National Animal Health Laboratory Network
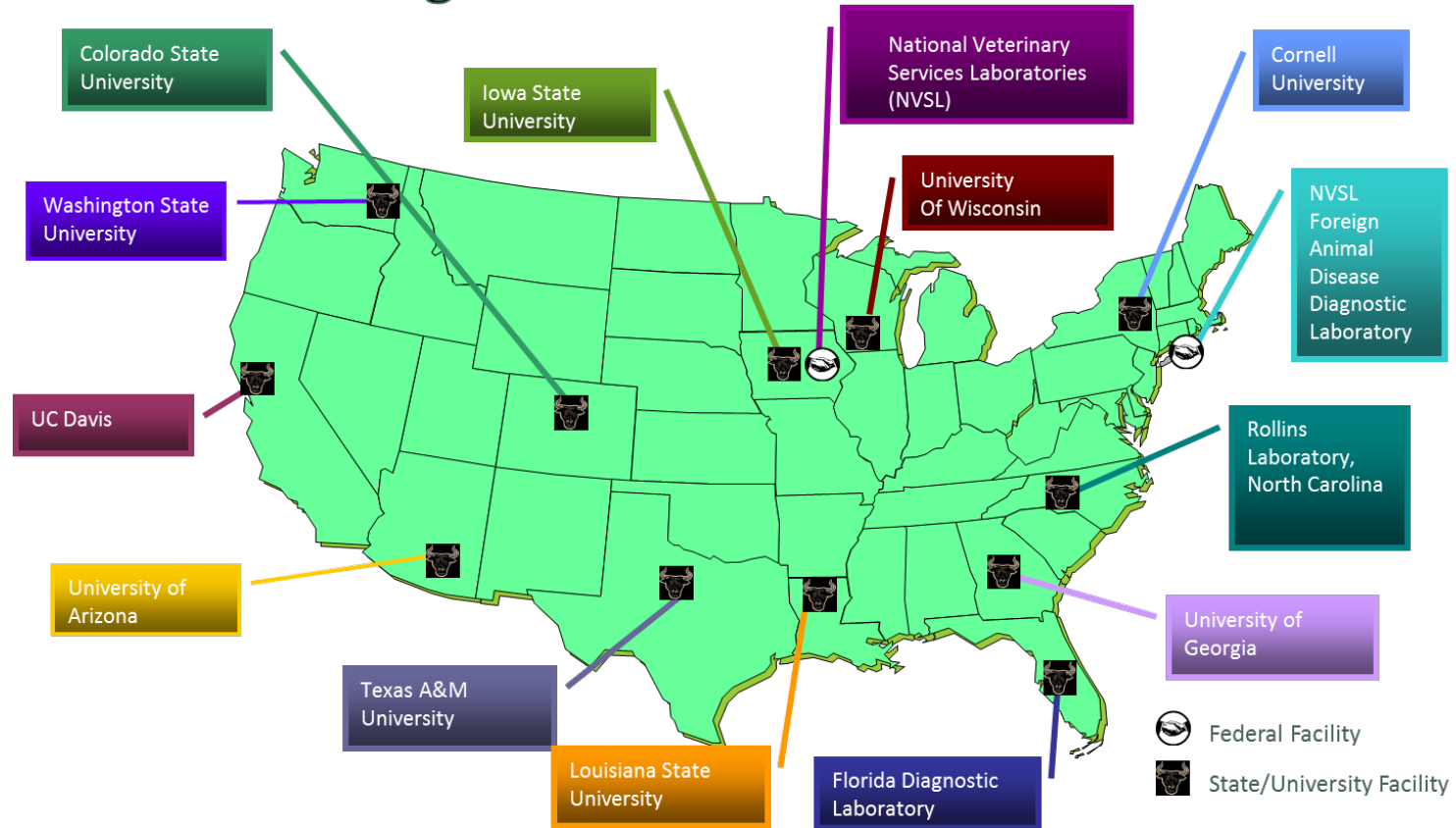
Outbreak Response

