



Animal and Plant Health Inspection Service
U.S. DEPARTMENT OF AGRICULTURE

National Scrapie Eradication Program Update

January 2024



Diane L. Sutton, DVM
Assistant Director, Small Ruminant Health
Ruminant Health Center
Strategy and Policy
USDA, APHIS, VS





Country Freedom based on WOAAH guidance

- No scrapie cases for 7 years (last U.S. case Jan. 2021)
- Surveillance needs to have appropriate geographical distribution
- Country must have import controls to prevent reintroduction of scrapie

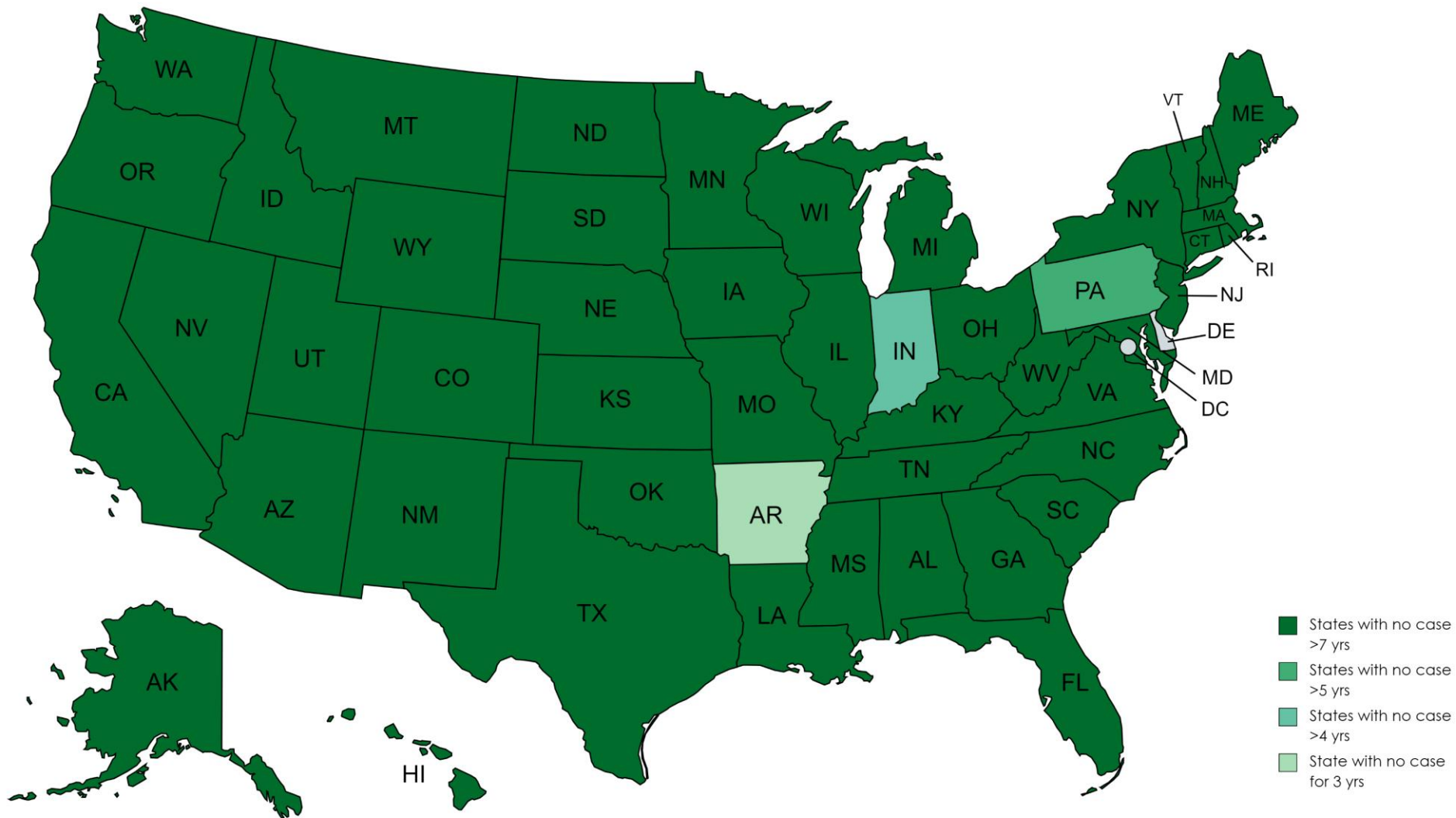


Scrapie Eradication: So close but not quite.....

