

Health Data Collection in Canada

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Valacta

The logo for Valacta, featuring the word "valacta" in a lowercase, sans-serif font inside a white, teardrop-shaped icon with a small notch at the top.

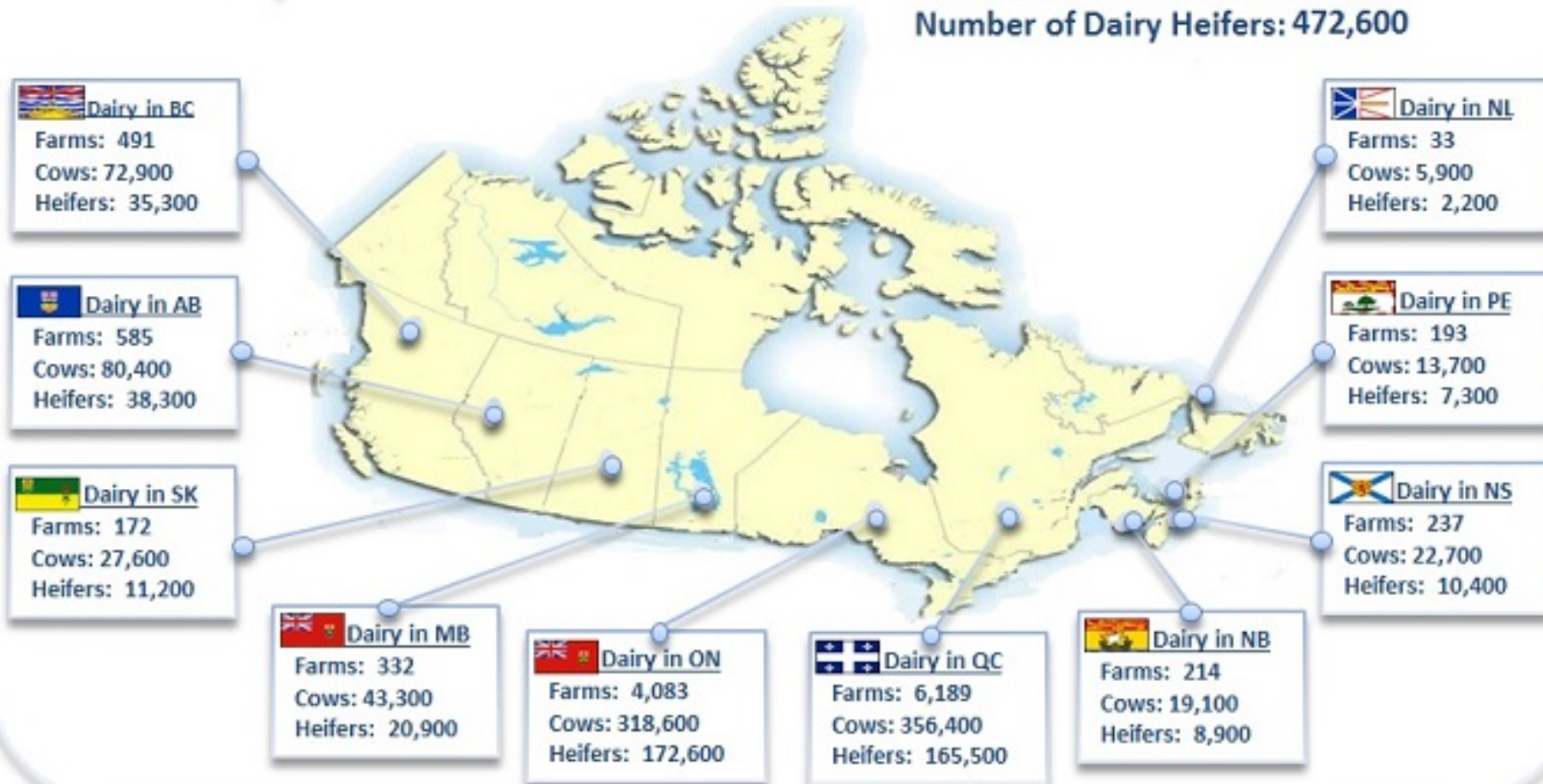
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DAIRY
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Dairy in Canada at the Farm 2013

