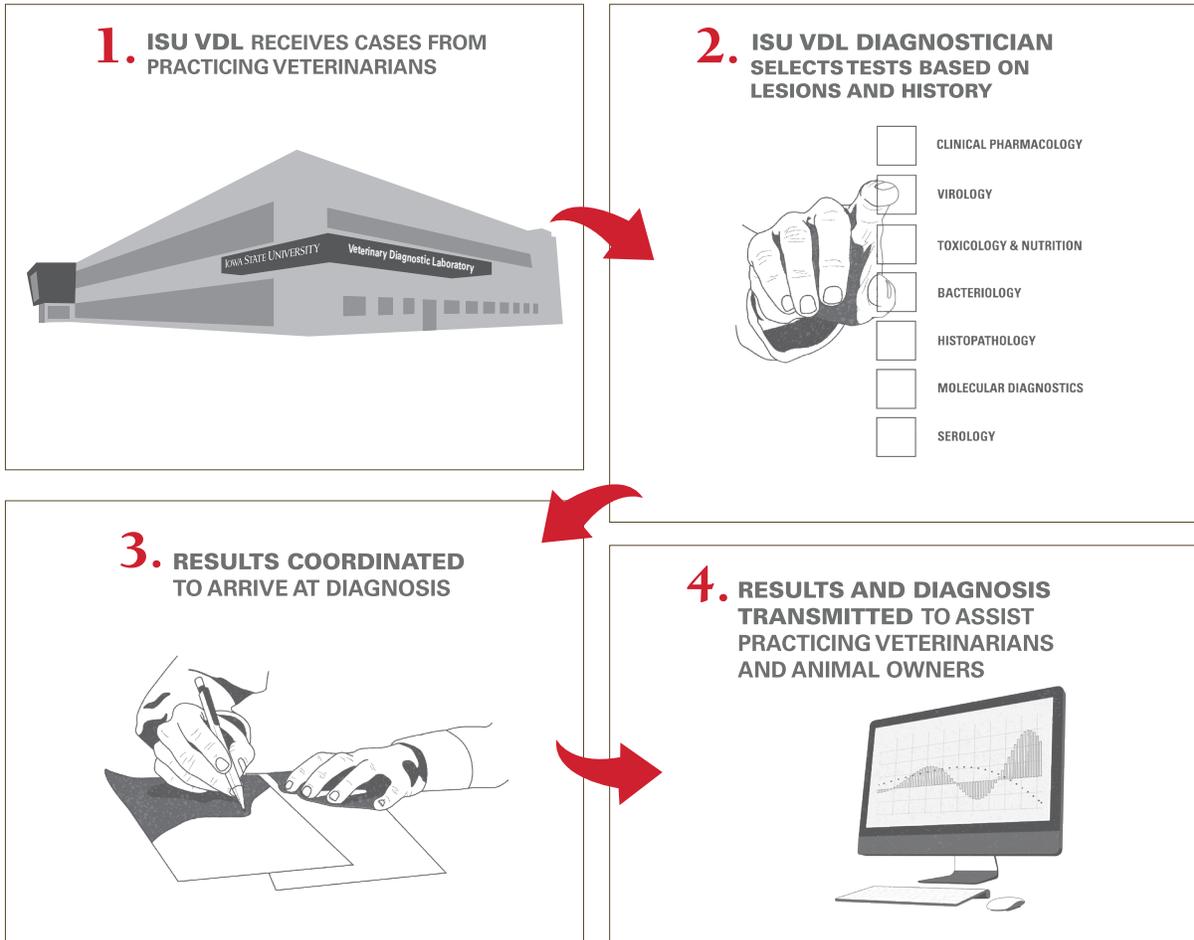
