



THE HEARTLAND AVIAN INFLUENZA WORKSHOP

Movement of Impacted Materials

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Safeguarding Animal Health





What are Impacted Materials

- Infected Premises
 - Animal / Bird Carcasses
 - Manure / Litter
 - Feed / Feed Ingredients
 - Equipment
 - Discarded Building Materials (Curtains, Belts)
 - Waste (Used PPE, etc.)
 - Eggs
- Impacted Materials on other premises



Loads of Liquid Egg Moved to Processing

Facility	Loads
Dixon 1	160
Dixon 2	123
Knox 1	189
Grand Total	472

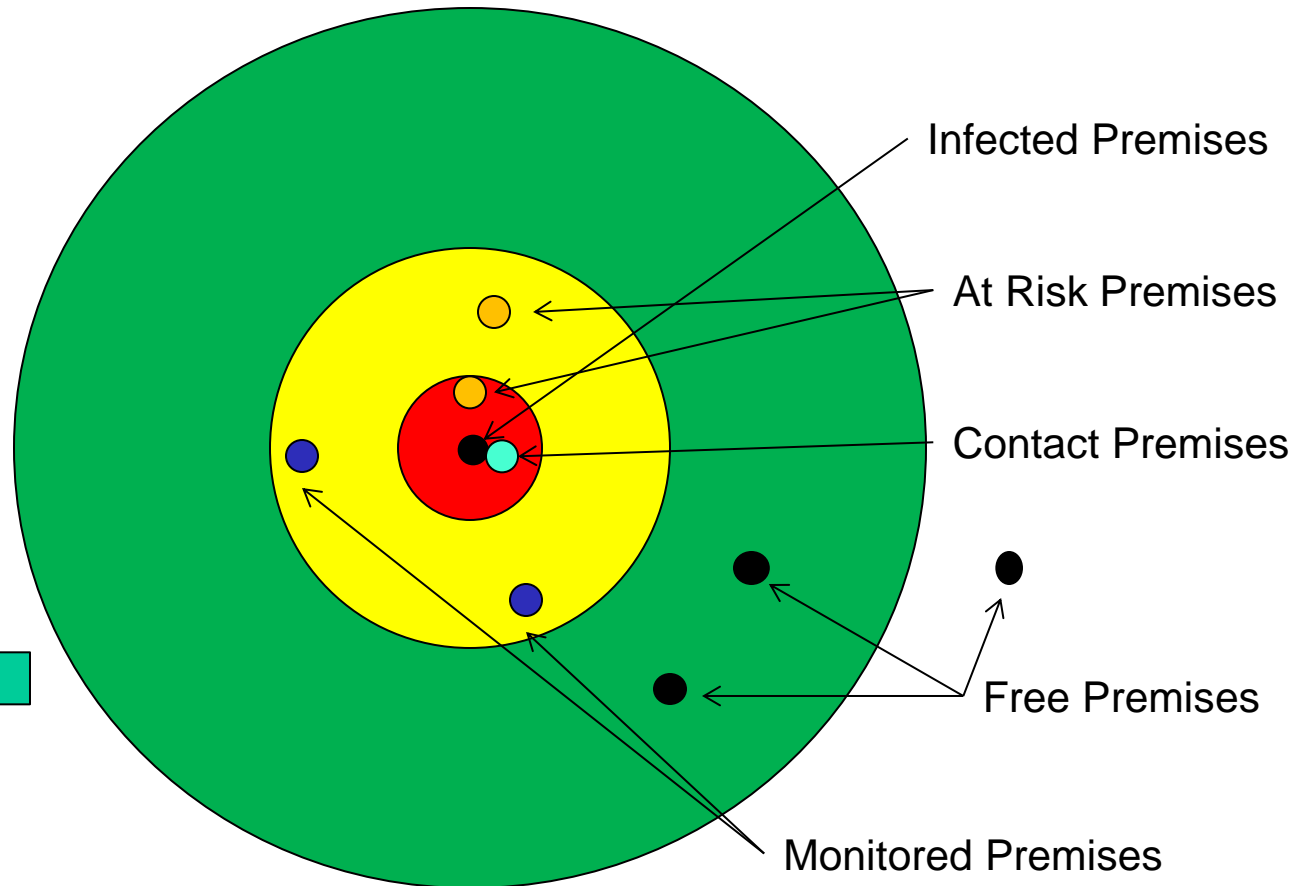
Zones and Premise Designations

Control Area

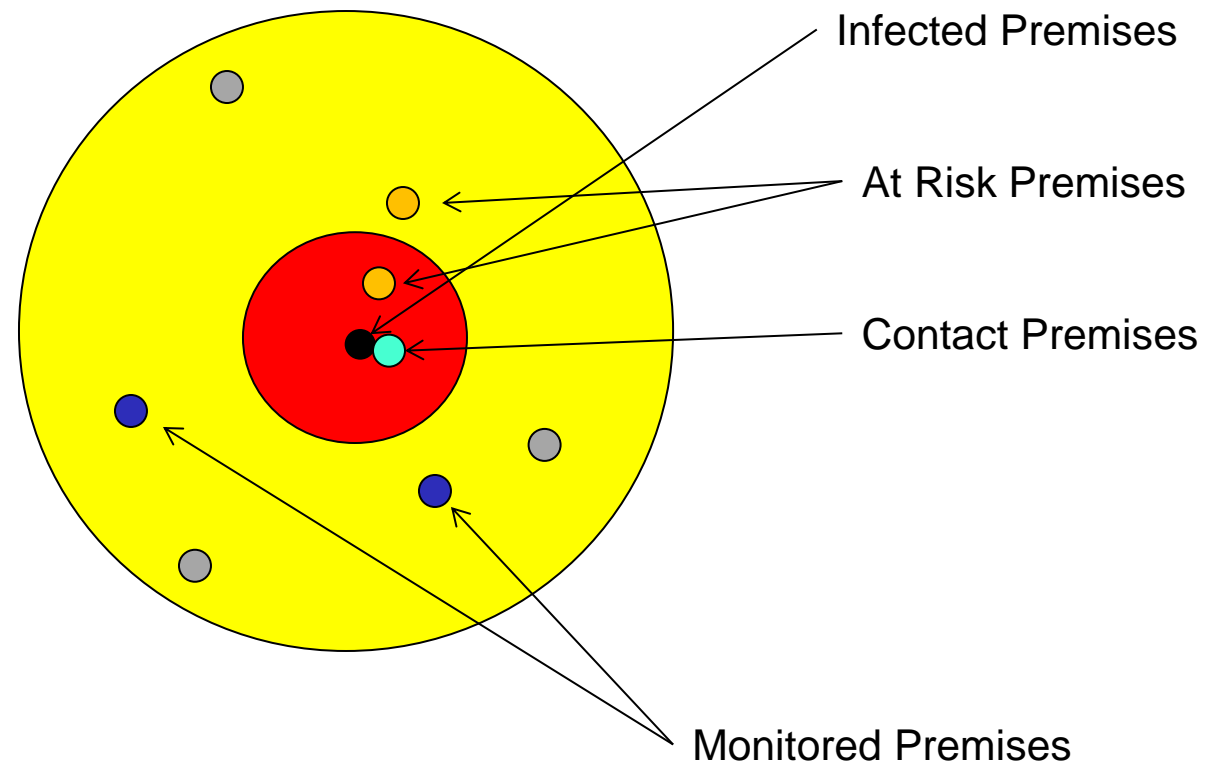
➤ Infected Zone 

➤ Buffer Zone 

Surveillance Zone 



Control Area



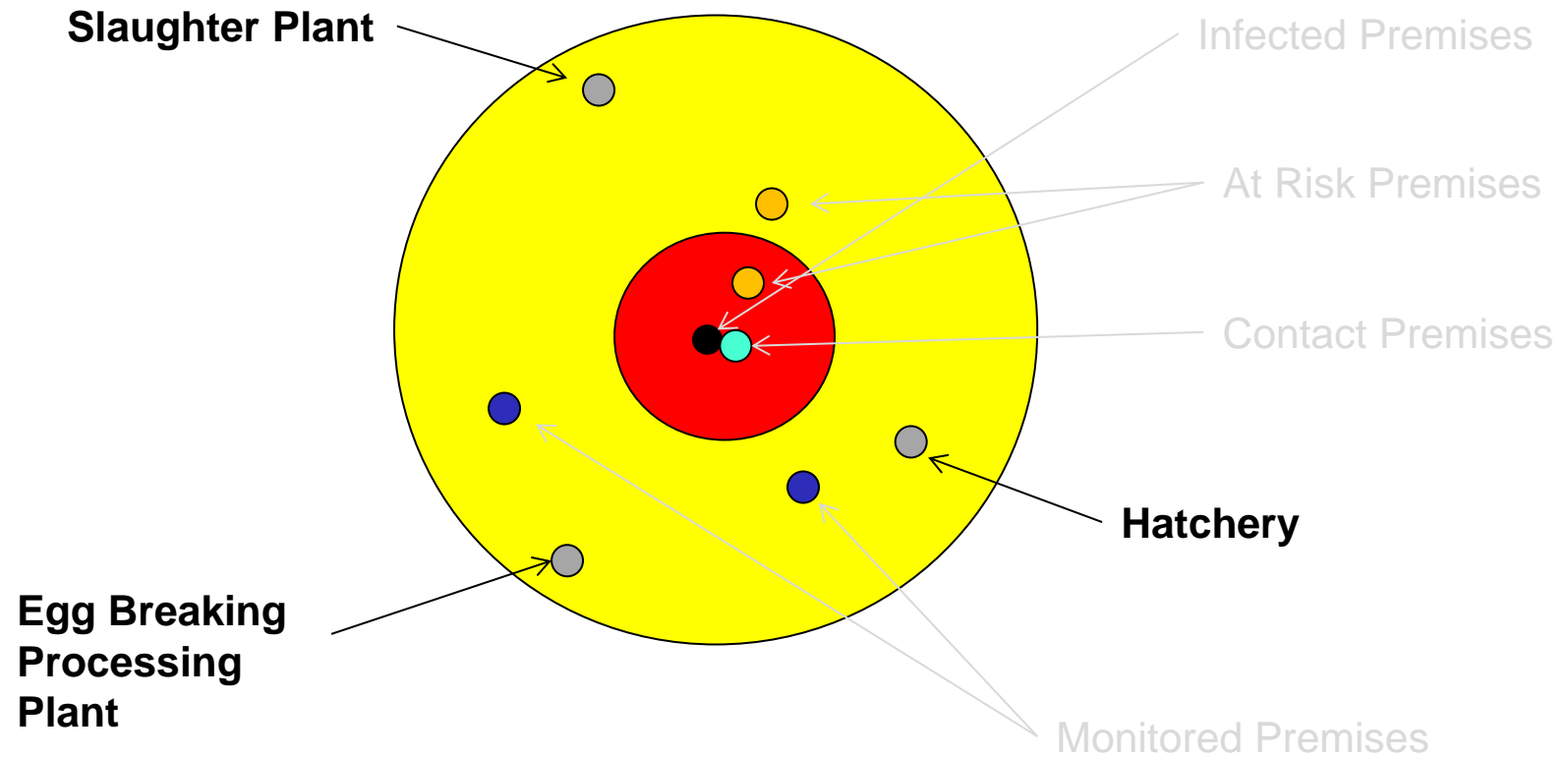
Contact Premises

- Premises with susceptible animals that may have been exposed to HPAI, either directly or indirectly, including but not limited to exposure to animals, animal products, fomites, or people from Infected Premises.

