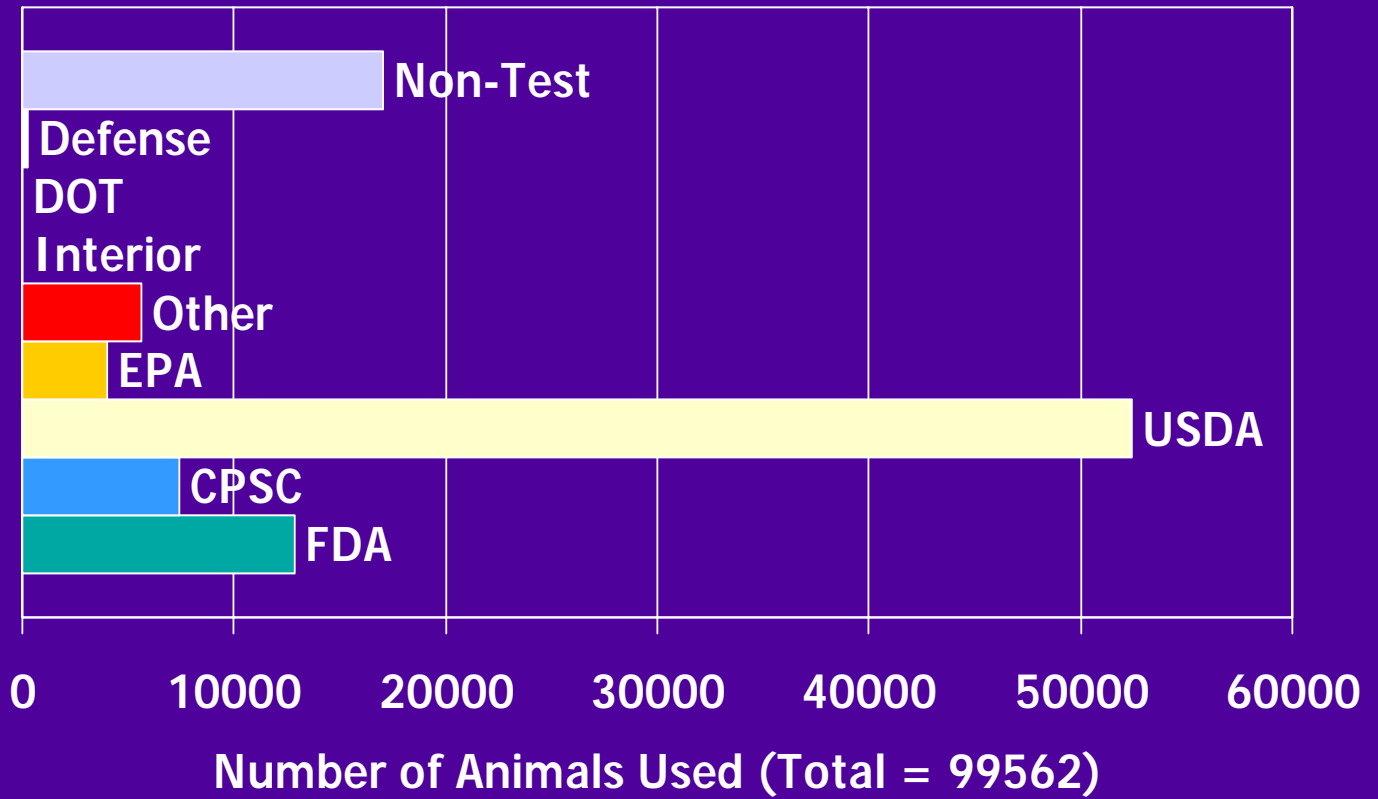
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