

Utah Veterinary Diagnostic Laboratory



Utah Veterinary Diagnostic Laboratory

- Cooperative effort
 - Utah Department of Agriculture and Food
 - Utah State University
- Laboratory assays & expertise to:
 - Safeguard animal health
 - Promote Utah's animal agricultural economy
 - Protect the public from zoonotic disease
 - Advance veterinary medicine



Utah Veterinary Diagnostic Laboratory

- Serves Utah's:
 - Animal owners, farmers & ranchers
 - Veterinarians
 - State & federal animal health regulatory agencies
 - Department of Natural Resources
 - Public health officials
 - Law enforcement
 - Utah State University



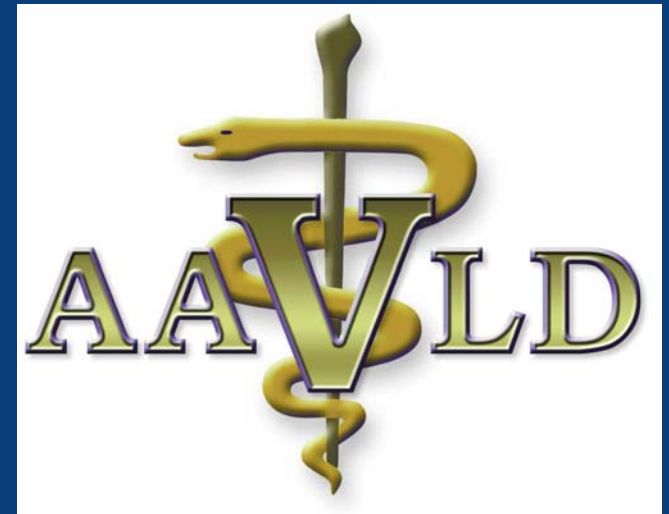
Service to Utah State University

- School of Veterinary Medicine (SVM)
 - Faculty teach pathology courses
 - Pathology residents teach SVM laboratories in surgery, histology, general pathology & systemic pathology
 - Specimen source for pathology, clinical pathology & bacteriology courses
- USU researchers
 - Autopsy & histopathology of research animals
 - Immunohistochemistry



National Accreditation

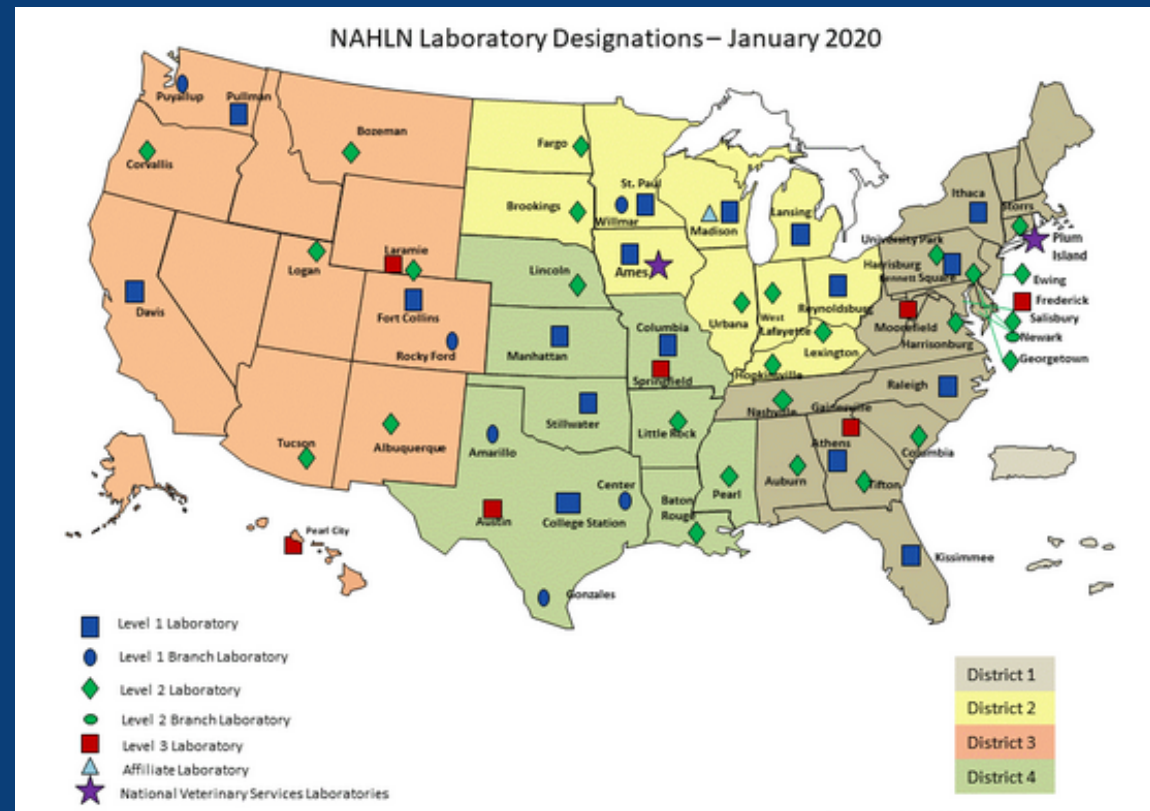
- Accredited by the American Association of Veterinary Laboratory Diagnosticians (AAVLD), 2009 to current



