

Agritourism on U.S. Goat Operations

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AABP Conference
October 9, 2021

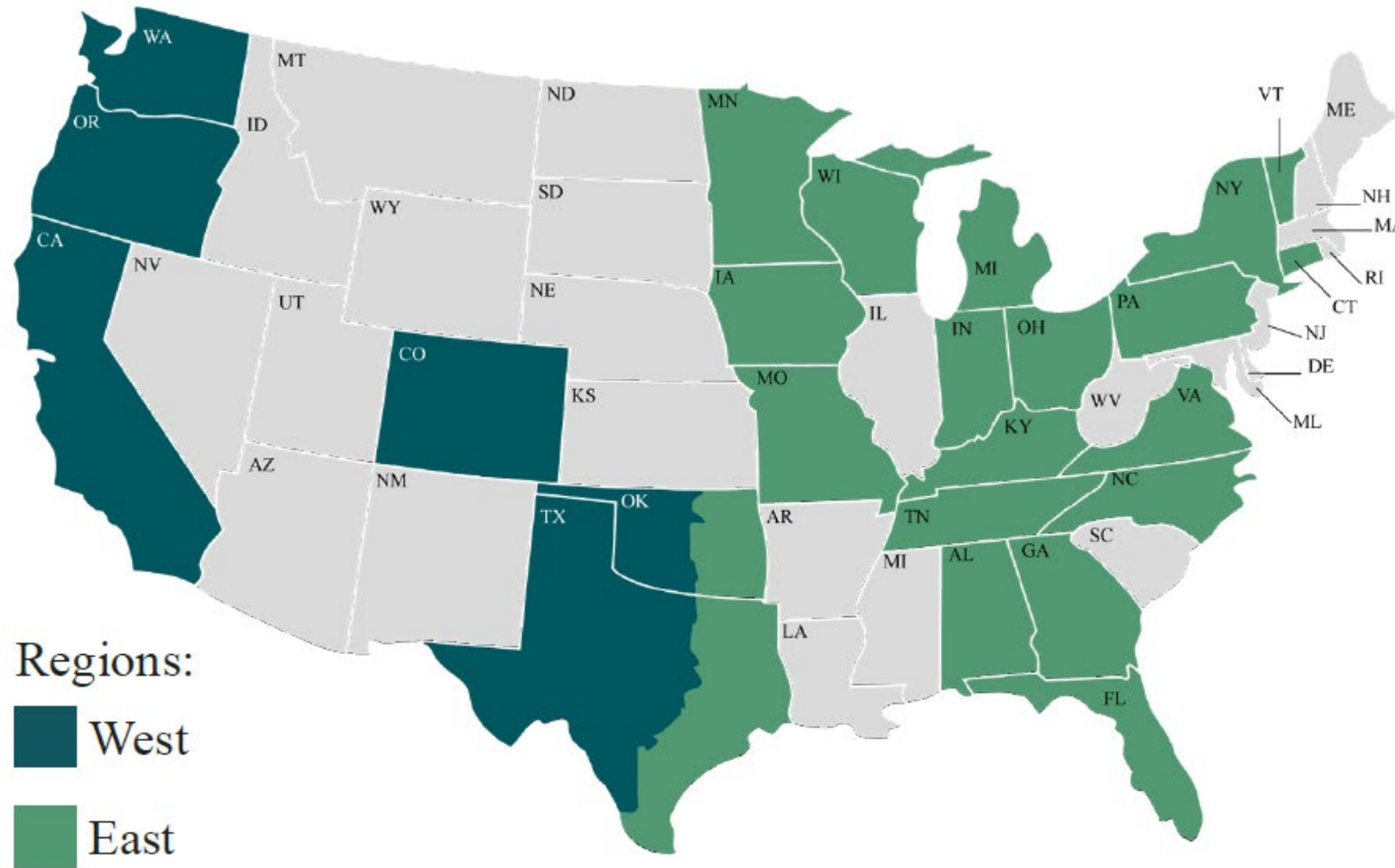
Agritourism and One Health



- What is agritourism?
- Benefits and Risks

National Animal Health Monitoring System

Goat 2019 Study States



*Texas and Oklahoma were divided on a line corresponding to north-south Interstate 35. The western halves of the States were included in the West region, and the eastern halves were included in the East region.