- Dangerous Contacts
 - Nebraska – 2
 - Minnesota – 6
 - Iowa - 5



Control Area



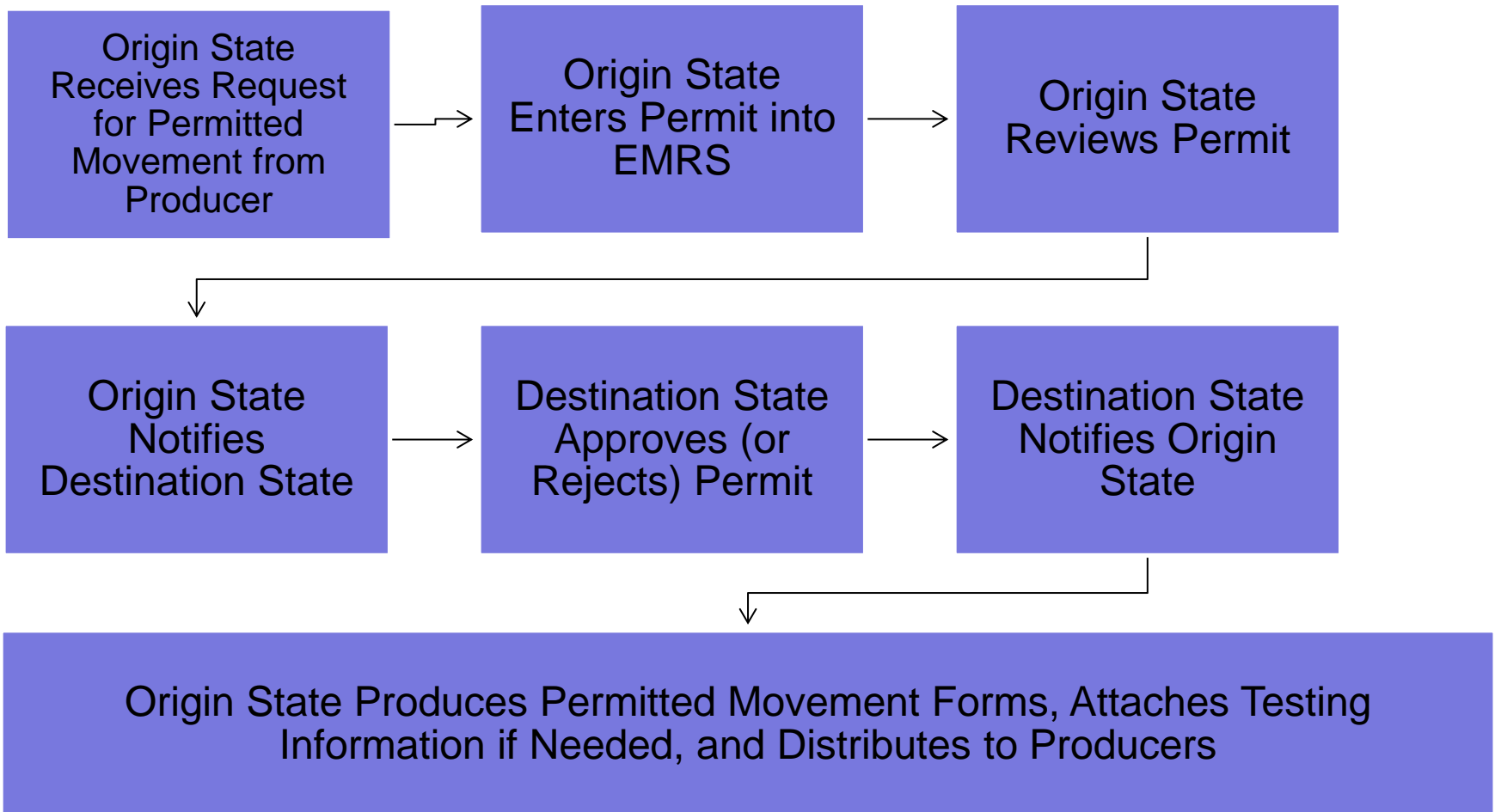
Secure Egg Plan

Table D-1. Summary of SES Plan Permitting

Product	The proactive risk assessment for movement is:	And traceability information (premises ID, GPS coordinates, or other) is available:	And production parameters are normal:	And the following biosecurity measures are in place (please see the product-specific sections for the list of steps involved in each of these measures):	And the RRT-PCR result is negative?	Action:	Permit guidance to move off the farm (NOT to market):	And the premises biosecurity is acceptable?	And the epidemiological assessment is acceptable?	And the second RRT-PCR result is negative?	Action:	Permit guidance to move to market channels:
Pasteurized liquid egg	Negligible	YES	YES	1. Truck and driver biosecurity			<i>These steps are not required for this product.</i>					Issue PERMIT to market
Non-pasteurized liquid egg	Negligible	YES	YES	1. Truck and driver biosecurity	YES	→	Issue PERMIT to move to pasteurization					Non-pasteurized liquid egg becomes pasteurized liquid egg
Washed and sanitized shell egg (to premises without poultry)	Negligible	YES	YES	1.Truck and driver biosecurity 2.Product-specific biosecurity	YES	→	Issue PERMIT to move off premises to a storage or holding area	YES	YES	YES	→	Issue PERMIT to move to market for eggs collected 2 days earlier
Washed and sanitized shell egg (to premises with poultry)	Low	YES	YES	1.Truck and driver biosecurity 2.Product-specific biosecurity	YES	→	Issue PERMIT to move off premises to a storage or holding area	YES	YES	YES	→	Issue PERMIT to move to market for eggs collected 2 days earlier
