

# 2020 CAFO Roundtable North Dakota Livestock Program

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Division of Water Quality  
September 22, 2020

# Bismarck, ND - Main Office



## Livestock Program - Staff

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Brady Espe

- 22 Years

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Rachel Strommen

- 7 Years

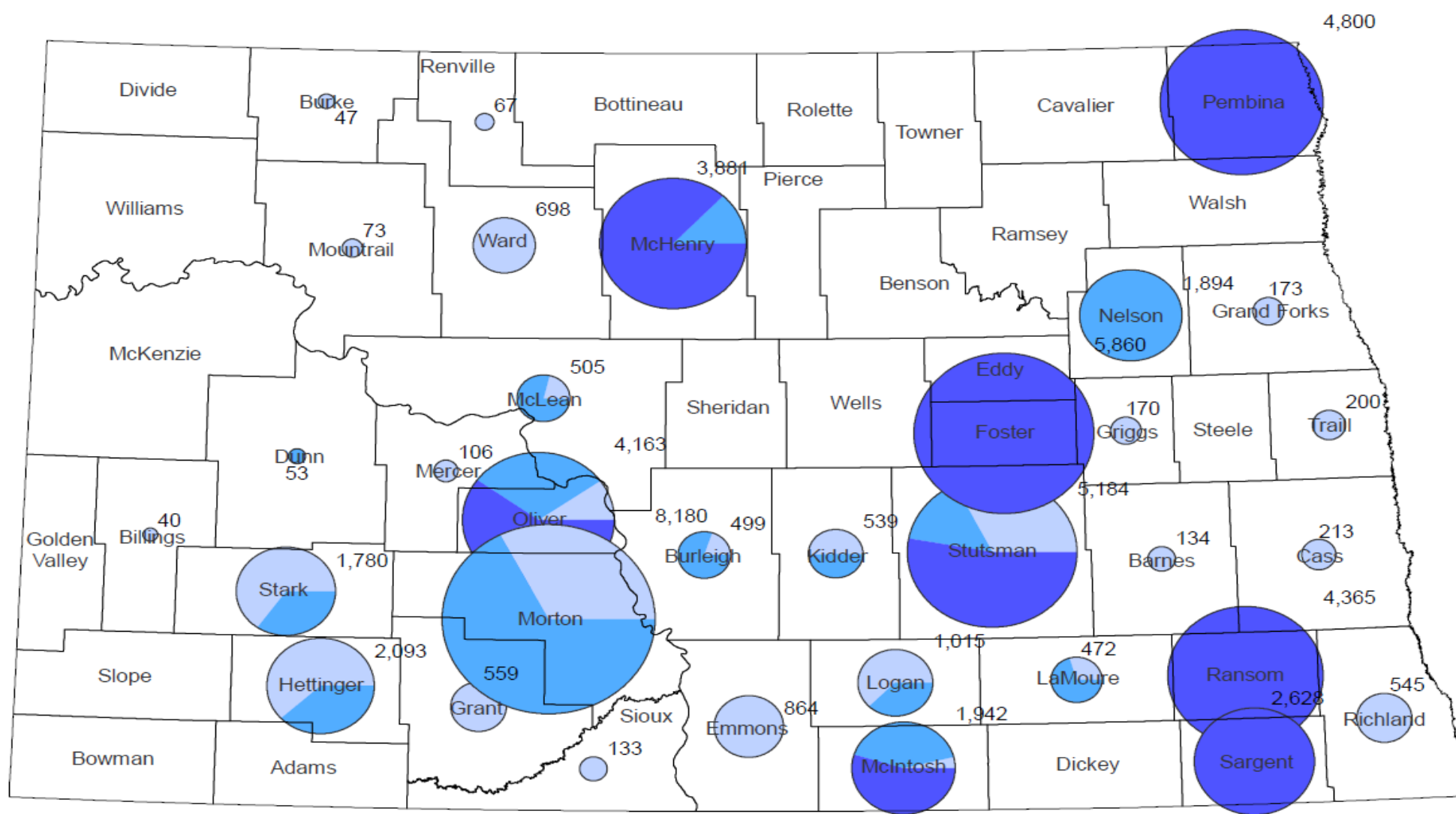
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Tyson Jeannotte

- 1 Year

# Livestock Permits

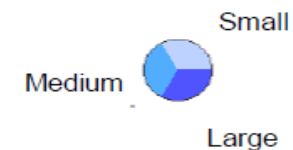
- CAFO - 82 permitted
- AFO - 469 permitted