24 States represent:

- 83% U.S. goats
- 78% U.S. goat farms with 5+ goats

Biologic samples

Fecal Samples

Fecal egg count
reduction test

*E. coli, Salmonella,
Campylobacter,
Enterococcus,
Giardia,
Cryptosporidium*

Blood Samples

Scrapie resistance
genotyping

Serum and DNA
stored for future
research

Swab Samples

Nasal:
*Mycoplasma
ovipneumoniae*
testing

Vaginal: *Coxiella
burnetii* testing



U.S. Department of
Agriculture



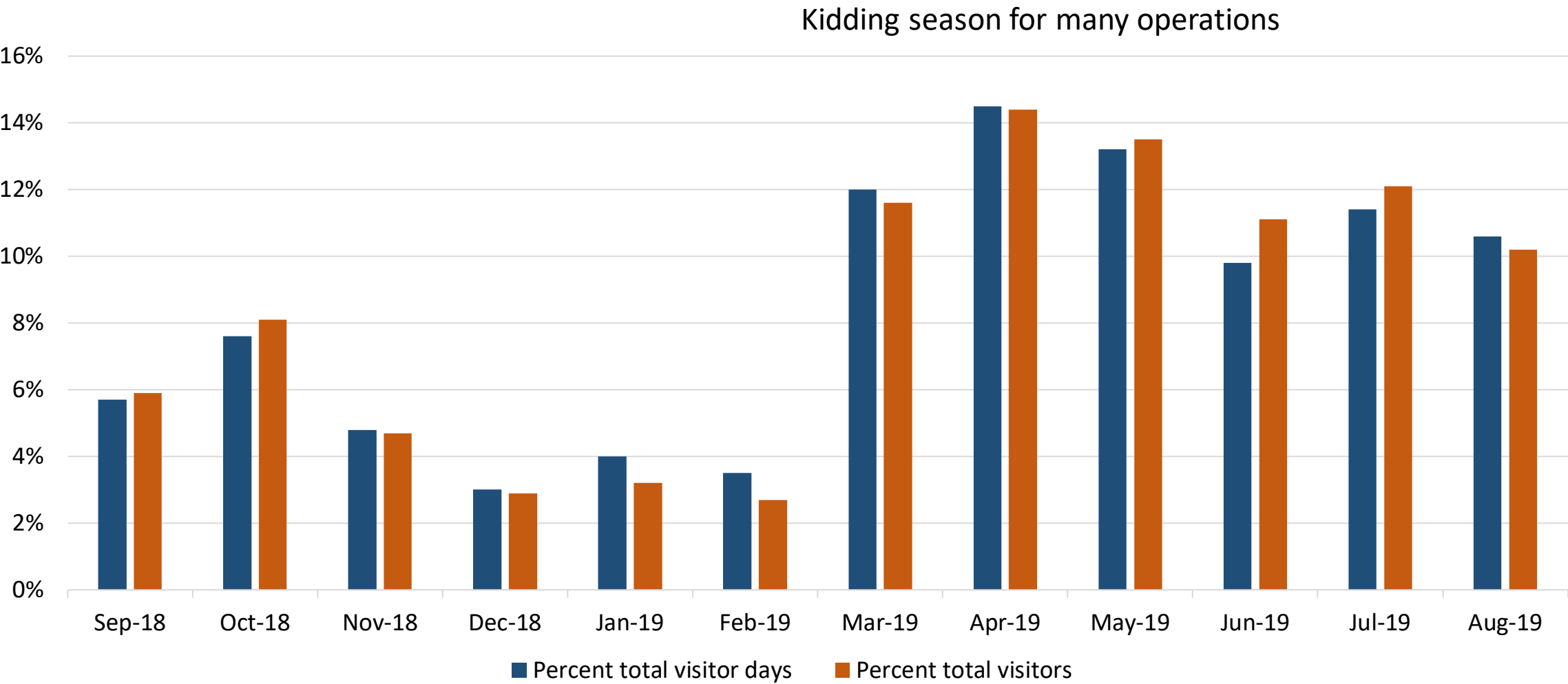
On-site Agritourism Questionnaire



Study Results



Percentage of Visitor Days and Visitors by Month, 2018-2019



Parking



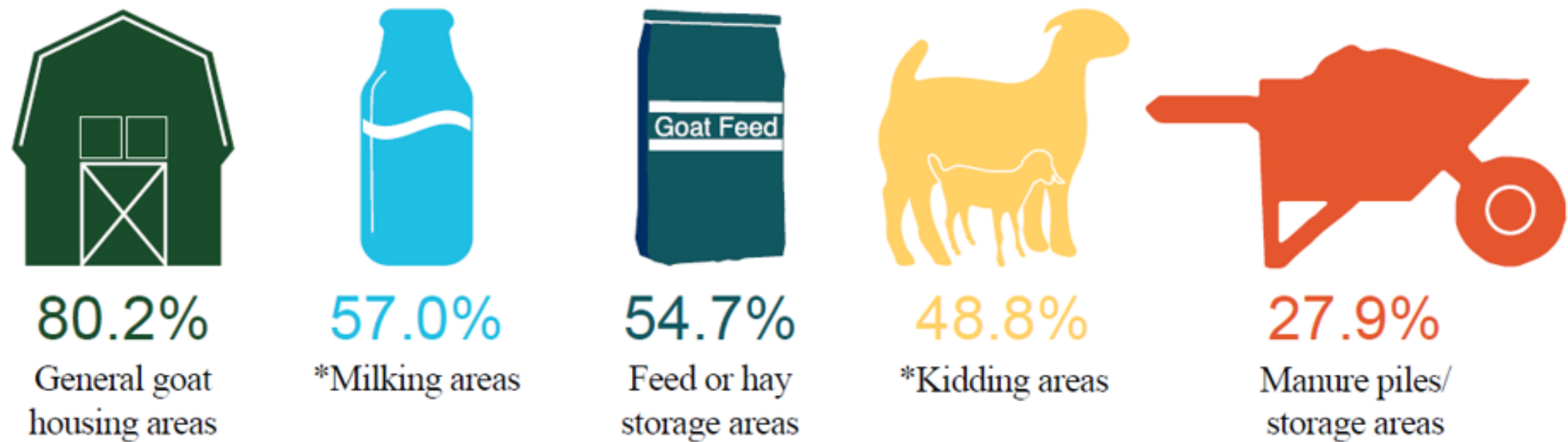
64.0%

of agritourism operations
had designated parking for visitors
away from regular farm traffic

34.5% of operations have a designated
parking area located downhill
from any animal facilities,
manure storage areas, or crop
fields that were fertilized with
animal manure

