









CDCB Evaluation Database						
	Lactation Records	Genotyped Sires	Genotyped Females			
Holstein	30,604,713	40,811	483,991			
Jersey	2,240,512	5,937	82,616			
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Stakeholders share data with CDCB

- Data sharing and use are guided by Material License Agreements (MLAs)
- Shared data is for use in national genetic evaluations.
- CDCB can share data with a 3rd party but only with the data provider's permission.
- Distribution of CDCB products are determined by CDCB Board.
 - Traditional and Genomic evaluations
 - SNP effects
 - Imputed genotypes

Traits with Genetic Evaluations

Production Traits		Conformation Traits		
Milk Yield			Classification Score	
Fat Yield	Fat %		Stature	Fore Udder
Protein Yield	rotein Yield Protein %		Strength	R Udder Ht
Health and Fitness Traits		Dairy Form	R Udder Wd	
Productive Life	Dtr.	Prenancy Rate	Body Depth	Udder Cleft
Somatic Cell Score Hfr Conception Rate		Rump Width	Udder Depth	
Livability	y Cow Conception Rate		Rump Angle	F Teat Place.
Calving Traits		Legs Side View	R Teat Place.	
Service Sire Calv E	Ease	Service Sire Stillbirths	Legs Rear View	Teat Length
Daughter Calv Eas	se	Daughter Stillbirths	Foot Angle	
Gestation Length			Feet and Legs Score	
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Funding of CDCB

- Operations of CDCB funded by genomic evaluation user fees
 - All have access to participate in genomic evaluations.
 - Those that collaborate in providing data pay smaller user fees than those that don't provide data.
- Funds used to hire staff to support and develop evaluation operations.
- Data providers receive payments for data usable in evaluations.

-THE SECOND-

• Fund genetic evaluation research.



Build additional resources that support genetic evaluations and genetic research

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CDCB Health Trait Records

Trait	Cows with Usable Records
Mastitis	1,033,336
Displaced Abomasum	909,785
Ketosis	660,705
Retained Placenta	994,480
Metritis	894,018
Hypocalcemia	540,142
CDCB, April 2018	
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