



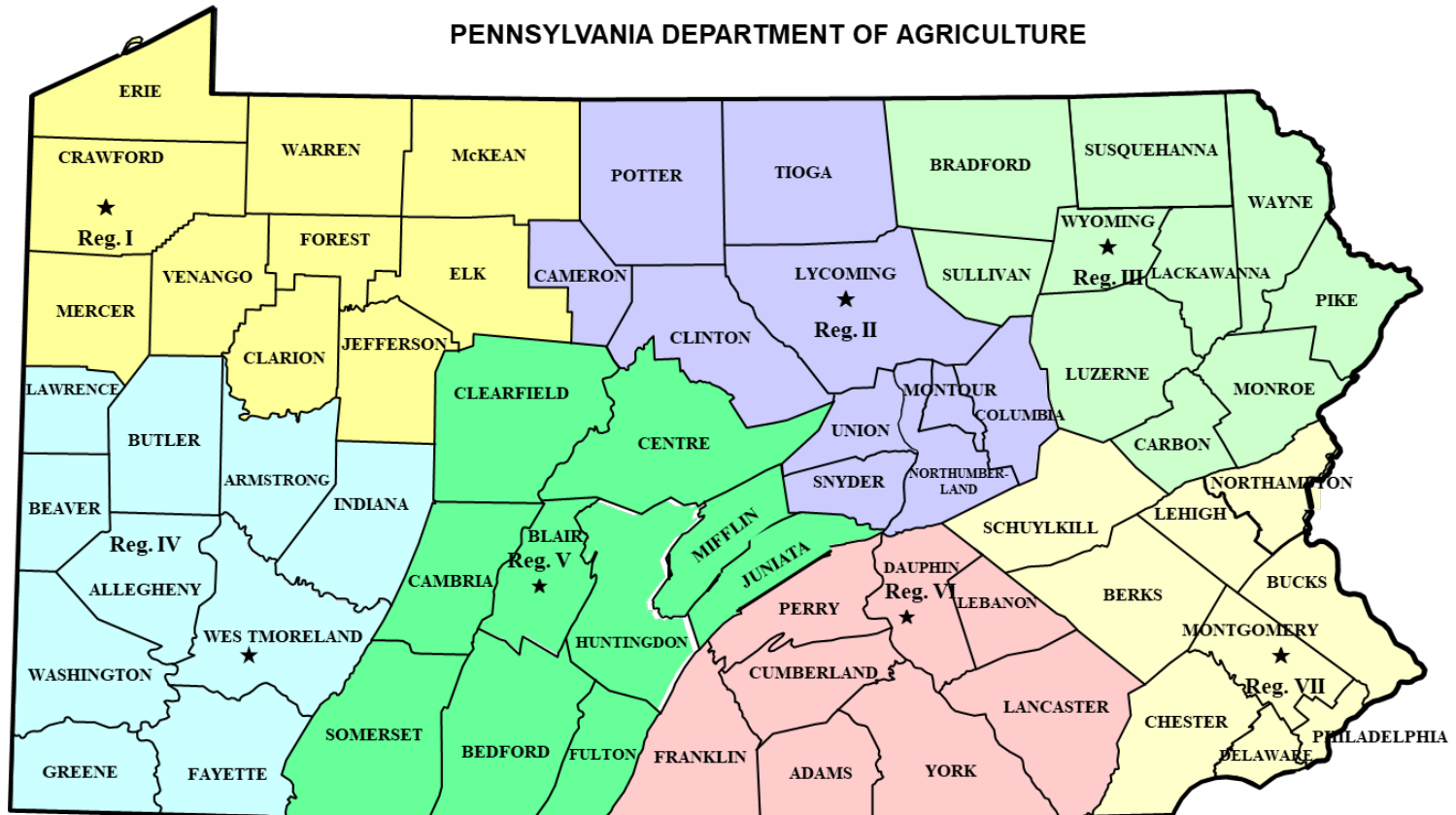
# CWD Core Captive Management Zone – Bedford, Blair and Fulton Counties