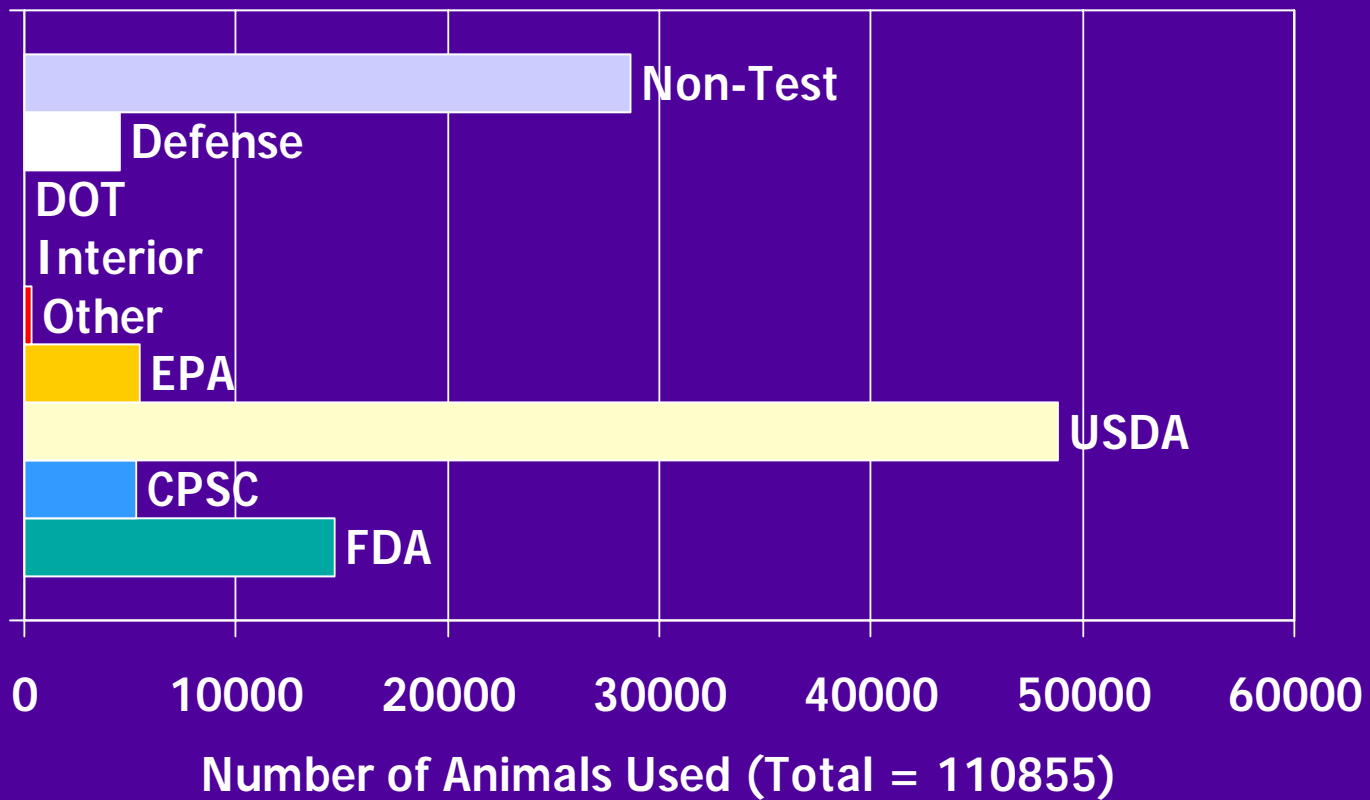
# Basic Research

