

Population Growth

Cats

If you left two adult, intact cats together, you could estimate the following growth pattern (*assuming none of the animals die*):

Year 1: **20 cats**

Year 2: **200 cats**

Year 3: **2,000 cats**

Year 4: **20,000 cats**



Dogs

If you left two adult, intact dogs together, you could estimate the following growth pattern (*assuming none of the animals die*):

Year 1: **18 dogs**

Year 2: **162 dogs**

Year 3: **1,458 dogs**

Year 4: **13,122 dogs**

The Veterinary Black Bag Program

Project Goals:

- Develop Veterinarian's Black Bags (VBBs) of instructional items and pamphlets for middle school teachers to support classroom visits by local veterinarians.
- Provide professional development for veterinarians and teachers on how to use items in the VBBs
- Promote inquiry-based thinking about health-related subjects while emphasizing the value of biomedical research and promoting careers in science.



Peer

Partnership for environmental
Education and Rural Health

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<http://peer.tamu.edu/VBB/Summary.asp>

Neutering

Veterinarian's Presentation



The instruction in this module includes:
Presentation on *Neutering*

Follow-up lessons on:

Sex Hormones

Reproductive Cancers

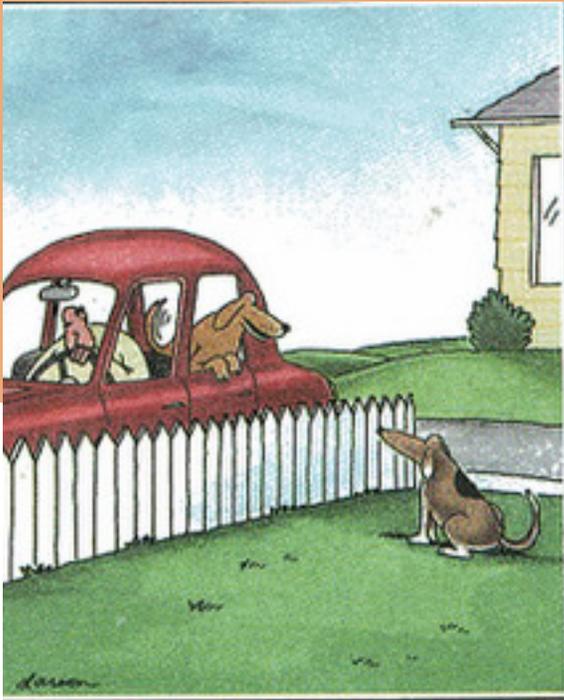
Castration of Farm Animals

U.S. Pet Statistics

Myths and Facts

Why Neuter Your Animal?

- Prevents Disease
- Benefits Behaviour
- Prevents Over-Population



“Ha ha ha, Biff. Guess what? After we go to the drugstore and the post office, I’m going to the vet’s to get tutored.”

- An estimated 52 million dogs and 57 million cats live with U.S. families.
- For every human born, 7 puppies and kittens are born.
- More than 12 million dogs and cats are euthanized in shelters each year. Millions more are abandoned in rural and urban areas.
- As many as 25% of dogs entering shelters each year are purebreds.
- Approximately 61% of all dogs entering shelters are killed.
- Approximately 75% of all cats entering shelters are killed.
- It costs approximately \$100 to capture, house, feed, and eventually kill each stray animal -- a cost which you, the taxpayer, eventually pay.

MYTH: It’s better to have one litter first.
FACT: Medical evidence indicates just the opposite. In fact, the evidence shows that females spayed before their first heat are typically healthier and have the lowest cancer risk.

MYTH: But my pet is a purebred.
FACT: So is at least one out of every four pets brought to animal shelters around the country. There are just too many dogs and cats—mixed breed and purebred.

MYTH: It’s too expensive to have my pet spayed or neutered.
FACT: It’s a very small price to pay for the health of your pet and the prevention of the births of more unwanted pets. Also consider the cost of having a litter and ensuring the health of the mother and litter; two months of pregnancy and another two months until the litter is weaned can add up to significant veterinary bills.