# Topics

- Current Captive Cervid Programs
- Objectives of the CCMZ
- Requirements of the CCMZ Quarantine Order



PENNSYLVANIA DEPARTMENT OF AGRICULTURE



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# Current Captive Cervid Programs in PA

- CWD Herd Certification Program
  - Voluntary
- CWD Herd Monitored Program
  - Mandatory minimum program
- Cervid Livestock Operation License
  - If qualified
- TB/Brucellosis Programs
  - Voluntary
- **Core Captive Management Zone Quarantine Order**
  - **Bedford, Blair and Fulton Counties**

2014 CWD  
Quarantine  
Order – Still in  
effect



# CWD-Susceptible Species

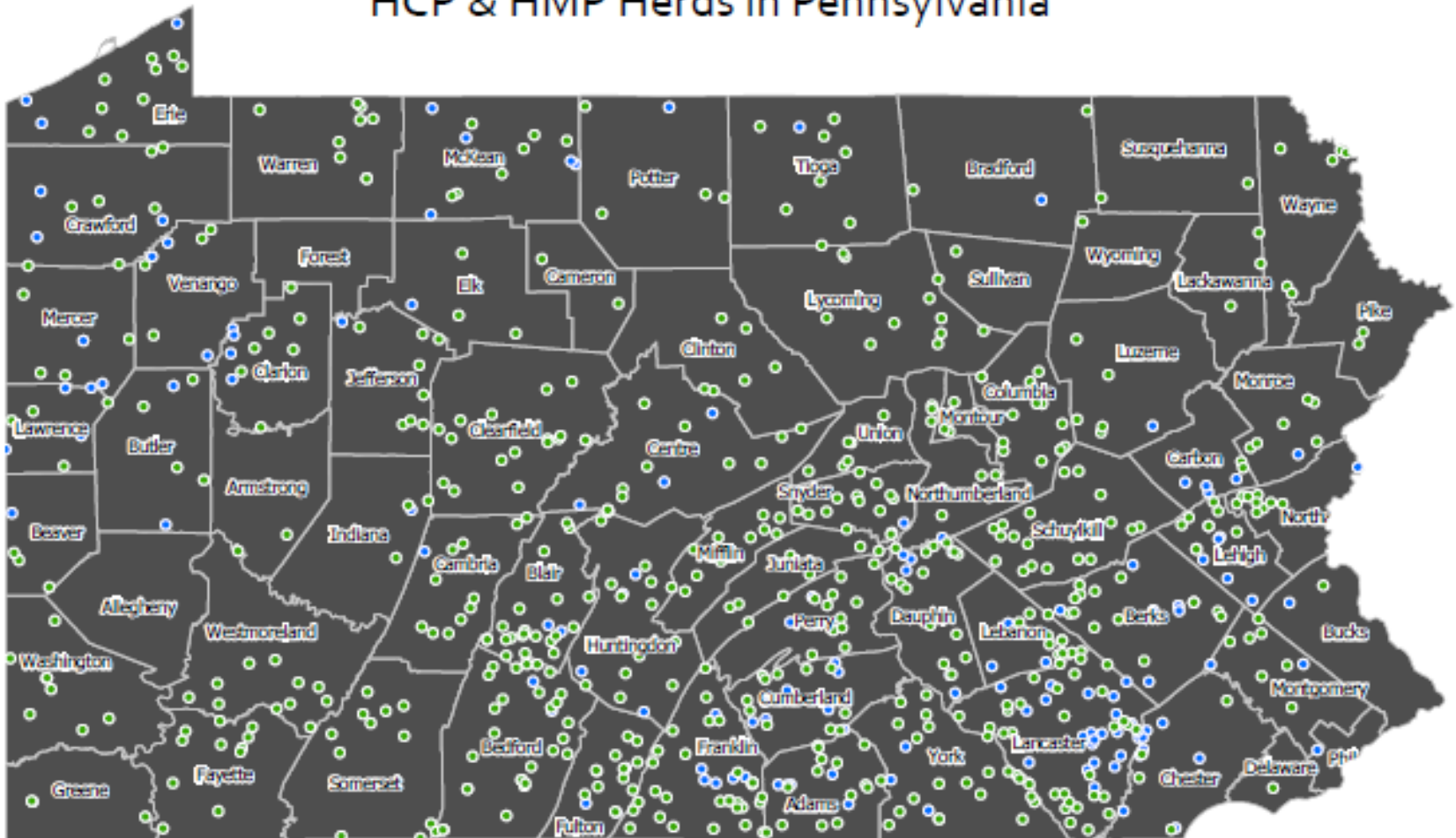
- White-tailed deer
- Black-tailed deer
- Elk
- Red deer
- Mule deer
- Sika deer
- Reindeer
- Moose
- Hybrids



