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Board of Animal Health

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AT A GLANCE

In FY2020,

- 48 employees across the state.
- Conducted 101 foreign animal disease investigations.
- Permitted 84 county fairs and the Minnesota State Fair.
- Trained and reauthorized 200 commercial poultry and 61 waterfowl, exhibition, gamebird, and backyard Authorized Poultry Testing Agents to submit samples to the Minnesota Poultry Testing Laboratory for routine disease monitoring.
- Received 55,410 Certificates of Veterinary Inspection and 6,605 other approved movement documents representing imports, exports, and some intrastate movements.

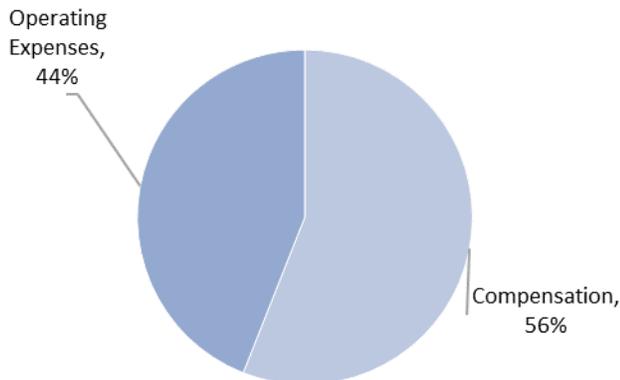
PURPOSE

The mission of the Minnesota Board of Animal Health (Board) is to protect the health of the state's domestic animals through education and cooperation with veterinarians, producers, owners and communities. As part of its work, the Board provides many services to Minnesota's veterinarians, livestock owners, and the public:

- Partner with veterinarians and farmers to promote animal health through proactive measures such as vaccination and biosecurity plans.
- Inspect livestock auction markets and sales permitted by the Board to make sure animals are officially identified when required and in good health when they are bought and sold.
- Permit exhibitors so they can show their animals at fairs, petting zoos and events throughout Minnesota.
- Teach livestock producers how to collect testing samples from their herd to help identify illness and disease.
- Educate stakeholders about biosecurity and the process of minimizing risks of diseases entering their farms on people, equipment, feed and wild animals.
- Protect public health with the Department of Health by monitoring and reporting zoonotic diseases like rabies and Salmonella which can spread from animals to people.
- Distribute reportable disease newsletters to remind veterinarians about different diseases that could appear in livestock and domestic animals and must be reported to the Board.
- The following is a breakdown of the number of animal herds the Board helped to keep disease-free in Minnesota during FY20:
 - 30,916 cattle herds
 - 7,763 swine herds
 - 10,024 poultry premises
 - 119 commercial dog or cat breeders
 - 84 kennels
 - 289 deer and elk herds
 - 16,463 premises with horses
 - 3,660 sheep flocks
 - 3,218 goat herds

BUDGET

**Spending by Category
FY 2019 Actual**



Add any footnotes on charts above

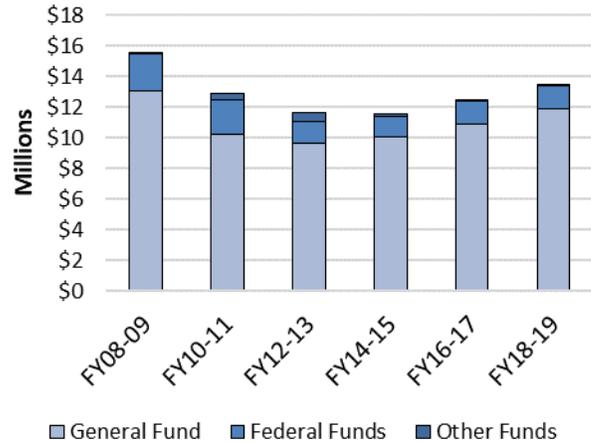
Source: Budget Planning & Analysis System (BPAS)

Total expenditures for FY19 = \$7.231 million.