Number of Farms with Milk Shipments: 12,529
Number of Dairy Cows: 960,600
Number of Dairy Heifers: 472,600



DHI Structure in Canada

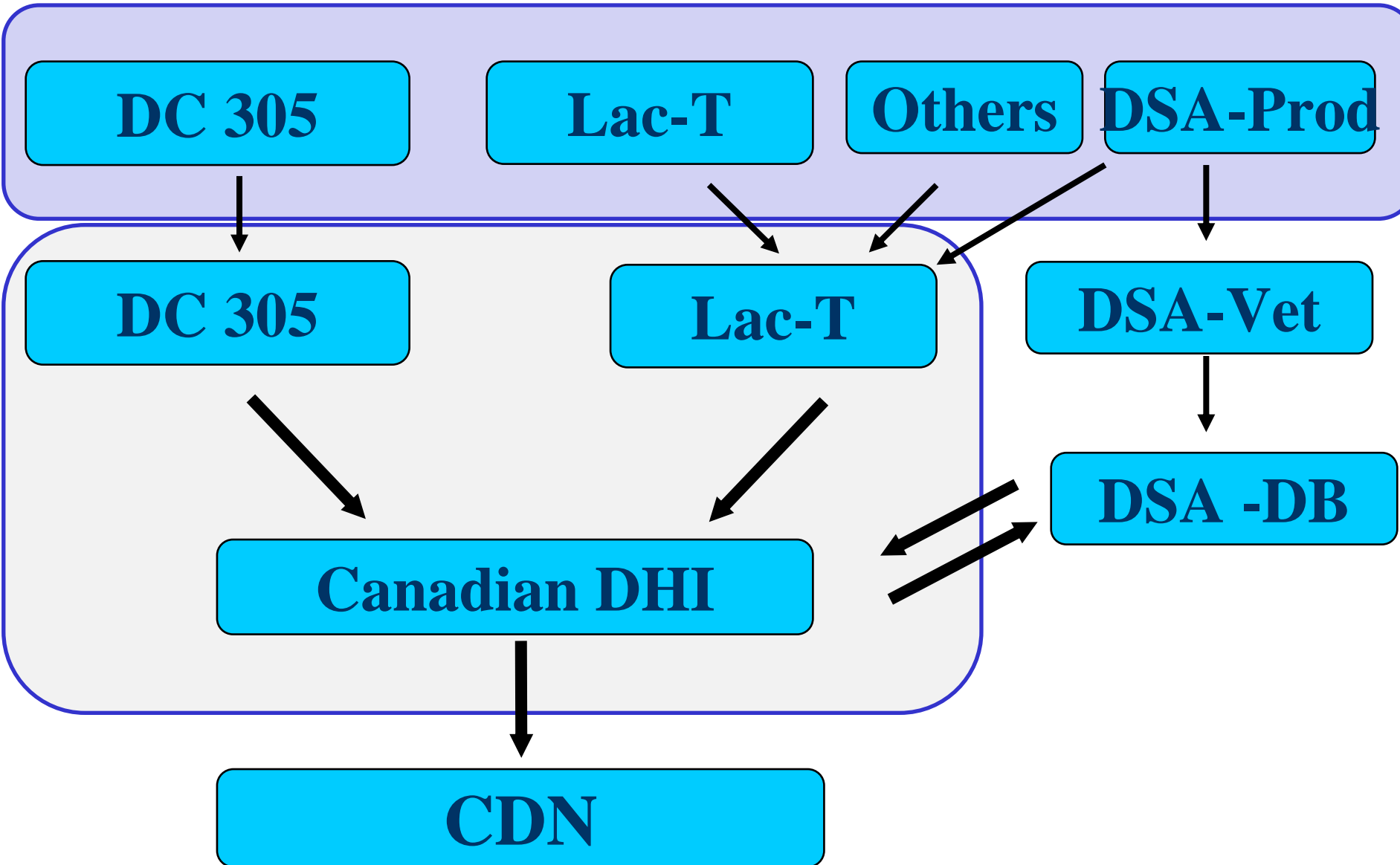


9 800 herds
725 000 cows
75 cows/herd



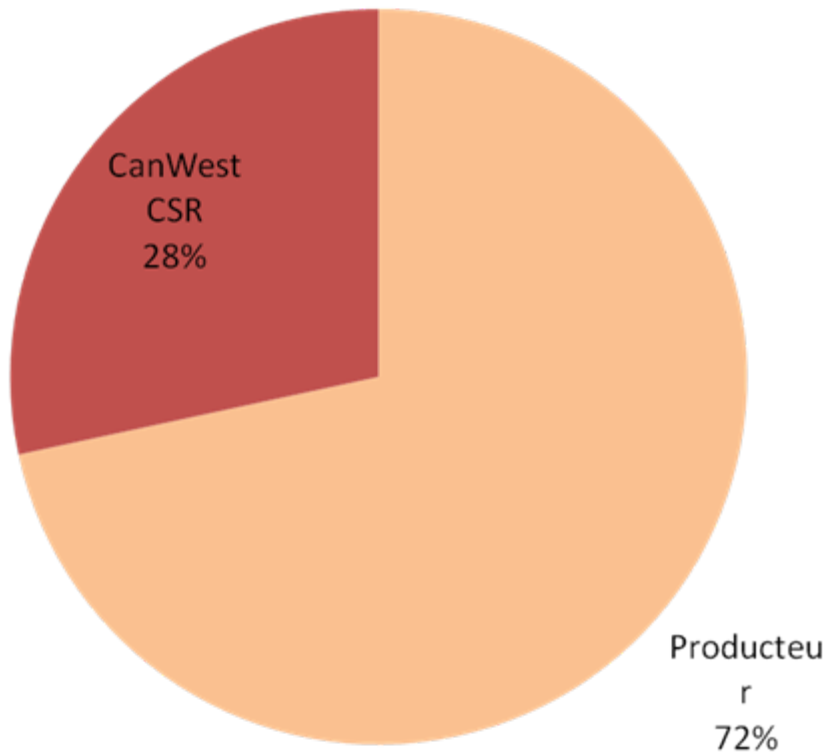
2 agencies
1 Processing center/database

Health Data Flow

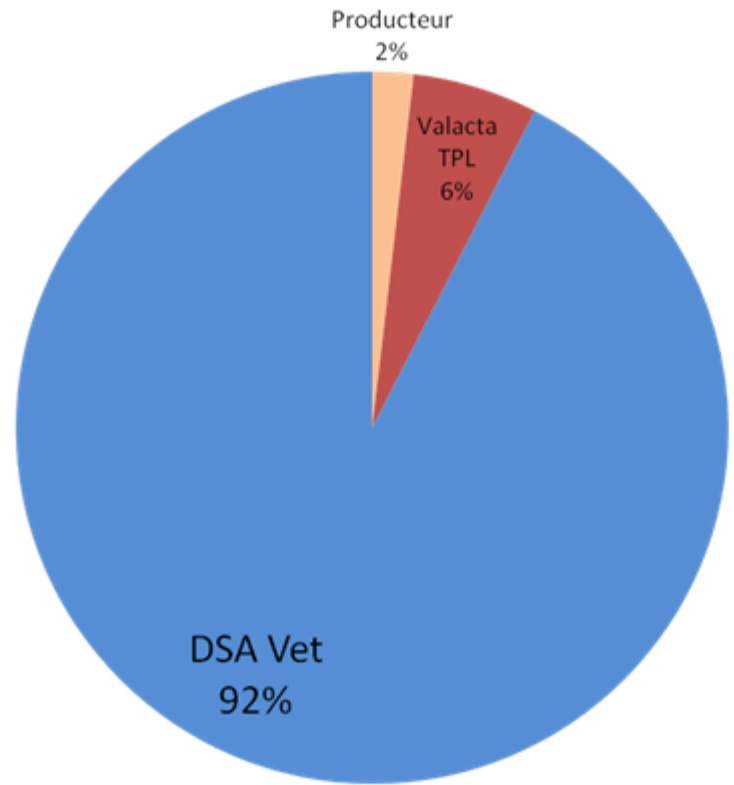