Nest run shell eggs	Low	YES	YES	1.Truck and driver biosecurity 2.Product-specific biosecurity	YES	→	NO PERMIT issued until 2 negative RRT-PCR tests	YES	YES	YES	→	Issue PERMIT to move to processing for eggs collected 2 days earlier (can move immediately to market after processing)
Layer hatching eggs	Low	YES for both the breeder farm and the hatchery	YES	1.Truck and driver biosecurity 2.Product-specific biosecurity	YES	→	NO PERMIT issued until 2 negative RRT-PCR tests	YES	YES	YES	→	Issue PERMIT to move to hatchery or processing for eggs collected 2 days earlier
Layer day-old chicks	Low	YES for both the hatchery and the pullet farm	NA	1.Truck and driver biosecurity 2.Product-specific biosecurity 3.No eggs from RRT-PCR positive breeder flocks	NA		NA	YES	YES	NA	→	Issue PERMIT to move layer day-old chicks to pullet farm; 21-day quarantine at pullet premises



Permitting Workflow: Interstate



Permits Types for Live Birds / Hatching Eggs

- Chicken- Broilers
- Chicken- Day Old Chicks
- Chicken- Hens
- Chicken- Pullets
- Turkey- Breeder
- Turkey- Meat Birds
- Turkey- Poults
- Turkey- Semen
- Egg- Hatching Eggs
- Other- Live Game birds
- Backyard Poultry
- Ducks



Testing Requirements to Move Birds Located in a Control Area

- Monitored Premises
 - Collect swabs for the 5-bird pool sample(s) on each premises every other day for 14 days
 - Collect swabs for the 5-bird pool(s) on each premises once every 5 days for the duration of the quarantine
- *Prior* to bird movement
 - 2 consecutive, negative 5-bird pool tests of birds to be moved
 - Sample (swab) immediately prior to moving product.
 - Visual inspection of birds in all houses on premises for 2 consecutive days including the day before and day of movement.