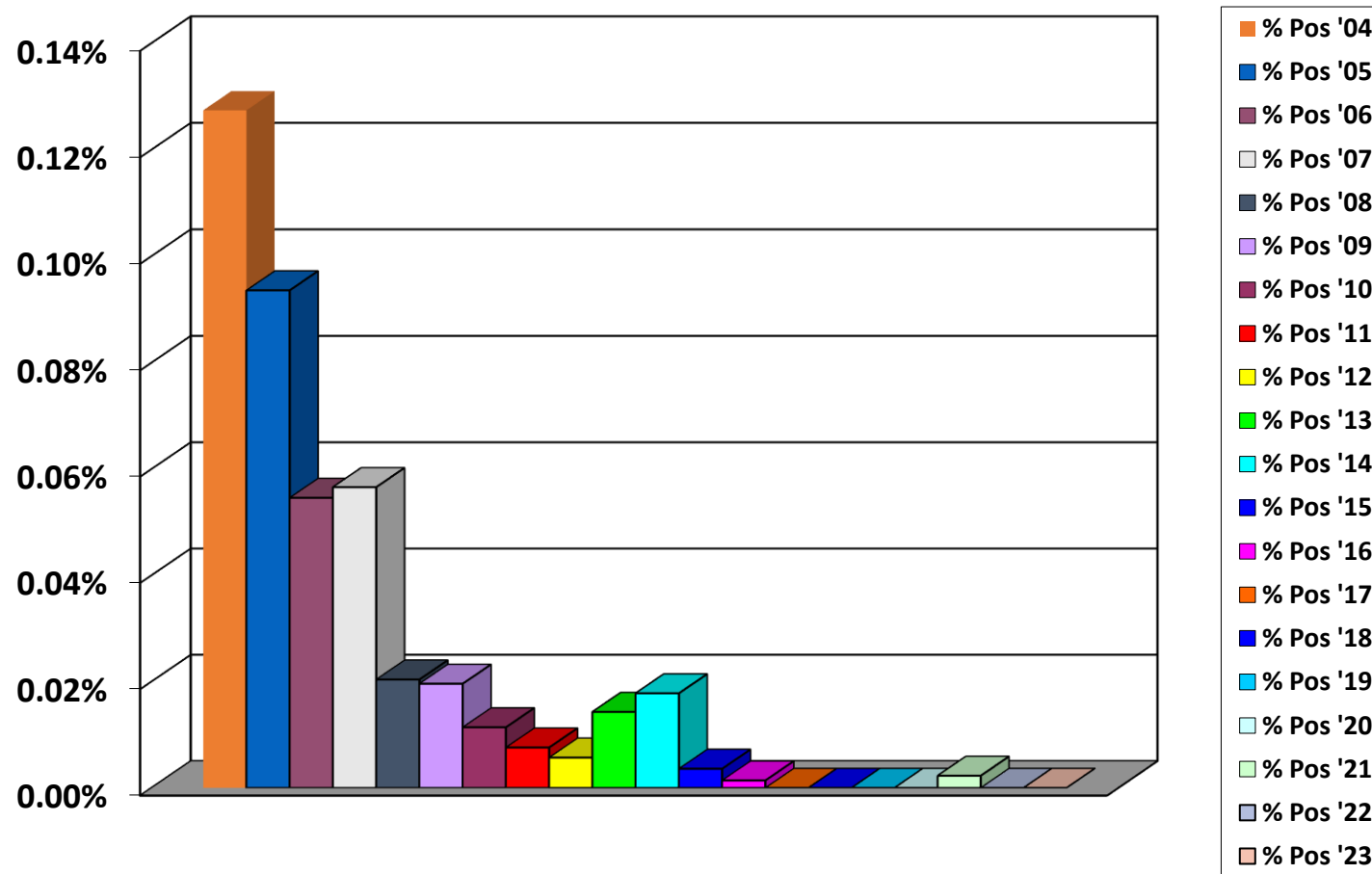




Number of Years since Last Detection of Scrapie by State



Percent of RSSS Sheep Samples that Tested Positive for Classical Scrapie - Weighted by Face Color, *FY 2003 – FY 2023**



* As of November 30, 2023. Adjusted to exclude multiple positive animals from the same flock.



