



Eric J. Holcomb, Governor
Bret D. Marsh, DVM, State Veterinarian

INDIANA STATE BOARD OF ANIMAL HEALTH

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INDIANA STATE BOARD OF ANIMAL HEALTH
QUARTERLY MEETING

The Indiana State Board of Animal Health (BOAH) will hold its quarterly meeting at **9:30 a.m. on Tuesday, April 11, 2023** at the Board of Animal Health office on the Indiana State Fairgrounds at Discovery Hall, Suite 100, 1202 E. 38th Street, Indianapolis, IN 46205.

MEETING AGENDA

Recognition of BOAH Employees for Years of Service

1. Approval of minutes of the previous quarterly meeting: January 10, 2023.
2. Presentation: Dr. John Blanton, Head and Professor, Department of Animal Sciences, Purdue University
3. Animal Disease Diagnostic Laboratory (ADDL) Report
 - a. Consideration for final approval – Fee changes for ADDL services
4. Technical Services
 - a. Public Information report - Denise Derrer Spears
 - b. Chief of Staff report - Gary Haynes
 - c. General Assembly update – Sarah Simpson
5. Animal Programs Division Report - Dr. Kyle Shipman
 - a. Cervid Programs – Dr. Shelly Chavis
 - b. Avian Health – Dr. Mike Kopp, Dr. Maria Cooper
 - c. Swine Health – Dr. Kelli Werling
 - d. Animal Welfare programs – Hannah Fisher
6. Food Safety
 - a. Meat and Poultry Division – Dr. Kerri Suhr
 - b. Dairy Inspection Division – Patrick Hash
7. Other Business:
 - a. State Veterinarian’s Report; Bret D. Marsh, D.V.M., Indiana State Veterinarian
 - b. Establish date for the July 2023 meeting. Proposed date: July 11, 2023
 - c. Election of Officers:
 - i. Chairperson
 - ii. Vice Chairperson
 - iii. Hearing Officer

Cc: Lt. Governor’s Office, Attorney General’s Office, Media, USDA-AVIC, BOAH Cabinet Members

Indiana State Board of Animal Health
Meeting Minutes
January 10, 2023

Executive Session

An executive session under Ind. Code 5-14-1.5-6.1(b)(9) was called to order at 9:30 a.m. to evaluate the job performance of the State Veterinarian. The Board certifies by approving these minutes that they did not discuss any other subject matter. The public was not invited to attend the session. Chief of Staff Gary Haynes attended the meeting at the request of the Chairperson.

Quarterly Meeting

The Indiana State Board of Animal Health (BOAH) held its regular quarterly meeting on Tuesday, January 10, 2023. The meeting was held at the Board of Animal Health office at Discovery Hall, Suite 100, 1202 E 38th Street, Indianapolis. Board members participated by attending in-person and electronically via Microsoft Teams video and audio conference.

Chairperson Dr. William Doig called the meeting to order at 9:45 a.m. and conducted a roll call of the board members.

Members Participating: William Doig, DVM, Chairperson; attended in-person
Julie Davis, DVM, Vice Chairperson; attended in-person
Mr. David Hardin; attended in-person
Greg Hoagland, DVM; attended electronically
Mr. Ty Harweger; attended in-person
Mr. Tim Rice; attended electronically
Amy Lanum, DVM; attended in-person
Mr. Rick Davis, attended in-person
Dr. Darryl Ragland, attended in-person

Members Absent: Mr. Kraig Bowers
Mr. Keith Beer

Vacant Position: None

BOAH Staff Participating:

Bret D. Marsh, DVM, State Veterinarian
Gary Haynes, Chief of Staff
Denise Derrer, Public Information Officer
Jared Hagenow, Assistant Public Information Officer
Sarah Simpson, General Counsel
Kyle Shipman, DVM, Director, Animal Programs Division
Maria Cooper, DVM, Deputy Director, Animal Programs Division
Mike Kopp, DVM, Avian Health Director
Hannah Fisher, Animal Welfare Operations Director

Patrick Hash, BOAH, Director, Dairy Division
Dr. Rene Swiatkoswki, DVM, Deputy Director, Meat and Poultry Division

Chairperson Dr. Bill Doig proceeded with the posted agenda. (Exhibit 1)
A roll call of the Board members was taken.

Recognition of BOAH Employee's Years of Service

State Veterinarian Dr. Bret Marsh recognized the following BOAH employees for years of service to the State of Indiana:

Melissa Justice, DVM, 15 years
Kassie Gunn, 15 years

Executive Session Discussion

Chairperson Doig indicated the Board met in executive session earlier in the day and discussed the job performance of State Veterinarian Dr. Bret Marsh during 2022. Chairperson Doig stated the discussion included many superlatives such as great work and leadership and best in the country. Ty Harweger stated that from the poultry industry perspective, his company operates in several states and the Indiana response to highly pathogenic avian influenza in 2015 and 2022 set the standard by far. Dr. July Davis appreciated Dr. Marsh's leadership in establishing the Center for Animal Policy and the effort to take a coordinated approach to working on issues. David Hardin stated that the swine industry appreciates Dr. Marsh's leadership with the Secure Pork Supply plan and now the Swine Health Improvement Plan (SHIP) as key preparedness initiatives. Dr. Doig related that he has worked with several state veterinarians over the years and the Dr. Marsh is the best state veterinarian in the country.

David Hardin made a motion – MOTION – “I move that the Board send a letter to the Governor indicating the Board's determination that Dr. Marsh's job performance during 2022 was “Exemplary”.

The motion was seconded by Dr. Darryl Ragland. The Board approved the MOTION by a roll call VOTE of 9-0.

First Order of Business - Approval of Minutes

Dr. William Doig asked the Board to approve the minutes from the October 4, 2022 meeting. Mr. David Hardin made a motion – MOTION – “I move to approve the minutes of the October 4, 2022 meeting.” Dr. Julie Davis seconded the motion. The Board approved the MOTION by a VOTE of 9-0. (Exhibit 2)

Second Order of Business – Public Hearing – Proposed Rule governing meat and poultry sanitation - LSA Document #22-259 – (Exhibit 3)

Sarah Simpson, BOAH General Counsel, explained the proposed changes to BOAH rules governing slaughtering animals and processing meat and poultry products and directed the Board's attention to a written comment from the Indiana Meat Packers and Processors Association.

Chairperson Doig opened the floor for public comment. There were no public comments. Chairperson Doig closed the public hearing.

Third Order of Business – Consideration for Final Adoption – Proposed rule governing meat and poultry sanitation - LSA Document #22-259 – (Exhibit 3)

The Board members asked questions and discussed the proposed changes. Dr. Darryl Ragland made a motion – MOTION – “I move that the proposed final rule be approved.” Dr. Julie Davis seconded the motion. The Board approved the MOTION by a VOTE of 9-0.

Fourth Order of Business – Animal Disease Diagnostic Laboratory (ADDL) report

Kenitra Hendrix, DVM, PhD, DACVM, Director, Purdue ADDL, presented an update on ADDL activity, including changes in personnel, meetings of the ADDL Advisory Committee and the start of a strategic planning process. (Exhibit 4). Chairperson Doig thanked Dr. Hendrix for initiating the strategic planning process.

Fifth Order of Business – Technical Services

- a. Public Information Report (Exhibit 5)
Ms. Denise Derrer reported on agency public information activity, including presenting to the State Department of Health's training for new public health officials.
- b. Chief of Staff Report. (Exhibit 6)
Mr. Gary Haynes updated the Board on the biennial budget process and BOAH's FY 24 and FY25 budget request. Mr. Haynes discussed applications for federal funds from USDA and the current status of BOAH's staffing.
- c. General Assembly update
Sarah Simpson discussed the status of the General Assembly session and bills potentially impacting BOAH, including SB 133, SB 134, HB 1121 and HB 1146.

Sixth Order of Business – Animal Programs

Animal Programs Division report – (Exhibit 7)

Dr. Kyle Shipman updated the Board on:

- A non-negative laboratory result for spring viremia of carp in a koi fish facility and BOAH's response;

- Plans for a BOAH internal hotwash on the 2022 highly pathogenic avian influenza response and BOAH’s participation in a University of Minnesota project to compare HPAI responses across Iowa, Minnesota and Indiana;
- A finding of EHV-1 in a horse in an equine hospital; and
- BOAH’s performance in national traceability test exercises.

Avian Health report:

Dr. Mike Kopp updated the Board on:

- An ongoing outbreak of highly pathogenic avian influenza (HPAI) in domestic and wild birds throughout the United States. (Exhibit 8); and
- An ongoing outbreak of Egg Drop Syndrome virus (EDSV) in poultry in Northeast Indiana. (Exhibit 7)

Dr. Maria Cooper updated the Board on the HPAI detections in Indiana poultry flocks and BOAH’s response. (Exhibit 8).

Ty Harweger congratulated the BOAH staff for their response and the efforts to prevent HPAI from spreading. He stated that the density of poultry premises in the affected areas of the state could have resulted in a large number of affected premises. Dr. Cooper lauded the response by the affected companies to rapidly address infected flocks. Dr. Marsh expressed his gratitude for the cooperation of all involved in the response.

Swine Health report:

Dr. Kelly Werling reported that BOAH has been designated as the “official state agency” for the swine health improvement plan (SHIP) implementation in Indiana. Dr. Werling explained the SHIP program and its current status in the state. (Exhibit 7)

Animal Welfare programs report:

Hannah Fisher reported on animal welfare investigations and an upcoming animal investigation training she is organizing for animal control officers and law enforcement officials. (Exhibit 9)

Seventh Order of Business – Food Safety

- a. Dr. Renea Swiatkowski reported on Meat and Poultry Inspection program activities, including staffing for the Meat and Poultry Division, the ongoing increase in activity at state inspected meat plants, and the number of new state-inspected plants that have recently started and that are expected to start in 2023. (Exhibit 10)
- b. Patrick Hash reported on Dairy Division activity. (Exhibit 11). Mr. Hash discussed new and expanded dairy processing facilities in the state. Mr. Hash discussed his staff’s participation in the BOAH avian influenza response.

Eighth Order of Business – Other Business

- a. State Veterinarian’s report, Dr. Bret Marsh (Exhibit 12)
Dr. Marsh presented his Quarterly Report to the Board.

- b. Date of Next Meeting
The Board set the date for the next regular meeting to be April 11, 2023 at 9:30 a.m.

Chairperson Dr. William Doig adjourned the meeting at 12:05 p.m.

William Doig, D.V.M., Chairperson

Bret D. Marsh, D.V.M.
Indiana State Veterinarian
Secretary

Report for the Board of Animal Health Quarterly Meeting - April 2023

- Budget Summary (FY 2023 year to date compared to FY 2022)
 - Sales and services: 109% YTD (\$133,550.93)
 - Salary, Wages, Fringes: 111% YTD (\$332,271.57)

- Open searches:
 - Faculty pathologist (1)
 - Toxicology S2 (1)
 - Accessioning S2 (1)
 - Molecular S2 (1)
 - Histopathology S2 (1)

- Strategic Plan Updates

- Fee change proposal (see attachment)
 - Proposed increases are based on cost analyses and market comparisons.
 - FAs are largely being replaced by PCR.
 - Necropsy restructuring:
 - Basic (A basic necropsy at the ADDL includes a gross and histologic examination and report. Separate charges apply for all additional tests: PCR, parasitology, bacteriology, antimicrobial susceptibility testing, toxicology, virus isolation, serology, IHC, and tests available only at other labs.)
 - Comprehensive (A comprehensive necropsy at the ADDL includes a gross and histologic examination and report. Parasitology, bacteriology, and limited PCR testing are performed as deemed appropriate by the pathologist for no additional charge. Separate charges apply for the following tests: toxicology, virus isolation, antimicrobial susceptibility testing, serology, IHC, and tests available only at other labs.)