“AAVLD Accreditation does not certify a product or service, rather it attests that a laboratory adheres to documented processes and quality controls in conformance with ISO-based international standards.”

National Animal Health Laboratory Network

- NAHLN Level 2 Laboratory
 - Allows official tests for foreign animal & emerging diseases
 - More rapid diagnostics
 - Increased capacity
 - Vesicular stomatitis, Fall 2019
 - Suspect Foot & Mouth Disease, December 2019
 - Exotic Newcastle Disease, Summer 2019



2019 UVDL Accessions

- Case submissions: 11,274
- Laboratory assays: 103,514

Test type	Number
Bacteriology	3,531
Clinical Pathology	2,455
Immunohistochemistry	902
Molecular Diagnostics	28,019
Parasitology	929
Pathology	3,414
Serology	60,725
Toxicology	3,539

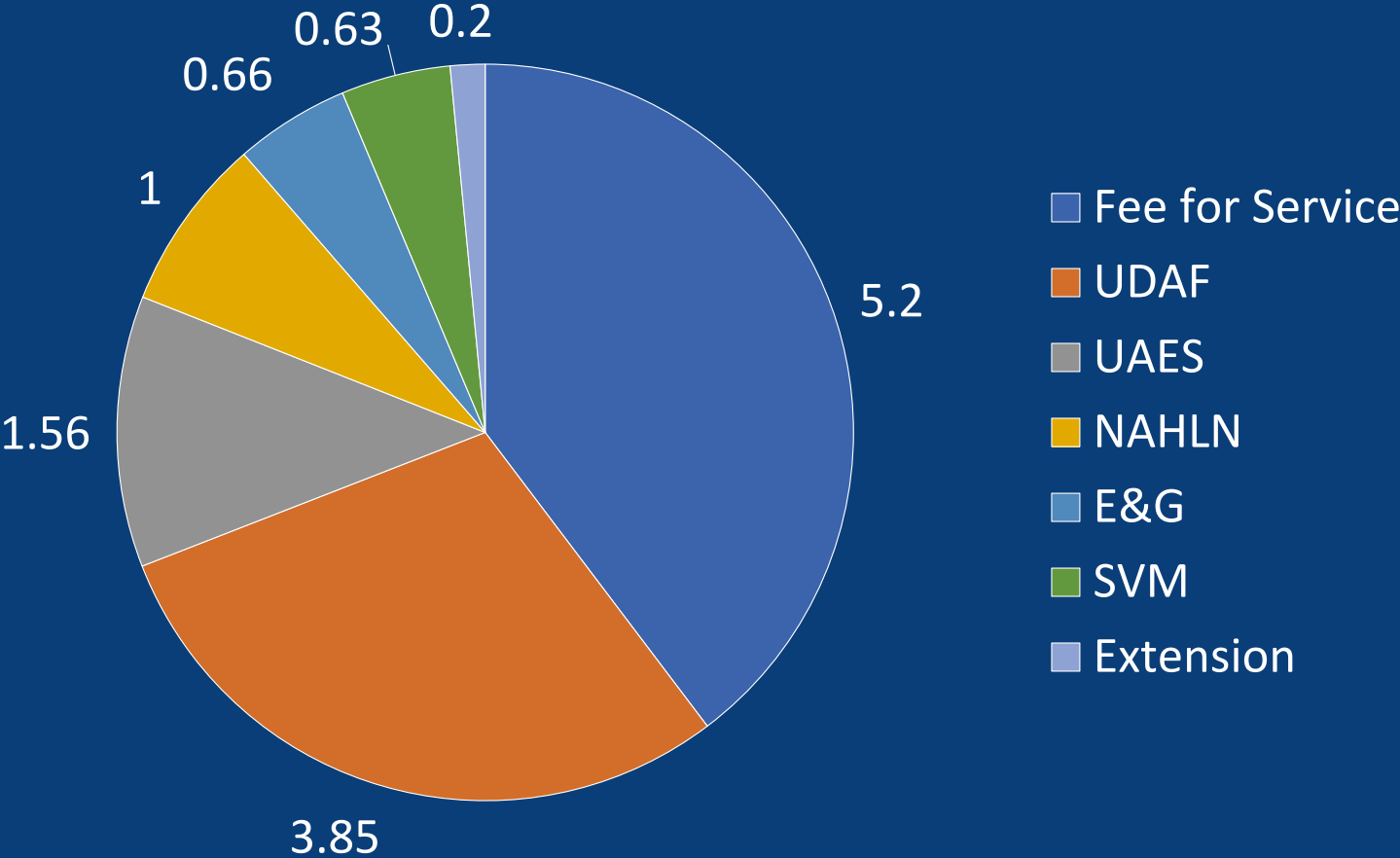


Personnel

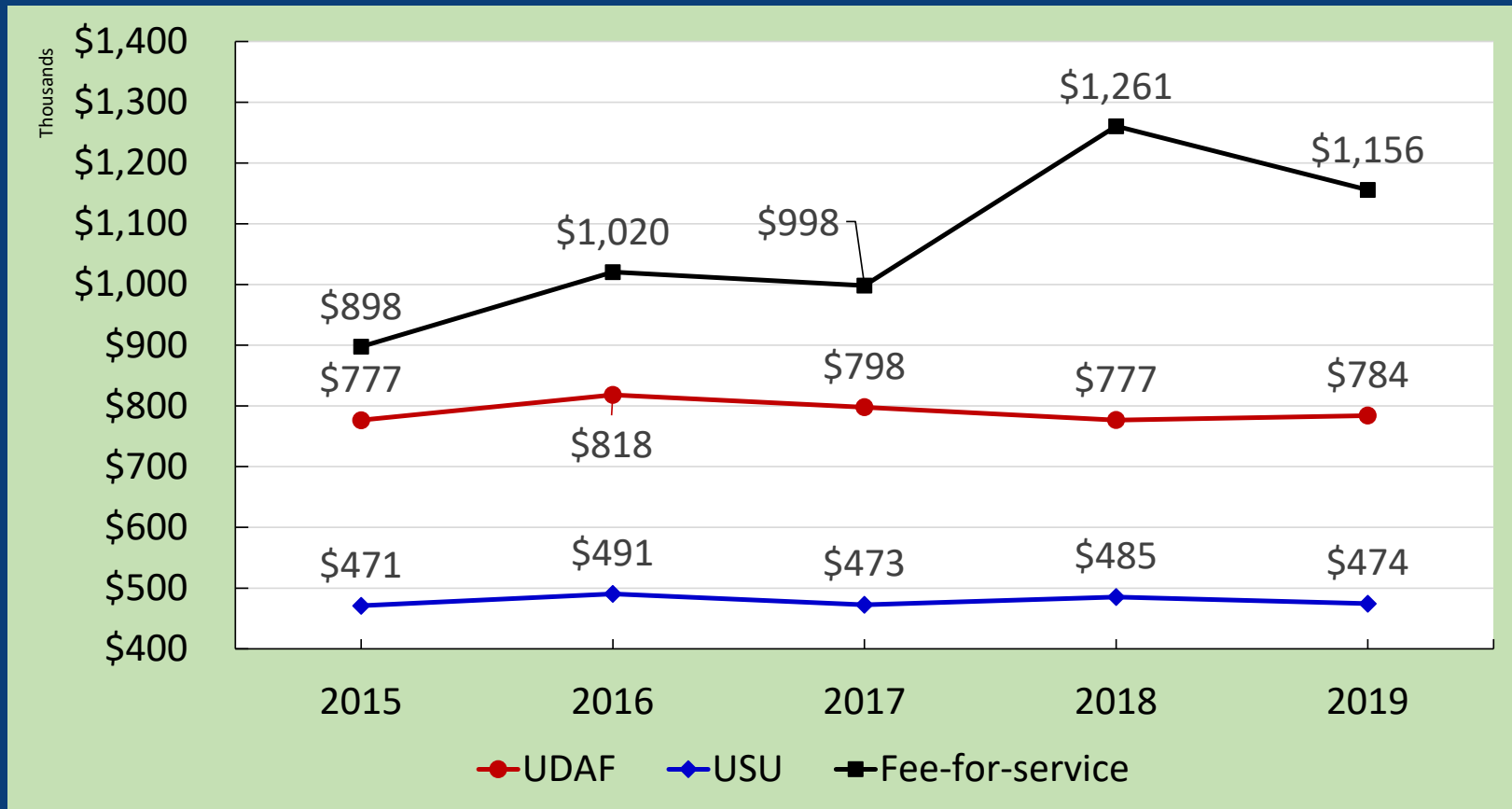
- Veterinary professionals (5.1 FTE)
 - Pathologists (2.85)
 - Toxicologist (0.55)
 - Microbiologist/diagnostician (0.95)
 - Epidemiologist (0.25)
 - Poultry diagnostician (0.20)
 - Virologist (0.30)
- Support staff: (8.0 FTE)