Permitted Products

- Egg -Edible Non-Pasteurized
- Egg- Edible Pasteurized
- Egg- Inedible Non-Pasteurized
- Egg- Egg Shells
- Egg- Nest Run Eggs
- Egg- Washed & Sanitized Table Eggs
- Fresh/Frozen Poultry Product
- Offal



Other Permitted Materials

- Bulk Feed
- Carcasses - Daily Mortality
- Carcasses - Euthanized
- Dumpsters/Garbage
- Poultry Litter
- Propane Delivery
- Trays / Cartons
- Wastewater
- Wood Shavings

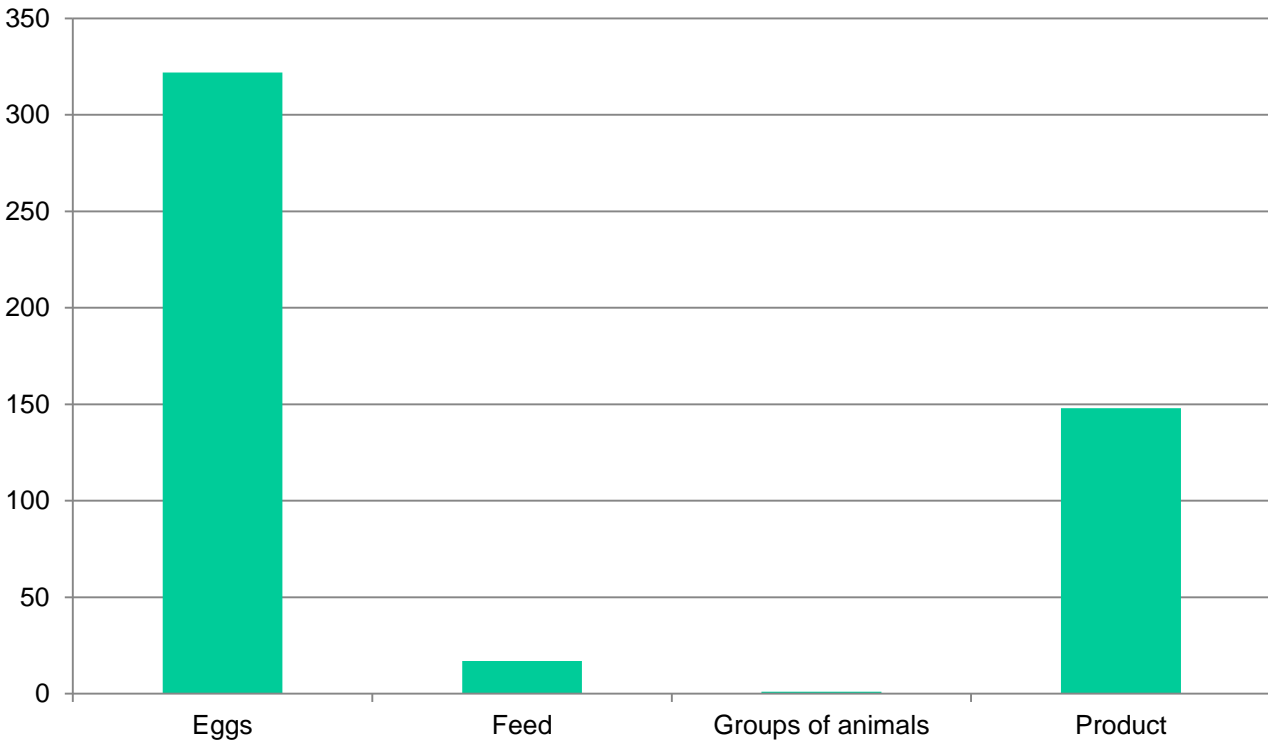


Examples of Biosecurity Requirements for Product Movement

- Truck drivers must wear disposable plastic boots or rubber boots that can be disinfected if they get out of the vehicle. Plastic boots may be disposed of on the premises.
- Hands and rubber footwear must be thoroughly cleaned and disinfected prior to leaving the premises.
- Tires must be sprayed with disinfectant before leaving the premises.
- At the end of each day, floor mats in the cab must be washed with disinfectant.
- Dedicated trucks will be used to transport materials between these sites and will be cleaned and disinfected after hauling each load and before being used to haul the next load.
- Daily shipment reports must be submitted Include truck and driver information (tractor license plate, trailer license plate, driver name).