USDA APHIS Veterinary Services
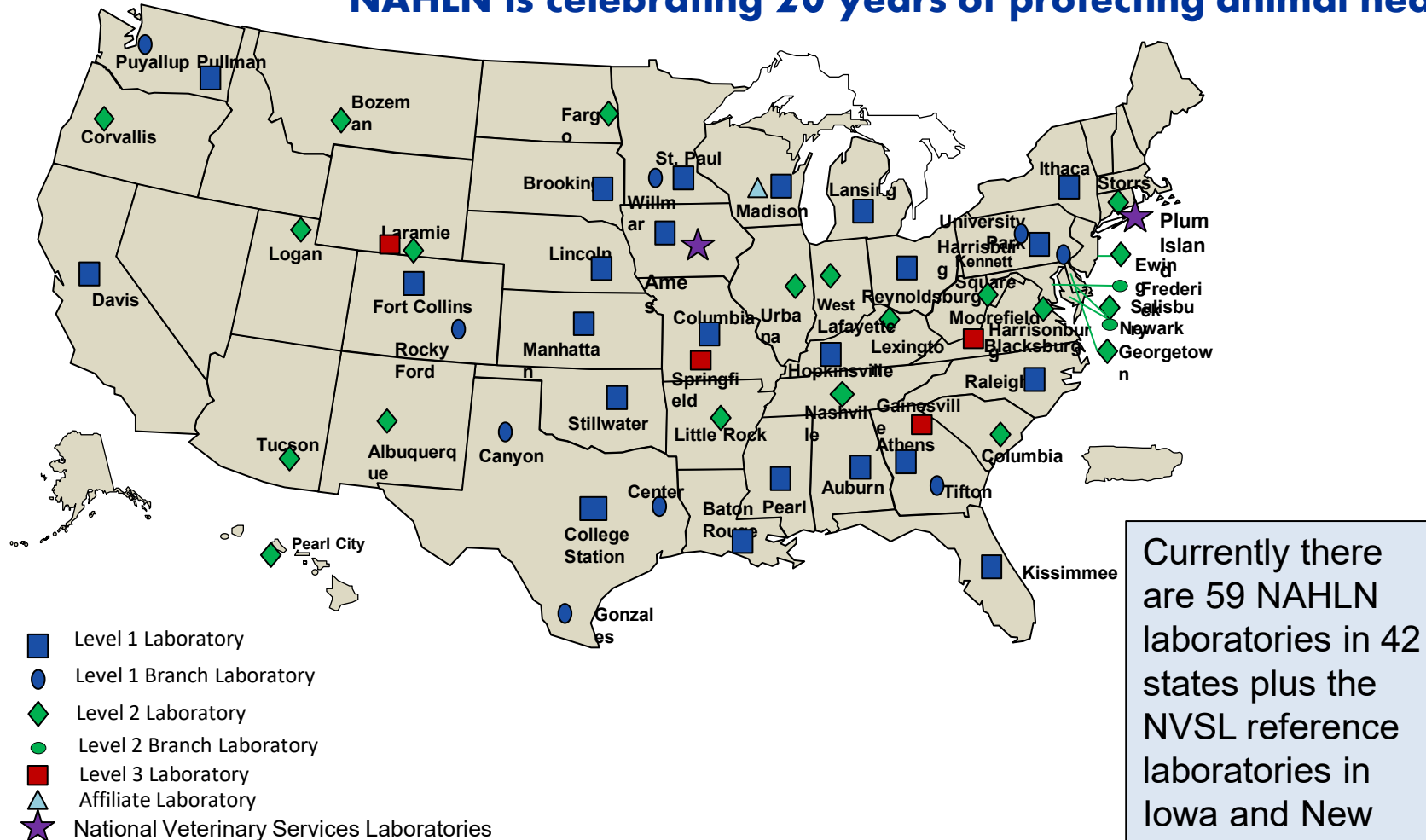
The original 12 NAHLN laboratories

NAHLN Laboratories in 2022

NAHLN is celebrating 20 years of protecting animal health.

Currently there are 59 NAHLN laboratories in 42 states plus the NVSL reference laboratories in Iowa and New York.