The Board uses its funding for three main activities:

1. Disease surveillance, control, and eradication
2. Inspections
3. Education and outreach

Historical Spending



Add any footnotes on charts above

Source: Consolidated Fund Statement

The Board has three funding sources:

1. General funds appropriation
2. Federal cooperative agreements
3. Other sources, e.g. licensing and inspection fees

STRATEGIES

Many animals move into, out of, and within Minnesota every day. One of the Board's biggest tasks is to maximize the probability that those animals are disease-free. To accomplish this, the Board:

- Ensures that if a disease outbreak occurs, animals can be traced and diseases contained. The Board has a system in place to detect, control, and eradicate domestic animal diseases. This strategy is economically impactful, because it allows for free trade of animals and animal products with other states and countries.
- Employs staff members who verify rules and laws governing animal health and safety are being followed during routine visits to farms, livestock sales, livestock exhibitions, and kennels. An example of strategy implementation is the constant vigilance and response of the Foreign Animal Disease Diagnostician (FADD) team. This team conducted a total of 101 Foreign Animal Disease investigations in Minnesota FY20, and have already conducted 27 investigations in the first two months of FY21. These investigations routinely take place with little to no interruption in Minnesota's livestock industry.
- Focuses on improvement through exercises. The Board participated in the Swine Fever Exercise for Agriculture Response (SFEAR) exercise in September 2019 with the USDA, state and local agencies from across the country, and representatives from the swine industry. Minnesota was one of 14 states to take part in the four-day simulation to test emergency response efforts addressing a fictitious case of African Swine Fever (an economically damaging, highly contagious animal disease with no vaccine or effective treatment). Through participation, the Board recognized strengths, identified gaps in planning, and consider opportunities in training and protocols.

RESULTS

The Board's most noticeable work is during an animal disease emergency, such as the responses to bovine tuberculosis in the 2000's and the avian influenza outbreak in 2015. In both outbreaks, the Board worked with

producers and agency partners, both state and federal, in joint efforts to stop the spread of disease and eradicate it from herds, flocks, and wild animal populations. An effective response ensures animals and people alike stay healthy, and producers can restock their barns and sustain Minnesota’s \$7.1 Billion livestock industry.

A recent example of results from the Board’s strategies is Chronic Wasting Disease (CWD) surveillance of farmed Cervidae. CWD is fatal to cervids and there are no treatments or vaccines. There are 8,139 farmed Cervidae in Minnesota across 289 herds. Upon death, harvest, or slaughter, samples are taken from farmed Cervidae and sent to the Minnesota Veterinary Diagnostic Lab for detection of CWD. During FY20, there were two positive results from this testing; one in December 2019 and one in January 2020. These positives were traced to two herds, which were subsequently depopulated. Six CWD infected animals were found in the 11 animals across these herds. The Board will continue to monitor these sites, and the fences will be maintained for five years to prevent access to the herd enclosures by wild deer.

The following table represents additional efforts by the Board in FY19 and FY20.

Table 1: Board of Animal Health Additional Efforts, FY19 and FY20

Type of Measure	Name of Measure	Previous	Current	Dates
Quantity	Number of permitted county fairs and exhibitions.	126	110	Quantity
Quantity	Number of bovine tuberculosis traces performed.	116	117	Quantity
Quality	Number of cervid farms inspected.	355	310	Quality
Quality	Number of inspections in livestock markets.	267	292	Quality
Quality	Number of commercial dog or cat breeder inspections.	128	135	Quality
Quality	Number of kennel inspections.	90	86	Quality
Quality	Number of inspected county fairs and exhibitions.	88	58	Quality
Quality	Number of poultry inspections.	479	467	Quality
Results	Number of animals discovered in Minnesota with tuberculosis.	0	0	Results
Results	Number of disease outbreaks at a fair or exhibition.	0	0	Results
Results	Number of Avian Influenza surveillance tests in poultry conducted	67,614	66,234	Results
Results	Number of Mycoplasma surveillance tests in poultry conducted	118,708	129,464	Results
Results	Number of Salmonella surveillance tests in poultry conducted	4,993	6,120	Results

Minnesota Chapter 35 (<https://www.revisor.mn.gov/statutes/?id=35>) provides the legal authority for the Board of Animal Health.