# Objectives of the CCMZ Quarantine Order

- Reduce the spread of CWD to areas outside the Core Captive Management Zone where CWD is not yet established in the wild deer population
- Allow for continuity of operations among herds within the CCMZ, including herds in which animals have tested positive for CWD

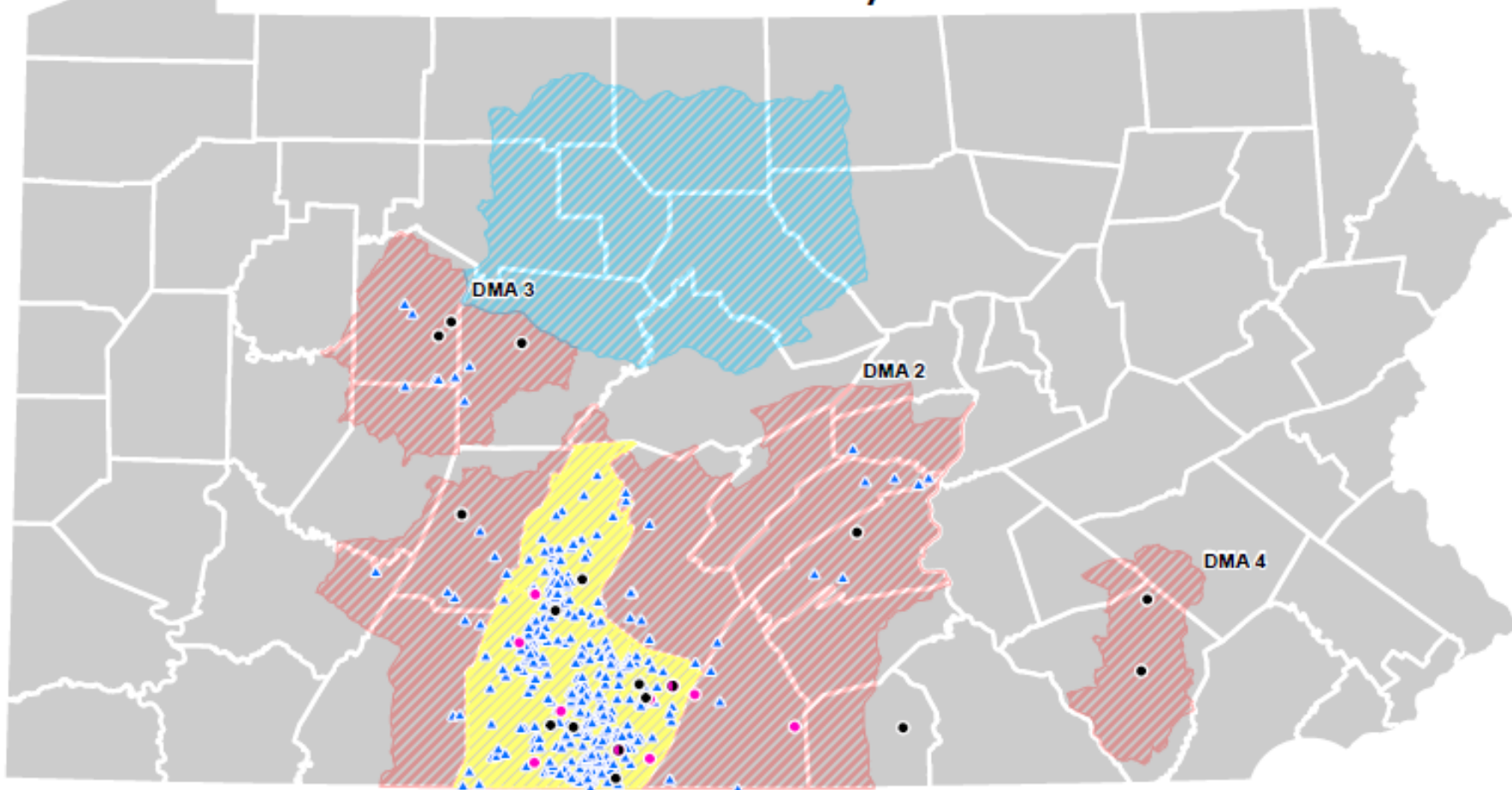
# HCP & HMP Herds in Pennsylvania




- HMP
- HCP
- County Boundary



# CWD in Pennsylvania





**pennsylvania**  
DEPARTMENT OF AGRICULTURE

Map Data: Bureau of Animal Health & Diagnostic Services  
Updated 08.25.2020

Legend

- Captive Positive Premises (partially depopulated)\*
- Captive Positive Premises (fully depopulated)\*
- Captive Positive Premises\*
- ▲ Wild Positives
- CWD Core Captive Management Zone
- Elk Management Area
- CWD Disease Management Area (DMA)

\* Captive positive premises had CWD detected in one or more deer.

Wild Positives as of 08.08.2020	
County	#
Bedford	230
Blair	71
Fulton	17
<b>Total for CCMZ</b>	<b>433</b>
<b>Total for PA</b>	<b>481</b>



# Movement rules

- Rules for CWD positive farms
  - Encourage safer practices on the farm
    - E.g. stocking density, testing, fencing, age, genetics etc.
  - Reduce risk of CWD spread
    - to surrounding deer farms
    - business contact farms
  - Maintain business continuity
    - Survive the SOQ
    - New business opportunities

# Prerequisites for All Cervid Movement within PA – None of this is new!

- In good standing on a CWD Program
- Active Cervid Livestock Operation License
  - If applicable
- All current requirements for proper identification and documentation apply