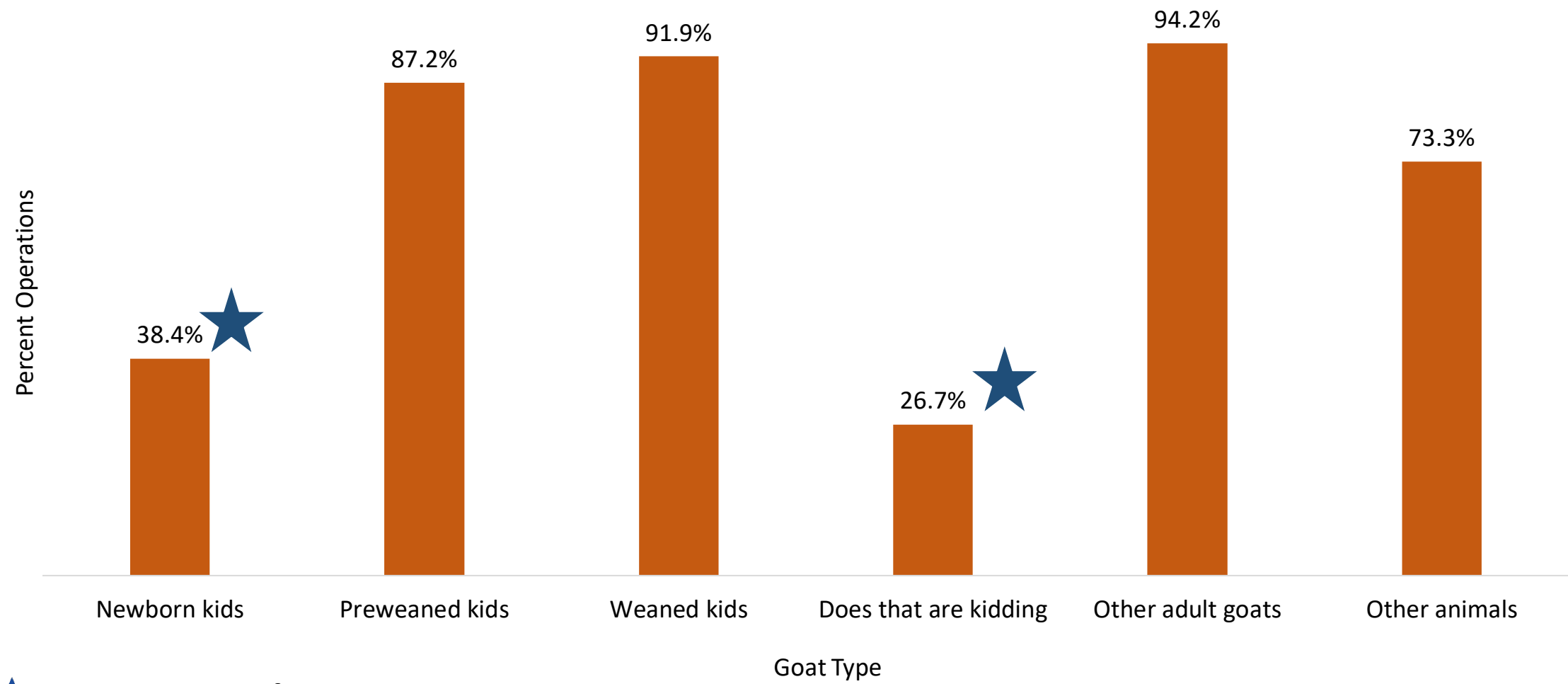
40.0% of operations have designated
parking that share a fence line with
an animal pen or pasture

Percent of Operations by Access to the Listed Areas



** Not applicable was a response option for milking areas and kidding areas. 25.6% of operations did not have milking areas, and 10.5% of operations did not have kidding areas.*

Percent of Operations by Goat Types Available for Public Interaction



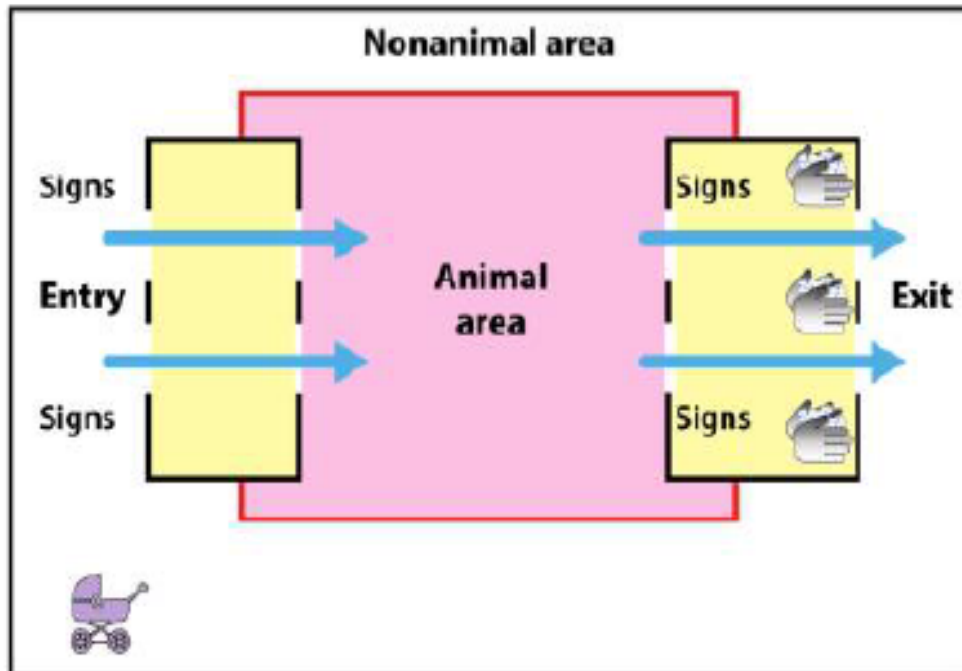
Feeding Goats

53.5%
of operations
allowed visitors
to feed goats.