(Dollars in Thousands)

	Actual FY18	Actual FY19	Actual FY20	Estimate FY21	Forecast Base	
					FY22	FY23
<u>Expenditures by Fund</u>						
1000 - General	5,181	6,699	5,541	6,169	5,877	5,877
2000 - Restrict Misc Special Revenue	61	23	275	147	147	147
3000 - Federal	982	509	704	689	624	591
Total	6,225	7,231	6,520	7,005	6,648	6,615
Biennial Change				69		(262)
Biennial % Change				1		(2)

Expenditures by Program

Livestock and Poultry Health	6,225	7,231	6,520	7,005	6,648	6,615
Total	6,225	7,231	6,520	7,005	6,648	6,615

Expenditures by Category

Compensation	3,828	4,049	4,336	3,956	4,274	4,238
Operating Expenses	2,396	3,177	2,035	2,911	2,370	2,373
Capital Outlay-Real Property		1	141	130	1	1
Other Financial Transaction	1	4	8	8	3	3
Total	6,225	7,231	6,520	7,005	6,648	6,615

Total Agency Expenditures	6,225	7,231	6,520	7,005	6,648	6,615
Internal Billing Expenditures			0	1	1	1
Expenditures Less Internal Billing	6,225	7,231	6,520	7,004	6,647	6,614

<u>Full-Time Equivalent</u>	40.20	41.73	42.30	38.77	41.79	41.59
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Animal Health, Board of

Agency Financing by Fund

(Dollars in Thousands)

	Actual FY18	Actual FY19	Actual FY20	Estimate FY21	Forecast Base	
					FY22	FY23
1000 - General						
Balance Forward In	1,297	1,601	36	292		
Direct Appropriation	5,419	5,467	5,797	5,877	5,877	5,877
Transfers Out		93				
Cancellations		240				
Balance Forward Out	1,534	36	292			
Expenditures	5,181	6,699	5,541	6,169	5,877	5,877
Biennial Change in Expenditures				(170)		44
Biennial % Change in Expenditures				(1)		0
Full-Time Equivalents	35.95	39.21	35.91	34.38	37.50	37.40

2000 - Restrict Misc Special Revenue

Balance Forward In	260	263	301	171	172	173
Receipts	64	61	145	148	148	148
Balance Forward Out	263	301	170	172	173	174
Expenditures	61	23	275	147	147	147
Biennial Change in Expenditures				338		(128)
Biennial % Change in Expenditures				399		(30)
Full-Time Equivalents	0.49		2.35	1.30	1.20	1.10

3000 - Federal

Receipts	982	509	704	689	624	591
Expenditures	982	509	704	689	624	591
Biennial Change in Expenditures				(98)		(178)
Biennial % Change in Expenditures				(7)		(13)
Full-Time Equivalents	3.76	2.52	4.04	3.09	3.09	3.09

(Dollars in Thousands)

	FY21	FY22	FY23	Biennium 2022-23
Direct				
Fund: 1000 - General				
FY2021 Appropriations	5,877	5,877	5,877	11,754
Forecast Base	5,877	5,877	5,877	11,754
Dedicated				
Fund: 2000 - Restrict Misc Special Revenue				
Planned Spending	147	147	147	294
Forecast Base	147	147	147	294
Fund: 3000 - Federal				
Planned Spending	689	624	591	1,215
Forecast Base	689	624	591	1,215
Revenue Change Summary				
Dedicated				
Fund: 2000 - Restrict Misc Special Revenue				
Forecast Revenues	148	148	148	296
Fund: 3000 - Federal				
Forecast Revenues	689	624	591	1,215
Non-Dedicated				
Fund: 1000 - General				
Forecast Revenues	11	11	11	22