Data Source

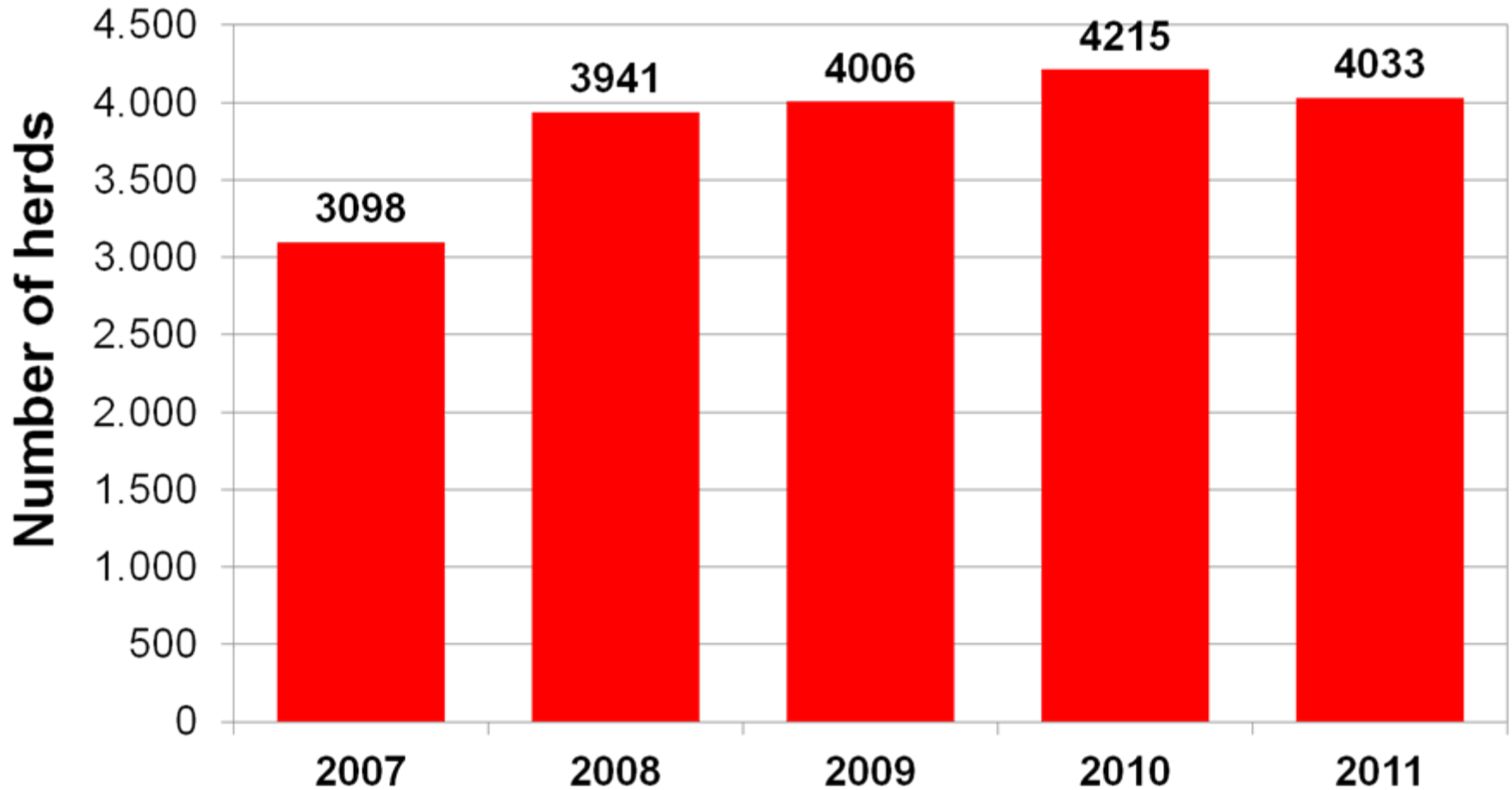
CanWest



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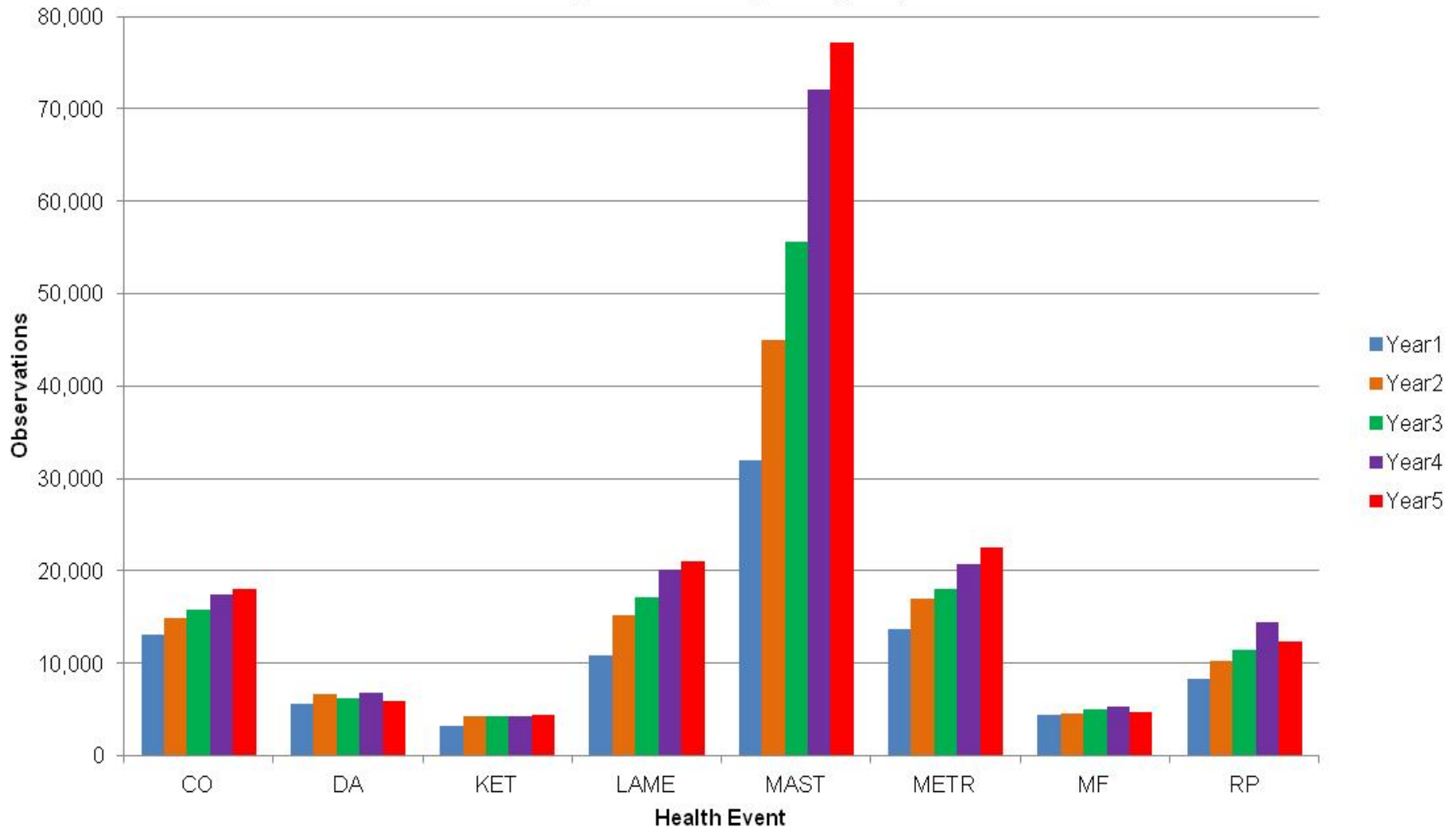


Number of herds recording Health Data



Participation : ≈ 40 % of milk recorded herds

Number of records by Health Trait



475 939 Health Problems in 6 024 Herds

| Health problem | % of problems | % de herds |
|---------------------|---------------|------------|
| Mastitis | 41,0 | 87 |
| Displaced abomasum | 5,1 | 65 |
| Retained Placenta | 8,6 | 60 |
| Lameness | 12,0 | 54 |
| Milk fever | 3,8 | 49 |
| Kystes ovariens | 12,2 | 46 |
| Ketosis | 3,2 | 38 |
| Métrite aiguë | 5,7 | 37 |
| Écoulement purulent | 3,9 | 21 |
| Endométrite | 1,5 | 11 |
| Métrite chronique | 2,6 | 23 |

Challenges - Opportunities

- Case definition
- Maintain producer interest
- Producer and vet focus on « pain points »
- Frequency of reporting to producer
- Significance of rates in small herds for some diseases

- Canadian Quality Milk program
- Test and sensor based methods

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