



2023 Legislative Update

Dr. Marion Garcia | State Veterinarian

The Very Brief Overview of the Board of Animal Health

- Six-member Board. Two current vacancies for livestock producers.
- Oversee livestock and companion animal diseases.
- Work within the One Health approach.
- Permit exhibitions.
- Partner with farmers, industry, veterinarians and academia.
- Plan/prepare, conduct disease surveillance, respond to disease detections.
- More details on what we're up to are in the attached handout.

- One Health is an approach recognizing the health of people is closely connected to the health of animals and our shared environment.
- We work closely with other state agencies (MDA, MDH, DNR, MPCA).
- Examples of our role;
 - The Board is part of the Minnesota One Health Antibiotic Stewardship Collaborative
 - Antibiotic stewardship and partnering with veterinarians to prescribe responsibly.
 - Identify and control zoonotic diseases like Rabies, Brucellosis, Influenza, Salmonella.

U.S. Swine Health Improvement Plan

U.S. SHIP Program Data: Fiscal Year 2022

Minnesota U.S. SHIP Sites Enrolled by Type:

863	Growing Pig	2	Boar Stud
89	Breeding Herd	1	Packing Plant
9	Small Holding		

U.S. SHIP Biosecurity Survey: Minnesota Participation by Site Type:

5,421	Growing Pig	57	Non-Commercial
680	Breeding Herds	47	Boar Stud
217	Farrow-to-Feeder/Finish	9	Packing Plant
100	Small Holding		

- Minnesota ranks second in U.S. swine production.
 - U.S. SHIP is a Federal/State/Industry partnership to prevent, control and eradicate swine diseases like African Swine Fever (ASF).
 - U.S. SHIP develops a national playbook of technical standards.
 - ASF is a viral disease of swine that is nearly 100-percent fatal.

Canine Brucellosis

- A zoonotic disease of rising concern that is not curable.
- Highlights importance of the One Health approach to disease.
- Many dogs don't show signs of illness while spreading bacteria through their urine, stool, saliva and reproductive organs.
- Infected dogs can pose a risk to people:
 - Immunocompromised, young, elderly, or pregnant
 - Can cause heart infections, joint inflammation, birth defects or loss of the fetus

Canine Brucellosis: Fiscal Year 2022

27

Investigations

41

Total Dogs Tested

14

Positives

27

Negatives



Companion Animals

- The Board licenses and inspects both commercial dog and cat breeders, and kennels (also known as animal shelters).
- Inspections evaluate animal health and veterinary care, housing, nutrition, sanitation, facility management and behavioral enrichment with guidelines based on peer reviewed research.
- Formed the Companion Animal Advisory Task Force to address:
 - Evolving health and welfare needs of companion animals
 - Regulation of animal welfare organizations
 - Changing import requirements to prevent disease (12,231 dogs imported in FY22)