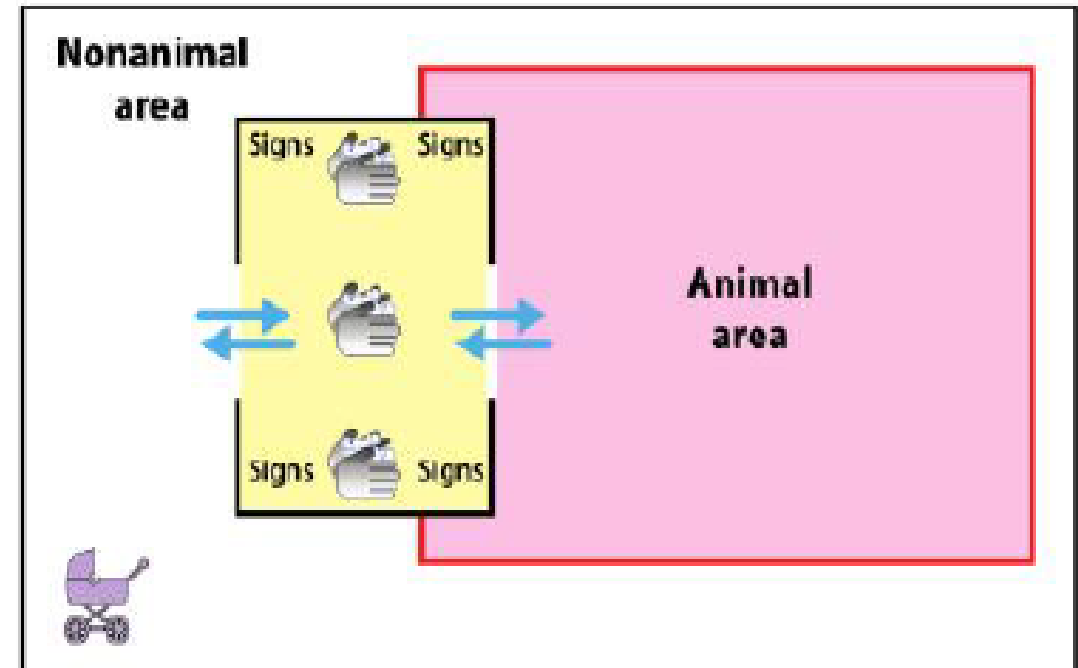


Transition Areas and Visitor Flow

Design 1



Design 2

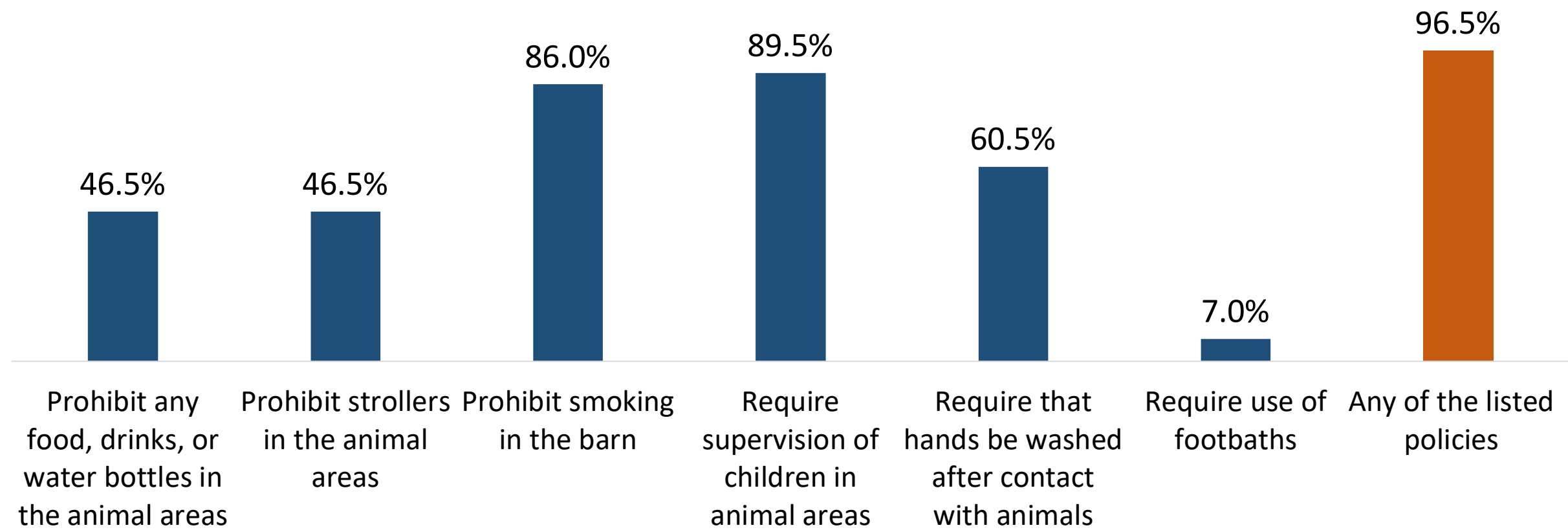


53.5%

of operations had a defined transition area (physical or conceptual) between animal and non-animal areas