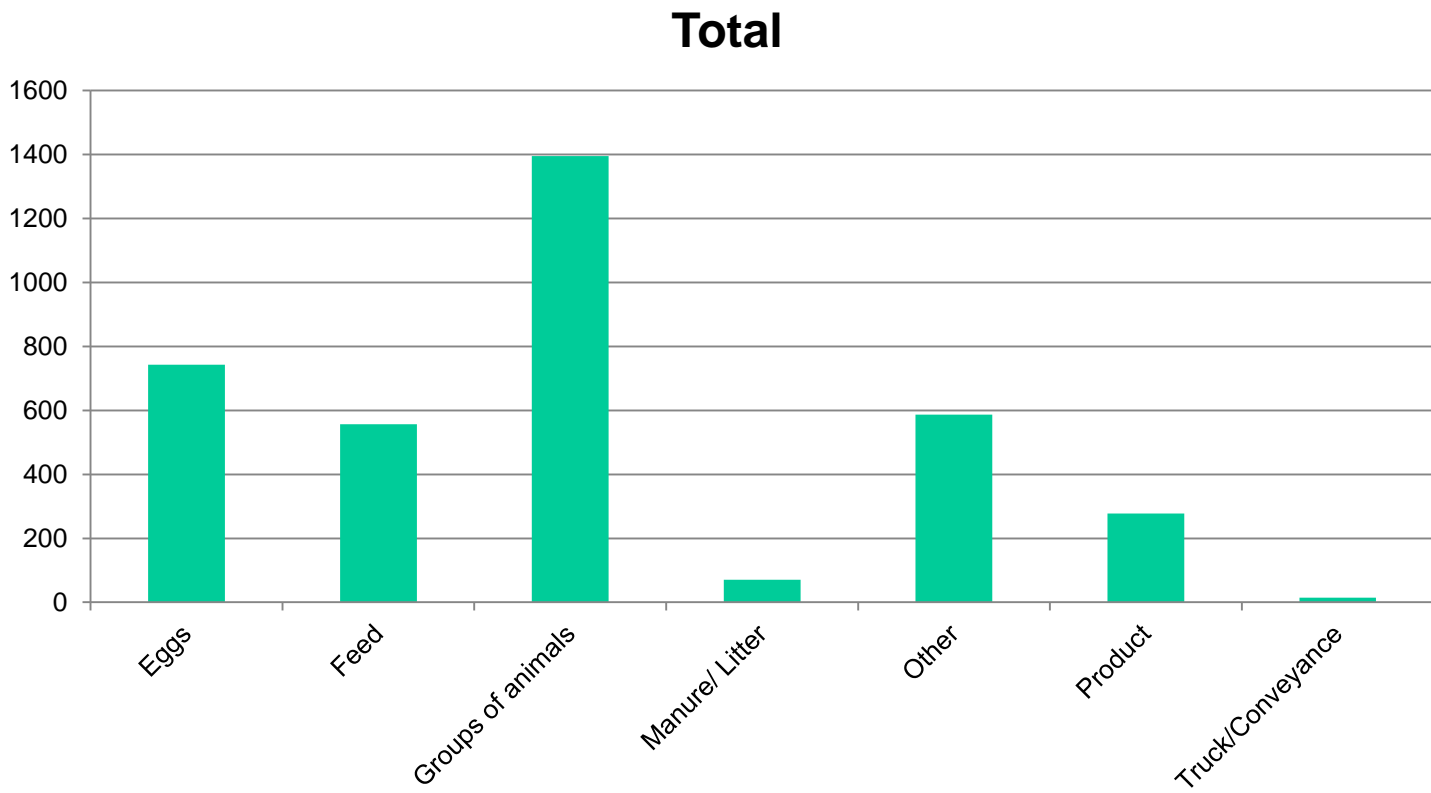
Permitted Movements - Nebraska



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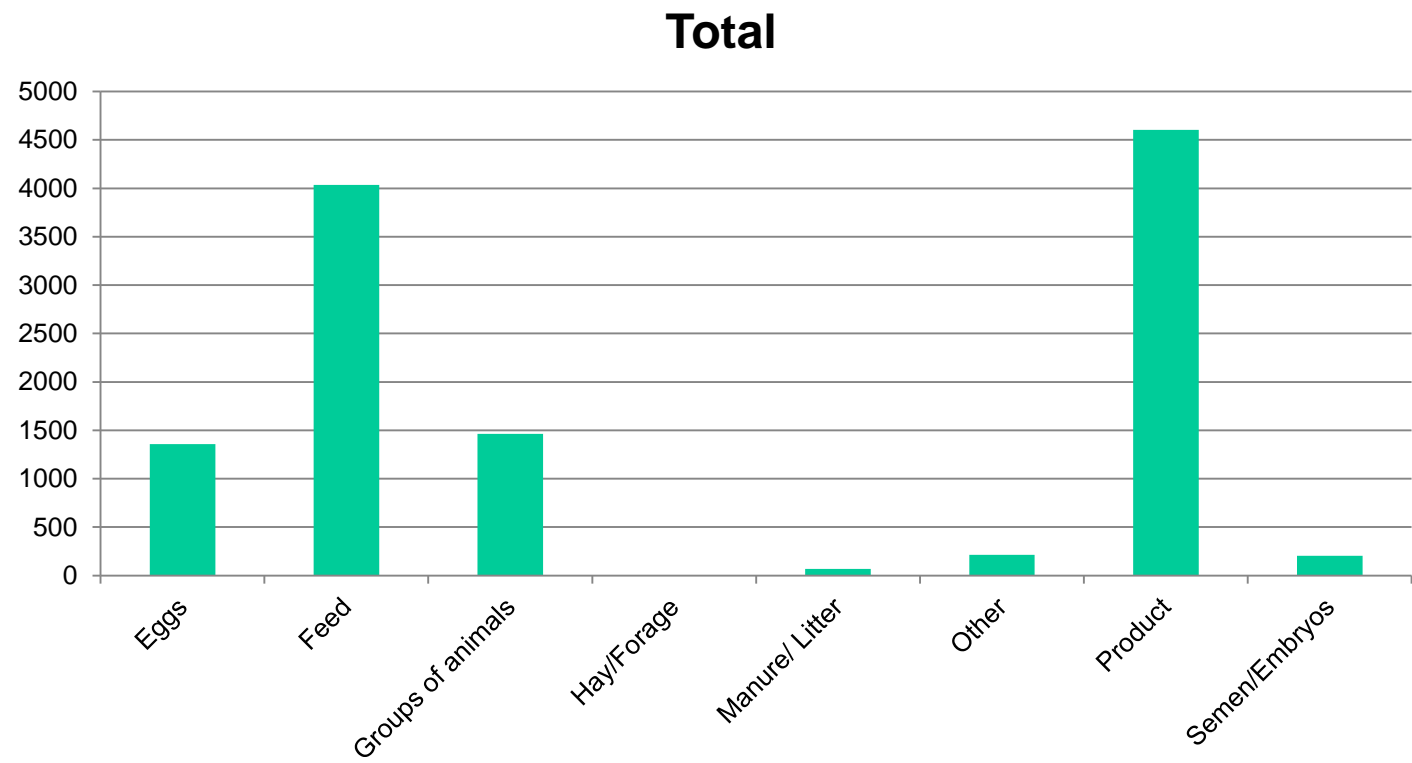
Permitted Movements - Iowa