Companion Animals

Licensed Kennel & Commercial Dog and Cat Breeder (CDCB) Data: Fiscal Year 2022

87

Kennels Licensed

115

CDCB Licensed

9

New Kennels Licensed

3

New CDCB Licensed

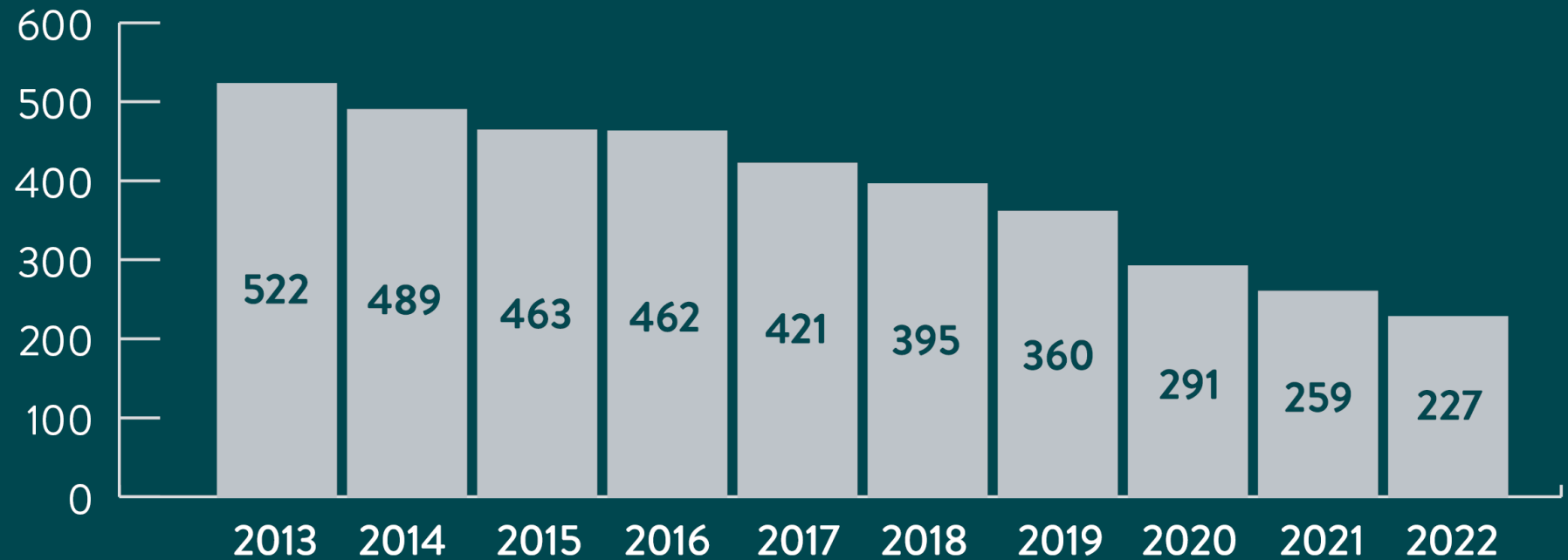
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Participants in the Breeder of Excellence Program



Farmed Cervidae – Fiscal Year 2022

Total Registered Cervid Herds by Fiscal Year, 2013-2022



Farmed Cervidae – Fiscal Year 2022

Species breakdown by animal

BREED	TOTAL ANIMALS	NUMBER OF HERDS
White-Tailed Deer	3,337	140
Elk	3,073	83
Red Deer	154	7
Reindeer	75	9
Fallow Deer	93	7
Sika Deer	27	4
Muntjac	23	5
Pere David's Deer	4	1
Moose	2	1
Caribou	2	2
White-Lipped Deer	1	1
TOTAL:	6,791	227




Herd Usage

USAGE	TOTAL HERDS
Breeding	57
Exhibition/Competition	17
Hobbyist	106
Hunting Preserve Site	12
Meat Production	45
Other Animal Products	8
Trophy/Hunting Animal Sales	71
Urine Production	4
Velvet Antler Production	16
Unknown	1
TOTAL:	227

Farmed Cervidae Interstate Movements 2022



Farmed Cervidae

- Cervid farmers must:
 - Be registered with the Board
 - Maintain fencing at least 8 feet
 - Test for Chronic Wasting Disease (CWD)
 - All animals 12 months of age and older that die. (only post-mortem testing)
 - Maintain and annually submit an animal-by-animal inventory
 - Every animal in the herd must have at least one official ear tag
 - Movements of animals into and out of herd must be reported to the Board within 14 days
 - Dead animals must be reported to the Board within 14 days
- Two decades of CWD in Farmed Cervidae:
 - 2002 – 2022
 -  13 CWD positive herds, 1,502 depopulated
 -  54 positive animals
 -  1,448 animals CWD not detected