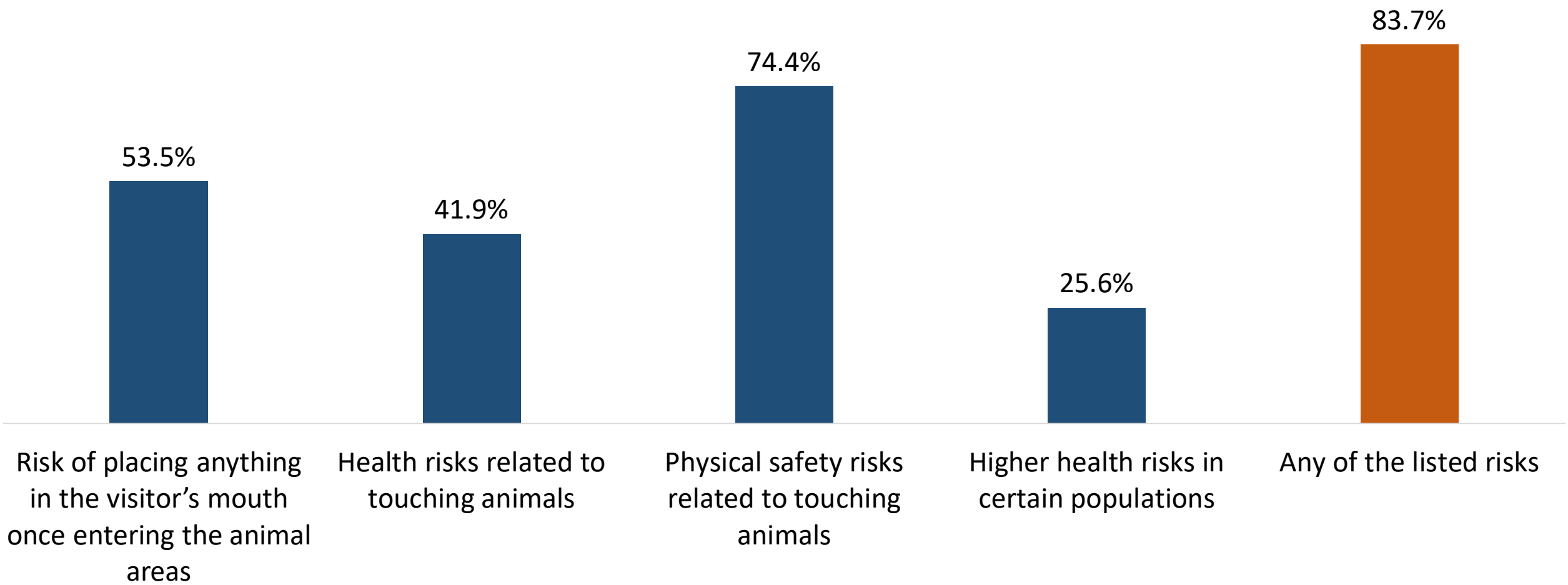
Required Visitor Policies

Percentage of operations that **required policies**, by type of policy:

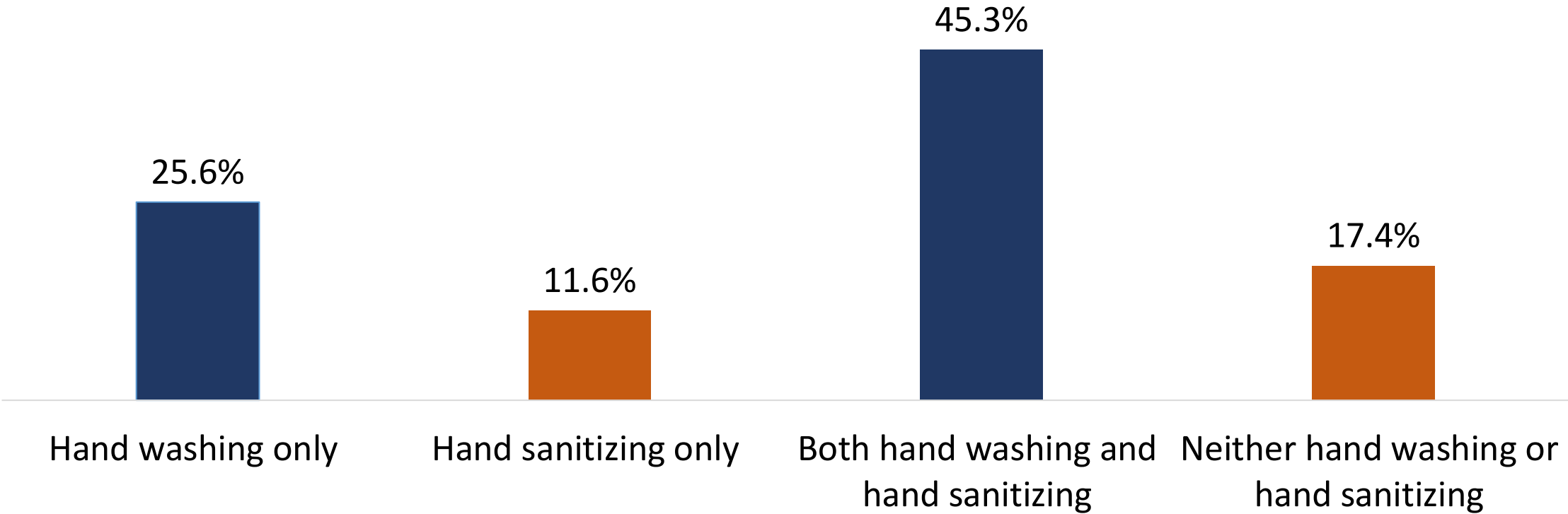


Visitor Risk Communication

Percentage of operations **that warn visitors regarding risks**, by type of risk:



