



DRMS

Animal Identification Current status

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What are the issues?

1

Missing Official/Unique ID

2

Incorrect formatted ID (chopped off 840 numbers)

3

Made Up ID's (35COW, 35UNK, 35FIX, ..., aka fake tags)



4

Re- useable ID's (Manufacturer coded RFID tags, aka zombie tags)



5

Duplicated ID's (Different animal, Same ID)

Inside the numbers



Herds that have agreed to sending data to CDCB:

Missing Official ID:

- 8.3% of Active Cows
- 24.5% of Active Heifers

Incorrect Format ID:

- <1% of Cows with an 840 number

Made up Cow ID's:

- 1% of Active Cows and Heifers

Re-useable ID:

- 31% of 9xx series reused on different animal

Duplicated ID:

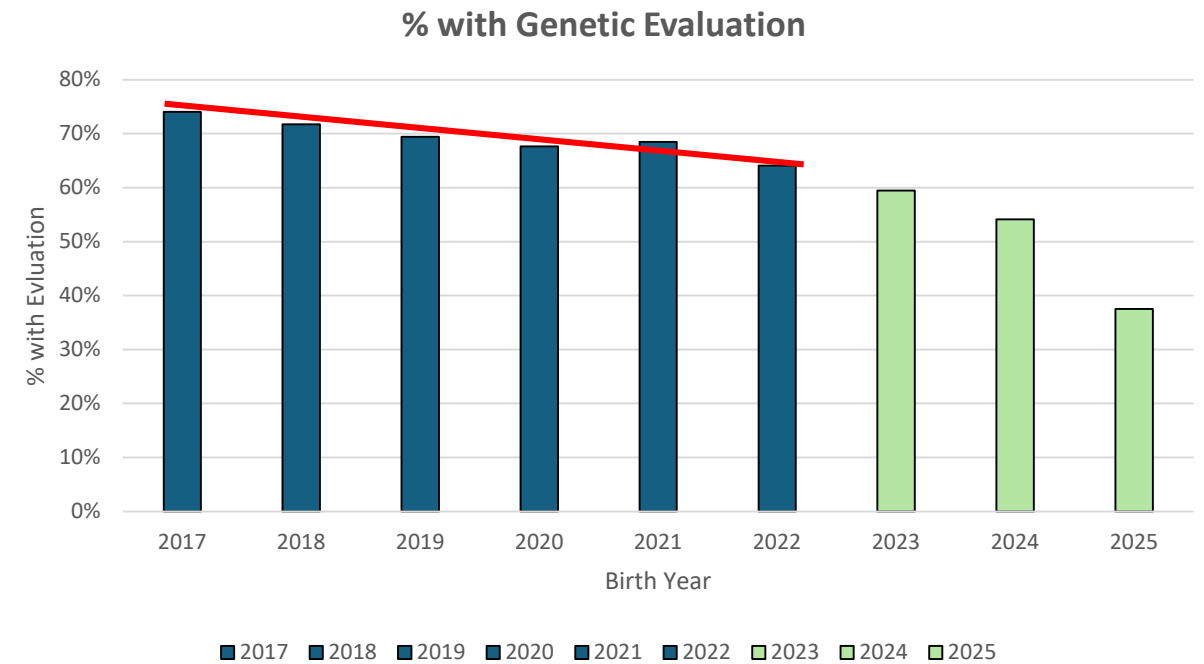
- 1% of 840 series duplicated on different animal
- 2% of state series duplicated on different animal

The bigger picture

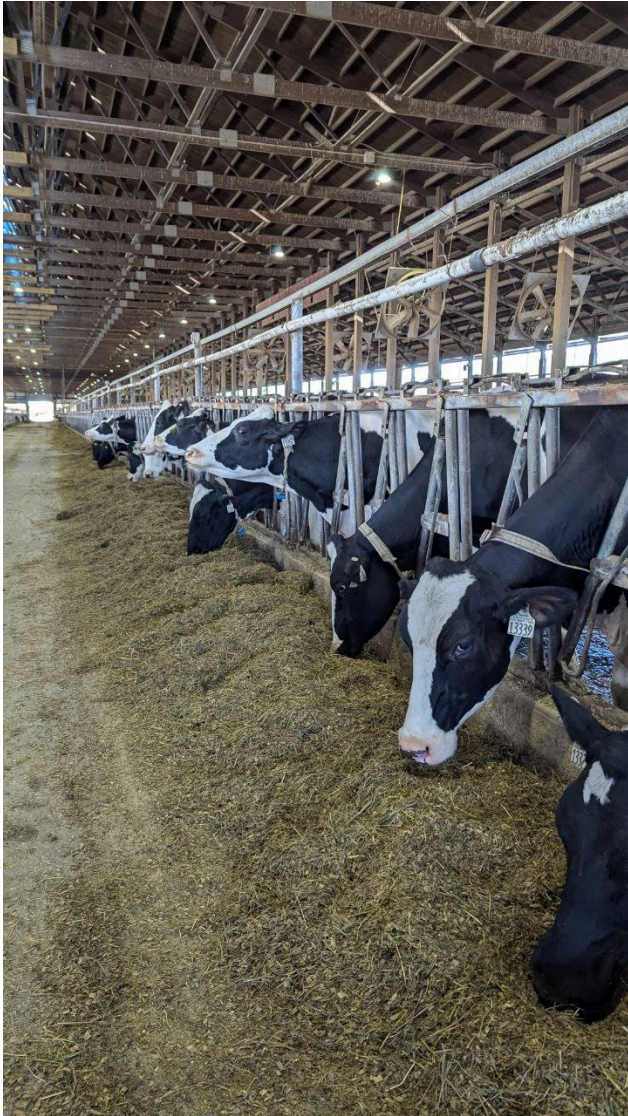


Final results after all CDCB edits:

- ID errors
- Pedigree errors
- Data errors
- ...



Solutions



Improve the existing data flow thru education and technology:

- Apply and record an official ID on every newborn calf
- Check 840 series start and end numbers before entering
- No ID entry shortcuts (like 840 truncation)
- Do not make up ID's! (Blank ID is better than a fake ID)
- When using 9xx series reusable tags, ensure you also have an 840 series tag on the animal
- 840 tag \neq RFID tag
- Technicians use handheld device and record RFID's in parlor as part of testday

Create a new process that can address missing ID's:

- Assign computer generated ID the first time animal enters the system (CDCB or DRPC)
- Exchange data using computer generated ID
- Connect other real ID's with computer generated ID.

Summary

- We have a large number of herds that are participating but data is not reaching CDCB
- Reality is that ID will get messier as more farms are implementing sensor technology that relies on re-usable ID
- Outreach to producers and field technicians is needed to close the gap
- RFID technology used during milk recording will help us collect and correct ID's not entered or entered incorrectly by the producer
- Our other option is to move to computer generated unique identifiers for unidentified animals and update ID's as they come along.



Thank You



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