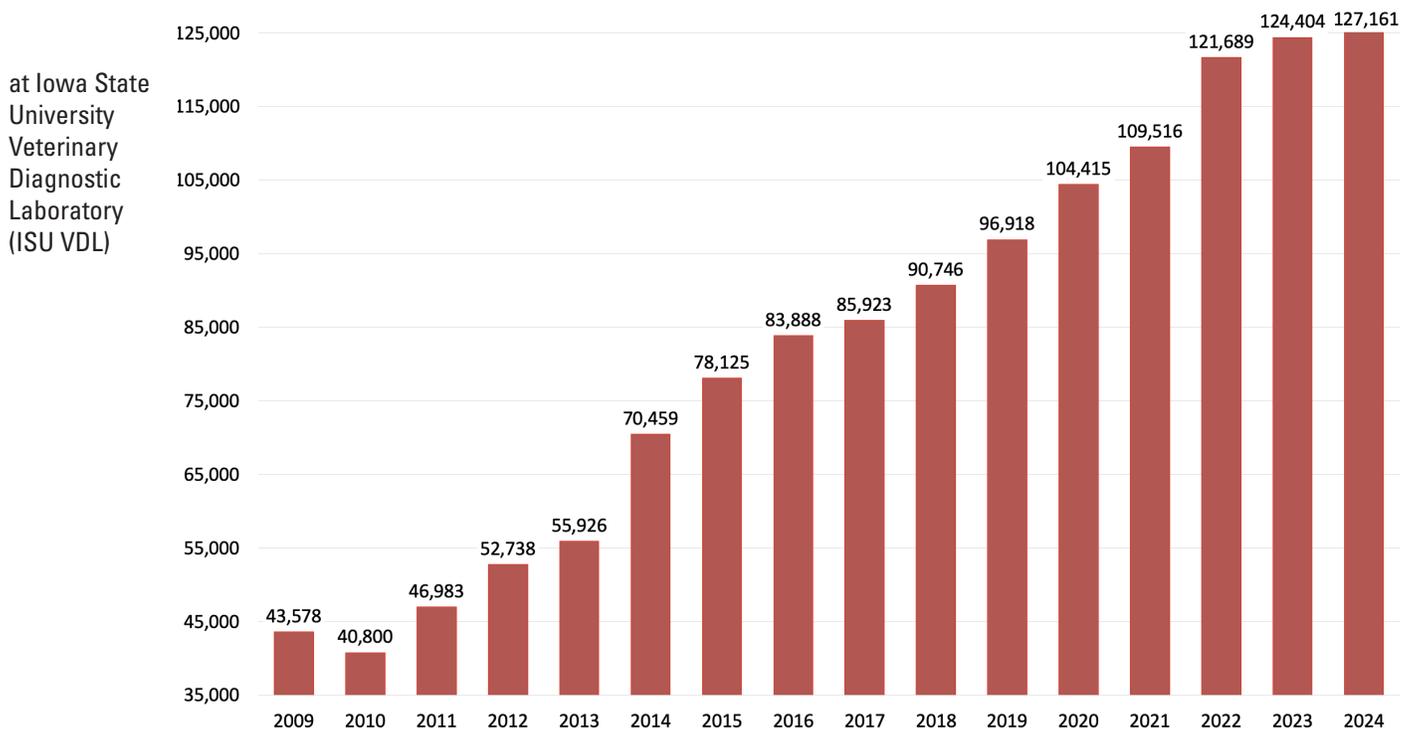