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Avian Influenza Virus ACE	Avian	\$ 10.00	\$ 11.00
Avian Influenza Virus AGID	Avian	\$ 3.00	\$ 3.50
Avian Influenza Virus ELISA	Avian	\$ 3.00	\$ 3.30
Avian Reovirus ELISA	Avian	\$ 2.00	\$ 2.20
Bordetella avium (Turkey Coryza) ELISA	Avian	\$ 2.00	\$ 2.20
Infectious Bronchitis Virus ELISA	Avian	\$ 2.75	\$ 3.00
Infectious Laryngotracheitis Virus ELISA	Avian	\$ 2.00	\$ 3.00
Mycoplasma gallisepticum ELISA	Avian	\$ 2.50	\$ 3.00
Mycoplasma gallisepticum Plate Agglutination	Avian	\$ 1.75	\$ 1.93
MG/MS ELISA	Avian	\$ 3.00	\$ 3.30
Mycoplasma synoviae ELISA	Avian	\$ 2.50	\$ 3.00
Newcastle Disease Virus (PMV-1) ELISA	Avian	\$ 2.50	\$ 3.00
Newcastle Disease/Avian Paramyxovirus ELISA	Avian	\$ 2.50	\$ 2.75
ORT ELISA	Avian	\$ 5.50	\$ 6.05
S. pullorum/S. gallinarum Plate Agglutination	Avian	\$ 1.50	\$ 1.65
T-12 Egg Test (AI AGID and MG PAT)	Avian	\$ 4.50	\$ 4.95
Turkey Coronaviral Enteritis IFA	Avian	\$ 5.05	\$ 5.56
Turkey Hemorrhagic Enteritis ELISA	Avian	\$ 2.00	\$ 2.20
Turkey Rhinotracheitis Virus ELISA	Avian	\$ 4.80	\$ 5.28
Acid fast stain	Bacteriology	\$ 5.00	\$ 10.00
Aerobic culture	Bacteriology	\$ 26.00	\$ 36.00
Aerobic culture - farm animals	Bacteriology	NEW	\$ 26.00
Aerobic culture - fish	Bacteriology	\$ 26.00	\$ 30.00
Aerobic culture - urine	Bacteriology	\$ 26.00	\$ 36.00
Aerobic culture - milk	Bacteriology	\$ 15.00	\$ 26.00
Aerobic culture - milk bulk tank	Bacteriology	\$ 30.00	\$ 45.00
Antimicrobial susceptibility testing (MIC)	Bacteriology	\$ 25.00	\$ 27.50
Anaerobic culture	Bacteriology	\$ 26.00	\$ 36.00
Bordetella culture	Bacteriology	\$ 15.00	\$ 20.00
Brucella culture	Bacteriology	\$ 35.00	\$ 35.00
Campylobacter culture	Bacteriology	\$ 15.00	\$ 30.00
Erysipelas culture	Bacteriology	NEW	\$ 20.00
Flexibacter culture	Bacteriology	\$ 15.00	\$ 16.50
Fosfomycin Etest	Bacteriology	\$ 9.50	\$ 11.00
Fungal culture	Bacteriology	\$ 26.00	\$ 36.00
Gram stain	Bacteriology	\$ 5.00	\$ 6.00
Leptospirosis MAT	Bacteriology	\$ 35.00	\$ 35.00
Listeria culture	Bacteriology	\$ 26.00	\$ 45.00
Salmonella culture	Bacteriology	\$ 26.00	\$ 36.00
Salmonella culture - series of 5 fecal samples	Bacteriology	\$ 100.00	\$ 144.00
Salmonella culture - pool of 5 Equine fecal samples	Bacteriology	NEW	\$ 90.00
Salmonella serogrouping	Bacteriology	NEW	\$ 24.00
Salmonella - hospital environmental testing	Bacteriology	\$ 29.00	\$ 36.00
Salmonella - drag swab test	Bacteriology	\$ 26.00	\$ 30.00

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Save culture	Bacteriology	\$ 15.00	\$ 20.00
Linezolid Etest	Bacteriology	NEW	\$ 11.00
Trichomonas culture	Bacteriology	\$ 15.00	\$ 30.00
Yersinia culture	Bacteriology	\$ 10.00	\$ 40.00
1 histo mass/ tissue (<5 cm)	Histology	\$ 47.00	\$ 50.00
1 histo mass/ tissue (5-8 cm)	Histology	NEW	\$ 75.00
1 histo mass/ tissue (>8 cm)	Histology	NEW	\$ 100.00
Additional masses/tissues (each mass/tissue)(largest is first mass)	Histology	\$ 33.00	\$ 25.00
Amputated Limb Histopathology	Histology	\$ 160.00	\$ 176.00
Jaw Histopathology	Histology	\$ 85.00	\$ 93.50
Toes, Tails, TECA Histopathology	Histology	\$ 64.00	\$ 75.00
Whole Organ Histopathology	Histology	\$ 110.00	\$ 121.00
Sample Decalcification	Histology	\$ 20.00	\$ 25.00
Painted Margins	Histology	\$ 28.00	\$ 32.00
Necropsy in a Jar (Companion, 1-3 Tissues)	Histology	\$ 50.00	\$ 55.00
Necropsy in a Jar (Companion, 4-7 Tissues)	Histology	\$ 80.00	\$ 88.00
Necropsy in a Jar (Companion, 8-12 Tissues)	Histology	\$ 100.00	\$ 110.00
Necropsy in a Jar (Companion, 13+ Tissues)	Histology	\$ 150.00	\$ 165.00
Necropsy in a Jar (Farm Animal, 1-7 Tissues)	Histology	\$ 45.00	\$ 50.00
Necropsy in a Jar (Farm Animal, 8+ Tissues)	Histology	\$ 80.00	\$ 88.00
Bone Marrow Processing	Histology	\$ 20.00	\$ 22.00
Tissue Embedding Only Per Block	Histology	\$ 8.00	\$ 8.80
Histo - Slide Recut	Histology	\$ 14.00	\$ 15.40
H & E Slides	Histology	\$ 16.00	\$ 17.60
Special Stain Slides	Histology	\$ 25.00	\$ 27.50
Histo-PCR Tissue Prep	Histology	\$ 10.00	\$ 11.00
IHC Slides	Histology	\$ 38.00	\$ 40.00
IHC Slides (Research)	Histology	\$ 45.00	\$ 50.00
Anaplasma marginale PCR	Molecular	\$ 35.00	\$ 38.50
Anaplasma marginale and Theileria orientalis Duplex PCR	Molecular	\$ 45.00	\$ 49.50
Avian Astrovirus PCR	Molecular	\$ 35.00	\$ 38.50
Avian Paramyxovirus-1 Matrix (NDV) PCR	Molecular	\$ 35.00	\$ 40.00
Avian Paramyxovirus-1 (vNDV) PCR	Molecular	\$ -	\$ 35.00
Avian Reovirus PCR	Molecular	\$ 35.00	\$ 38.50
Avian Rotavirus PCR	Molecular	\$ 35.00	\$ 38.50
Avibacterium paragallinarum PCR	Molecular	\$ 35.00	\$ 38.50
Bordetella avium PCR	Molecular	\$ 35.00	\$ 38.50
Bordetella bronchisepticum PCR	Molecular	\$ 35.00	\$ 38.50
Bovine Coronavirus PCR	Molecular	\$ 35.00	\$ 38.50
Bovine Coronavirus and Bovine Rotavirus Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Brachyspira hyodysenteriae PCR	Molecular	\$ 35.00	\$ 38.50
Brachyspira hyodysenteriae and Brachyspira hamptonii Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Bovine Respiratory Syncytial Virus PCR	Molecular	\$ 35.00	\$ 38.50
Brucella spp. PCR	Molecular	\$ 35.00	\$ 38.50
Bovine Rotavirus A PCR	Molecular	\$ 35.00	\$ 38.50

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Bluetongue Virus PCR	Molecular	\$ 35.00	\$ 38.50
Bluetongue Virus and Epizootic Hemorrhagic Disease Virus Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Bovine Viral Diarrhea Virus PCR	Molecular	\$ 35.00	\$ 38.50
Clostridioides difficile toxins A and B PCR	Molecular	\$ 40.00	\$ 44.00
Clostridium perfringens PCR (feces - canine and equine) (presence and toxin typing)	Molecular	\$ 60.00	\$ 66.00
Clostridium perfringens PCR (feces - all other species) (presence and toxin typing)	Molecular	\$ 60.00	\$ 66.00
Clostridium perfringens PCR (culture isolate only) (toxin typing)	Molecular	\$ 30.00	\$ 33.00
Canine Adenovirus 1 PCR	Molecular	\$ 35.00	\$ 38.50
Canine Adenovirus 2 PCR	Molecular	\$ 35.00	\$ 38.50
Canine Distemper Virus PCR	Molecular	\$ 35.00	\$ 38.50
Canine Distemper Virus Typing Sequencing	Molecular	\$ 40.00	\$ 50.00
Chlamydia psittasi PCR	Molecular	\$ 35.00	\$ 38.50
Chlamydia spp. PCR	Molecular	\$ 35.00	\$ 38.50
Canine Herpesvirus PCR	Molecular	\$ 35.00	\$ 38.50
Coxiella burnetii (Q Fever) PCR	Molecular	\$ 35.00	\$ 38.50
Canine Parainfluenza Virus PCR	Molecular	\$ 35.00	\$ 38.50
Canine Parvovirus PCR	Molecular	\$ 35.00	\$ 38.50
Canine Parvovirus VP2 Sequencing	Molecular	\$ 40.00	\$ 65.00
Canine Respiratory Coronavirus PCR	Molecular	\$ 35.00	\$ 38.50
Cryptosporidium spp. PCR	Molecular	\$ 35.00	\$ 38.50
Duck Atadenovirus A (Egg Drop Syndrome 1976-EDS) PCR	Molecular	\$ 35.00	\$ 38.50
Escherichia coli Virulence Factor Panel PCR (swine and all other species) (culture isolate only)	Molecular	\$ 30.00	\$ 44.00
Escherichia coli Virulence Factor Panel PCR (bovine) (culture isolate only)	Molecular	\$ 40.00	\$ 44.00
Escherichia coli F41 PCR	Molecular	\$ 35.00	\$ 38.50
Escherichia coli K88 PCR (culture isolate only)	Molecular	\$ 30.00	\$ 33.00
Escherichia coli K99 PCR	Molecular	\$ 30.00	\$ 33.00
Equine Arteritis Virus PCR	Molecular	\$ 35.00	\$ 38.50
Equine Coronavirus PCR	Molecular	\$ 35.00	\$ 38.50
Eastern Equine Encephalitis Virus (EEE) PCR	Molecular	\$ 35.00	\$ 38.50
Epizootic Hemorrhagic Disease Virus (EHD) PCR	Molecular	\$ 35.00	\$ 38.50
Equine Herpesvirus 1 PCR	Molecular	\$ 35.00	\$ 38.50
Equine Herpesvirus 1 and 4 Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Equine Herpesvirus 4 PCR	Molecular	\$ 35.00	\$ 38.50
Equine Rotavirus PCR	Molecular	\$ 35.00	\$ 38.50
Feline Coronavirus PCR	Molecular	\$ 35.00	\$ 38.50
Feline Calicivirus PCR	Molecular	\$ 30.00	\$ 38.50
Feline Herpesvirus PCR	Molecular	\$ 30.00	\$ 38.50
Feline Panleukopenia Virus PCR	Molecular	\$ 30.00	\$ 38.50
General PCR	Molecular	\$ 30.00	\$ 38.50
General Viral and Bacterial Genome Sequencing	Molecular	\$ 50.00	\$ 55.00
Glaesserella parasuis PCR	Molecular	\$ 35.00	\$ 38.50
Infectious Bovine Rhinotracheitis (IBR) Virus PCR	Molecular	\$ 35.00	\$ 38.50