Hand Washing and Hand Sanitizing Stations



Hand Washing Stations



70.9%

of operations had hand-washing stations with soap and water available to visitors when they exit the goat visitor areas

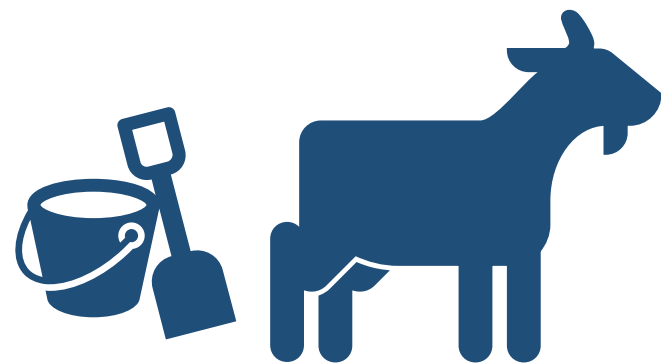
Hot and Cold Water at the Station

73.8%

Average Times per Day Stations were Checked

1.6 times/day

Cleaning and Disinfection Procedures

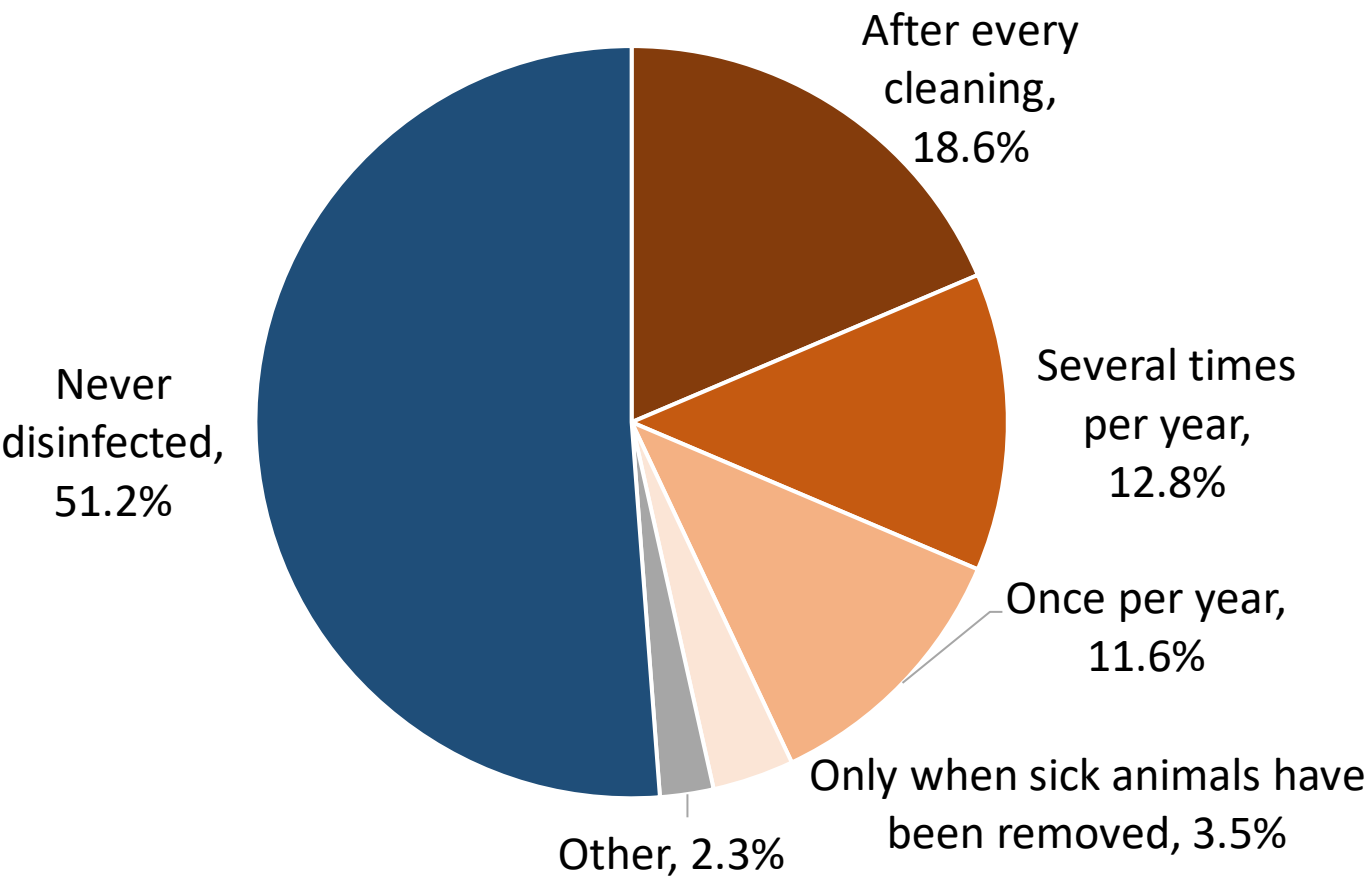


3.5 times/week

on average, goat visitor areas were cleaned of manure and debris

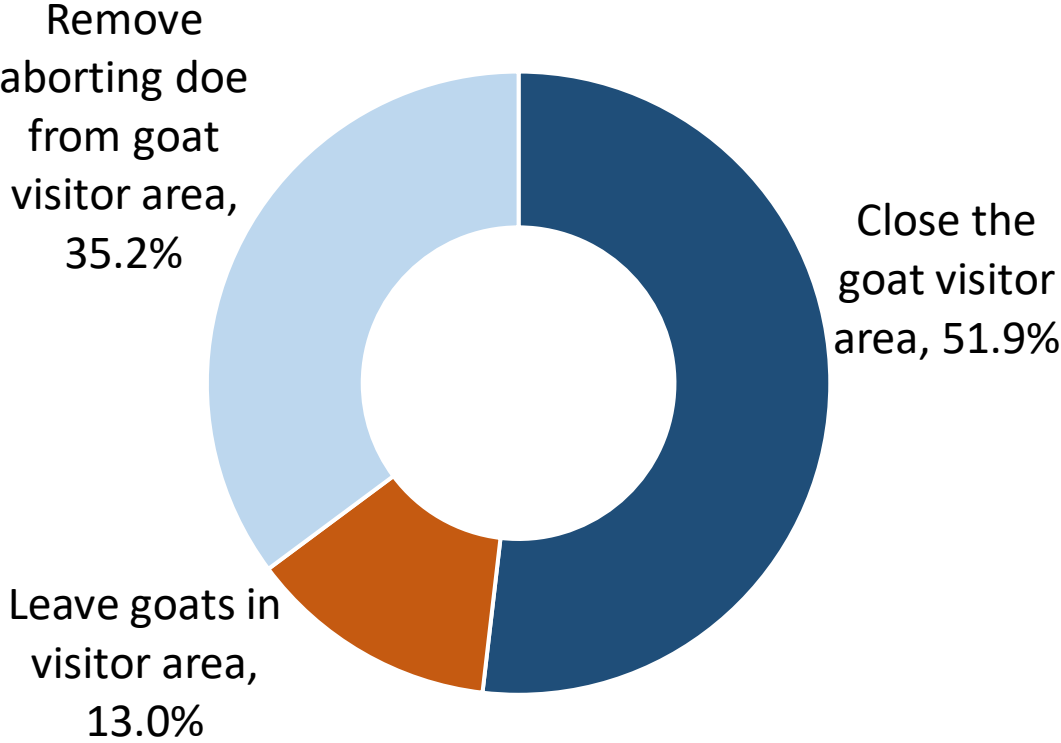


Percent Operations by Frequency of **Disinfection** of the Goat Visitor Areas



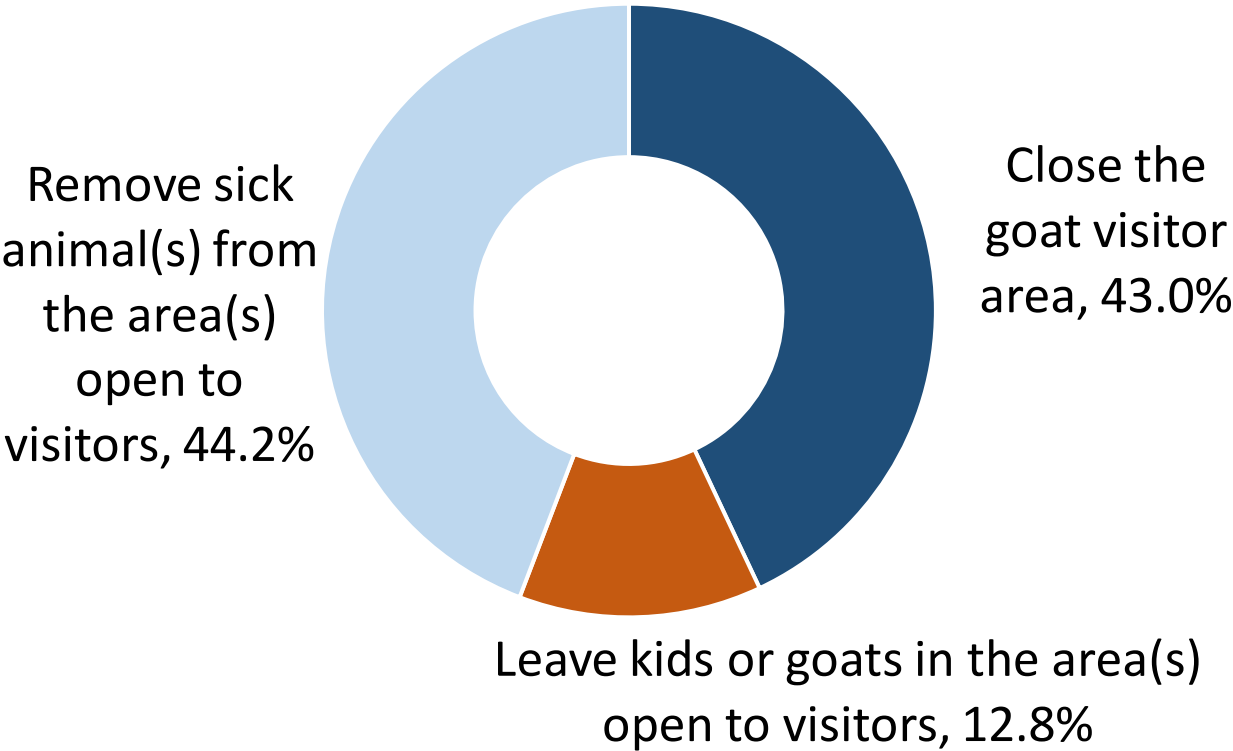
Removal of Sick Goats from Visitor Areas