MODEL OF SERVICE, TEACHING, AND RESEARCH



CASES SUBMITTED AND PROCESSED



Iowa State University Veterinary Diagnostic Lab HIGHLIGHTS 2024

Onboarded Phase 1 and Initiated Two-site Operations



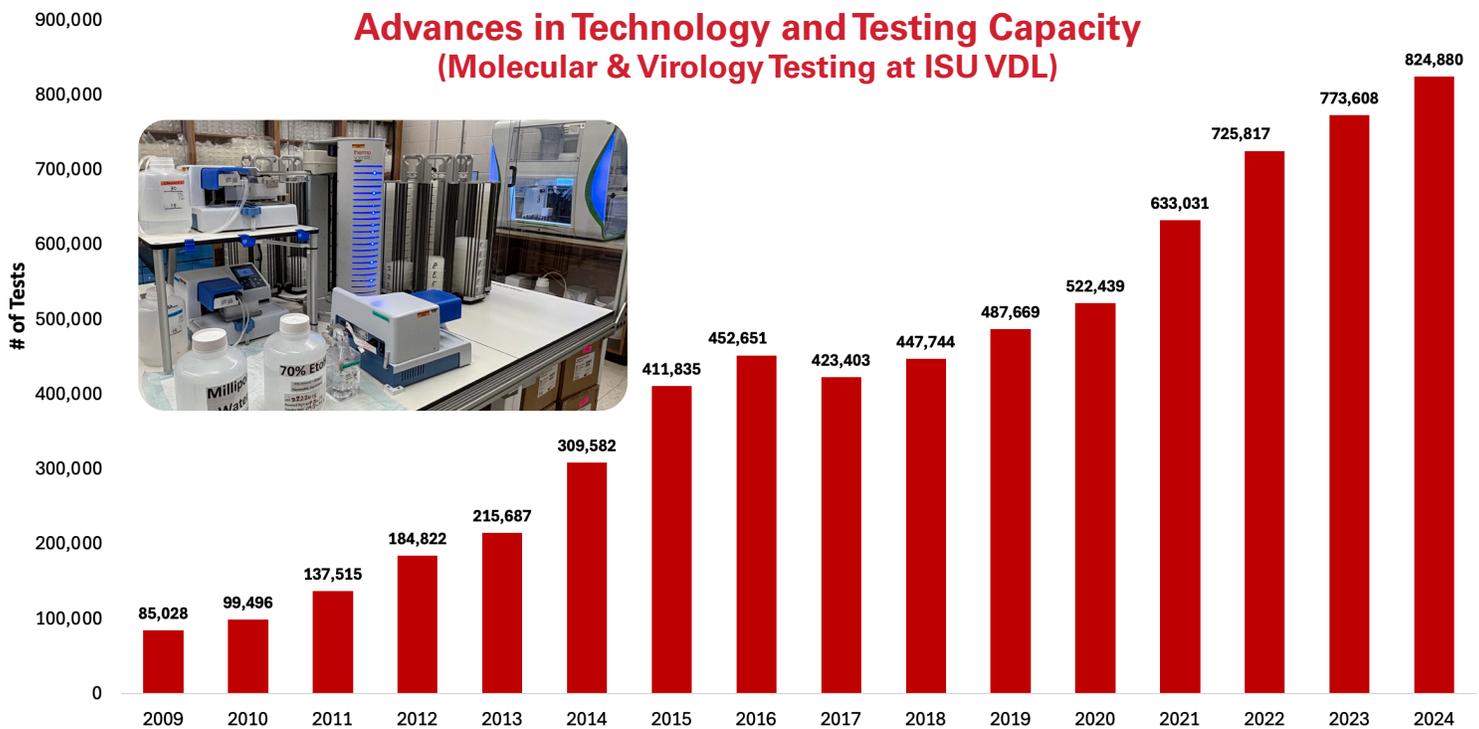
More than 80% of testing remains in legacy VDL spaces

Highly Pathogenic Avian Influenza (HPAI)



ISU VDL conducted 50,000 avian influenza tests on dairy, poultry, wild birds, and cats in 2024.

Advances in Technology and Testing Capacity (Molecular & Virology Testing at ISU VDL)



Leadership in Animal Health on a National Scale

- US Swine Health Improvement Plan



- Swine Disease Reporting System



- HPAI Response (Dairy and Poultry)



Avian Metapneumovirus (AMPV)

- Transboundary introduction of AMPV Type A and AMPV Type B into US in 2024.
- Among first to onboard full suite of AMPV diagnostic tests
- Successfully isolated both AMPV Type A & B in cell culture
- Passing isolates in cell culture to aid in vaccine development