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Infectious Bronchitis Virus (IBV) PCR	Molecular	\$ 35.00	\$ 38.50
Infectious Laryngotracheitis (ILT) PCR	Molecular	\$ 35.00	\$ 38.50
Influenza A Virus - Matrix PCR (Avian/Swine) (*No Acc. fee if only test*)	Molecular	\$ 30.00	\$ 40.00
Influenza A Virus - H5/H7 Subtyping PCR (*No Acc. fee if only test*)	Molecular	\$ 30.00	\$ 35.00
Swine Influenza Virus Genotyping PCR	Molecular	\$ 40.00	\$ 40.00
Swine Influenza Virus Sequencing	Molecular	\$ 200.00	\$ 200.00
Influenza A Virus PCR (Canine/Equine)	Molecular	\$ 35.00	\$ 40.00
Mycobacterium avium subsp. paratuberculosis (Johne's) PCR	Molecular	\$ 35.00	\$ 38.50
Mycobacterium avium subsp. paratuberculosis (Johne's) Pooled PCR	Molecular	\$ 40.00	\$ 45.00
Lawsonia intracellularis PCR	Molecular	\$ 35.00	\$ 38.50
Leptospira spp. PCR	Molecular	\$ 35.00	\$ 38.50
Methicillin Resistance (mecA) PCR	Molecular	\$ 30.00	\$ 33.00
Mycoplasma bovis PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma hyorhinis PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma gallisepticum (MG) PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma haemolamae PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma hyorhinis PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma hyosynoviae PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma iowae PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma iowae and Mycoplasma meleagridis Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Mycoplasma meleagridis PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma synoviae (MS) PCR	Molecular	\$ 35.00	\$ 38.50
Mycoplasma synoviae and Mycoplasma gallisepticum (MS/MG) Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Mycoplasma spp. PCR	Molecular	\$ 35.00	\$ 38.50
Neospora caninum PCR	Molecular	\$ 35.00	\$ 38.50
Next Generation Sequencing - Bovine Targeted NGS	Molecular	\$ 200.00	\$ 200.00
Next Generation Sequencing - Vector-borne Targeted NGS	Molecular	\$ 200.00	\$ 200.00
Ornithobacterium rhinotracheale (ORT) PCR	Molecular	\$ 35.00	\$ 38.50
Panpestivirus PCR	Molecular	\$ 35.00	\$ 38.50
Porcine Circovirus 2 and 3 Duplex PCR	Molecular	\$ 40.00	\$ 44.00
Porcine Circovirus 2 PCR	Molecular	\$ 35.00	\$ 38.50
Porcine Circovirus 2 ORF2 Sequencing	Molecular	\$ 100.00	\$ 130.00
Porcine Circovirus 3 PCR	Molecular	\$ 35.00	\$ 38.50
Porcine Deltacoronavirus PCR	Molecular	\$ 35.00	\$ 38.50
Porcine Epidemic Diarrhea Virus (PEDV) PCR	Molecular	\$ 35.00	\$ 38.50
Potomac Horse Fever (Blood/Feces) PCR	Molecular	\$ 37.00	\$ 40.70
Parainfluenza Virus 3 PCR	Molecular	\$ 35.00	\$ 38.50
Porcine Rotavirus PCR	Molecular	\$ 35.00	\$ 38.50
Porcine Respiratory and Reproductive Syndrome Virus (PRRS) PCR	Molecular	\$ 35.00	\$ 35.00
Porcine Respiratory and Reproductive Syndrome Virus (PRRS) ORF5 Sequencing	Molecular	\$ 75.00	\$ 110.00
Rush/After Hours Fee	Molecular	\$ 100.00	\$ 100.00
Sarcocystis neurona PCR	Molecular	\$ 35.00	\$ 38.50

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Salmonella spp. PCR	Molecular	\$ 35.00	\$ 38.50
Senecavirus A PCR	Molecular	\$ 35.00	\$ 38.50
16S rDNA sequencing	Molecular	\$ 40.00	\$ 85.00
SARS-CoV-2 PCR - Animal Samples	Molecular	\$ 50.00	\$ 50.00
Streptococcus equi subsp. equi PCR	Molecular	\$ 35.00	\$ 38.50
Turkey Coronavirus PCR	Molecular	\$ 30.00	\$ 35.00
Turkey Coronavirus Sequencing	Molecular	\$ 50.00	\$ 55.00
Tritrichomonas foetus (Trich) PCR	Molecular	\$ 35.00	\$ 38.50
Tritrichomonas foetus (Trich) Pooled PCR	Molecular	\$ 50.00	\$ 55.00
Transmissible Gastroenteritis Virus (TGE) PCR	Molecular	\$ 30.00	\$ 38.50
Theileria orientalis PCR	Molecular	\$ 35.00	\$ 38.50
Toxoplasma gondii PCR	Molecular	\$ 35.00	\$ 38.50
West Nile Virus PCR	Molecular	\$ 35.00	\$ 38.50
Whole Genome Sequencing	Molecular	\$ 320.00	\$ 320.00
Avian Respiratory PCR Panel	Molecular	\$ 80.00	\$ 88.00
Bovine Neonatal Diarrhea PCR Panel	Molecular	\$ 60.00	\$ 70.00
Bovine Respiratory PCR Panel	Molecular	\$ 55.00	\$ 85.00
Canine Respiratory PCR Panel	Molecular	\$ 80.00	\$ 130.00
Equine Enteric PCR Panel	Molecular	\$ 80.00	\$ 95.00
Equine Neurological PCR Panel	Molecular	\$ 50.00	\$ 70.00
Equine Respiratory PCR Panel	Molecular	\$ 55.00	\$ 70.00
Feline Respiratory PCR Panel	Molecular	\$ 70.00	\$ 110.00
Foal Enteric PCR Panel	Molecular	\$ 140.00	\$ 140.00
Porcine Enteric Pathogen PCR Panel	Molecular	\$ 55.00	\$ 65.00
Porcine Respiratory PCR Panel	Molecular	\$ 120.00	\$ 100.00
Ruminant Abortion C3B Multiplex PCR	Molecular	\$ 45.00	\$ 50.00
Ruminant Abortion LTN Multiplex PCR	Molecular	\$ 50.00	\$ 50.00
Small Ruminant Enteric PCR Panel	Molecular	\$ 60.00	\$ 75.00
Small Ruminant Respiratory PCR Panel	Molecular	\$ 55.00	\$ 70.00
Swine Enteric Coronavirus Disease Triplex PCR Panel	Molecular	\$ 35.00	\$ 38.50
Turkey Enteric PCR Panel	Molecular	\$ 70.00	\$ 70.00
Blood Tube Boxes	Other Services	\$ 35.00	\$ 45.00
Blood Tube Boxes w/Shippers	Other Services	\$ 30.00	\$ 36.00
Formalin Buckets	Other Services	\$ 20.00	\$ 30.00
Formalin Jars	Other Services	\$ 20.00	\$ 25.00
Trich Mailers	Other Services	\$ 7.00	\$ 12.00
Trich Pouches	Other Services	\$ 11.00	\$ 12.00
UPS-RS Shipping Label	Other Services	\$ 14.00	\$ 14.00
Necropsy Disposal (<200lb)	Other Services	\$ 30.00	\$ 30.00
Necropsy Disposal (>=200lb)	Other Services	\$ 75.00	\$ 75.00
TSE Disposal	Other Services	\$ 25.00	\$ 25.00
Paw Prints	Other Services	\$ 20.00	\$ 22.00
Paw Prints	Other Services	\$ 14.00	\$ 16.00
Nose Print	Other Services	\$ 14.00	\$ 16.00

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Postage - Ground	Other Services	\$ 10.00	\$ 20.00
Postage - UPS Overnight	Other Services	\$ 40.00	\$ 40.00
Postage - FedEx Overnight	Other Services	\$ 40.00	\$ 40.00
Avian Sampling Fee	Other Services	\$ 20.00	\$ 22.00
Rabies Examination - ISDH	Other Services	\$ -	-
BSE - ELISA (mail-out)	Other Services	\$ 40.00	\$ 40.00
Canine Heartworm Antigen ELISA	Parasitology	\$ 23.00	\$ 26.00
Fecal Exam - Direct	Parasitology	\$ 15.00	\$ 16.50
Fecal Exam - Sedimentation	Parasitology	\$ 20.00	\$ 22.00
Fecal Float - Quantitative	Parasitology	\$ 23.00	\$ 25.00
Fecal Float - Qualitative	Parasitology	\$ 20.00	\$ 23.00
Fecal Float - Qualitative ZnSO4	Parasitology	\$ 20.00	\$ 23.00
Fecal Larval Exam - Baermann	Parasitology	\$ 20.00	\$ 22.00
Fecal Trichome Stain	Parasitology	\$ 38.00	\$ 41.80
Giardia/Crypto Panel	Parasitology	\$ 45.00	\$ 49.50
Haemonchus contortus egg identification	Parasitology	\$ 35.00	\$ 38.50
Knotts Test	Parasitology	\$ 10.00	\$ 12.00
Parasite Identification	Parasitology	\$ 25.00	\$ 27.50
After Hours Necropsy Charge	Pathology	\$ 225.00	\$ 250.00
Tissue Collection Level 1	Pathology	\$ 15.00	\$ 16.50
Tissue Collection Level 2	Pathology	\$ 30.00	\$ 33.00
Tissue Collection Level 3	Pathology	\$ 50.00	\$ 55.00
Spinal Cord Removal (small companion animal)	Pathology	\$ 90.00	\$ 99.00
Spinal Cord Removal (equine/food animal)	Pathology	\$ 150.00	\$ 165.00
Spinal Cord Removal - By Hand	Pathology	\$ 200.00	\$ 220.00
Farm Visit Report	Pathology	\$ 100.00	\$ 120.00
2nd Opinion - internal	Pathology	\$ -	-
2nd Opinion - External	Pathology	\$ 50.00	\$ 55.00
IHC - Individual	Pathology	\$ 38.00	\$ 40.00
Histo 1 + IHCx3 - PVH Only	Pathology	\$ 161.00	\$ 170.00
Pituitary Panel	Pathology	\$ 230.00	\$ 253.00
Fetal/Neonatal Protocol Farm Animal (Abortion)	Pathology	\$ 175.00	\$ 225.00
Fetal/Neonatal Protocol Canine/Feline/Other (Abortion)	Pathology	\$ 175.00	\$ 250.00
Fetal/Neonatal Protocol Equine (Abortion)	Pathology	\$ 200.00	\$ 285.00
Backyard Poultry Necropsy (up to 6 birds) (Gross/Histo Only)	Pathology	\$ 50.00	\$ 60.00
Poultry Gross Examination (per bird) (Gross Exam/Report Only)	Pathology	NEW	\$ 10.00
Necropsy Livestock/Poultry (Gross/Histo Report Only)	Pathology	NEW	\$ 140.00
Necropsy Livestock/Poultry (Comprehensive)	Pathology	\$ 140.00	\$ 220.00
Necropsy Canine/Feline/Other (Gross/Histo Report Only)	Pathology	NEW	\$ 165.00
Necropsy Canine/Feline/Other (Comprehensive)	Pathology	\$ 165.00	\$ 280.00
Necropsy Equine (Gross/Histo Report Only)	Pathology	NEW	\$ 225.00
Necropsy Equine (Comprehensive)	Pathology	\$ 225.00	\$ 325.00
Anaplasma marginale ELISA	Serology	\$ 8.50	\$ 9.35
Brucella abortus ELISA	Serology	\$ 2.00	\$ 3.50
Bovine leukosis virus ELISA	Serology	\$ 8.00	\$ 8.80
Bluetongue virus ELISA	Serology	\$ 11.00	\$ 11.00

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Corynebacterium pseudotuberculosis ELISA	Serology	\$ 10.00	\$ 11.00
Equine infectious anemia virus AGID	Serology	\$ 9.50	\$ 10.45
Equine infectious anemia virus	Serology	\$ 9.50	\$ 10.45
Equine infectious anemia virus ELISA (GVL/VSPS)	Serology	NEW	\$ 9.50
Johne's (MAP) ELISA	Serology	\$ 6.00	\$ 6.60
Mycoplasma hyopneumoniae ELISA	Serology	\$ 6.50	\$ 7.15
Neospora caninum ELISA	Serology	\$ 10.00	\$ 11.00
Babesia caballi ELISA	Serology	\$ 18.00	\$ 19.80
Theileria equi ELISA	Serology	\$ 18.00	\$ 19.80
Pregnancy ELISA	Serology	\$ 7.50	\$ 8.25
Pseudorabies g1 ELISA	Serology	\$ 7.75	\$ 8.53
Pseudorabies gB ELISA	Serology	\$ 4.50	\$ 4.95
PRRS ELSIA	Serology	\$ 8.00	\$ 8.80
Rush fee	Serology	\$ 50.00	\$ 50.00
Rush fee - equine	Serology	\$ 100.00	\$ 100.00
Small ruminant lentivirus (CAE/OPP) ELISA	Serology	\$ 8.00	\$ 8.80
Small Ruminant Serology Panel	Serology	\$ 21.00	\$ 24.00
Anticoagulant Screen	Toxicology	\$ 95.00	\$ 120.00
Bone Marrow Fat	Toxicology	\$ 110.00	\$ 121.00
Bone Marrow Fat - Insufficient Sample	Toxicology	\$ 55.00	\$ 60.50
Bone Screen	Toxicology	\$ 50.00	\$ 60.00
Cyanide	Toxicology	\$ 35.00	\$ 38.50
Drug Screen	Toxicology	\$ 52.00	\$ 60.00
GCMS Toxicant Screen	Toxicology	\$ 75.00	\$ 90.00
Magnesium	Toxicology	\$ 20.00	\$ 22.00
Microcystins	Toxicology	\$ 100.00	\$ 110.00
Microscopic Exam	Toxicology	\$ 15.00	\$ 30.00
Minerals (Feed)	Toxicology	\$ 42.00	\$ 46.20
Mycotoxin (Single)	Toxicology	\$ 30.00	\$ 33.00
Mycotoxin Screen	Toxicology	\$ 65.00	\$ 80.00
Mycotoxin Screen + Fumonisin	Toxicology	\$ 85.00	\$ 100.00
Nitrate (ocular fluid)	Toxicology	\$ 15.00	\$ 15.00
Nitrate (feed)	Toxicology	NEW	\$ 20.00
pH measurement	Toxicology	\$ 5.00	\$ 10.00
Sodium	Toxicology	\$ 20.00	\$ 22.00
Sulfur	Toxicology	\$ 20.00	\$ 30.00
Toxic Metals (blood)	Toxicology	\$ 36.00	\$ 40.00
Trace Minerals (serum)	Toxicology	\$ 42.00	\$ 46.20
Trace Minerals (water)	Toxicology	\$ 42.00	\$ 46.20
Trace Minerals/Toxic Metals (tissues)	Toxicology	\$ 47.00	\$ 55.00
Vitamin A (Serum)	Toxicology	NEW	\$ 32.00
Vitamin A (Liver)	Toxicology	NEW	\$ 40.00
Vitamin E (serum)	Toxicology	\$ 30.00	\$ 33.00
Vitamin E (liver)	Toxicology	NEW	\$ 40.00
Water Quality Screen I	Toxicology	\$ 30.00	\$ 40.00
White Snakeroot	Toxicology	\$ 50.00	\$ 55.00