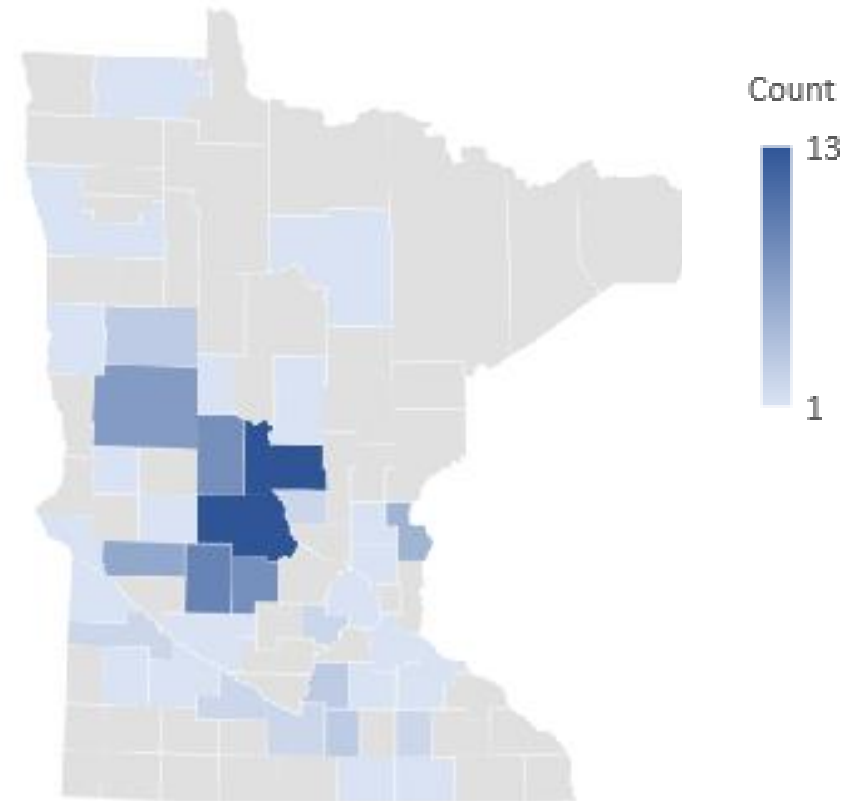
Farmed Cervidae: CWD Testing 2018 - 2022

Year (SFY)	Total animals tested for CWD	Total Not Detected (ND)	Total Positive	Percent Positive
2018	1,849	1,733	9	0.5%
2019	2,172	2,143	9	0.4%
2020	2,173	2,139	6	0.3%
2021	1,763	1,725	23	1.3%
2022	1,358	1,355	3	0.2%

Highly Pathogenic Avian Influenza

- 110 cases in 38 Counties
 - 72 Commercial Turkey Meat Birds
 - 7 Commercial Breeder Turkeys
 - 1 Commercial Table-Egg Layer
 - 1 Commercial Broiler
 - 29 Non-Commercial flocks
- 4.2 million birds infected

MN 2022 HPAI Heat Map by County



Highly Pathogenic Avian Influenza

- Incident Command Post
- Surveillance and testing
- Authorized Poultry Testing Agents
- National Poultry Improvement Plan (NPIP)
- Case Management



Bird Flu Basics Multilingual Campaign

BIRD FLU BASICS

Highly Pathogenic Avian Influenza

is a virus that can affect all domestic birds including chickens, turkeys, pheasants, ducks and geese.



For more information: z.umn.edu/biosecurity
Minnesota Avian Influenza Hotline: 1-833-454-0156



Aspectos básicos de la gripe de las aves

La detección temprana del HPAI es fundamental para limitar su propagación.

Indicios de enfermedad:
Muerte súbita inexplicable
Aves calladas y deprimidas
Cresta y barbilla de color púrpura
Beben menos agua

Para más información, visite el sitio z.umn.edu/biosecurity
O llame a la línea directa para la gripe aviar de Minnesota al 1-833-454-0156

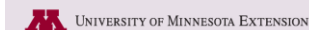


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Nadiifiya waxyaabaha ka dhexeeya ama quudinta dheera

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Ama soo wac khadka tooska ah ee Shimbiraha ee Minnesota 1-833-454-0156



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Qhia Txog Tus Kab Mob (Bird Flu Basics)

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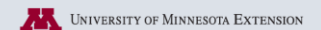
BIRD FLU BASICS

Keep your poultry housing clean to help protect your flock from HPAI.

- Clean feeders and waterers.
- Wear clean clothing and shoes.
- Clean and disinfect any equipment.



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Minnesota Avian Influenza Hotline: 1-833-454-0156



Highly Pathogenic Avian Influenza

- HPAI is expected to continue to circulate in wild populations into 2023 with introductions into domestic populations expected.
- Biosecurity continues to be our primary line of defense
- Vaccination is not an option at this time and would require USDA approval.
 - Vaccination can impact bilateral trade agreements

Thank You!

Marion Garcia, DVM

State Veterinarian and Executive Director