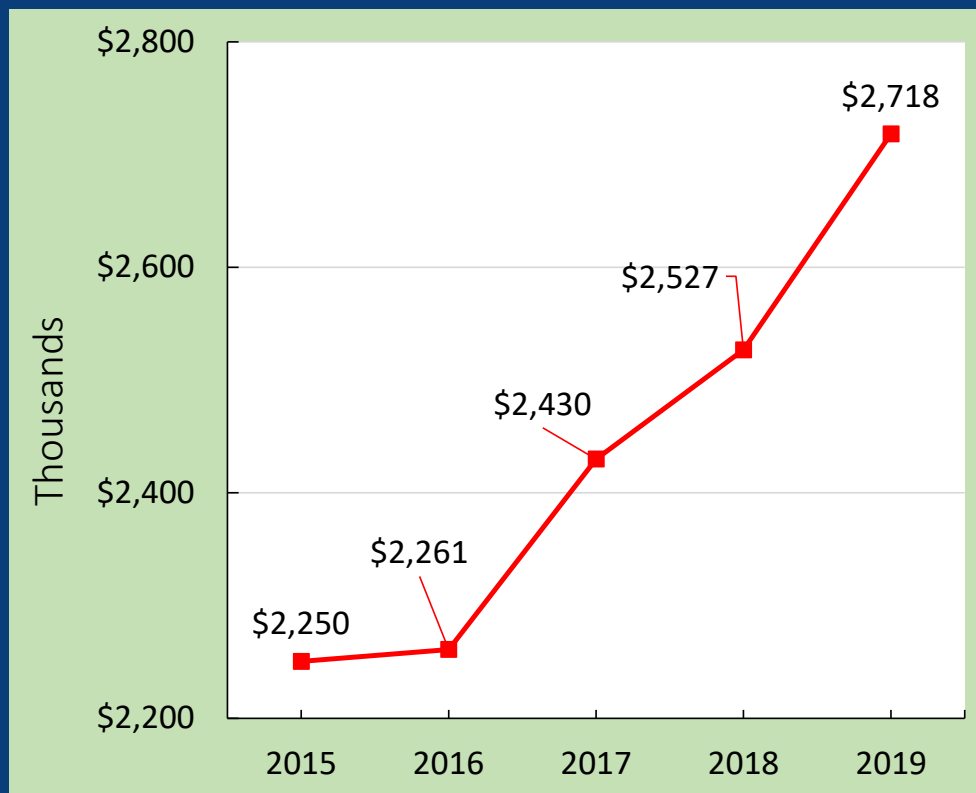
Personnel Funding (FTE) by Source



UVDL Funding, 2015-2019



Operating costs, 2015-2019



Operating costs, 2019

Expenditure	Amount (\$1000)
Personnel	\$1,472
Facilities O&M	\$317
Equipment	\$249
Equipment maintenance	\$72
Operating	\$236
Laboratory supplies	\$372
Total	\$2,718

The widening gap

Year	Public support (\$1000)	Fees-for-service (\$1000)	Expenditures (\$1000)	Balance (\$1000)
2015	\$1,248	\$898	\$2,250	(\$104)
2016	\$1,309	\$1,020	\$2,261	\$68
2017	\$1,271	\$998	\$2,430	(\$161)
2018	\$1,262	\$1,261	\$2,527	(\$4)
2019	\$1,258	\$1,156	\$2,718	(\$304)
			Total	(\$505)

- NAHLN funding (grant) & reserve funds from fee-for-service testing partially offset losses.
- End FY 2020 in debt. Current deficit (\$121,000)

Consequences

- Increased user fees
 - Fees meet or exceed those of other labs
 - Higher costs to animal owners & veterinarians
- Outsourcing of laboratory assays
 - Higher costs
 - Longer turnaround times
- Two lost positions
 - Chemist position closed already
 - Pathologist position closes June 2020
- No new assays or technologies



Questions?