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
Brucella Canis IFA	Virology	\$ 31.00	\$ 34.10
Bovine Coronavirus IFA	Virology	\$ 20.00	\$ 22.00
BKD PCR	Virology	\$ 85.00	\$ 93.50
Bovine Rotavirus IFA	Virology	\$ 17.00	\$ 18.70
Bovine Viral Diarrhea ELISA (ACE)	Virology	\$ 6.00	\$ 6.60
Canine Coronavirus IFA	Virology	\$ 20.00	\$ 22.00
Canine Distemper Virus IFA	Virology	\$ 20.00	\$ 22.00
Canine Herpesvirus IFA	Virology	\$ 20.00	\$ 22.00
Canine Parvovirus IFA	Virology	\$ 20.00	\$ 22.00
CWD ELISA	Virology	\$ 30.00	\$ 30.00
ELISA Rush Fee	Virology	\$ 30.00	\$ 30.00
Equine Rotavirus IFA	Virology	\$ 17.00	\$ 18.70
Renibacterium (BKD) FA	Virology	\$ 8.00	\$ 8.80
Clostridium spp. FA	Virology	\$ 32.00	\$ 35.20
Feline Coronavirus IFA	Virology	\$ 20.00	\$ 22.00
Feline Herpesvirus IFA	Virology	\$ 20.00	\$ 22.00
Feline Parvovirus IFA	Virology	\$ 20.00	\$ 22.00
Largemouth Bass Virus PCR	Virology	\$ 30.00	\$ 33.00
Porcine Circovirus 2 IFA	Virology	\$ 17.00	\$ 18.70
Porcine Epidemic Diarrhea Virus IFA	Virology	\$ 17.00	\$ 18.70
Potomac Horse Fever IFA	Virology	\$ 20.00	\$ 22.00
Porcine Parvovirus IFA	Virology	\$ 20.00	\$ 22.00
PRRS EU IFA	Virology	\$ 15.00	\$ 16.50
PRRS NA IFA	Virology	\$ 15.00	\$ 16.50
Porcine Rotavirus IFA	Virology	\$ 17.00	\$ 18.70
Ranavirus PCR	Virology	\$ 30.00	\$ 33.00
Toxoplasma gondii IFA	Virology	\$ 20.00	\$ 22.00
Viral Hemorrhagic Septicemia PCR	Virology	\$ 80.00	\$ 88.00
Wallaby retrovirus IFA	Virology	\$ 30.00	\$ 33.00
VI Bovine adenovirus	Virology	\$ 40.00	\$ 44.00
VI Bovine coronavirus	Virology	\$ 35.00	\$ 38.50
VI Bovine herpesvirus 4	Virology	\$ 40.00	\$ 44.00
VI Bovine rotavirus	Virology	\$ 35.00	\$ 38.50
VI Bluetongue virus	Virology	\$ 40.00	\$ 44.00
VI Bovine viral diarrhea virus	Virology	\$ 40.00	\$ 44.00
VI Caprine arthritic encephalitis virus	Virology	\$ 150.00	\$ 165.00
VI Calicivirus	Virology	\$ 45.00	\$ 49.50
VI Canine adenovirus 1 & 2	Virology	\$ 60.00	\$ 66.00
VI Canine coronavirus	Virology	\$ 40.00	\$ 44.00
VI Canine distemper virus	Virology	\$ 40.00	\$ 44.00
VI Canine herpesvirus	Virology	\$ 40.00	\$ 44.00
VI Canine parainfluenza	Virology	\$ 40.00	\$ 44.00
VI Canine parvovirus	Virology	\$ 70.00	\$ 77.00
VI Equine arteritis virus	Virology	\$ 70.00	\$ 77.00
VI Epizootic hemorrhagic disease	Virology	\$ 40.00	\$ 44.00
VI Equine herpesvirus 1	Virology	\$ 70.00	\$ 77.00

ADDL Proposed Fees

7/1/2023

Test Name	Section	Past Fee	New Fee
VI Equine herpesvirus 4	Virology	\$ 70.00	\$ 77.00
VI Feline herpesvirus	Virology	\$ 45.00	\$ 49.50
VI Feline parvovirus	Virology	\$ 70.00	\$ 77.00
VI Bovine herpesvirus 1	Virology	\$ 40.00	\$ 44.00
VI Influenza A	Virology	\$ 50.00	\$ 55.00
VI Porcine circovirus 2	Virology	\$ 35.00	\$ 38.50
VI Pestivirus	Virology	\$ 40.00	\$ 44.00
VI Parainfluenza 3 Virus	Virology	\$ 40.00	\$ 44.00
VI Porcine parvovirus	Virology	\$ 35.00	\$ 38.50
VI PRRS	Virology	\$ 35.00	\$ 38.50
VI Porcine rotavirus	Virology	\$ 35.00	\$ 38.50
VI Pseudorabies Virus	Virology	\$ 60.00	\$ 66.00
VI Porcine Sapelovirus	Virology	\$ 35.00	\$ 38.50
VI Porcine Teschovirus	Virology	\$ 35.00	\$ 38.50
VI Fish	Virology	\$ 30.00	\$ 35.00



Eric J. Holcomb, Governor
Bret D. Marsh, DVM, State Veterinarian

INDIANA STATE BOARD OF ANIMAL HEALTH

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Phone: 317/544-2400

Media/Public Information Office Report

22 March 2023 for 11 April 2023 Board Meeting

Denise Derrer Spears, Public Information Director

Public Information:

- Met with Indiana Department of Natural Resources' new communications director to discuss topics of mutual interest.
- Prepared content and materials for partner organization newsletters, including: IVMA, ICAW, IBCA.
- Spoke at Purdue's Small Farms Conference about resources offered by BOAH.
- Attended meeting of Metropolitan Emergency Services Organization.
- Continued to represent BOAH within the Indiana Family of Farmers group, as well as the Indiana Environmental Health Association.
- Participated in the Communication Officers of State Departments of Ag quarterly meeting.
- Participated in transition planning for the Board of Veterinary Medicine, including attending a board meeting; reviewing and editing the current website to begin work on developing a new one; procuring a new URL and email domain, updating forms, and gathering stakeholder input via a survey.
- Hosted a booth at the Crossroads Veterinary Conference to highlight the upcoming co location.

Animal Health & Care:

- Hosted a quarterly lunch-and-learn webinar in partnership with Indiana 4-H to discuss biosecurity at livestock exhibitions, as well as proper use of animal ID, and body condition indicators. The recording, available on [BOAH's YouTube channel](#), has been shared with county Extension educators for their volunteers.
- Attended an online meeting with Minnesota officials to discuss our commercial dog-breeder program.

Disaster Preparedness:

- Promoted upcoming *Animal Issues in Disaster* class on April 12 in Danville.
- Began work on an online version of *Animal Issues in Disaster*, made possible through a grant. We are hopeful to have the new format available in Q3 of this year.
- Participated in a radiation emergency tabletop exercise for District 9.
- Participated in planning meeting for 2024 Indiana Total Solar Eclipse (April 8, 2024).
- Conducted a one-day workshop/training for commodity partner groups about the Joint Information System.

Food Safety:

- Assisted Dairy Division with production of new manuals for artisan dairies and drug use compliance.

Website & Social Media Fun Facts:

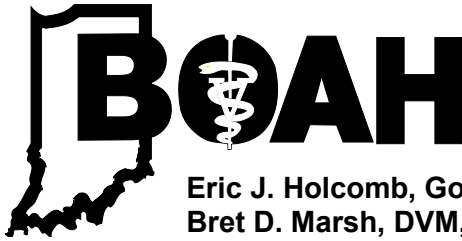
- Visits to BOAH's website via a mobile device now top 60% of total usage.
- Top five visited pages in Q1: [animal-related laws](#) (6417); home page (5161); [dead animal disposal options](#) (2357); [frequently asked questions](#) (2351); and [animal care and welfare](#) (1874).

Upcoming Events:

- Indiana Grown Conference: Danville, April 12
- Animal Issues in Disaster: Danville, April 12

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Chief of Staff Report April 11, 2023

Quarterly Highlights

- **Finance:**
 - Responded to State Budget Agency inquiries regarding BOAH's 2024 – 2025 budget request.
 - Monitored agency FY 2023 spending and prepared estimates for quarter 4 and year end.
 - Completed the annual State Budget Agency financial risk assessment questionnaire. The focus this year is on grants management.
 - Completed an annual asset inventory.
- **Cooperative Agreements:**
 - Submitted USDA work and financial plans and applications for the 2023 animal disease control, traceability and swine health improvement plan (SHIP) cooperative agreements.
 - Monitored spending for 2022 cooperative agreements ending March 31, 2023.
 - Responded to USDA request for information on cooperative agreement spending for the last three years.
- **Personnel:**
 - Filled the following positions: Two meat inspectors. One Licensing Program Director. Two summer interns. One district veterinarian.
 - Currently recruiting for the following positions: One meat supervisor.
 - Worked with the State Personnel Department and State Budget Agency to finalize changes to BOAH position classifications.
 - Completed the annual performance appraisal process for all BOAH team members.
- **Policy:**
 - Participated in BOAH's internal working group planning for the transfer of the Board of Veterinary Medicine.
 - Assisted with analyzing legislation pending in the Indiana General Assembly.
- **Technology**
 - Substantially completed computer refresh process – all agency personnel received new PCs.
 - Substantially completed a process for the Meat and Poultry Division to replace federally sourced PCs with State of Indiana PCs.

Gary L. Haynes
Chief of Staff



Eric J. Holcomb, Governor
Bret D. Marsh, DVM, State Veterinarian

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Animal Programs Division Board Report 1st Quarter, 2023

Quarterly Highlights

- Two meetings of the Indiana Poultry Health Advisory Council were held this quarter where updates and policies related to highly pathogenic avian influenza (HPAI), egg drop syndrome virus (EDSV), and other diseases of significance to the poultry industry were discussed. The Council was established to provide an open forum for poultry sector stakeholders and BOAH to discuss poultry health challenges, opportunities, and solutions.
- The 2023 Crossroads Veterinary Conference was held in February, and BOAH was well represented both in attendance and in providing expertise by serving as speakers for various sessions throughout the conference.
- BOAH hosted the inaugural Animal Investigations Academy the week of January 23rd, 2023. This free, week-long course was designed to help Indiana animal welfare professionals manage animal investigations effectively. The BOAH Animal Programs team delivered training related to animal handling and safety, bite investigations, basic investigative techniques, and ethics and professionalism. The winter weather presented challenges to the course content and schedule, but nevertheless, it was considered a successful inaugural course offering!

Fast Facts

Animal Care & Welfare:

- BOAH received 85 animal welfare-related complaints or inquiries, leading to 20 animal care investigations this quarter. The complete Animal Care Investigations Report is included at the end of this report.
- Dr. Lovejoy successfully obtained her certification as a Master Cruelty Investigator issued by Code 3 Associates. Code 3 Associates provides professional training to individuals and agencies in animal related law enforcement and emergency response through Colorado State University.