Legend:
- ■ Level 1 Laboratory
- ● Level 1 Branch Laboratory
- ◆ Level 2 Laboratory
- ● Level 2 Branch Laboratory
- ■ Level 3 Laboratory
- △ Affiliate Laboratory
- ★ National Veterinary Services Laboratories

March 22, 2022

The Purpose of the NAHLN

- Early detection of specific high-consequence animal diseases
  - Targeted surveillance based on population density & risk

- Rapid response following confirmation of disease
  - Surge capacity to test outbreak samples

- Appropriate recovery from an outbreak
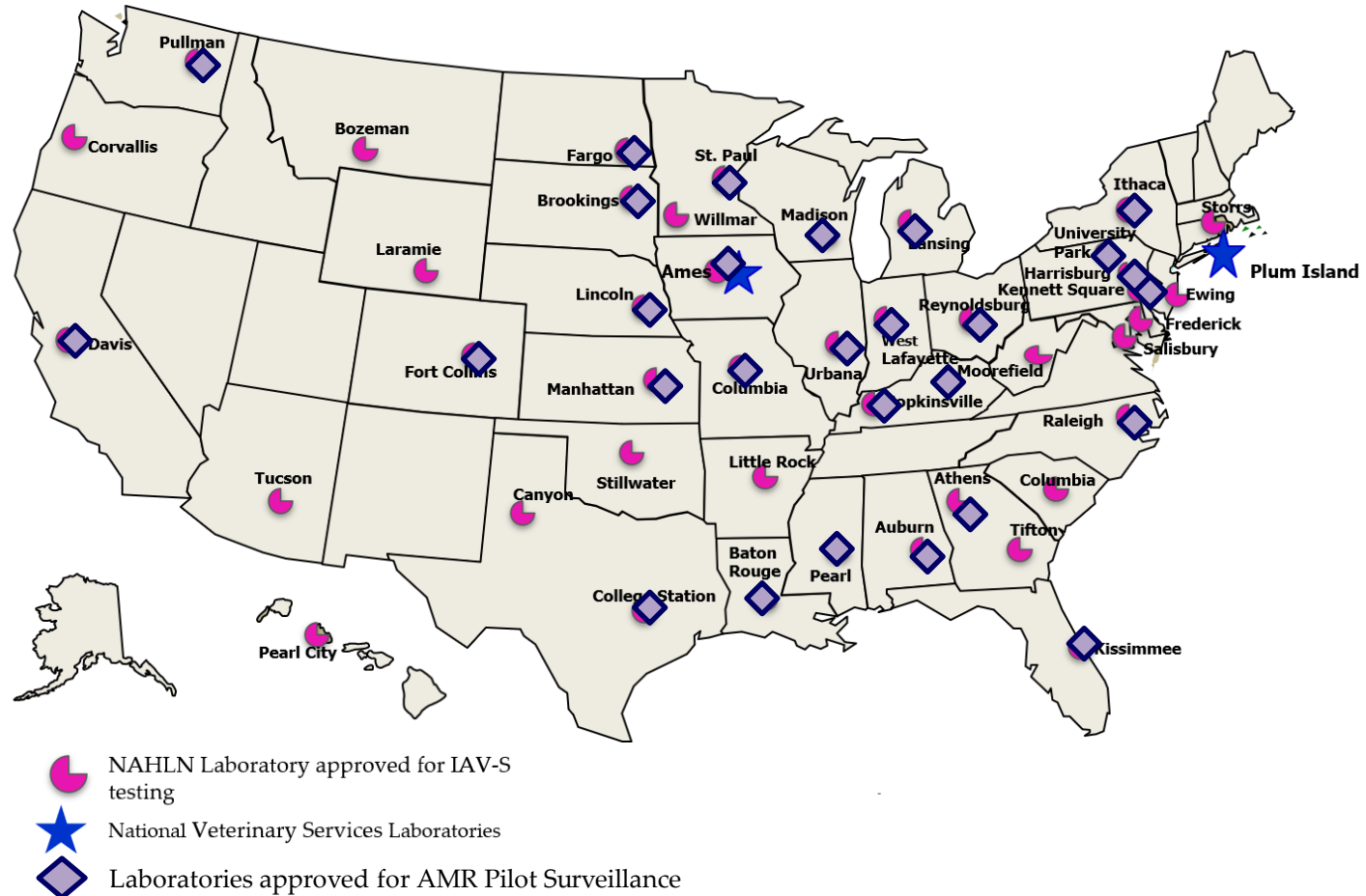 - Large numbers of samples tested to show freedom