  - Official ID Tag
  - Bill of sale (or record with complete information if no money is exchanged)
  - Movement recorded on annual inventory forms
  - Movement ONLY to another premises already enrolled in a CWD program
  - 10 day movement form (HCP herds)

# Leaving the Zone?

- For live Whitetail deer to leave the zone
  - Must come from a Herd Certified Program herd
  - Must have negative RAMALT testing within the last 3 years (additional conditions apply)
  - Needs a permit from PDA
  - Cannot originate from a CWD positive premises
  - Other CWD susceptible species cannot leave



# Entering the Zone?

- For live animals to enter the zone
  - Originate from HCP or HMP herd
    - Can be CWD positive
  - Destination herd can be HCP or HMP
    - Can be a CWD positive premises
  - Need a permit from PDA
- If your deer is involved in a CWD trace, it could result in quarantine until the animal is tested or 60 months elapses

# Herds within the zone

- The remainder of this presentation focuses on movements regarding the CCMZ and is likely to be of interest for those who operate within the CCMZ

# HMP Herds

- **No movement of live cervids from herds located *inside* the CCMZ to premises *outside* of the CCMZ is allowed**
  - Exceptions
    1. Veterinary facility for treatment (notify PDA within 72 hrs)
    2. Diagnostic laboratory (notify PDA within 72 hrs)
    3. Directly to slaughter
- Movement of live cervids from herds located *inside* the CCMZ to other herds also *inside* the CCMZ is allowed
- Movement of live cervids from herds located *outside* the CCMZ to herds located *inside* the CCMZ is allowed