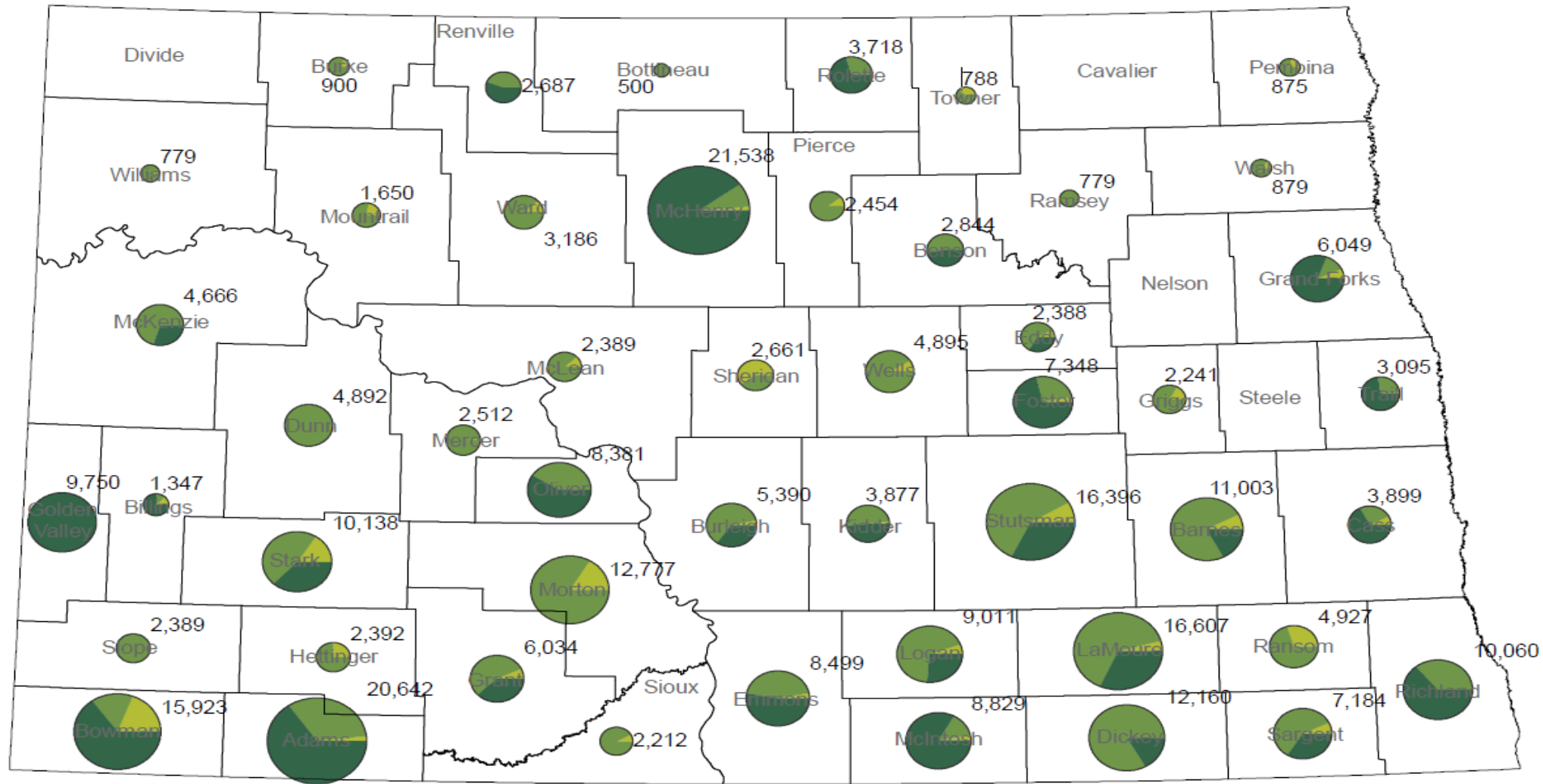
### Density of Permitted Animal Feeding Operations - DAIRY

Counties that have permitted dairy operations. Color represents permit type: small, medium or large. Size of the dot represents the maximum number of permitted dairy cattle divided by the total maximum permitted number of dairy cattle statewide. Label is the sum of number of maximum permitted dairy cattle. Numbers of animals are represented using animal unit equivalents (AUE) for all permit types, small, medium and large.

Sum of Max Dairy AUE per county / Sum of Max Dairy AUE in North Dakota



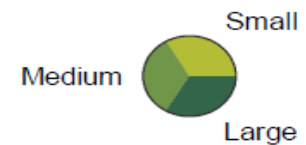




### Density of Permitted Animal Feeding Operations - BEEF

Counties that have permitted beef operations are shown. Color represents permit type, small, medium or large. Size of the dot represents the maximum number of permitted beef divided by the total maximum permitted number of beef operations statewide. Label is sum of number of maximum permitted beef operations. Numbers of animals are represented using animal unit equivalents (AUE) for all permit types.

Sum of max Beef AUE per county / Sum of max Beef AUE in North Dakota



# AFO/CAFO Regulation Updates

- NDAC 33.1-16-03.1
- SB 2345 - Zoning
- NDAC 33.1-16-01



# SB 2345 - Zoning

- County Zoning NDAC 11-33-02.1
- Township Zoning NDAC 58-03-11.1
  
- Both have 60 days to object to a received completed package. If not, the proposed facility is deemed in compliance with zoning.



# Large Dairies

- Good Record Keeping
- Good Soil and Manure Tests
- Good at calculating application rates
- Rotate fields



# Large Swine

- Good Record Keeping
- Good Soil and Manure Tests
- Good at calculating application rates
- Rotate fields



# Large Beef

- Soil tests mostly good
- Manure tests are spotty
- Some rotate fields on a continuous basis
- Inspection Records are complete or almost non-existent