Percent of Operations* by Action Taken in the **Event of an Abortion** in the Goat Visitor Area



*Percent operations is calculated from the 65.1% of operations that included pregnant does in the goat visitor areas

Percent of Operations by Action Taken in the Event of a Goat Becoming Ill in the Goat Visitor Area **with Something other than Abortion** (for example, diarrhea)



Food and Drink Available to Visitors



32.6%

of operations had food or drink available for visitors as samples or to purchase



10.7%

served food and drink in an area where animals have ever been kept or where there is possible contact with animals

39.3%

served unpasteurized products, such as milk, cheese, yogurt, or fruit juice

82.1%

had hand-washing stations with soap and water available to farm visitors at the entry to the food service area

46.4%

had hand sanitizer available to visitors in the food service area

Insurance Policies



57.0%

of operations that had met with an insurance agent about protecting their farm through policies for an agritourism operation



83.7%

of operations that met with an insurance agent have added policies specific to public visitation on their farm

Conclusion



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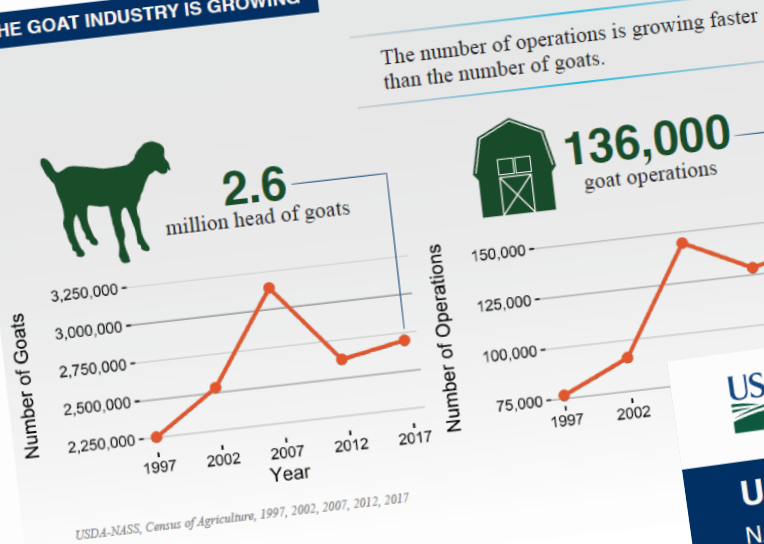
United States Department of Agriculture

How is the U.S. Goat Industry Growing?

NAHMS Goat Study 2019

June 2020

THE GOAT INDUSTRY IS GROWING



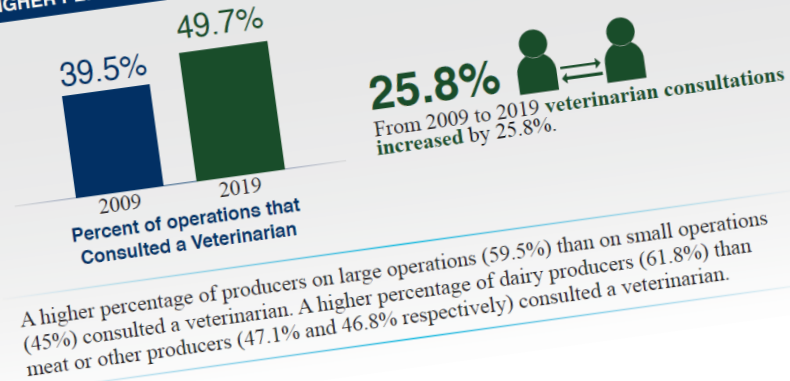
United States Department of Agriculture

Use of Veterinarians on Goat Operations

NAHMS Goat Study 2019

August 2020

A HIGHER PERCENTAGE OF GOAT PRODUCERS ARE CONSULTING VETERINARIANS



U.S. Department of Agriculture

Infographics and Infobriefs

Available on the NAHMS website in English and Spanish

(<https://www.aphis.usda.gov/nahms>)

Contact me if you would like printed copies to share:

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Acknowledgements

- Agriculture Research Service, Beltsville MD
- American Association of Small Ruminant Practitioners
- American Association of Extension Veterinarians
- American Dairy Goat Association
- American Goat Federation
- California Department of Food and Agriculture, AUS
- Centers for Disease Control and Prevention
- Colorado State University
- Harmody Alpines
- Havin' Hope Livestock
- Jumping Good Goat Dairy
- Kansas State University
- Louisiana State University
- National Veterinary Services Laboratory
- North Carolina State University
- SAKB Boer Goats
- All goat producers that participated in the NAHMS Goat 2019 Study
- All field and state veterinarians and technicians that helped with data collection
- Dr. Frederic Cantor and Valerie Koenig on their advice and feedback regarding the agritourism component

Thank You!

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