Aquaculture

- Dr. Strasser attended the Great Lakes Fisheries Commission's two-day Fish Health Committee meeting. Topics included updates on the Commission's law enforcement division as it relates to illegal movement of aquatic animals and invasive species, koi herpesvirus as a possible means of population control for unwanted/injurious/invasive wild carp species, and PFAS accumulations in Great Lakes fishes.

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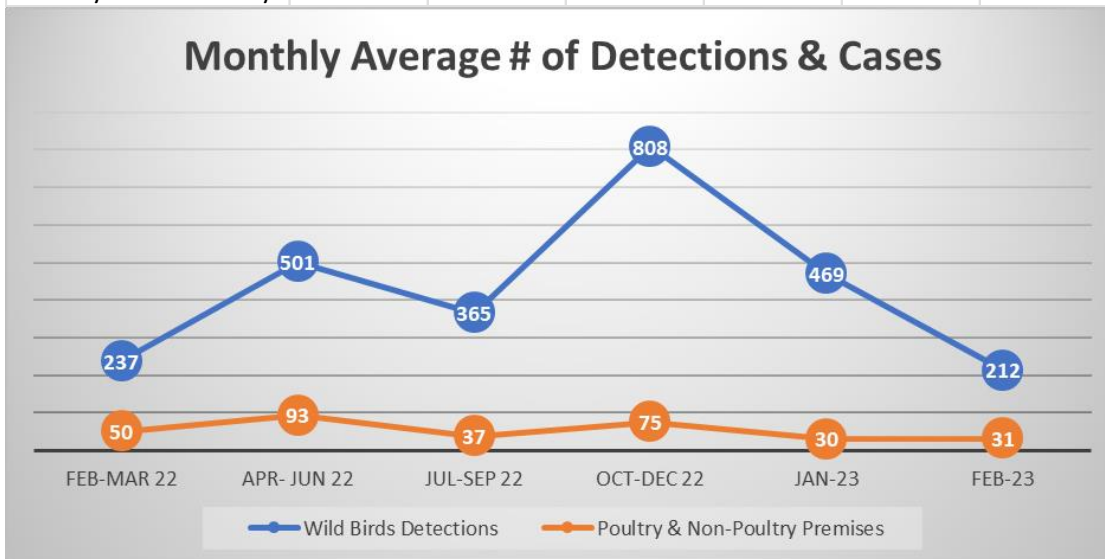
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- Dr. Strasser, along with representatives from Indiana DNR, are participating in initial discussions with other Great Lakes states’ regulatory agencies to create a viral hemorrhagic septicemia (VHS) risk assessment tool to allow better risk classification of facilities for incursion of VHS and more pertinent and practical requirements for movement of fish from classified facilities.

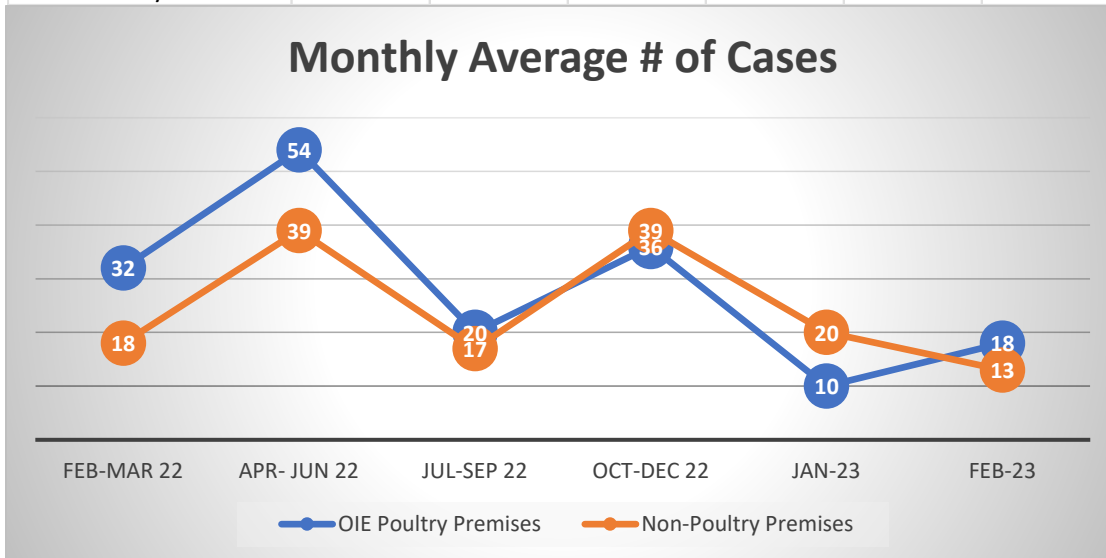
Avian

- BOAH, ISPA, and ADDL continue to work with Northern Indiana poultry producers to control and eradicate EDSV. There have been no new cases of EDSV diagnosed in Indiana this quarter. Vaccination among previously affected companies has been widely adopted and has curtailed additional diagnosed cases in Indiana. Ceva is working with EDSV isolates from the US to try and develop a US-based vaccine.
- A Master of Avian Medicine Candidate from the University of Georgia Poultry Diagnostic & Research Center is conducting an EDS project with the objectives of developing a method of EDS virus isolation, evaluating cleaning and disinfection procedures, performing EDSV serologic surveys, conducting viral shed studies, and identifying potential vectors of EDSV.
- There has been a total of 6,467 detections of H5N1 HPAI in wild birds in 49 states as of March 21, 2023. Indiana has had a total of 57 wild bird detections.
- A total of 805 cases have been diagnosed in domestic birds representing over 86.5 million birds in 47 states. 441 of these cases are in WOAHP “Poultry” premises in 37 states. 364 cases are in WOAHP “Non-Poultry” premises in 47 states.
- The average of national HPAI detections by quarter is below, with 2023 broken out by month.

Monthly Average #	2022				2023	
	Feb-Mar 22	Apr- Jun 22	Jul-Sep 22	Oct-Dec 22	Jan-23	Feb-23
Wild Birds	237	501	365	808	469	212
Poultry & Non-Poultry	50	93	37	75	30	31



Monthly Average #	2022				2023	
	Feb-Mar 22	Apr- Jun 22	Jul-Sep 22	Oct-Dec 22	Jan-23	Feb-23
OIE Poultry Premises	32	54	20	36	10	18
Non-Poultry Premises	18	39	17	39	20	13



- Indiana’s last diagnosis of HPAI in domestic poultry was on December 11, 2022. Environmental Sampling of this premises and the dangerous contact premises was completed this quarter. Indiana is anticipating being able to self-declare freedom from HPAI on April 19, 2023.

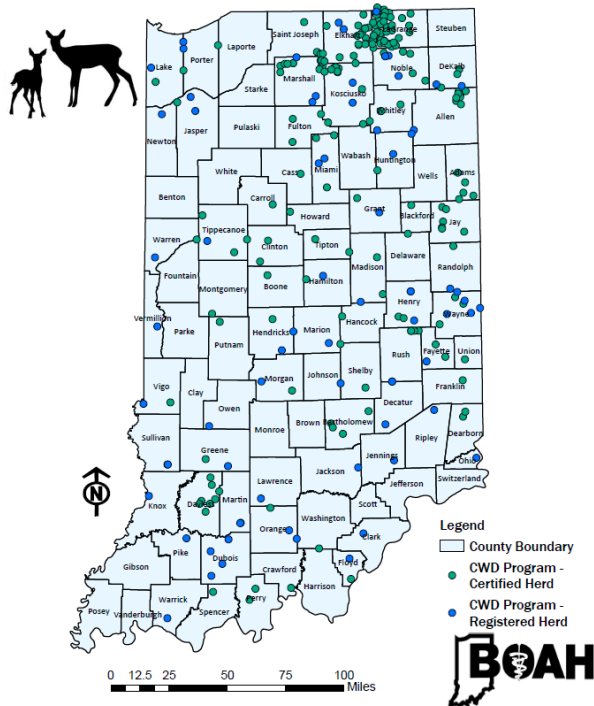
Cattle

- There have now been three separate cases of *Theileria orientalis* Chitose diagnosed in Orange, Dubois, and Gibson counties since September 2022. Indiana’s first case of *Theileria orientalis* Ikeda was diagnosed in mid-March this quarter.
 - Chitose and Ikeda are both genotypes of the protozoa associated with severe disease and potentially high death loss in cattle. Ikeda is vectored primarily by the Asian Longhorned tick which was first reported in the US in New Jersey in 2017 and has since migrated towards the Midwest.
 - While not yet identified in Indiana, the Indiana Department of Health will be conducting tick drags and tick collection from cattle this spring to search for the vector(s). The Southern Indiana Purdue Agricultural Center, BOAH, and Virginia Tech are working towards blood sampling at least one of the herds in late March/early April to determine the prevalence of the disease.
- Dr. Lamb attended the Indiana Milk Quality Conference in March. Presentations and discussions focused on topics such as the current dairy market, robot farming, labor issues, and changes to the Pasteurized Milk Ordinance. Bruce serves on the advisory committee to the Indiana Milk Quality Professionals Board of Directors.

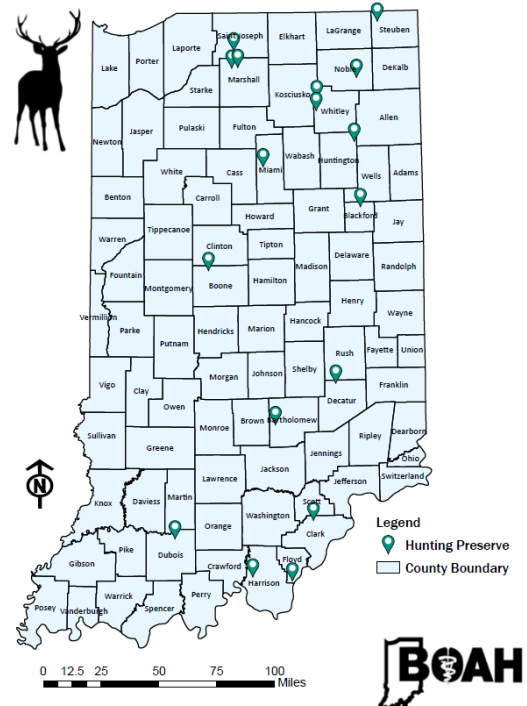
Cervids

- Dr. Chavis attended the 4th Annual USDA Chronic Wasting Disease Stakeholders and Tribal Nations meeting which took place over four days in January. USDA provided national updates related to the CWD program, presented research regarding CWD disease transmission and diagnostics, and shared information about 2023 cooperative agreement funding opportunities.
- There are currently 290 Chronic Wasting Disease program participants and 17 licensed hunting preserves in Indiana.

Indiana Chronic Wasting Disease Program Participants
March 2023



Indiana Licensed Hunting Preserves
March 2023



- Ten enforcement letters were issued for non-compliance with CWD program standards this quarter. Four were issued for missed CWD samples, four due to lacking a physical inventory, and two for not meeting movement requirements. The status of one herd was lowered from certified to registered.
- On January 31, 2023, Wisconsin officials notified BOAH that an Indiana farmed cervid herd was determined to be a CWD traceback-exposed herd.
 - The CWD positive Wisconsin herd resides in an area of their state considered to be endemic for CWD. The herd owner had purchased a yearling white-tailed deer buck from Indiana in December of 2020. Upon depopulation of the Wisconsin herd, that buck was determined to be among the CWD positive deer.
 - The Indiana traceback herd has been quarantined, and BOAH field veterinarians have conducted initial antemortem testing by collecting blood samples and recto-mucosal biopsies for CWD testing and genetic disease susceptibility. All biopsies in the first round of testing resulted in “not detected” for the CWD prion.
 - An epidemiological analysis is underway to plan for next steps according to the CWD program standards. Our initial assessment is that the risk of our Indiana herd being the source of disease is very low.
 - Further epi-links from our Indiana traceback herd have resulted in traces to Kentucky and Illinois as well as three additional Indiana sites. Many of the traced animals have already been found to be CWD negative on postmortem testing.
- The National Deer and Elk Farmers Association annual conference was held in French Lick in late March. Dr. Chavis was in attendance and participated in lectures and discussions related to CWD genomics, Epizootic Hemorrhagic Disease, general herd health topics, and wildlife management.
- A large portion of Indiana’s cervid herds are conducting their triannual TB accreditation testing this year. Even with this increase in testing, we have experienced an unusual number of suspect results.
 - Currently, Indiana has 9 herds under quarantine awaiting follow-up testing on these suspect animals. If the second round of serology testing is negative, the animals are reclassified as

negative. If the results come back as suspect again, those deer get classified as reactors and can only be cleared with necropsy and lymph node submission.

