



National Animal Health Laboratory Network

The National Animal Health Laboratory Network (NAHLN) is a nationally coordinated network of animal disease diagnostic laboratories that detects biological threats to U.S. animal agriculture to protect animal health, public health, and our country's food supply.



Originally composed of 12 laboratories, NAHLN now includes **66 State, Federal, and University laboratories** across **43 States**.



NAHLN laboratories can **test large numbers of samples for specific diseases**, including up to 450,000 PCR tests per week for avian influenza.



NAHLN laboratories are the **first line for early detection of adverse animal health events**, whether naturally or intentionally introduced.



The National Veterinary Services Laboratories (NVSL) are the **Nation's reference laboratories** for NAHLN and the U.S. Department of Agriculture (USDA).



Over 80 percent of Level 1 NAHLN laboratories have **in-house Biosafety Level 3 facilities**.



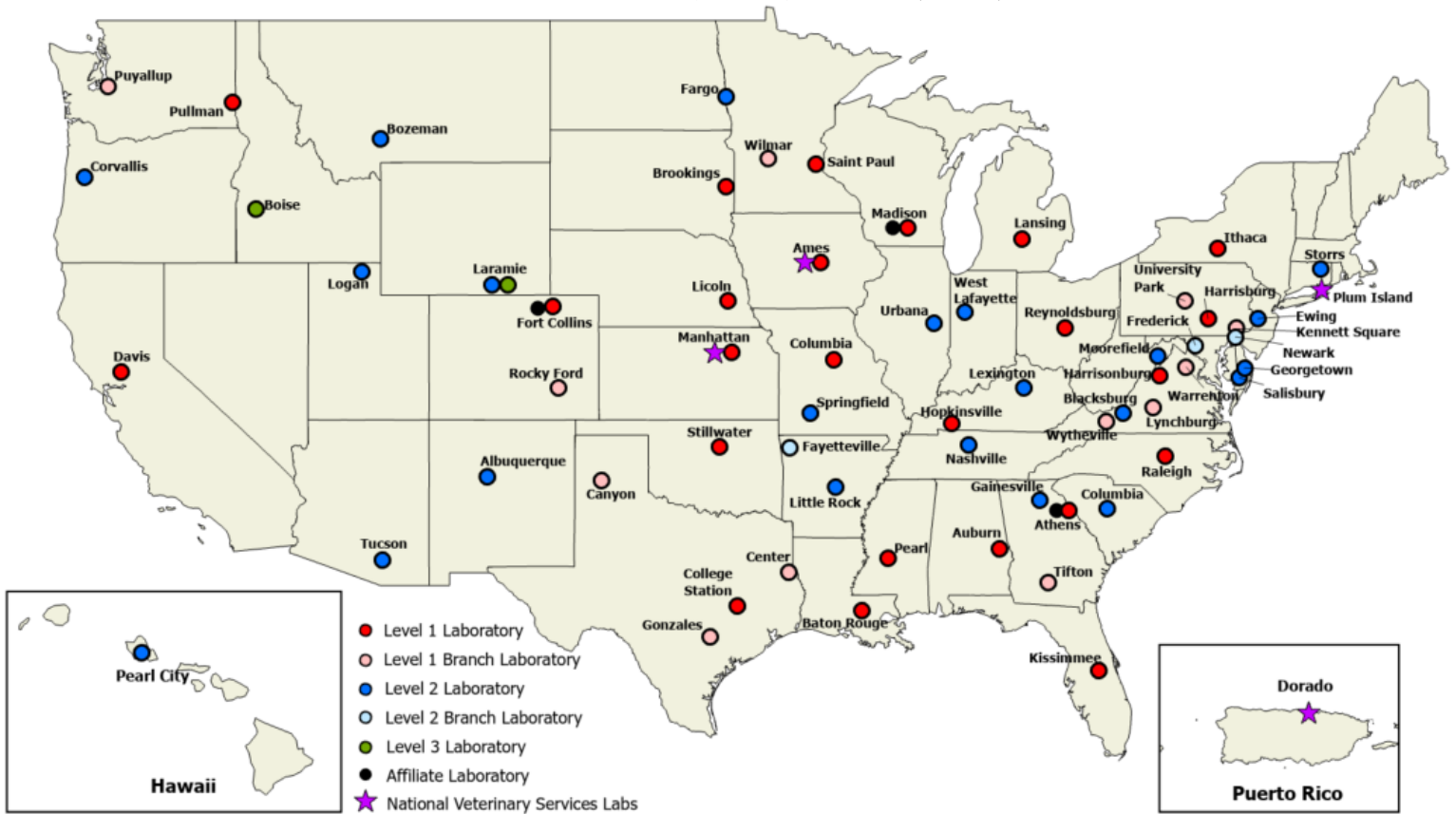
NAHLN supports early detection, rapid response, and recovery from high-consequence animal diseases. We also monitor antimicrobial resistance in livestock pathogens. Our vast laboratory network detects and tracks both locally and globally emerging threats to U.S. livestock and poultry, regardless of whether those threats are associated with farm animals or nonagricultural animals.

To ensure veterinary diagnostic laboratories are prepared to respond to critical disease outbreaks when they occur, NAHLN routinely conducts emergency response scenarios and training exercises. We also develop and enhance the diagnostic capabilities and capacities of laboratories in our network.

One example of NAHLN's critical role is our ongoing work to control highly pathogenic avian influenza (HPAI) in U.S. livestock. Since the outbreak began in 2022, NAHLN laboratories have helped develop and deliver significant diagnostic improvements to the response efforts.

Learn more at www.aphis.usda.gov/labs/nahln.

NAHLN Laboratory Designations (2025)



Level 1 Laboratories

Laboratories with a Level 1 designation meet the highest quality accreditation requirements. They provide surveillance and response testing, diagnostic development, training, and Biosafety Level 3 facility support.

Level 2 Laboratories

Laboratories with a Level 2 designation provide third-party accredited quality surveillance and response testing, surge capacity, diagnostic development, and training, as resources allow.

Level 3 Laboratories

Laboratories with a Level 3 designation offer surveillance testing and surge capacity support.

Affiliate Laboratories

Affiliates are Federal laboratories that can support surge capacity.

National Reference Laboratories

NVSL are the U.S. national reference and confirmatory laboratories.

NAHLN laboratories may be approved to test for:

- African swine fever
- Antimicrobial Resistance
- Bovine spongiform encephalopathy
- Chronic Wasting Disease
- Classical swine fever
- Newcastle disease
- Foot-and-mouth disease
- Infectious salmon anemia
- Influenza A virus in avian
- Influenza A virus in swine
- Pseudorabies virus
- Scrapie
- Spring viremia of carp
- Vesicular stomatitis virus
- Viral hemorrhagic septicemia

Go to **www.aphis.usda.gov/labs/nahln/approved-labs** to view NAHLN laboratories by State, designation, or disease testing.