Keys to Eradication:

Traceability and Surveillance



The last two scrapie traces could not be traced from slaughter to flock-of-origin.



Slaughter Positives –

- IN – goat - July 2019, 2 possible herds of origin tested and monitored with no additional cases found
- WI – blackface sheep, traced back to AR - January 2021, flock-of-origin couldn't be traced through market



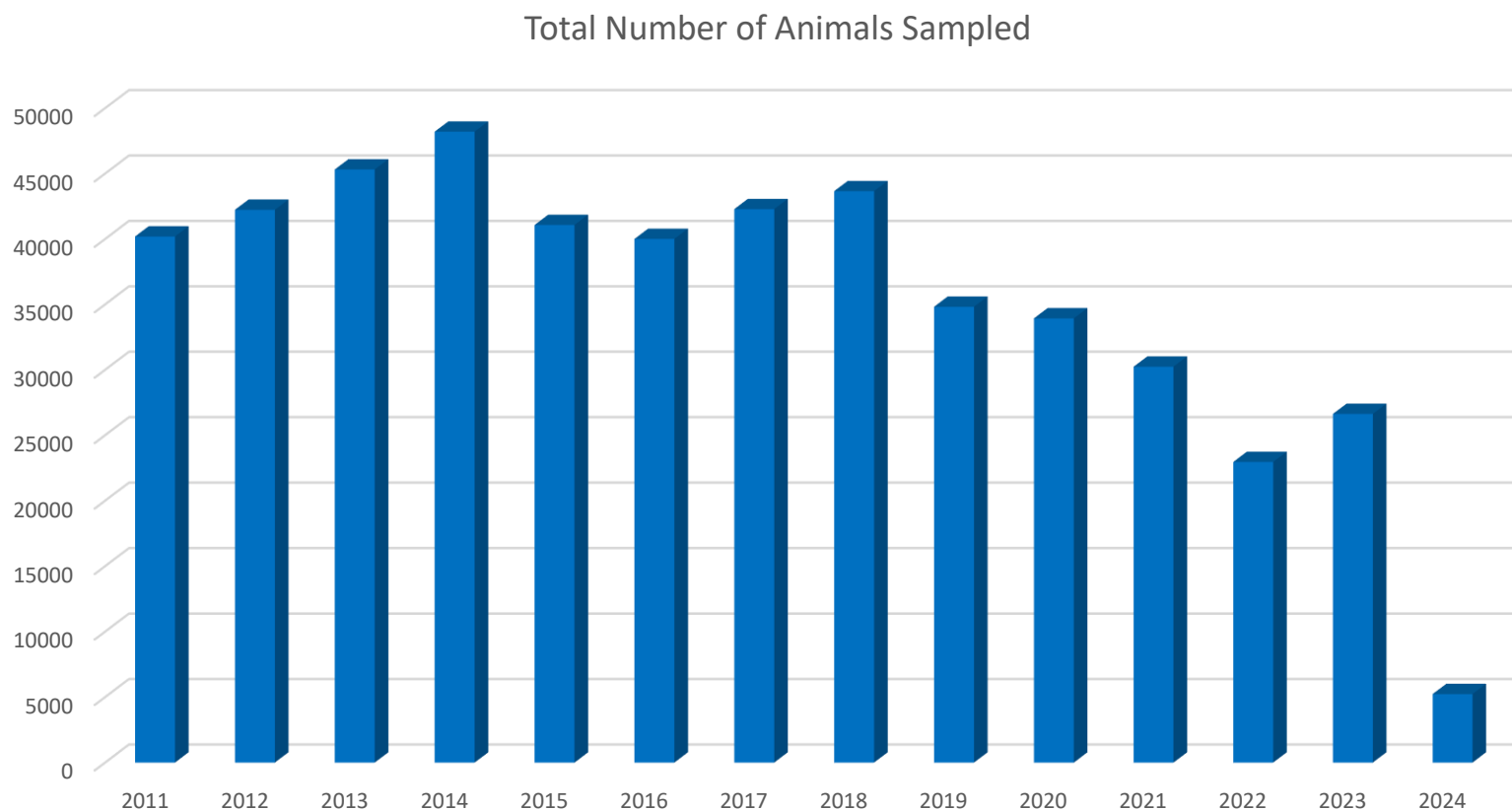
States must collect more than their minimums to achieve the National Target of > 40,000

If every state just met its minimum numbers,
the total would **only** be 15,629!