- Drug and Vaccine development
  - Infectious disease processes
  - Cardiovascular disease
  - Antibody production
  - Wildlife studies
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1998



2002



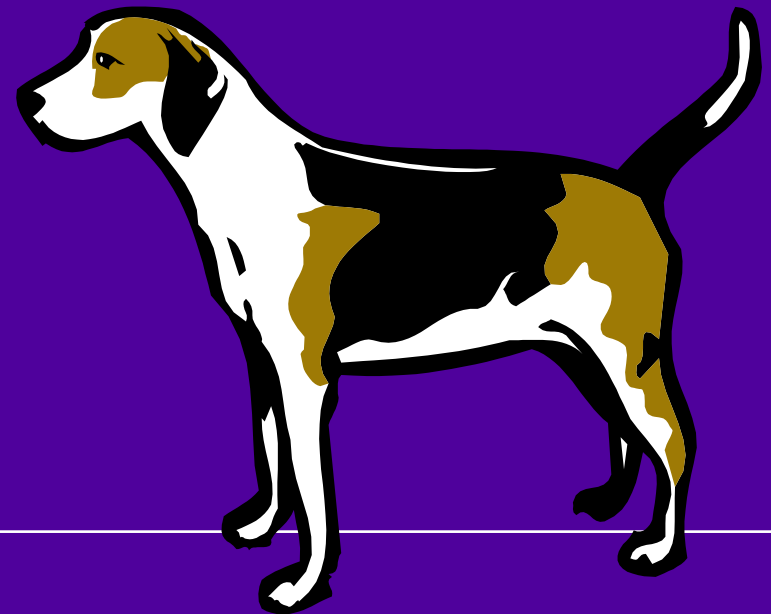


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# Mandated Testing

- Investigational/New Drug Application  
Pharmacology and Toxicology  
Information
- Rabies Vaccine



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# Mandated Testing

- ❑ Rabies and Feline Upper Respiratory Vaccines
- ❑ New Animal Drug Application
- ❑ Acute Oral Toxicity—Pesticides and Toxic Substances



# Mandated Testing

- Diphtheria/Tetanus human vaccines
- Skin sensitization: Pesticides and Toxic Substances, Medical Devices
- Clostridial bacterins for animals



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# Mandated Testing

- Leptospiral bacterins



# Mandated Testing

- Primary Eye Irritation
- Acute Skin Irritation and/or Corrosion
- Developmental toxicity

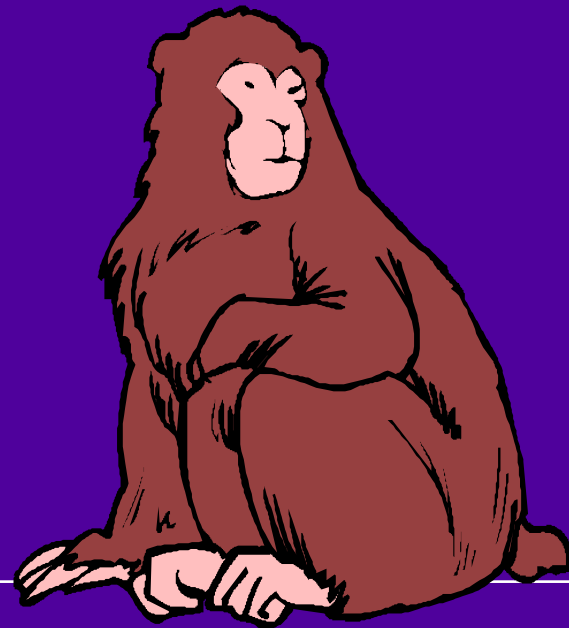


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# Mandated Testing

- Drug Toxicity/Safety/Kinetic Studies

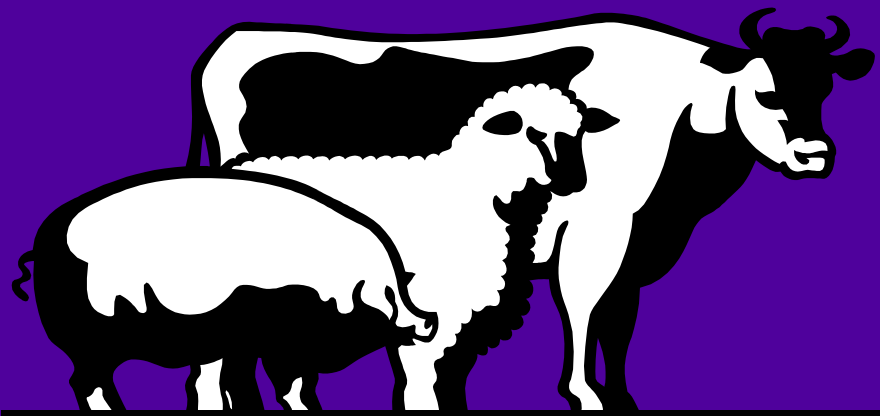


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# Mandated Testing

- Vaccine Immunogenicity testing
- Toxicity studies for NDA



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# Mandated Testing

- Vaccine potency tests
- Toxicity testing
- Rodenticide efficacy tests





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# Other Species



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# Questions?

[www.aphis.usda.gov/ac](http://www.aphis.usda.gov/ac)