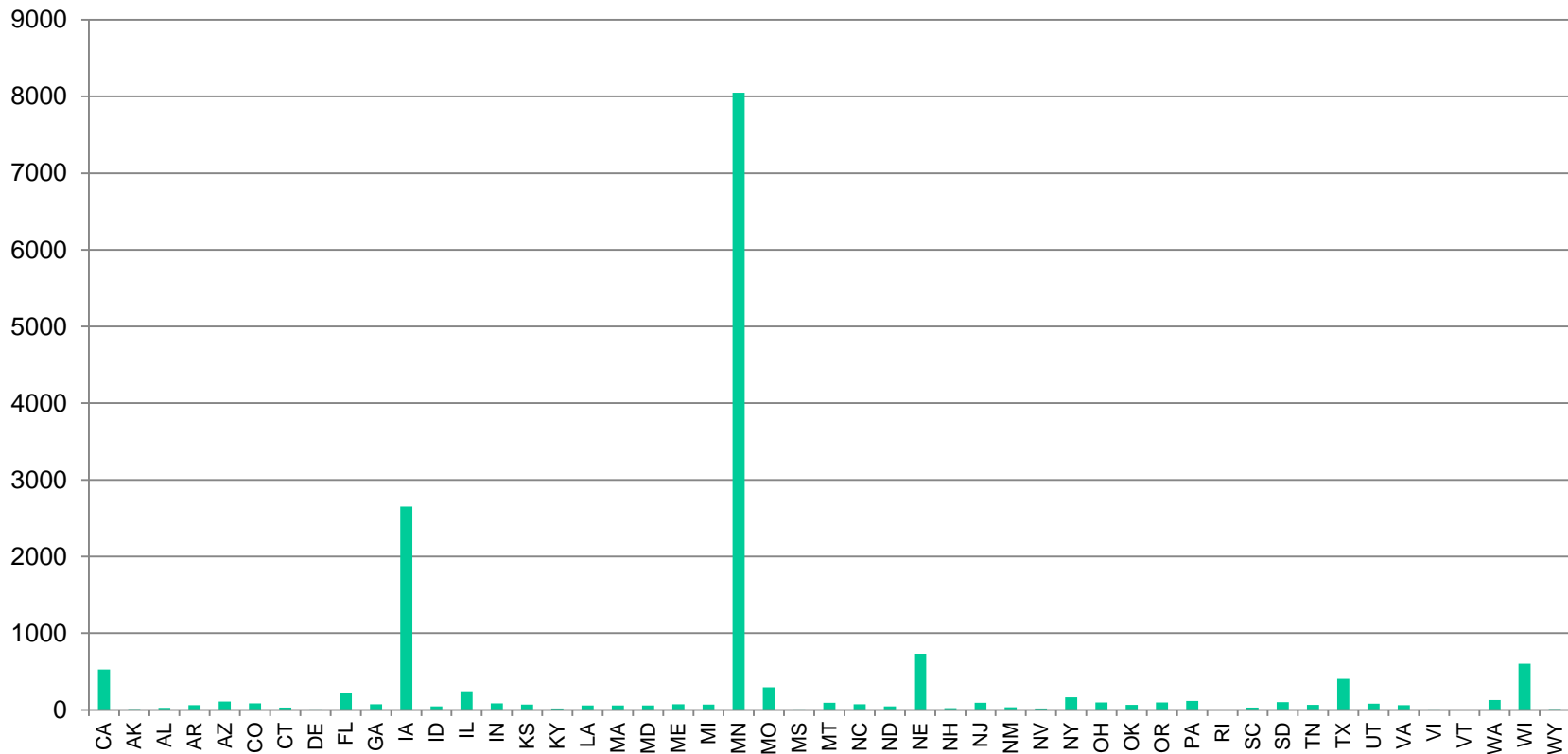
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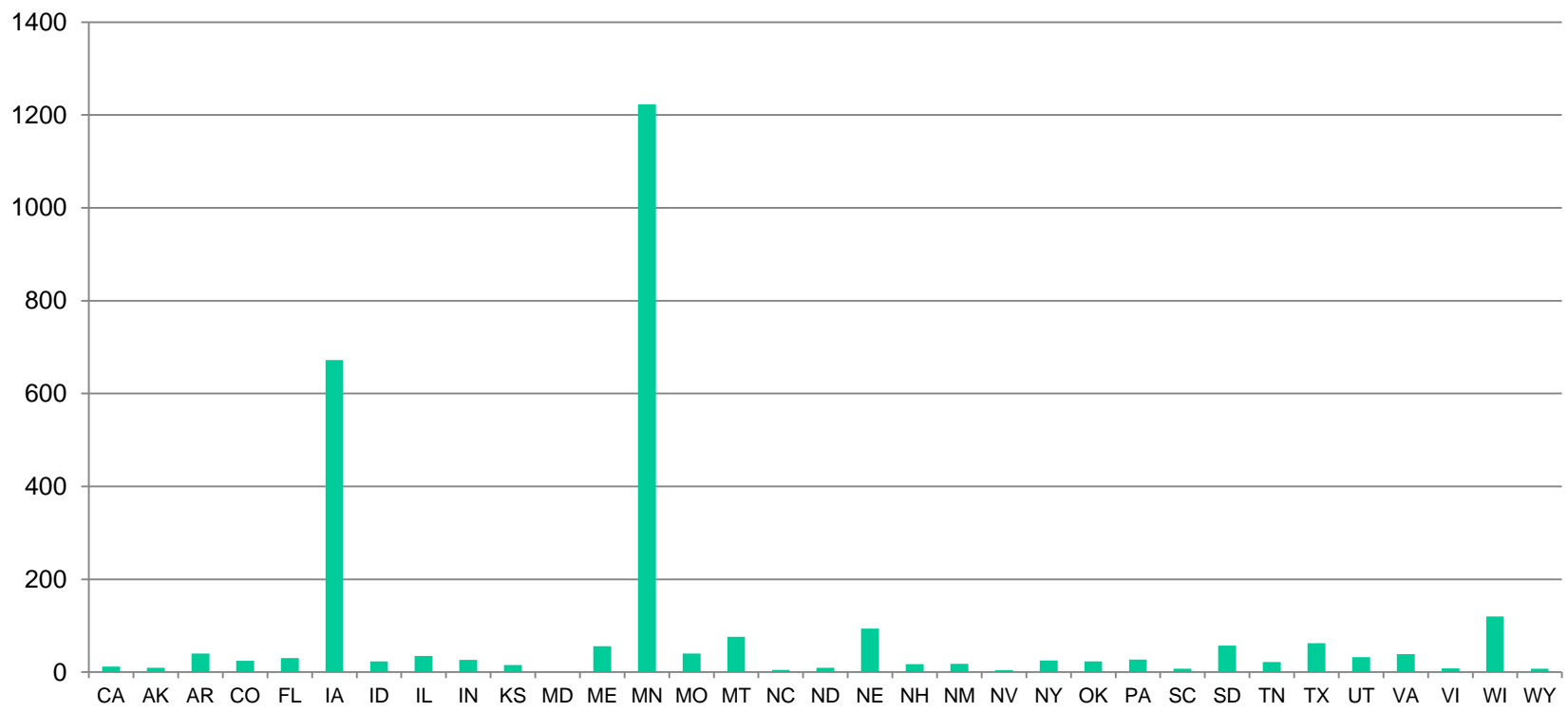
Permitted Movements - Minnesota



Permitted Movements from IA, MN, NE State of Destination



Permitted Movements from IA, MN Animal Groups State of Destination



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Questions?