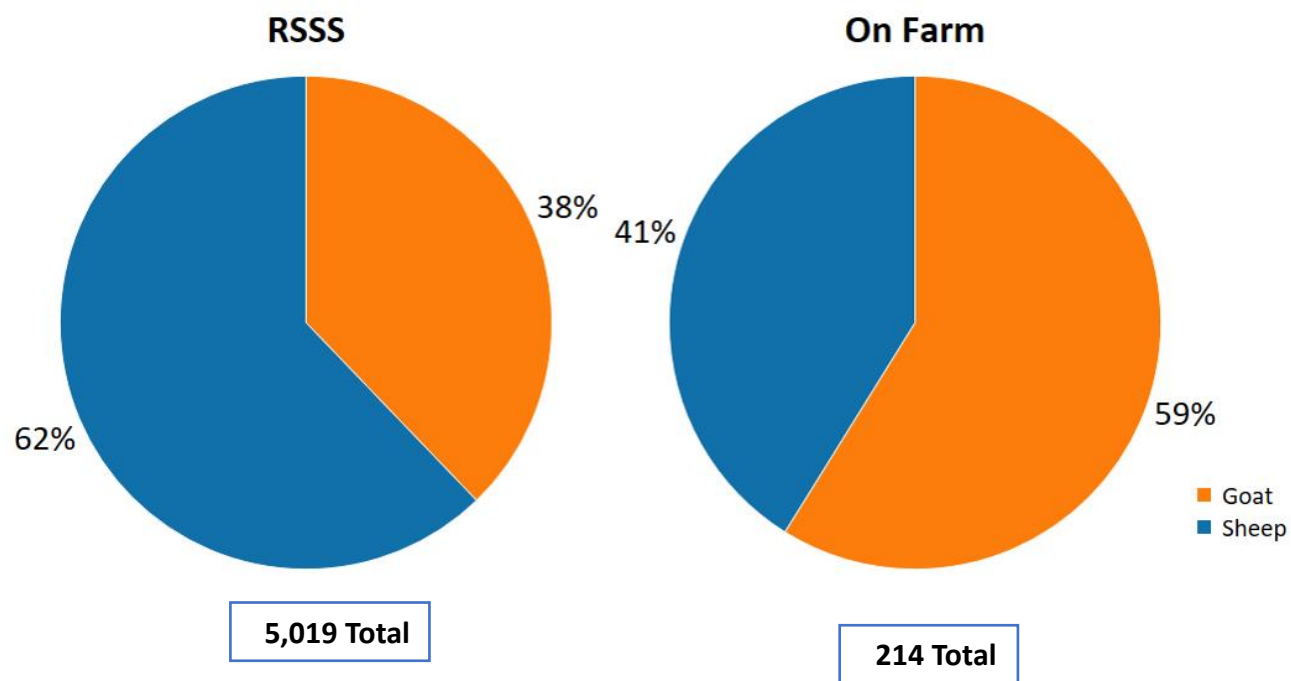
Number of Animals Sampled by Fiscal Year



As of November 30, 2023



FY 2024 Surveillance



Samples collected between October 1 and November 30, 2023.