- These suspect animals are distributed widely across the state of Indiana and are not located in one region.
- We have reached out to cervid health leadership within USDA as well as the National Veterinary Services Laboratory to determine if other states are also experiencing these suspect increases and/or if there are possible explanations for the higher-than-normal rate. It appears that Indiana is currently the only state with this uptick in suspects; however, the state of Missouri experienced a very similar, unexplained, phenomenon in recent years, which did not result in any TB diagnoses.

Companion Animal

- There was one non-negative case of canine brucellosis reported this quarter. A commercial breeder had purchased two new dogs, which he isolated at his premises and tested for brucellosis. The dogs were not exhibiting clinical signs consistent with infection, but one of the dogs tested positive on the IFA test at Purdue ADDL. The owner is keeping both new dogs isolated and will retest them in 30-45 days. If the second test is positive, the owner will plan for humane euthanasia. Additionally, all dogs in the kennel will be tested 30-45 days after the new dogs were introduced as a precaution.

Compliance

- Twelve compliance cases were investigated this quarter, involving: carcass disposal (4), interstate movement (6), livestock dealing (2), and rabies vaccination/documentation (2). Case outcomes this quarter included: fines (2), unfounded/no correction needed (3), educational visit and/or letter (4), sent to Attorney General's office (1), and owner corrected problem (2). The full compliance report is included at the end of this report.
- BOAH issued a fine to a horse owner in the amount of \$1,000 for altering an EIA test record and presenting it for movement across state lines. An additional fine was levied against a former licensed livestock dealer in the amount of \$3,000 for dealing in livestock (over \$500,000 in 2 months) after being issued a cease-and-desist order.

Drug Residue Prevention

- Dr. Boyd conducted three dairy drug residue investigations this quarter to determine causation and recommend corrective actions at the farm level.
- Outreach continues for FDA's Guidance for the Industry document (GFI) #263, which affects availability of over the counter (OTC) antibiotics and will be in effect by June 2023. Dr. Boyd attended the Indiana Dairy Producers Conference in French Lick in February and the Indiana Milk Quality Professionals conference in March to answer questions about GFI #263 and the changes to OTC antibiotics affecting dairy producers.
- The drug residue prevention books for new dairy farmers are in their final revision and should be ready by the second quarter of 2023. These books will be given to farmers during their meeting with Dr. Boyd and a BOAH dairy inspector as the farms prepare to begin shipping milk.

Emergency Preparedness & Training

- BOAH received a Medical Reserve Corp (MRC) Operational Readiness Grant to develop the Animal Issues in Disaster Course into an online format. BOAH is working to update the in-person course offering as well.
- Drs. Macy and Shipman are developing a white paper compiling the research performed on above ground burial during the HPAI response entitled "Implementation of Above Ground Burial to Inactivate Highly Pathogenic Avian Influenza."

- Dr. Macy continues to participate in the Veterinary Services National Training and Education Program (VS NTEP) Workgroup to develop and deliver a biosecurity and safety training course for field responders.
- Several members of the BOAH team participated in the District 9 Radiation Emergency Surge Tabletop Exercise on February 10, 2023.
- The second quarter's VMRC webinar is scheduled for May 10 and will focus on animal cruelty indicators in the clinical setting.

Equine

- BOAH was notified of an illegal equine interstate movement by the Michigan Department of Agriculture and Rural Development in early January 2023. A horse that changed ownership at the end of December 2022 and moved from Indiana to Michigan with no CVI was found to be positive for strangles upon arrival at its new Michigan home. Upon investigation, BOAH found that prior to the illegal movement, an Indiana veterinarian had examined the horse, found it to be febrile, provided instructions to keep the horse isolated, and indicated that the horse may need to be treated if it showed additional clinical signs of disease. As was appropriate, the veterinarian did not issue a CVI for the movement, but the horse was nonetheless sold and transported anyhow.
- Dr. Strasser teamed with private practitioner, Dr. Kristi Gran, to give a presentation at the IVMA's annual Crossroads Veterinary Conference on equine herpesvirus myeloencephalopathy, including a case study of the outbreak at a Northern Indiana boarding stable that occurred last spring.

Foreign Animal Disease Investigations

- In addition to responding to numerous public reports of sick birds or increased mortality in poultry flocks, BOAH also conducted three foreign animal disease investigations this quarter. These investigations included ruling out foreign vesicular diseases in a swine farrowing operation and an alpaca farm as well as RHDV-2 in a pet rabbit. All tests were negative for foreign and emerging diseases.

One Health

- Dr. Renshaw virtually attended the one-day "Dogs, Ticks, and Tick-borne Infections: Putting One Health into Practice" webinar presented by Colorado State University's Center for Vector-Borne and Emerging Infectious Diseases.
- Dr. Strasser attended the 47th Annual Indiana Vector Control Association Conference on March 12-14 in Michigan City. She presented about arboviruses shared among horses and humans. This event brings together scientists, educational institutions, and public health agencies to enhance the control of disease-carrying vectors and pests of public health importance in Indiana.
- At the time of this report, no additional animal cases of SARS-CoV-2 in the United States have been reported since last quarter. The count of captive mink farms in the US with a positive diagnosis remains at 18, and the number of states that have detected SARS-CoV-2 in wildlife is still 28. There are likely additional animals testing positive, but cases are not required to be reported if they occur in a previously diagnosed species within a previously diagnosed state.

Sheep & Goats

- For fiscal year 2023, USDA has adopted a new point system for animals tested as part of scrapie eradication efforts. Based on this system, Indiana's new quota is to sample 234 sheep and 124 goats for the fiscal year ending September 30. We have recently identified an additional Indiana slaughter plant where surveillance efforts are now taking place; this additional avenue for samples already seems to be relieving the challenge with reaching the goat quota specifically.

Swine

- Dr. Werling attended the American Association of Swine Veterinarians (AASV) annual meeting in Denver, Colorado in March. African swine fever (ASF) continues to be a hot topic at the meeting. Dr. Werling met with the Poland delegation about their experiences with ASF response and zoning in Poland. Additional topics at the meeting included porcine epidemic diarrhea virus (PEDv) and Australia’s recent experience with Japanese encephalitis virus in pigs.
- BOAH continues to facilitate the Securing Indiana’s Pork Supply program, a voluntary preparedness and continuity of business program for swine producers. Current participation as of March 20, 2023, includes Premises Validation (1,150), Biosecurity Assessment & Training (445), Certified Swine Sample Collectors (68), Securing Indiana’s Pork Supply Meeting (697), and Electronic Movement Permit Training (577). A total of 324 premises have completed all 5 items.
- Indiana’s current US Swine Health Improvement Plan (US SHIP) enrollment per site classification represents approximately 46% of Breeding Herds and 47% of Growing Pig Herds enrolled in US SHIP in Indiana.

Current US SHIP Enrollment as of March 20, 2023

Site Classification	# Sites	Aggregate Capacity
<i>Boar Stud</i>	<i>1</i>	<i>165</i>
<i>Breeding Herds</i>	<i>22</i>	<i>119,080</i>
<i>Farrow-to-Feeder/Finish</i>	<i>1</i>	<i>3,500</i>
<i>Growing Pigs</i>	<i>406</i>	<i>1,927,264</i>
<i>Small Holding</i>	<i>22</i>	<i>13,985</i>
<i>Non-Commercial</i>	<i>2</i>	<i>~10</i>
<i>Packer</i>	<i>2</i>	<i>32,500/daily</i>
<i>Live Animal Marketing Operators*</i>		
TOTAL SITES	456	

**NEW Classification*

- The Certified Swine Sample Collector (CSSC) training program is a national swine sample collection training program that authorizes producers and animal caretakers to collect, handle, and submit samples during a Foreign Animal Disease event. BOAH keeps a repository of all CSSCs in Indiana. There are 68 individuals currently rostered as CSSCs in Indiana.
- One new Commuter Herd Agreement was established, one was cancelled, and 18 renewals were performed this quarter. As of March 20, 2023, Indiana has 70 active Commuter Herd Agreements (44 Import, 26 Export) with 13 states.

Traceability:

- BOAH continues its efforts to notify veterinarians when issued CVIs are rejected by receiving states and returned 119 rejected CVIs to Indiana veterinarians in the first quarter.
- BOAH staff manually processed 44,757 total CVIs (import & export) in 2022.
- Several members of the BOAH team continue to participate in discussions about the USAHERDS/Ag Enterprise database upgrades.

Partnerships & Outreach:

- In late January, Dr. Chavis attended the Northern Top 30 Whitetail Extravaganza, a three-day event in Shipshewana that draws a crowd of deer farmers, enthusiasts, and prospective owners. She provided information to participants about deer movement requirements, CWD program rules, and the recent CWD traces from Wisconsin.

- Several on the BOAH team assisted with instructing the first-year Purdue veterinary students on topics related to animal disease traceability as part of their Veterinary Skills and Competencies course. Over the course of three classes, including lectures and laboratories, we covered information about premises registration, official animal identification, and certificates of veterinary inspection.
- Dr. Cooper gave a lecture to Purdue's second-year veterinary student public health course on reportable diseases and high-consequence disease preparedness and response.
- In coordination with Indiana 4-H, Dr. Miller and Dr. Werling provided a webinar presentation for participants related to official ID requirements and good biosecurity practices.
- Drs. Cooper and Shipman visited three Indiana commercial egg production companies to assist with HPAI preparedness efforts related to permitted movement, surveillance sampling, depopulation, disposal, indemnity, and other outbreak related issues.
- Dr. Werling attended the Indiana Pork Producers Association annual meeting and six regional meetings this quarter to encourage producer participation in emergency preparedness programs and US SHIP.
- BOAH continues to participate in the Michigan Department of Agriculture and Rural Development (MDARD) swine permitting tabletop exercise planning work groups. Indiana has identified one integrator, one independent producer, one swine management company, one exhibition/seedstock producer, and one veterinary services provider to participate in the exercise, which is scheduled for February 2024.
- BOAH is partnering with the National Pork Board to participate in a tabletop exercise focusing on ASF response in the Cull Sow Market industry. The tabletop exercise will be hosted in Indianapolis in August 2023.
- Dr. Cooper spoke to the Purdue Animal Sciences "Cracking the Poultry Industry" class about BOAH's role in the poultry industry and current and future industry challenges as viewed from the regulatory perspective.
- Drs. Cooper and Shipman served as guest speakers during a lunch and learn event open to all Purdue veterinary students. They spoke about the roles of private practitioners in carrying out BOAH's mission and provided an update on the current HPAI outbreak.
- Dr. Strasser participated in the Indiana Association of Equine Practitioners board meeting and provided a BOAH agency update to their membership.

Looking Ahead:

- Dr. Miller will travel to Iowa in April to instruct the scrapie portion of USDA's Professional Development Field Skills Course. She also assists with teaching cattle handling, swine sampling, and captive bolt euthanasia during this course.
- The BOAH team plans to apply for USDA Cooperative Agreement Funding that will cover producer costs for obtaining genomically estimated breeding values (GEBV) for farmed white-tailed deer in the state. The GEBV reflects the additive genetic merit of white-tailed deer with respect to differences in susceptibility to CWD.
- Dr. Chavis will attend the 4th International CWD Symposium in Denver, Colorado in May 2023. Many new scientific discoveries and developments have occurred since the last symposium in 2009. This

year's theme is "Overcoming Barriers to Control CWD" and will focus on practical and feasible CWD management and control strategies.

- A standardbred horse farm owner in northern Indiana is interested in operating a USDA-approved contagious equine metritis (CEM) quarantine facility. Dr. Strasser is currently working with the owner and revamping the CEM quarantine facility paperwork to facilitate that application and potential agreement.
- Several of the BOAH team will be assisting with Veterinary Accreditation Core Orientation in May for 2023 graduates of the Purdue College of Veterinary Medicine.
- BOAH team members will be presenting at the USAHERDS conference next quarter and will collaborate with the 18 other user states on how to efficiently manage animal health and program data.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Kyle Shipman DVM". The signature is fluid and cursive, with the "DVM" part being more distinct and larger than the name.