# HMP Herds

- The following parts of dead cervids may be transported out of the CCMZ:

- Antlers
- Clean skull caps
- Capes
- Deboned meat



- Semen and embryos (if they meet additional requirements) may be transported out of the CCMZ

# HCP Herds

- **Can continue to move live cervids from herds located *inside* the CCMZ to premises *outside* of the CCMZ including interstate commerce**
  - Acceptable movements
    1. Veterinary facility for treatment (notify PDA within 72 hrs)
    2. Diagnostic laboratory (notify PDA within 72 hrs)
    3. Directly to slaughter
    4. If RAMALT testing is completed within 3 years of movement
      1. WHITE-TAILED DEER ONLY
      2. At least 90% of all cervids over 9 months of age must be tested and have “not-detected” test results; CWD “detected” results will result in a herd quarantine
      3. Written permit from PDA
      4. All veterinary expenses and liability incurred by the herd owner



# HCP Herds

The following movements of live cervids are allowed:

- From herds *inside* the CCMZ to other herds also *inside* the CCMZ
- From herds *outside* the CCMZ to herds *inside* the CCMZ
- To other states
  - If other states' importation requirements can be met
- From herds in other states
  - If PA importation requirements can be met

# HCP Herds

- The following parts of dead cervids may be transported out of the CCMZ:

- Antlers
- Clean skull caps
- Capes
- Deboned meat



- Semen and embryos (from animals that meet qualifications) may be transported out of the CCMZ

# Movement is Now Possible

- Once a herd is determined to be CWD positive it operates under a special order of quarantine – no movement on or off of the premises – until now
- Within the zone movement is now allowed
  - Rules designed to minimize risk to surrounding cervids and destination herds
  - Encourage practices to reduce CWD within the herd

# Quarantined Herds in the CCMZ

- Movement of quarantined animals may be allowed based on several conditions
  - CWD Positive Herd Rate
  - Gender composition of animals in the herd (males *and* females vs males only)
  - Written permits issued by the PA Department of Agriculture
- The inventory anniversary date of all quarantined herds will be changed to **March 1**



# Calculating the CWD Positive Herd Rate

CWD Positive Herd Rate = 
$$\frac{\text{Number of CWD detected animals}}{\text{Number of CWD susceptible animals over 9 months of age as of the end of the anniversary period}} \times 100$$

## Example:

10 CWD detected animals in the herd of 100

10

100 CWD susceptible animals over 9 months at the end of the anniversary period

$$\frac{10}{100} \times 100 = 10\%$$

CWD Positive Herd Rate

## Herds with *Less Than 5%* CWD Positive Herd Rates

- Live male cervids from any other herd may be added under written permit
- Live female cervids from any other herd may be added under written permit
  - Up to the number of females over 9 months of age that died or were harvested in the previous anniversary period
- Live cervids or parts may be moved under written permit

# Herds with Greater Than or Equal to 5% CWD Positive Herd Rate – **Males Only**

- Live male cervids from any other herd may be added under written permit
- Live cervids or parts may be moved under written permit



## Herds with Greater Than or Equal to 5% CWD Positive Herd Rate – **Known Numbers of Males & Females**

In order to add live male cervids, participants may choose one of two options within 12 months of exceeding a 5% CWD Positive Herd Rate:

1. Remove all female animals
2. Segregate males and females by at least 30 feet
  1. No breeding allowed without written permission
  2. The total number of males and females may not exceed the number of cervids on the herd inventory when the 5% CWD Positive Herd Rate is determined
  3. All cervids must be listed on a single inventory



## Herds with Greater Than or Equal to 5% CWD Positive Herd Rate – Unknown Numbers of Males & Females

In order to add live male cervids, participants must remove all females within 12 months of exceeding a 5% CWD Positive Herd Rate



# Moratorium on New Enrollment

- No new premises or businesses with CWD susceptible species may be established within the CCMZ
- Pre-existing establishments will be grandfathered
  - Must maintain an active inventory
  - Additional premises to a pre-existing establishment may be allowed under written permit