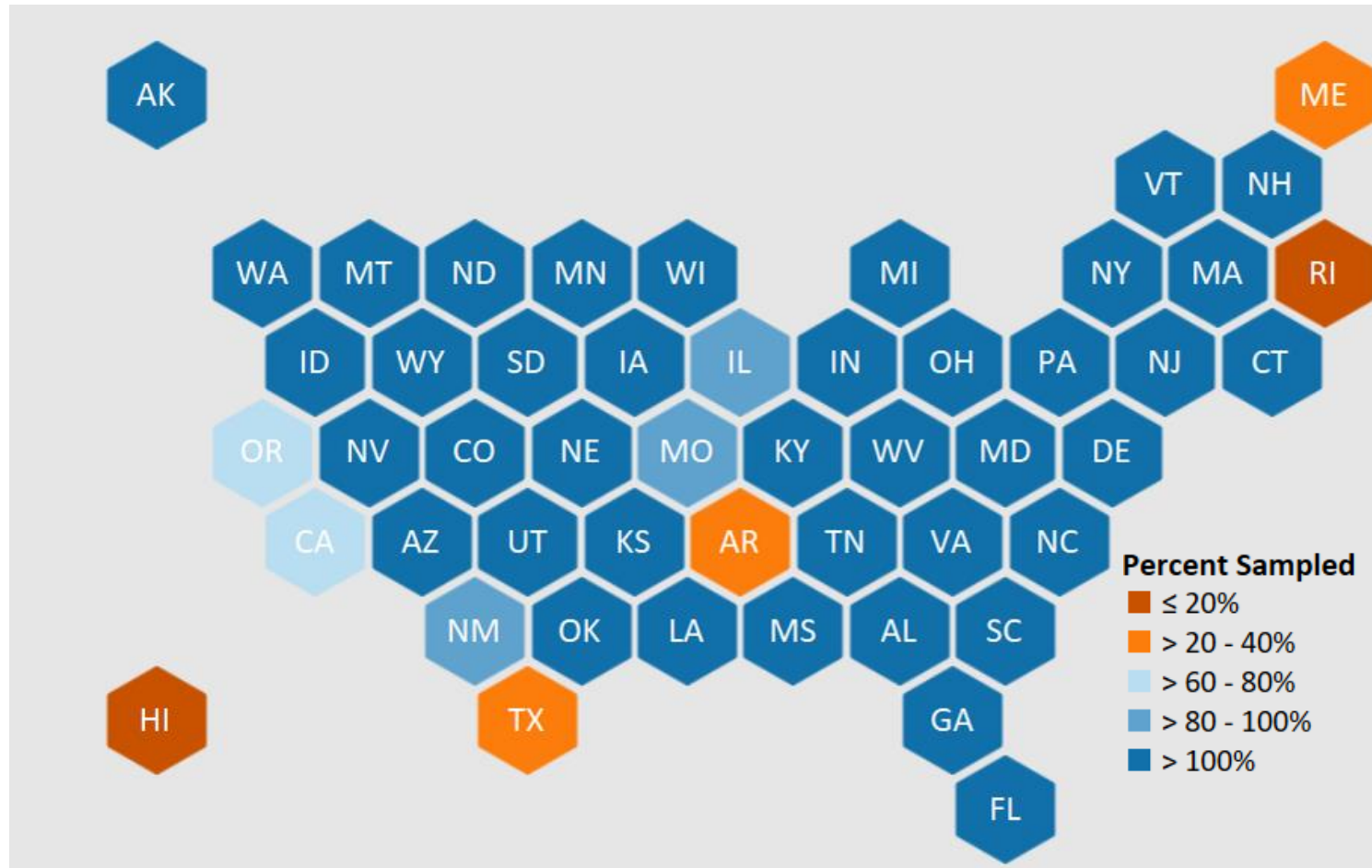
Comparison by Month of RSSS Samples Collected in FY 2024* to Seasonally Adjusted Target



* As of November 30, 2023.



Percent of Sampling Minimum Achieved in FY 2024* RSSS and On-farm Surveillance Sheep



* As of November 30, 2023. Percentage of sampling minimum achieved is based on 16% of the annual sampling minimum.



Percent of Sampling Minimum Achieved in FY 2024* RSSS and On-farm Surveillance Goats



* As of November 30, 2023. Percentage of sampling minimum achieved is based on 15% of the annual sampling minimum.

Surveillance Strategy Concentration Points

- **Partner with States and Industry to:**
 - Increase RSSS federal, state and custom sites and number of samples collected at each site
 - Increase samples collected at other sites such as terminal feedlots, auction markets, U Kills, Dealer Lots, etc.