Kyle Shipman, DVM
Director, Animal Programs

INDIANA STATE BOARD OF ANIMAL HEALTH - ANIMAL CARE INVESTIGATIONS REPORT - QUARTER 1, 2023

Incident Name	Date Range	Species Involved	Primary Investigator	Summary of Complaint	BOAH Disposition	Case Status
14SA17WS-01Z Lake	08/18/23 - 01/03/23	Equine	Strasser	Private citizen contacted BOAH regarding suspected neglect of animals.	Referred to Bureau of Land Management	Charges Not Pursued
14VE0ZBR-01X Lawrence	01/03/23 - 01/11/23	Bovine	Lovejoy	Animal control contacted BOAH regarding multiple animals for possible neglect.	Written Recommendations	Pending Prosecutorial Decision
14VP1015-04C Wayne	01/03/23 - 01/13/23	Canine	Justice	Law enforcement contacted BOAH regarding an animal seized for neglect.	Investigation Complete	Pending Prosecutorial Decision
14VU19KY-01Z LaPorte	01/09/23 - 01/17/23	Canine	Strasser	Private citizen contacted BOAH regarding suspected neglect of animals at a rescue.	Did Not Request Assistance	Unknown
14VV1C41-0B4 Cass	01/17/23 - 01/18/23	Ovine	Boyd	Animal control contacted BOAH regarding multiple animals for possible neglect.	Investigation Complete	Charges Not Pursued
14VW19WC-0AL Washington	01/06/23 - 01/20/23	Canine	Macy	Animal control contacted BOAH regarding a stray dog found in poor condition.	Investigation Complete	Charges Not Pursued
14W80Q5A-01Y Kosciusko	01/18/23 - 01/24/23	Canine	Lamb	Prosecutor's office contacted BOAH regarding a dog seized as part of a bite investigation.	Investigation Complete	Pending Criminal Charges
14VW19QU-0AL Washington	01/04/23 - 01/25/23	Canine	Lovejoy	Animal control contacted BOAH regarding two stray dogs found in poor condition.	Investigation Complete	Pending Prosecutorial Decision
14W3166Z-01Z St. Joseph	01/24/23 - 01/26/23	Canine	Strasser	Animal control contacted BOAH regarding two deceased dogs found.	Investigation Complete	Pending Prosecutorial Decision

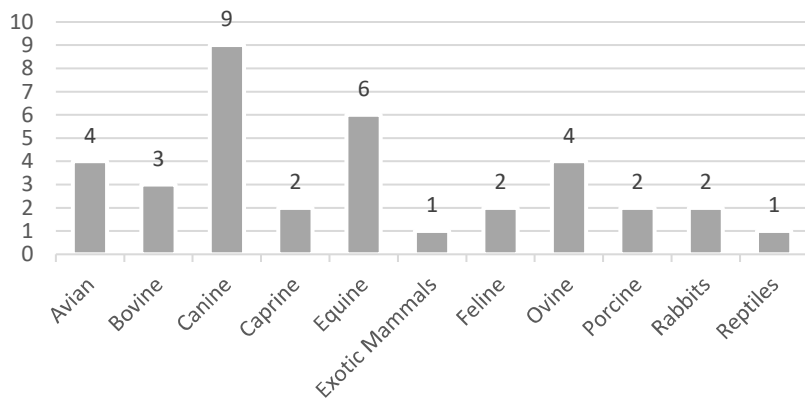
INDIANA STATE BOARD OF ANIMAL HEALTH - ANIMAL CARE INVESTIGATIONS REPORT - QUARTER 1, 2023

Incident Name	Date Range	Species Involved	Primary Investigator	Summary of Complaint	BOAH Disposition	Case Status
14W51G6Q-01Z St. Joseph	11/10/22 - 01/28/23	Avian, Caprine, Equine, Ovine, Rabbits	Strasser	Animal control contacted BOAH regarding multiple animals for possible neglect.	Investigation Complete	Charges Not Pursued
14WA1DR5-0AL Dearborn	01/24/23 - 02/02/23	Avian, Exotic Mammals, Reptiles	Macy	Animal control contacted BOAH regarding a recheck at an exotic pet store.	Investigation Complete	Charges Not Pursued
14WX15KR-0B4 Clinton	02/16/23 - 02/23/23	Equine	Boyd	Animal control contacted BOAH regarding multiple animals for possible neglect.	Investigation Complete	Charges Not Pursued
14WX195W-093 Knox	02/22/23 - 02/24/23	Canine	Renshaw	Animal control contacted BOAH regarding animals seized for neglect.	Investigation Complete	Pending Criminal Charges
14X218D5-01Z LaPorte	02/06/23 - 02/28/23	Canine	Strasser	Animal control contacted BOAH regarding animals seized for neglect.	Investigation Complete	Pending Criminal Charges
14X51BQS-01Z LaPorte	02/06/23 - 03/03/23	Equine	Strasser	Animal control contacted BOAH regarding multiple animals for possible neglect.	Investigation Complete	Charges Not Pursued
14X9113Y-04C Tipton	02/09/23 - 03/08/23	Equine	Justice	Law enforcement contacted BOAH regarding one animal for possible neglect.	Investigation Complete	Charges Not Pursued
14XF1FFB-016 Hancock	03/06/23 - 03/13/23	Avian, Bovine, Caprine, Equine, Ovine, Porcine	Miller	Prosecutor's office contacted BOAH regarding animals seized for neglect.	Investigation Complete	Pending Criminal Charges
14XG17V8-04C Wayne	02/24/23 - 03/14/23	Feline	Justice	Law enforcement contacted BOAH regarding multiple animals for possible neglect.	Investigation Complete	Pending Prosecutorial Decision

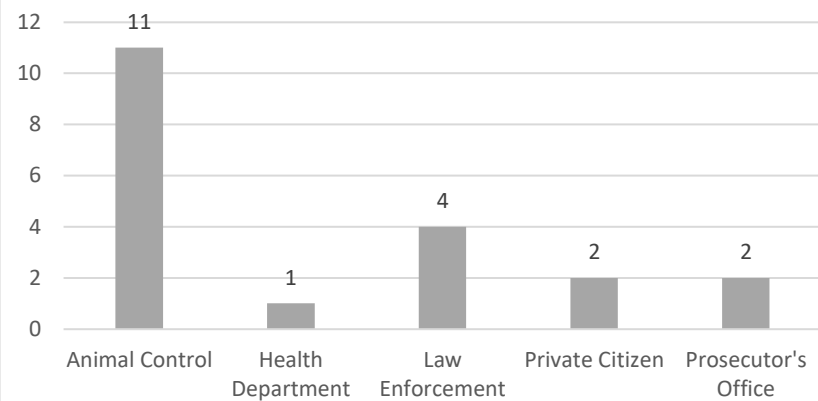
INDIANA STATE BOARD OF ANIMAL HEALTH - ANIMAL CARE INVESTIGATIONS REPORT - QUARTER 1, 2023

Incident Name	Date Range	Species Involved	Primary Investigator	Summary of Complaint	BOAH Disposition	Case Status
14XH1TWB-016 Owen	03/15/23 - 03/15/23	Avian, Bovine, Canine, Feline, Ovine, Porcine, Rabbits	Miller	Health department contacted BOAH regarding multiple animals for possible neglect.	Investigation Complete	Charges Not Pursued
14XG1DSV-093 Knox	03/13/23 - 03/17/23	Canine	Renshaw	Law enforcement contacted BOAH regarding one animal for possible neglect.	Investigation Complete	Pending Prosecutorial Decision

CASES INCLUDING EACH SPECIES



SOURCE OF COMPLAINT

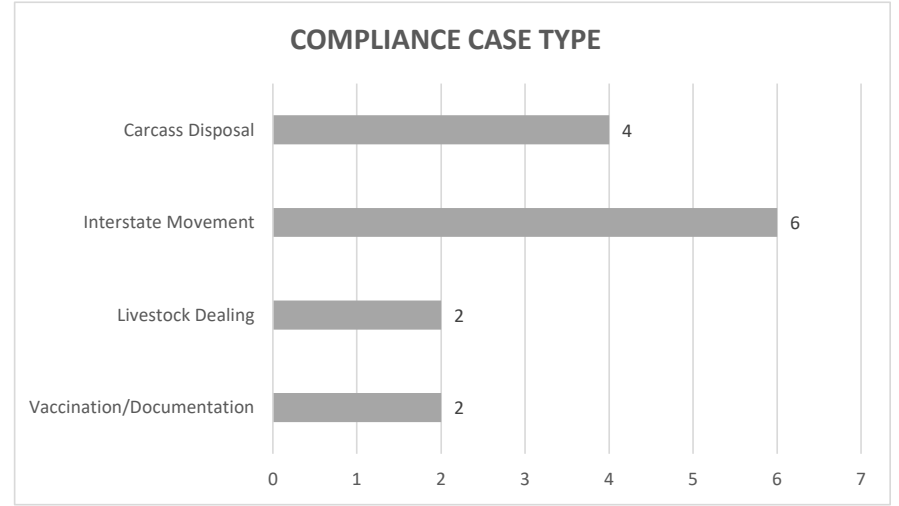
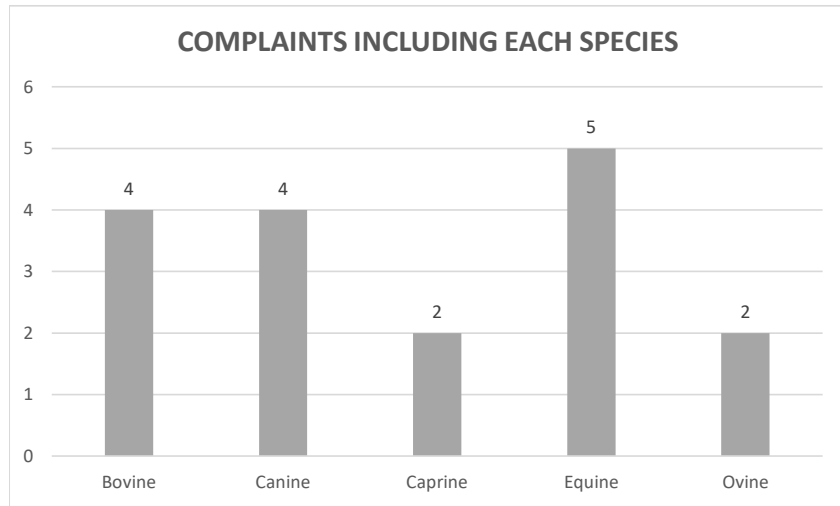


INDIANA STATE BOARD OF ANIMAL HEALTH - COMPLIANCE REPORT - QUARTER 1, 2023

Incident Name/County	Date Range	Species Involved	Case Type	Primary Investigator	Summary of Complaint
14UT11R1-01Y Hamilton	11/21/22 - 12/14/22	Avian, Bovine, Caprine, Ovine, Porcine	Carcass Disposal/Illegal Slaughter	Price	Violation of illegal slaughtering and improper disposal of poultry carcasses. Case reviewed by BOAH legal counsel and forwarded to the Attorney General's Office.
14XF0ZKM-01Y Clark	6/28/22 - 3/10/23	Equine	Traceability/Interstate Movement/Livestock Dealing	Price	Investigated equine movements and dealings for dealer with EIA positive trace. Report under review by BOAH.
14VU14PG-01Y Elkhart	08/03/22 - 12/21/22	Bovine, Caprine, Ovine	Livestock Dealing	Paul	Follow-up for livestock dealing without a license. BOAH issued Administrative Order with fine for \$3,000 for continuing to deal in livestock without a license.
14VV11F0-01Y Lagrange	12/16/22 - 12/30/22	Equine	Traceability/Interstate Movement	Paul	Unfounded complaint of illegal equine movements/documentation through auction market.
14WJ19VJ-055 Vermillion	12/20/22 - 02/10/23	Equine	Carcass Disposal	Gunn	Improper carcass disposal. Corrective action taken by owner.
14VZ12YD-01Y Hancock	01/02/23 - 01/19/23	Canine	Traceability/Interstate Movement	Price	Rescue group transported dogs across state lines without a CVI. Letter of information sent to rescue.
14W01B3S-01Y Elkhart	01/05/23 - 01/12/23	Equine	Traceability/Interstate Movement	Lamb, Paul, Price	Horse transported from IN to MI without a CVI. USDA IES is investigating. BOAH discussed livestock dealing, movement regulations, and disease biosecurity with owner.
14WM0PE5-0BJ St Joseph	01/10/23 - 02/06/23	Porcine	Carcass Disposal	Paul	Unfounded complaint of improper disposal of swine carcasses.
14WM1EYT-01Y St Joseph	01/19/23 - 02/07/23	Equine	Traceability/Interstate Movement	Price	Notice of Violation and Order was issued, including a fine for \$1,000 for presenting a fraudulent EIA test record for movement of a horse across state lines.
14XG1C5Z-01Y Henry	02/06/23 - 07/07/23	Bovine	Carcass Disposal	Justice, Price	Unfounded complaint of improper carcass disposal.
14XC1KZH-01Y Porter	02/09/23 - 03/03/23	Canine	Rabies Documentation	Justice, Price	Pet store provided rabies certificate that was not legal in IN. Educated owner on Indiana's rabies laws.
14XG1F25-055 Parke	02/15/23 - 03/14/23	Bovine, Caprine, Ovine	Carcass Disposal	Gunn	Improper carcass disposal. Corrective action taken by owner. County pressed felony charges for improper disposal of carcasses.