NAHLN Laboratories Approved to Conduct IAV-S Testing
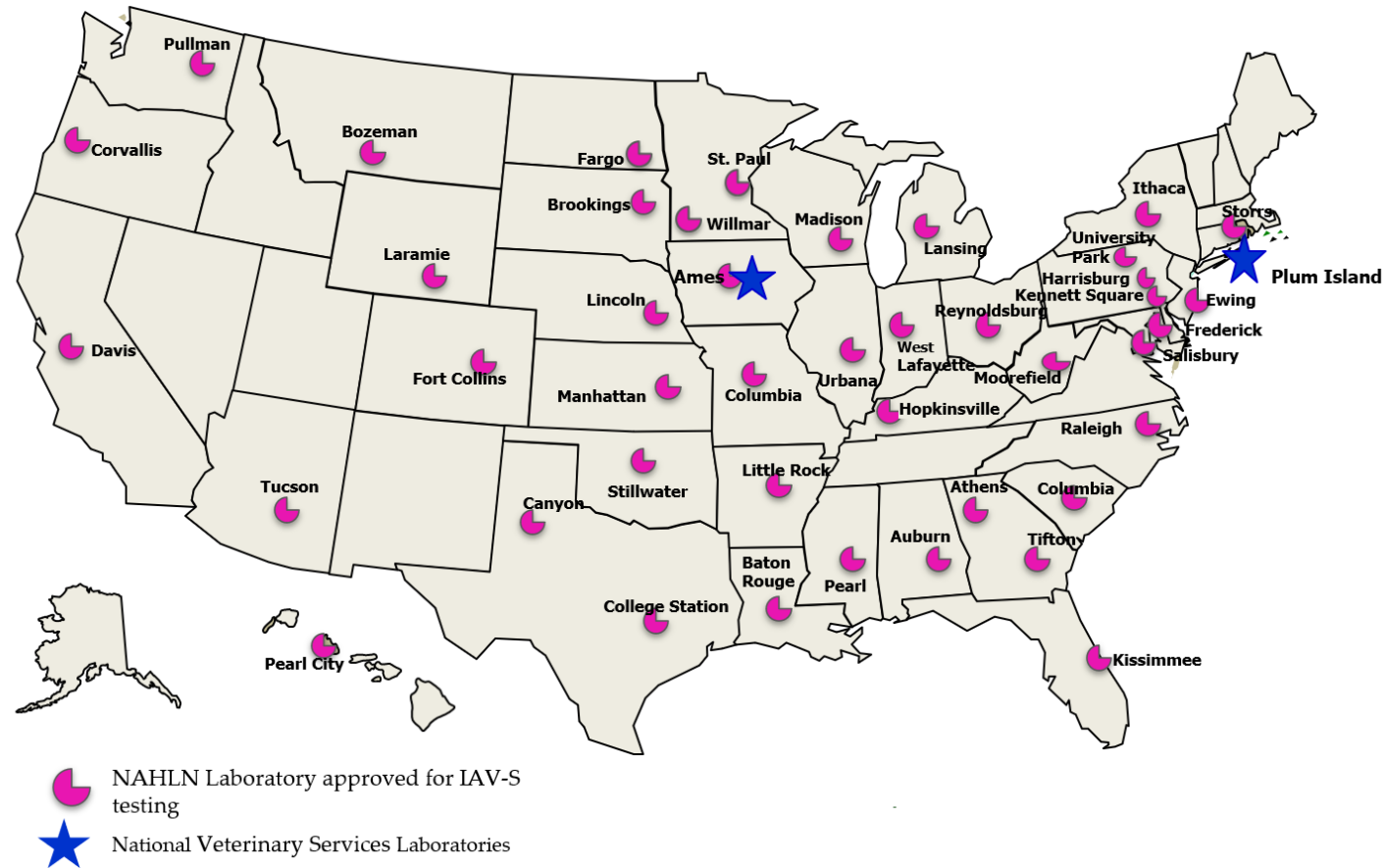
NAHLN Laboratories Approved to Conduct
AMR Surveillance

NAHLN Laboratory approved for IAV-S testing

National Veterinary Services Laboratories

Laboratories approved for AMR Pilot Surveillance

Collecting Information

Surveillance Data

- Swine influenza
- AMR

Discussion

- Weekly cross- unit calls within Veterinary Services
- Monthly calls with Agricultural Research Service
- ARS has direct interaction with the CDC

Response

- Reporting data real-time
- Correlating surveillance data

USDA

Communication

Internal

- NVSL
- Veterinary Services
- Incident Command Group

External

- NAHLN Laboratories
- NASAHO
- Industry
- One Health Federal Interagency

Communications

Communications

Thank you!

Questions?