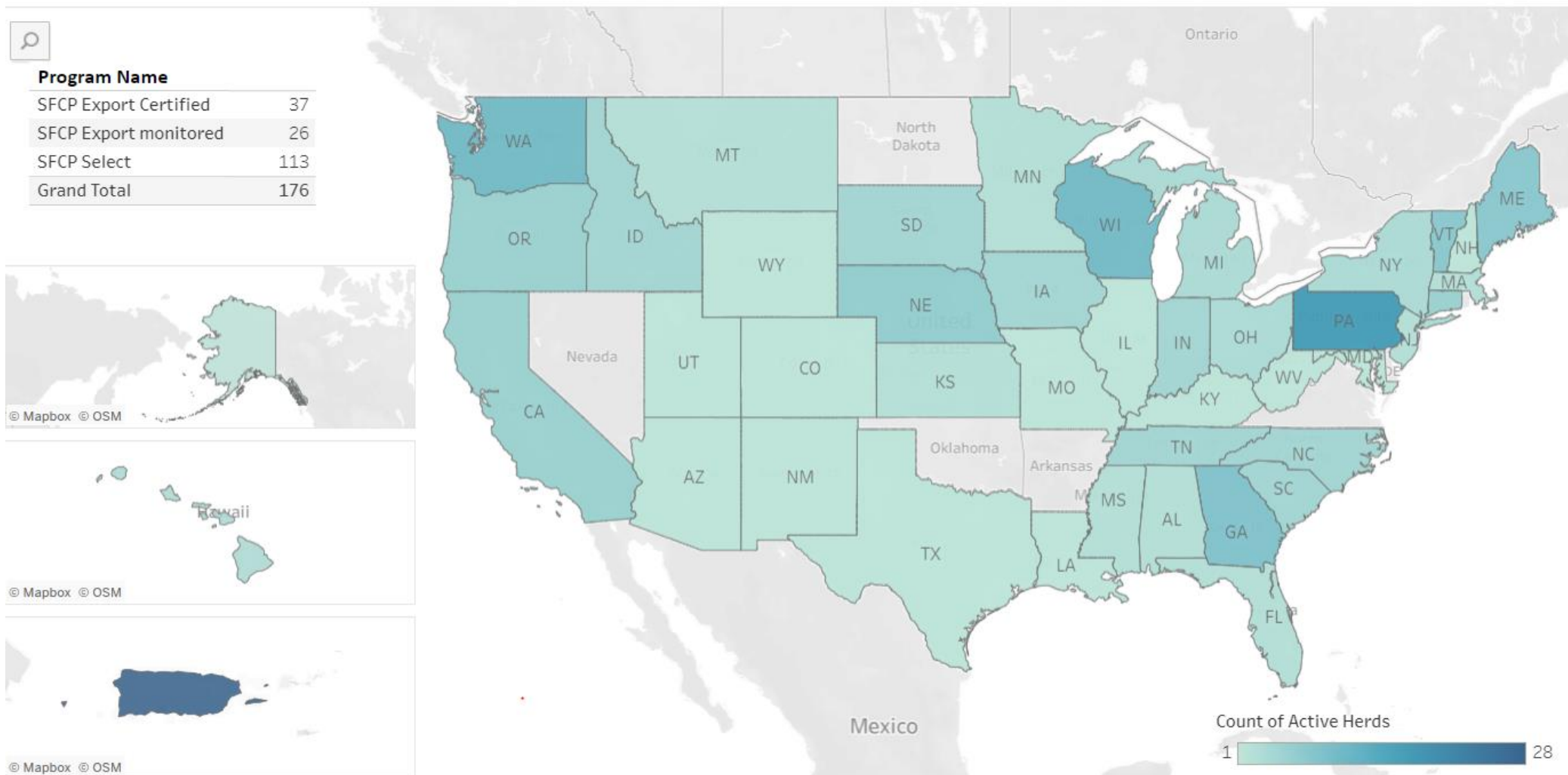
Surveillance Strategy On-farm



- Increase live and dead animal sampling and clinical suspect reporting:
 - Producers
 - Veterinarians – don't forget small animal practices! May see pet goats.
 - Extension agents
 - Ag colleges and universities
 - Labs – rabies negatives, necropsy submissions



Scrapie Free Flock Certification Program Participating Flocks and Herds*



* As of January 2, 2024



Questions?