INDIANA STATE BOARD OF ANIMAL HEALTH - COMPLIANCE REPORT - QUARTER 1, 2023

Incident Name/County	Date Range	Species Involved	Case Type	Primary Investigator	Summary of Complaint
14XG1G34-01Y Allen	03/08/23 - 03/13/23	Bovine	Carcass Disposal	Chavis, Price	Improper carcass disposal. Corrective action taken by owner.
14XH1MGC-01Y Wells	03/10/23 - 03/10/23	Canine	Rabies Vaccination	Chavis, Price	Follow-up on previous case to vaccinate all the dogs on the property for rabies. All dogs currently vaccinated.
14XN1KNT-01Y Huntington	03/17/23 - 03/20/23	Canine	Traceability/Interstate Movement	Price	Rescue group transported dogs across state lines without a CVI. Letter of information sent to rescue.



REPORT TO THE BOARD, April, 2023

Quarterly Highlights

- 10 new plants have joined the program this quarter- 3 new facilities started under inspection and 4 new Custom Exempt facilities. There were 3 facilities that have new ownership or increased their inspection.
- Pig’s Tale Charcuterie in Indianapolis, was accepted into the CIS program. We currently have 17 plants in the program. (this is the 24th plant that has been accepted into the program since its inauguration)
- Dr Suhr and Dr Swiatkowski spoke at the Indiana /Illinois Meat Packers and Processors Association meeting on February 24th and 25th.
- Dr. Suhr spoke at the Indiana Beef Cattle Association meeting on January 21, 2023
- MPI held a meeting with Indiana State Board of Health to help understand and facilitate the septic approval process for slaughter and processing plants.



Fast Facts:

- Facilities by type:

Red meat harvest and processing	49
Poultry harvest and processing	2
Meat harvest, no further insp. processing	3
<u>Processing only facilities</u>	<u>24</u>
Official establishments	78
+	
Limited Permit Retail HRI	2
<u>Custom exempt establishments</u>	<u>50</u>
Total program facilities	130

- We currently are interviewing for a supervisor position in the Northwest area as Greg Lower has announced his retirement in early June. We will have one open inspector position.
- **We currently have 39 inspectors, 6 Supervisors, 2 EIAOs, 2 Compliance Officers, 1 EIAO/Compliance officer, 4 Central Office staff = 54 employees**
- BOAH MPI continues to take advantage of USDA/FSIS virtual training courses. We had 3 inspectors complete the Inspection Methods course beginning March 6, 2023.

Meat & Poultry Inspection Division



Looking ahead

- Dr. Swiatkowski has continued meeting weekly with small groups of inspectors for training.
- 5 new facilities are estimated to join the State MPI program in the next few months.

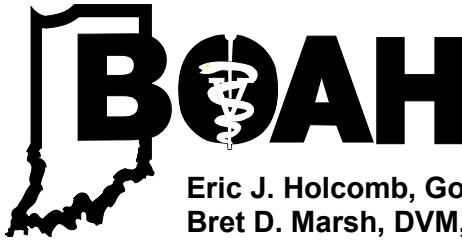
Last year we had 11 new plants total. We have surpassed that in the **first quarter** so far this year. We are expecting record numbers of new plants/ owners this year.

Partnerships and Outreach

- FSIS Chicago District Office CIS weekly teleconference between BOAH MPI and Ohio MPI – sharing pandemic and CIS related information.
- MPI weekly teleconference with field staff.
- MPI, IMPPA and ISDA are holding monthly meetings to help support new and existing plants that we actively participate in.

Respectfully submitted,

Kerri Z. Suhr, DVM



Eric J. Holcomb, Governor
Bret D. Marsh, DVM, State Veterinarian

INDIANA STATE BOARD OF ANIMAL HEALTH

Office of the State Veterinarian
Discovery Hall, Suite 100
1202 East 38th Street
Indianapolis, IN 46205-2898
Phone: 317/544-2400

Dairy Division

Quarterly Highlights

- For the first quarter of 2023 there were 13 state surveys and 6 federal check ratings. Overall average sanitation score state surveys was 91. Overall average enforcement score for state surveys was 94.
- These ratings included 2 Grade A plants and 3 single service plants.
- Indiana is down 5 farms for this quarter.

Fast Facts

- Currently 692 Grade A farms
- Haulers 451
- 22 Grade A Dairy Plants
- 1 Pending Grade A Plant
- 4 Truck Wash / 2 Transfer Stations
- 34 farms with a total of 180 AMI's
- 11 Manufactured Grade Farms
- Milk Trucks 505
- 29 Manufactured Grade Plants
- 14 Single Service Manufactures
- 9 Distributors

Looking Ahead

- Nathan Campbell will be representing BOAH at the 2023 annual meeting of the National Association of Dairy Regulatory Officials as Indiana's voting delegate.
- BOAH will be sending a delegation on October 24-26 to the 2023 Eastern Milk Seminar. This is an informational conference held with FDA for all states in this region.

Partnerships and Outreach

- Dairy Division Staff attended a meeting held in partnership with the Ohio Department of Agriculture to host 5 states and industries as well as FDA to review proposals submitted to the NCIMS. Indiana, Ohio, Michigan, Illinois, Kentucky, and West Virginia were in attendance.
- The week of April 3-7, The National Conference of Interstate Milk Shipments was held at the JW Marriot. Dairy Division staff partnered with Kyle Shipman, Denise Derrer Speers, and Jared Hagenow of BOAH as well as 3 staff members from the Michigan Department Agriculture and Rural Development, Food and Dairy Division.

Respectfully Submitted,

Patrick Hash

Director, Dairy Division

Safeguarding Indiana's animals, food supply and citizens for more than 125 years.

An equal opportunity employer and provider.

State Veterinarian's Progress Report

For the Period

January 11, 2023 through April 11, 2023

Highlights of the Quarter

1. The Governor's introduced budget included the additional funding requests submitted by BOAH. This is a very significant development, and I am grateful for the support we have received from BOAH's stakeholders to keep the budget request intact. Gary Haynes and I made a presentation to the House Ways and Means Committee regarding the BOAH request, and we answered several questions from legislators, including inquiries about the ADDL.
2. Although the Indiana poultry industry is vulnerable to Highly Pathogenic Avian Influenza (HPAI) each day, the last positive case was in mid-December of last year. The poultry industry has made extraordinary strides in enhancing overall preparedness, and we continue to provide resources to support their efforts to protect their flocks.
3. BOAH has been collaborating with the Indiana State Department of Agriculture (ISDA) regarding potential opportunities to offer meat grading services to Indiana meat plants. Indiana statutes were amended several years ago to provide for a grading program, but the logistics and expense of the program were prohibitive. The USDA's Agricultural Marketing Service (AMS), the agency responsible for meat grading services nationwide, is reevaluating their program, and it may make meat grading feasible.
4. We have been in several conversations with the Professional Licensing Agency (PLA) regarding the move of the Board of Veterinary Medicine (VetBoard) to collocate with BOAH. A Memorandum of Understanding (MOU) is being finalized for the VetBoard to continue to use the licensing database currently used by PLA. PLA has been very helpful, and we have learned a lot about the inner workings of the Veterinary Licensing Board.
5. BOAH hosted an Indiana Poultry Health Advisory Council (IN-PHAC) meeting on Friday, March 31, 2023. This is the second meeting for this Council, and there has been excellent participation. Ty Harweger addressed the Council before launching into a full agenda of poultry industry topics.
6. I was fortunate to participate in a variety of meetings throughout the quarter including, but not limited to, Crossroads Veterinary Conference, AgriInstitute Thought Leaders meetings, Indiana Beef Cattle Association, Institute for Infectious Animal Diseases, Indiana State Poultry Association's Legislative Banquet, Indiana Pork's Taste of Elegance, Legislators Reception for Indiana's zoos hosted by the Indianapolis Zoo, Veterinary Medicine 102 lecture, Clark County Cattlemen's Association, ADDL Advisory Committee, Milk Quality Conference, Farbest grower meeting, Indiana Council on Animal Welfare, and a meeting with the new Director of the Indiana State Department of Agriculture, Don Lamb.

Looking Forward

1. By the time of the next Board meeting, the Indiana Board of Veterinary Medicine will be collocated with BOAH in Discovery Hall. Additionally, if the state budget passes as it was

introduced, a new Director of the VetBoard will be hired. This is a very exciting development, and we look forward to working closely with the VetBoard. In preparation for the transition, a survey was conducted of Indiana licensed veterinarians and Indiana registered veterinary technicians to determine their expectations of the VetBoard. The results of the survey will be shared on a veterinary stakeholder's call planned for April 2023.

2. Three additional animal health positions will be added if the budget, as introduced, is passed, and we have already started the search for a poultry veterinarian, a poultry health specialist and an epidemiologist.
3. The Swine Health Improvement Plan's (SHIP) General Conference Committee (GCC) will meet in conjunction with the World Pork Expo (WPE) in Des Moines, Iowa in June. The GCC is securing candidates for the first-ever elected GCC. The election will take place at the SHIP House of Delegates session in Minnesota in September, 2023.
4. In response to significant influenza activity at swine exhibitions across the country in 2012, a joint effort by the National Association of State Public Health Veterinarians (NASPHV) and the National Assembly of State Animal Health Officials (NASAHO) produced a paper titled, "Measures to Minimize Influenza Transmission at Swine Exhibitions." The first meeting of these two organizations was hosted by BOAH in 2013, and there have been updates to the document over the last several years. BOAH will be hosting the two organizations again later this year to revisit the document.
5. BOAH has been asked, in close collaboration with IN Pork, to host a workshop addressing the challenges of a foreign animal disease (FAD) in the cull swine marketing channels. BOAH has identified several key national cull marketing firms to participate in the workshop, and we are serving on the planning committee. The date for the workshop is August 24, 2023, and it will be held in Indianapolis.
6. The critical role of the Indiana Animal Disease Diagnostic Laboratory (ADDL) cannot be overstated, and a strategic plan for the ADDL will be developed over the next several months. BOAH is providing input to the strategic planning effort, and we look forward to the outcome.
7. I have become increasingly concerned about the ability of state animal health offices to address high consequence disease events. States in general do not have the resources necessary to carry out the tasks they have been given. This concern has been exacerbated over the last year because of the HPAI incident that has impacted 47 states. Further, at the USAHA meeting last fall in Minneapolis, the APHIS Administrator announced that USDA cannot continue to respond to the HPAI incident. States must be better prepared to respond to disease challenges in their jurisdictions without relying solely on USDA. The nation is only as well prepared as the least prepared state.

Therefore, I have proposed to the National Assembly of State Animal Health Officials (NASAHO) that a voluntary state-based accreditation program be established. This program could be modeled after the successful American Association of Veterinary Laboratory Diagnosticians' (AAVLD) accreditation program for animal disease diagnostic laboratories, or the American Veterinary Medical Association's (AVMA) Council of Education's accreditation program for veterinary colleges or the Public Health Accreditation Board's accreditation of public health departments. Similarly, the World Organization for Animal Health (WOAH) offers a voluntary country-based evaluation tool to ascertain a country's ability to address animal health issues within their country.

I will take this topic to the United States Animal Health Association's (USAHA) Executive Committee with the goal of establishing a Working Group to determine the feasibility of the proposal. If all goes as planned, the Working Group will deliver a report to the USAHA Board of Directors at their annual meeting this fall in Washington, DC.

8. More to come...

Bret D. Marsh, DVM

State Veterinarian